National Data Book
and Guide to Sources

STATISTICAL ABSTRACT OF THE UNITED STATES 1984

104th Edition

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The cooperation of many contributors to this volume is gratefully acknowledged. The source note below each table credits the various government and private agencies which have collaborated in furnishing information for the **Statistical Abstract.** In a few instances, contributors have requested that their data be designated as subject to copyright restrictions, as indicated in the source notes to the tables affected. Permission to use copyright material should be obtained directly from the copyright owner.

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Preface

The *Statistical Abstract of the United States,* published since 1878, is the standard summary of statistics on the social, political, and economic organization of the United States. It is designed to serve as a convenient volume for statistical reference and as a guide to other statistical publications and sources. The latter function is served by the introductory text to each section, the source note appearing below each table, and Appendix IV, which comprises the Guide to Sources of Statistics and the Guide to State Statistical Abstracts.

This volume includes a selection of data from many statistical publications, both governmental and private. Publications cited as sources usually contain additional statistical detail and more comprehensive discussions of definitions and concepts than can be presented here. Data not available in publications issued by the contributing agency but obtained from unpublished records are identified in the source notes as "unpublished data." More information on the subjects covered in tables so noted may generally be obtained from the source.

Except as indicated, figures are for the United States as presently constituted. Although emphasis in the *Statistical Abstract* is given primarily to national data, many tables present data for regions and individual States and a smaller number for metropolitan areas and cities. Appendix II, Metropolitan Area Concepts and Components, presents explanatory text, a complete current listing and population data from the 1980 census for the new official metropolitan statistical areas (MSA's), the primary metropolitan statistical areas (PMSA's), and the consolidated metropolitan statistical areas (CMSA's). Table 23 in section 1 presents selected population characteristics for all MSA's. Statistics for the Commonwealth of Puerto Rico and for outlying areas of the United States are included in many State tables and are supplemented by information in section 32. Additional information for States, cities, counties, metropolitan areas, and other small units, as well as more historical data, are available in various supplements to the *Abstract* (see inside back cover).

USA Statistics in Brief, 1984, the pocket-size loose insert in front of the book, is available separately. Price information can be obtained from, and orders sent to, U.S. Department of Commerce, Bureau of the Census, Customer Services Branch—DUSD, Washington, D.C. 20233. A 25 percent discount will be allowed on orders of 100 copies or more sent to the same address.

Changes in this edition.—A new appendix, Appendix VI, presents selected statistical items for congressional districts of the 98th Congress. Data on population characteristics, educational attainment, money income and housing are shown from the *1980 Census of Population and Housing, Volume 4, Congressional Districts of the 98th Congress* series. Also included are results from the 1982 elections to the House of Representatives.

Statistics in this edition are generally for the most recent year or period available by October 1983. Each year more than 1,600 tables and charts are reviewed and evaluated; new tables and charts of current interest are added, continuing series are updated, and less timely data are condensed or eliminated. Text notes and appendixes are revised as appropriate.

In all, there are 97 new tables, distributed among 26 of the 33 sections. In addition, graphic charts have been revised or updated and many sections have undergone tabular rearrangement and format changes designed to improve the organization of subject matter. Of the tables included in the 1982–83 edition, 110 were omitted from this issue. The omissions represent primarily tables for which comparable details appear in other tables or for which no recent data are available, or tables for which the subject matter shown was considered relatively less important in the light of the space required for presentation.

Inserted in this edition is the fifth user questionnaire survey that has been taken periodically to enable us to obtain your suggestions on various aspects of the *Abstract.* Your input will enable us to keep the *Abstract* useful to you as a data user. If the questionnaire is no longer in this publication, you may obtain one by writing U.S. Bureau of the Census, Statistical Compendia Staff, DUSD, Washington, D.C. 20233.

Among the new tables relating to people and their concerns are:

- Population projections by State, p. 15
- Refugees by country of birth, citizenship, and State of residence, p. 94
- Nursing and related care facilities, p. 118
- Student use of computers in schools, p. 156
- Postsecondary students who applied for financial aid, p. 167
- Law enforcement officers assaulted and type of weapon used, p. 182
- Coin-operated amusement games and home entertainment devices, p. 237
- Beneficiaries and benefits of public employee retirement systems, p. 383
- Child care arrangements used by employed mothers for youngest child under 5 years old, p. 397
- Work disability status, by occupation, industry, and pension coverage, p. 437
- Money income of families, p. 466

Government and economic activities are reflected in new tables on:

- Natural gas consumption, expenditures, and average prices, p. 578
- Indices of financial stress in agriculture, by farm region, p. 660
- Land utilized and reclaimed by the mining industry, p. 718
- Employment related to manufactured exports, by major economic sector, p. 777
- Retail sales, by type of store and State, p. 804
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- Tax index, by type of tax, p. 326
- Budget authority of the Department of Defense, by major mission, p. 344
- Gross product of U.S. parent companies and foreign affiliates, p. 550
- Energy expenditures and average fuel prices, by source and end-use sector, p. 575

Historical statistics.—Specific headnote references in this *Abstract* link many tables to earlier data shown in *Historical Statistics of the United States, Colonial Times to 1970,* (See Appendix I, pp. 891–893.)

State and metropolitan area statistics.—Appendix V identifies tables in this *Abstract* for which comparable or more detailed State data appear in the *State and Metropolitan Area Data Book, 1982.* (See p. 968)

Statistical reliability and responsibility.—The contents of this volume were taken from many sources. All data from either censuses and surveys or from administrative records are subject to error arising from a number of factors: Sampling variability (for statistics based on samples), reporting errors in the data for individual units, incomplete coverage, nonresponse, imputations, and processing error. (See also Appendix III, pp. 905–923.) The Bureau of the Census cannot accept the responsibility for the accuracy or limitations of the data presented here, other than for those which it collects. The responsibility for selection of the material and for proper presentation, however, rests with the Bureau.

For additional information on data presented.—Please consult the source publications available in local libraries or write to the agencies indicated in the source notes. Write to the Bureau of the Census only if it is cited as the source.

Suggestions and comments.—Users of the *Statistical Abstract* and its supplements (see inside back cover) are urged to make their data needs known for consideration in planning future editions. Suggestions and comments for improving coverage and presentation of data should be sent to the Director, U.S. Bureau of the Census, Washington, D.C. 20233.

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APPROXIMATE CONVERSIONS

[For information regarding conversion, call or write the Office of Metric Programs, U.S. Department of Commerce, Washington, D.C. 20230 (202-377-0944)]

Customary			Metric	Metric			Customary
Inches (in)	×	25.4	= millimeters	Millimeters (mm)	×	.04	= inch
Feet (ft)	×	.3	= meter	Meters (m)	×	3.3	= feet
Yards (yd)	×	.9	= meter	Meters (m)	×	1.1	= yards
Miles (mi)	×	1.6	= kilometers	Kilometers (km)	×	.6	= mile
Square inches (in^2)	×	6.5	= sq centimeters	Sq centimeters (cm^2)	×	.2	= sq inch
Square feet (ft^2)	×	.1	= sq meter	Square meters (m^2)	×	10.8	= sq feet
Square yards (yd^2)	×	.8	= sq meter	Square meters (m^2)	×	1.2	= sq yards
Acres	×	.4	= hectare	Hectares (ha)	×	2.5	= acres
Cubic feet (ft^3)	×	.03	= cu meter	Cu meters (m^3)	×	35.3	= cu feet
Cord (cd)	×	3.6	= cu meter	Liters (l)	×	1.1	= quarts (lq)
Quarts (lq) (qt)	×	.9	= liter	Cu meters (m^3)	×	264.2	= gallons
Gallons (gal)	×	.004	= cu meters	Grams (g)	×	.04	= ounce (avdp)
Ounces (avdp) (oz)	×	28.4	= grams	Kilograms (kg)	×	2.2	= pounds (advp)
Pounds (avdp) (lb)	×	.5	= kilogram	Kilowatts (kW)	×	1.3	= horsepower
Horsepower (hp)	×	.7	= kilowatt	Degrees Celsius	×	9/5+32	= degrees Fahrenheit
Degrees Farenheit (−32)	×	5/9	= degrees Celsius				

UNITS OF LENGTH AND AREA

Customary			Metric	Metric			Customary
Inch (in)			= 25.4 millimeters	Millimeter (mm)	=	.001 meter	= .039 inch
Foot (ft)	=	12 in	= .305 meter	Centimeter (cm)	=	.01 meter	= .394 inch
Yard (yd)	=	36 in or 3 ft	= .914 meter	Decimeter (dm)	=	.1 meter	= 3.937 inches
Mile (mi)	=	5,280 ft	= 1.609 kilometers	Meter (m)			= 3.281 feet
In^2 (sq in)			= 6.452 cm^2	Kilometer (km)	=	1,000 meters	= .621 mile
Ft^2 (sq ft)	=	144 sq in	= .093 m^2	Sq millimeter (mm^2)	=	.000001 m^2	= .002 sq in
Yd^2 (sq yd)	=	1,296 sq in or 9 sq ft	= .836 m^2	Sq centimeter (cm^2)	=	.0001 m^2	= .155 sq in
				Sq decimeter (dm^2)	=	.01 m^2	= 15.5 sq in
Acre	=	43,560 sq ft	= .405 ha	Sq meter (m^2)			= 10.764 sq ft
Mile^2 (sq mi)	=	640 acres	= 2.59 km^2	Hectare (ha)	=	10,000 m^2	= 2.471 acres
				Sq kilometer (km^2)	=	1,000,000 m^2	= .386 sq mi

UNITS OF WEIGHT (OR MASS)

Customary			Metric	Metric			Customary
	Avoirdupois[1]						
Grain			= .065 gram	Gram (g)			= .035 oz avdp or .032 oz troy
Ounce (oz avdp)	=	437.5 grains or 16 drams	= 28.350 grams	Dekagram (dag)	=	10 g	= .353 oz avdp or .322 oz troy
Pound (lb avdp)	=	7,000 grains or 16 ounces	= .454 kilogram	Hectogram (hg)	=	10g =	3.527 oz avdp or 3.215 oz troy
Hundredweight (cwt)	=	100 pounds	= 45.359 kg				
Ton, short (tn)	=	2,000 pounds	= .907 metric ton				
Ton, long	=	2,240 pounds	= 1.016 metric tons	Kilogram (kg)	=	1,000 g	= 2.205 lb avdp or 2.679 lb troy
		Troy[2]		Metric ton	=	1,000 kg	= 1.102 short tons or .984 long ton
Ounce (oz troy)[3]	=	480 grains	= 31.104 grams				
Pound (lb troy)	=	5,760 grains or 12 ounces	= .373 kilogram				

[1] For weighing ordinary commodities. [2] For weighing precious metals, jewels, etc. [3] Also known as fine ounces.

UNITS OF CAPACITY

Customary			Metric	Customary			Metric
	Liquid				Dry		
Fluid ounce (fl oz)			= 29.573 ml	Pint (pt)			= .551 dm^3
Pint (pt)	=	16 fl oz	= .473 liter	Quart (qt)	=	2 pints	= 1.101 dm^3
Quart (qt)	=	32 fl oz or 2 pt	= .946 liter	Peck (pk)	=	8 quarts	= 8.810 dm^3
Gallon (gal)	=	8 pt or 4 qt	= 3.785 liters	Bushel (bu)	=	32 quarts	= 35.238 dm^3

Metric		Customary		
Milliliter (ml)	= .001 liter	= .034 fl oz (liquid)	=	.002 pt (dry)
Liter (l)		= 1.057 qt (liquid)	=	.908 qt (dry)
Hectoliter (hl)	= 100 liters	= 26.418 gal (liquid)	=	2.838 qt (dry)

The following symbols used in the tables throughout this book, are explained in condensed form in footnotes to the tables where they appear:

— Represents zero or rounds to less than half the unit of measurement shown.
B Base figure too small to meet statistical standards for reliability of derived figure.
D Figure withheld to avoid disclosure of information pertaining to a specific organization or individual.
NA Data not enumerated, tabulated, or otherwise available separately.
NS Percent change irrelevant or insignificant.
S Figure does not meet publication standards for reasons other than that covered by symbol B, above.
X Figure not applicable because column heading and stub line make an entry impossible, absurd, or meaningless.
Z Entry would amount to less than half the unit of measure shown.

In many tables, details will not add to the totals shown because of rounding.

Example of table structure:

Table Number and Title — NO. 58. MARITAL STATUS OF POPULATION, 15 YEARS OLD AND OVER, BY HOUSEHOLDER STATUS, SEX AND AGE: 1982

Unit indicator — [In thousands, except percent. As of March. See headnote table 56)] — *Headnote*

Spanner / *Column heads*

HOUSEHOLDER AND MARITAL STATUS	Total[1]	MALE					FEMALE				
		Total[1]	20–24 years	25–44 years	45–64 years	65 yr. and over	Total[1]	20–24 years	25–44 years	45–64 years	65 yr. and over
Total persons	176,186	83,958	10,363	32,494	20,959	10,310	92,228	10,716	33,610	23,233	14,920
Householder[2]	83,527	58,970	3,774	26,258	19,174	9,500	24,557	1,869	8,397	6,277	7,813
Single	10,272	5,266	1,350	2,807	660	320	5,005	1,274	2,376	597	601
Married, spouse present	49,630	47,527	2,282	20,955	16,561	7,618	2,103	205	1,006	608	259
Widowed	10,754	1,584	–	46	431	1,108	9,169	6	392	2,509	6,261
Divorced	8,827	3,172	61	1,776	1,059	275	5,655	195	3,111	1,853	494
Not householder[2]	92,659	24,988	6,589	6,238	1,784	811	67,671	8,847	25,211	16,956	7,108
Single	35,393	19,645	6,108	3,554	407	130	15,747	4,451	1,890	359	234
Married, spouse present	50,958	2,767	289	1,305	727	385	48,191	3,793	22,282	15,860	5,484
Widowed	1,903	277	1	11	91	172	1,627	8	57	299	1,263
Divorced	2,677	1,432	73	930	372	56	1,244	180	685	275	75
Stub — PERCENT DISTRIBUTION											*Field*
Total persons	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Householder[2]	47.4	70.2	36.4	80.8	91.5	92.1	26.6	17.4	25.0	27.0	52.4
Single	5.8	6.3	13.0	8.6	3.1	3.1	5.4	11.9	7.1	2.6	4.0
Married, spouse present	28.2	56.6	22.0	64.5	79.0	73.9	2.3	1.9	3.0	2.6	1.7
Widowed	6.1	1.9	–	.1	2.1	10.7	9.9	.1	1.2	10.8	42.0
Divorced	5.0	3.8	.6	5.5	5.1	2.7	6.1	1.8	9.3	8.0	3.3
Not householder[2]	52.6	29.8	63.6	19.2	8.5	7.9	73.4	82.6	75.0	73.0	47.6
Single	20.1	23.4	58.9	10.9	1.9	1.3	17.1	41.5	5.6	1.5	1.6
Married, spouse present	28.9	3.3	2.9	4.0	3.5	3.7	52.3	35.4	66.2	68.3	36.8
Widowed	1.1	.3	–	–	.4	1.7	1.8	.1	.2	1.3	8.5
Divorced	1.5	1.7	.7	2.9	1.8	.5	1.3	1.7	2.0	1.2	.5

Heavy rule

Footnotes —
– Represents zero or rounds to zero.
[1] Includes 15–19 year-olds.
[2] Includes other marital status not shown separately.

Source of tables 56-58: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 380 and earlier reports.

Headnotes immediately below table titles provide information important for correct interpretation or evaluation of the table as a whole or for a major segment of it.

Footnotes below the bottom rule of tables give information relating to specific items or figures within the table.

Unit indicators ("In thousands," "In millions of dollars," etc.) are usually given in boldface type as the first elements of the headnote. In tables where several units are used, the unit indicators are generally given in the stub or unit column or in the column headings.

Parallel vertical rules are used to the right of a total column to indicate—

(1) that the components which follow add to the total (e.g., tables 1, 8, 35, etc.);
(2) in the case of derived figures, that the underlying data are additive to their total (e.g., table 35 for ratios, table 52 for percentages, table 86 for rates and table 89 for medians).

Heavy vertical rules are used—

(1) in tables where the stub is continued into one or more additional columns across the table to separate each segment of stub and its accompanying data columns from the continued segments (e.g., tables 2, 25, 49, etc.);
(2) to set off independent sections of a table (e.g., tables 1, 3, 5, etc.).

Averages. An average is a single number or value that is often used to represent the "typical value" of a group of numbers. It is regarded as a measure of "location" or "central tendency" of a group of numbers.

The *arithmetic mean* is the type of average used most frequently. It is derived by summing the individual item values of a particular group and dividing the total by the number of items. The arithmetic mean is often referred to as simply the "mean" or "average."

The *median* of a group of numbers is the middle number or value when each item in the group is arranged according to size (lowest to highest or vice versa); it generally has the same number of items above it as below it. If there is an even number of items in the group, the median is taken to be the average of the two middle items.

Per capita (or per person) quantities. A per capita figure represents an average computed for every person in a specified group (or population). It is derived by taking the total for an item (such as income, taxes, or retail sales) and dividing it by the number of persons in the specified population.

Index numbers. An index number is a measure of difference or change, usually expressed as a percent, relating one quantity (the variable) of a specified kind to another quantity of the same kind. Index numbers are widely used to express changes in prices over periods of time but may also be used to express differences between related subjects for a single point in time.

To compute a price index, a base year or period is selected. The base year price (of the commodity or service) is then designated as the base or reference price to which the prices for other years or periods are related. Many price indexes use the year 1967 as the base year; in tables, this is shown as "1967=100." A method of expressing the price relationship is:

$$\frac{\text{Price of a set of one or more items for related year}}{\text{Price of the same set of items for base year}}$$

The result multiplied by 100 provides the index number. When 100 is subtracted from the index number, the result equals the percent change in price from the base year.

Average annual percent change. Unless otherwise stated in the *Abstract* (as in Section 1, Population), average annual percent change is computed by use of a *compound interest formula.* This formula assumes that the rate of change is constant throughout a specified compounding period (one year for average annual rates of change). The formula is similar to that used to compute the balance of a savings account which receives compound interest. According to this formula, at the end of a compounding period the amount of accrued change (e.g., school enrollment or bank interest) is added to the amount which existed at the beginning of the period. As a result, over time (e.g., with each year or quarter), the same rate of change is applied to a larger and larger figure.

The *exponential formula,* which is based on continuous compounding, is often used to measure population change. It is preferred by population experts because they view population and population-related subjects as changing without interruption, ever ongoing. Both exponential and compound interest formulas assume a constant rate of change. The former, however, applies the amount of change continuously to the base rather than at the end of each compounding period.

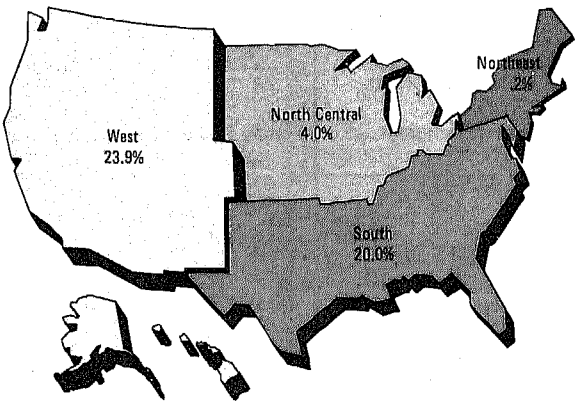
When the average annual rates are small (e.g., less than 5 percent), both formulas give virtually the same results. For an explanation of these two formulas as they relate to population, see U.S. Bureau of the Census, *The Methods and Materials of Demography,* vol. 2, 3d printing (rev.), 1975, pp. 372-381.

Current and constant dollars. Statistics in some tables in a number of sections are expressed in both current and constant dollars (see, for example, table 735, Section 15). Current dollar figures reflect actual prices or costs prevailing during the specified year(s). Constant dollar figures are estimates representing an effort to remove the effects of price changes from statistical series reported in dollar terms. In general, constant dollar series are derived by dividing current dollar estimates by the appropriate price index for the appropriate period (for example, the Consumer Price Index). The result is a series as it would presumably exist if prices were the same throughout, as in the base year—in other words as if the dollar had constant purchasing power. Any changes in this constant dollar series would reflect only changes in real volume of output, income, expenditures, or other measure.

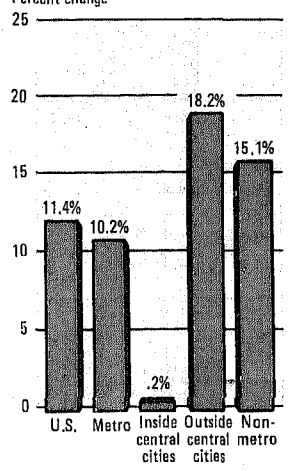
1984 Recent Trends

Population

Resident Population — Percent Change: 1970 to 1980



Metropolitan/Nonmetropolitan Population: 1970 to 1980

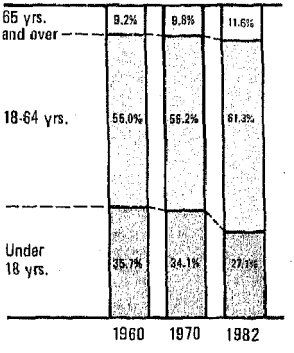


Subject	Unit of measure	1960	1970	1980	Percent change 1960-70	Percent change 1970-80
Resident population, total	Millions	179.3	203.3	226.5	13.4	11.4
Northeast	Millions	44.7	49.1	49.1	9.8	.2
North Central	Millions	51.6	56.6	58.9	9.6	4.0
South	Millions	55.0	62.8	75.4	14.3	20.0
West	Millions	28.1	34.8	43.2	24.2	23.9
In metropolitan areas (318 SMSA's)[1]	Millions	131.3	153.7	169.4	17.1	10.2
Central cities	Millions	(NA)	67.9	68.0	(NA)	.2
Outside central cities	Millions	(NA)	85.8	101.5	(NA)	18.2
In nonmetropolitan areas	*Millions*	*48.0*	*49.6*	*57.1*	3.3	15.1
Urban	Millions	125.3	149.3	167.1	19.2	11.9
Percent of total	Percent	69.9	73.5	73.7	(NS)	(NS)
Rural	Millions	54.1	53.9	59.5	−.3	10.4
White	Millions	158.8	178.1	194.8	12.1	9.4
Black	Millions	18.9	22.6	26.6	19.7	17.9
Persons of Spanish origin[2]	Millions	(NA)	9.1	14.6	(NA)	61.0
Native population	Millions	169.6	193.6	212.6	14.2	9.8
Percent born in other States	Percent	26.4	26.2	31.0	(NS)	(NS)
Foreign born	Millions	9.7	9.6	14.0	−1.2	45.1

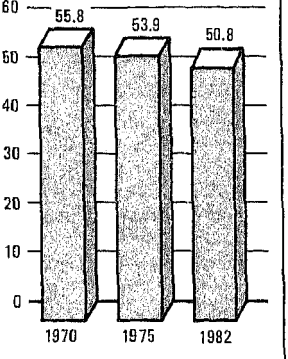
NA Not available. NS Not significant. [1] Standard metropolitan statistical areas as defined, June 30, 1981.
[2] Persons of Spanish origin may be of any race.

Population

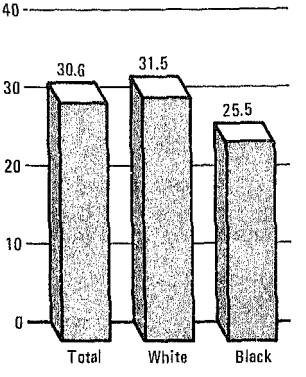
Resident Population — Age Distribution
Percent



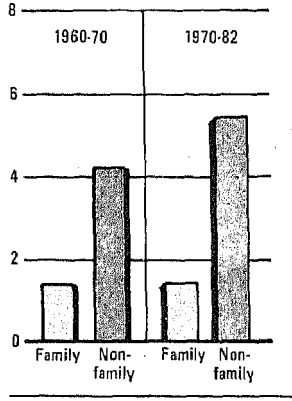
Percent of Families with Children[1]
Percent



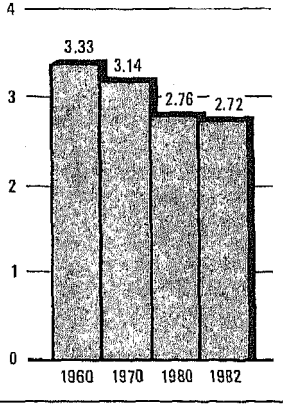
Median Age: 1982
Years



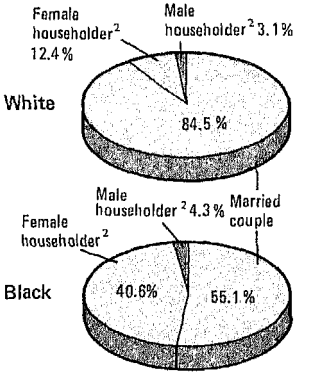
Households
Annual percent change



Persons per Household
Persons



Family Characteristics: 1982

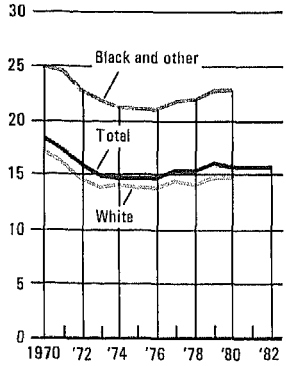


Subject	Unit of measure	1960	1970	1975	1980	1982	Average annual percent change 1960–70	1970–75	1975–82
Resident population, total	Millions	179.3	203.2	215.5	226.5	231.5	1.3	1.2	1.0
Under 18 years	Millions	64.2	69.7	67.2	63.8	62.8	.8	−.7	−1.0
18-64 years	Millions	98.6	113.6	125.6	137.2	141.9	1.4	1.9	1.8
65 years and over	Millions	16.6	20.0	22.7	25.6	26.8	1.9	2.5	2.4
Median age	Years	29.5	28.0	28.7	30.0	30.6	−.5	.5	.9
Households, total	Millions	52.8	63.4	71.1	80.8	83.5	1.9	2.3	2.3
Persons per household	Number	3.33	3.14	2.94	2.76	2.72	−.6	−1.3	−1.1
Family households	Millions	44.9	51.5	55.6	59.6	61.0	1.4	1.5	1.4
Percent with children[1]	Percent	(NA)	56	54	52	51	(NS)	(NS)	(NS)
Married couples	Millions	39.3	44.7	47.0	49.1	49.6	1.3	1.0	.8
Percent with children[1]	Percent	(NA)	57	54	51	49	(NS)	(NS)	(NS)
Female householder[2]	Millions	4.4	5.5	7.1	8.7	9.4	2.2	5.3	4.0
Percent with children[1]	Percent	(NA)	52	60	63	62	(NS)	(NS)	(NS)
Nonfamily households	Millions	7.9	11.9	15.6	21.2	22.5	4.2	5.4	5.4
One-person households	Millions	6.9	10.9	13.9	18.3	19.4	4.6	5.1	4.8

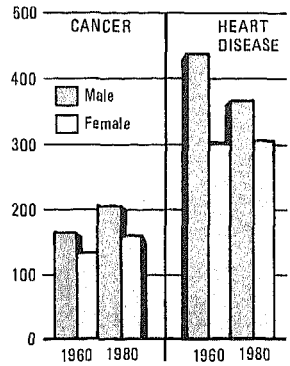
NA Not available. NS Not significant. [1] Own children under 18 years old. [2] No spouse present.

Vital Statistics and Health

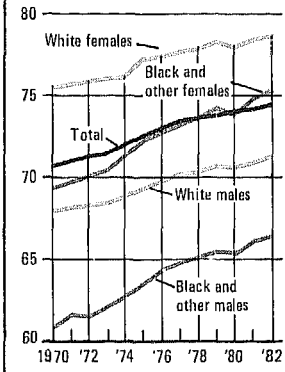
Birth Rate, by Race
Rate per 1,000 population



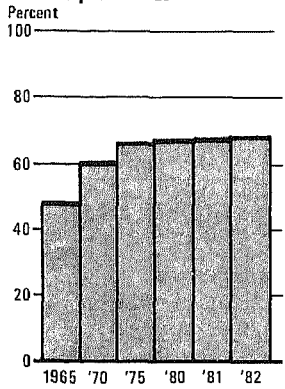
Death Rates, by Cause
Rate per 100,000 population



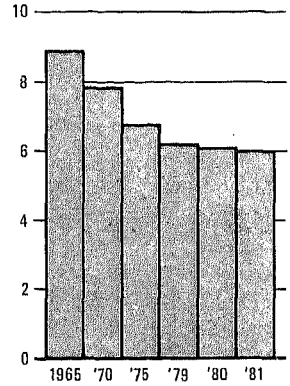
Life Expectancy at Birth
Years



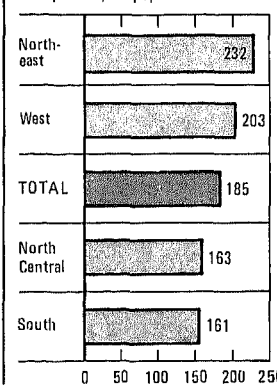
Third Party Payments as Percent of Personal Health Care Expenditures
Percent



Hospital Beds
Rate per 1,000 population



Physicians, by Region: 1981
Rate per 100,000 population

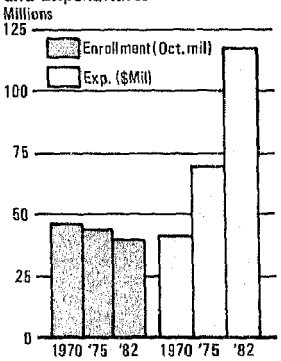


Subject	Unit of measure	1960	1970	1975	1980	1982	Average annual percent change 1960–70	1970–75	1975–82
Births	1,000	4,258	3,731	3,144	3,612	3,704	−1.3	−3.4	2.4
Deaths	1,000	1,712	1,921	1,893	1,990	1,986	1.2	−.3	.7
Birth rate per 1,000 population	Rate	23.7	18.4	14.6	15.9	16.0	−2.5	−4.3	[1] 1.3
White	Rate	22.7	17.4	13.8	14.9	(NA)	−2.6	−4.5	[1] 1.6
Black	Rate	31.9	25.3	20.7	22.1	(NA)	−2.3	−3.9	[1] 1.3
Death rate per 100,000 population	Rate	955	945	879	878	858	−.1	−1.4	.3
Heart disease	Rate	369	362	332	336	(NA)	−.2	−1.7	[1] .2
Cancer	Rate	149	163	170	184	(NA)	.9	.8	[1] 1.6
Marriage rate per 1,000 population	Rate	8.5	10.6	10.0	10.6	10.8	2.2	−1.2	1.1
Divorce rate per 1,000 population	Rate	2.2	3.5	4.8	5.2	5.1	4.8	6.5	.9
Life expectancy at birth: Male	Years	66.6	67.1	68.8	70.0	70.8	.1	.5	.4
Female	Years	73.1	74.8	76.6	77.5	78.2	.2	.5	.3
Personal health care expenditures [2]	$Bil.	23.7	65.1	116.8	219.4	286.9	10.7	12.4	13.7
Third party payments	Percent	45.1	60.1	66.6	67.1	68.5	(NS)	(NS)	(NS)
Hospital beds per 1,000 population	Rate	9.3	7.9	6.8	6.0	[3] 6.0	−1.6	−3.0	[4] −2.1
Physicians, active, non-Federal	1,000	(NA)	279	335	414	[3] 421	(NA)	3.7	[4] 3.9
Rate per 100,000 population	Rate	(NA)	139	157	185	[3] 185	(NA)	2.5	[4] 2.8

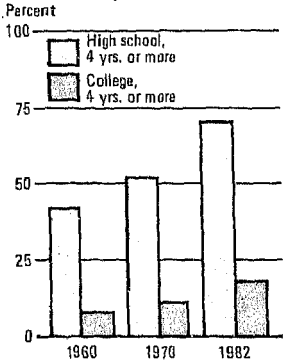
NA Not available. NS Not significant. [1] Change, 1975-80.
[2] Excludes research, construction, public health activities and net cost of insurance. [3] 1981 data [4] Change, 1975-81.

Education and Law Enforcement

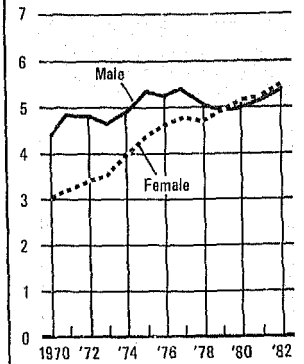
Public School Enrollment and Expenditures[1]



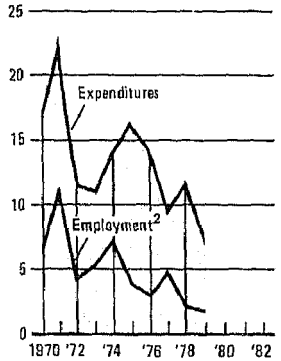
Educational Attainment (Persons 25 yrs. old and over)



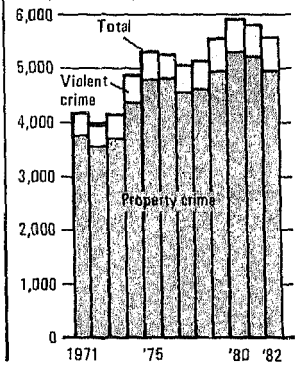
College Enrollment by Sex



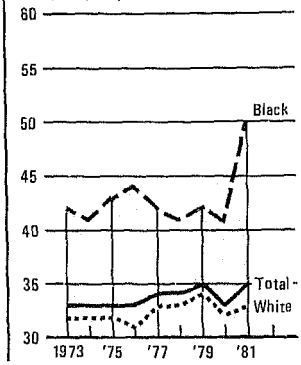
Criminal Justice Employment and Expenditures



Crime Rate



Victimization Rates of Crimes Against Persons

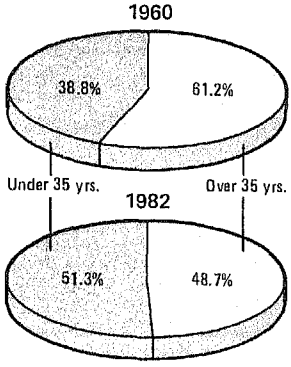


Subject	Unit of measure	1960	1970	1975	1980	1982	Average annual percent change 1960–70	1970–75	1975–82
School enrollment (Oct.)	Millions	46.3	60.4	61.0	57.3	57.9	2.7	.2	.7
Elem. and secondary, public	Millions	36.7	46.2	44.5	(NA)	40.1	2.3	–.7	–1.5
Elem. and secondary, private	Millions	5.9	5.7	5.0	(NA)	4.7	–.3	–2.4	–.9
School expenditures[3]	$Bil.	26.8	71.0	121.6	186.5	215.4	10.1	11.4	8.5
Elem. and secondary, public	$Bil.	13.7	41.0	70.9	102.9	117.6	11.6	11.6	7.5
College enrollment (Oct.)	Millions	3.6	7.4	9.7	10.2	10.9	7.5	5.5	1.7
Percent female	Percent	35.9	40.6	44.9	50.6	50.5	(NS)	(NS)	(NS)
Educational attainment:[4]									
High school, 4 yrs. or more	Percent	41.1	55.2	62.5	68.6	71.0	(NS)	(NS)	(NS)
College, 4 yrs. or more	Percent	7.7	11.0	13.9	17.0	17.7	(NS)	(NS)	(NS)
Crimes, number	1,000	3,384	8,098	11,257	13,295	12,857	9.1	6.8	1.9
Crime rate per 100,000 persons	Rate	1,887	3,985	5,282	5,900	5,553	7.8	5.8	.7
Violent (against persons)	Rate	161	364	482	581	555	8.5	5.8	2.0
Property	Rate	1,726	3,621	4,800	5,319	4,998	7.7	5.8	.6
Criminal justice employment[2]	1,000	(NA)	775	1,051	[5]1,178	(NA)	(NA)	6.3	[6]2.9
Criminal justice expenditures	$Mil.	3,349	8,571	17,249	[5]26,028	(NA)	9.9	15.0	[6]10.8
Criminal victimization rate[7]	Rate	(NA)	(NA)	33	33	[8]35	(NA)	(NA)	[9]1.0

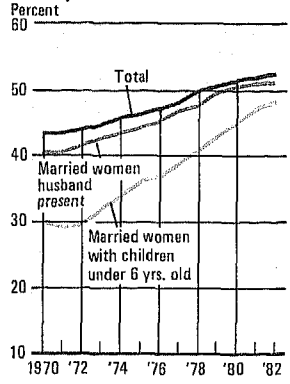
NA Not available. NS Not significant. [1] Kindergarten through 12th grade. [2] Full-time equivalent.
[3] For school year ending in June the following year. [4] Persons 25 years old and over. [5] 1979 data. [6] Change, 1975-79.
[7] Rate per 1,000 persons 12 years old and over. [8] 1981 data. [9] Change 1975-81.

Labor Force and Income

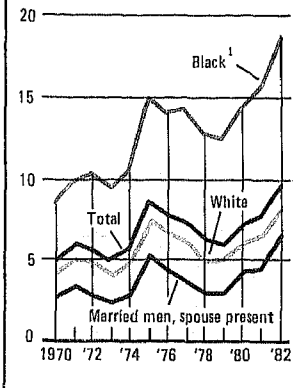
Labor Force — Age Composition



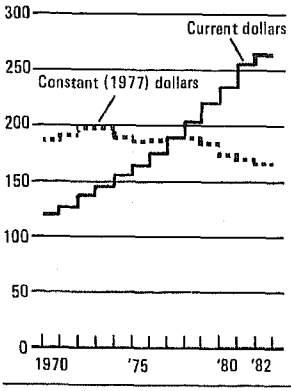
Female Labor Force — Participation Rate



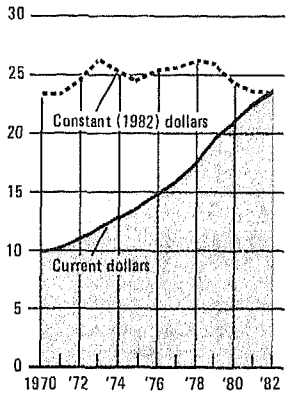
Unemployment Rate



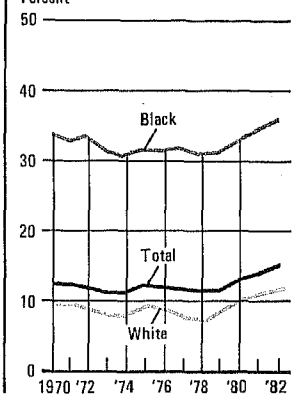
Gross Weekly Earnings — Private Nonagricultural



Median Family Income



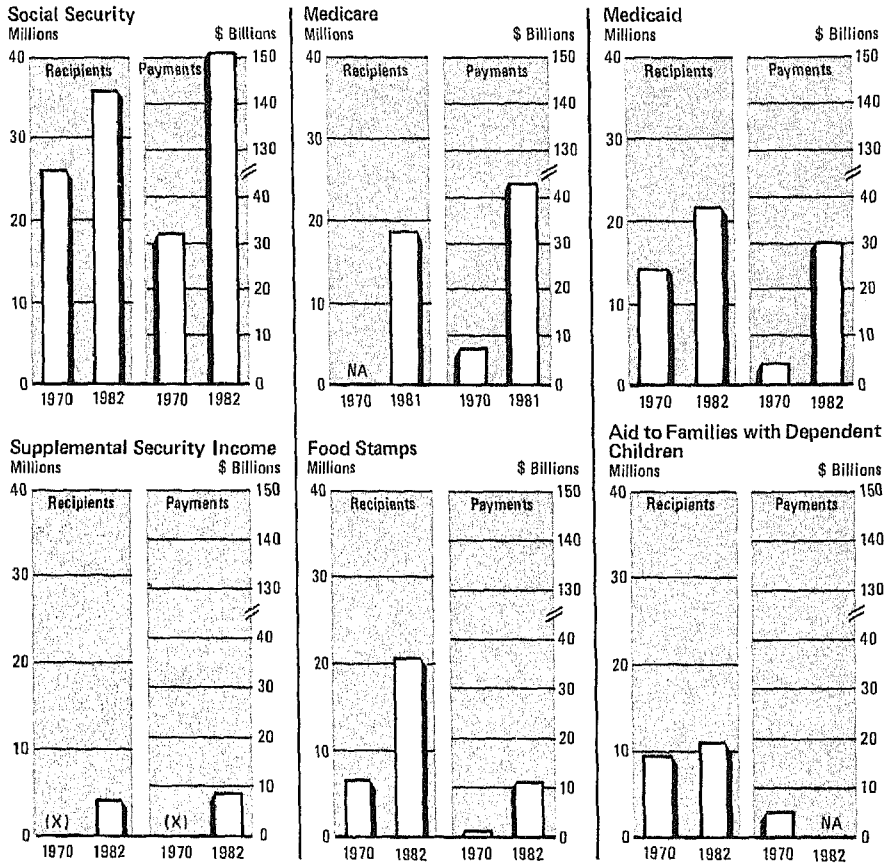
Poverty Rate for Persons



Subject	Unit of measure	1960	1970	1975	1980	1982	Average annual percent change 1960–70	1970–75	1975–82
Total labor force	Millions	71.5	84.9	95.5	108.5	111.9	1.7	2.4	2.3
Unemployed	Millions	3.9	4.1	7.9	7.6	10.7	.6	14.1	4.3
Rate	Percent	5.4	4.8	8.3	7.0	9.5	(NS)	(NS)	(NS)
Civilian labor force	Millions	69.6	82.8	93.8	106.9	110.2	1.7	2.5	2.3
Percent under 35 yrs.	Percent	37.3	42.2	48.6	51.0	50.6	(NS)	(NS)	(NS)
Female participation rate	Percent	37.7	43.3	46.3	51.5	52.6	(NS)	(NS)	(NS)
Married wife, husband present	Percent	30.5	40.8	44.4	50.1	51.2	(NS)	(NS)	(NS)
Gross weekly earnings[2]	Dollars	81	120	164	235	267	4.0	6.4	7.3
Constant (1977) dollars	Dollars	165	187	184	173	168	1.3	−.3	−1.3
Median family income:									
Current dollars	Dollars	5,620	9,867	13,719	21,023	23,433	5.8	6.8	8.0
Constant (1982) dollars	Dollars	18,317	24,528	24,604	24,626	23,433	3.0	.1	−.7
Persons in poverty	Millions	39.9	25.4	25.9	29.3	34.4	−4.4	.4	4.1
Poverty rate	Percent	22.2	12.6	12.3	13.0	15.0	(NS)	(NS)	(NS)
White	Percent	17.8	9.9	9.7	10.2	12.0	(NS)	(NS)	(NS)
Black[3]	Percent	55.9	33.5	31.3	32.5	35.6	(NS)	(NS)	(NS)

NS Not significant. [1] Black and other for 1970 and 1971. [2] Private nonagricultural. [3] 1960, Black and other.

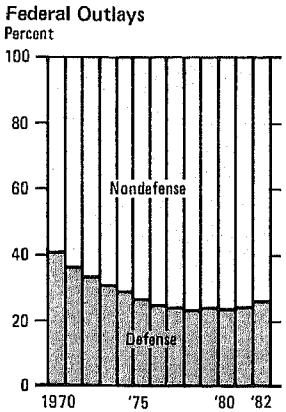
Federal Income Security Programs

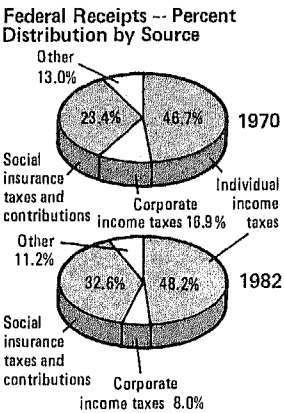


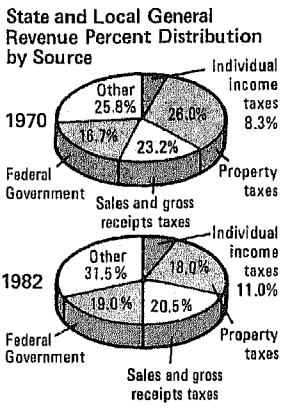
Subject	Unit of measure	1960	1970	1975	1980	1982	Average annual percent change 1960–70	1970–75	1975–82
Social security–									
Recipients	Millions	14.8	26.2	32.1	35.6	35.8	5.9	4.1	1.6
Payments	$Bil.	11	32	67	120	156	11.0	16.0	12.9
Medicare–									
Recipients[1]	Millions	(X)	[2]9.4	13.0	18.0	[3]18.7	(X)	[4]8.4	[5]6.3
Payments	$Bil.	(X)	7.1	15.6	35.7	[3]43.5	(X)	17.0	[5]13.6
Medicaid–									
Recipients	Millions	(X)	14.5	22.2	21.6	21.9	(X)	8.9	–.2
Payments	$Bil.	(X)	4.8	12.3	23.3	29.9	(X)	20.7	13.5
Supplemental Security Income–									
Recipients[6]	Millions	(X)	(X)	4.3	4.1	3.9	(X)	(X)	–1.6
Payments	$Bil.	(X)	(X)	5.9	7.9	9.0	(X)	(X)	6.2
Food stamps–									
Recipients	Millions	(X)	6.5	19.2	22.0	20.3	(X)	24.3	.8
Payments[7]	$Bil.	(X)	.6	4.4	8.7	10.2	(X)	51.5	12.8
Aid to families with dependent children–									
Recipients	Millions	3.1	9.7	11.4	11.1	10.5	12.1	3.4	–1.2
Payments	$Bil.	1.0	4.9	9.2	12.5	[3]13.0	17.1	13.7	[5]6.9

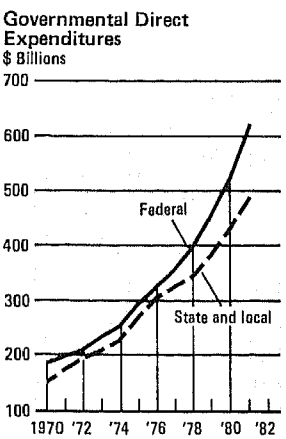
NA Not available. X Not applicable. [1] Represents persons served. [2] 1971 data. [3] 1981 data. [4] Change, 1971-75. [5] Change, 1975-81. [6] Federally administered payments only. [7] Federal costs.

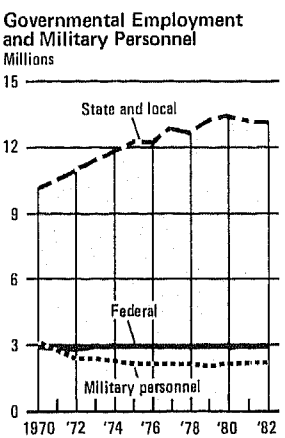
Government, Defense, and Elections

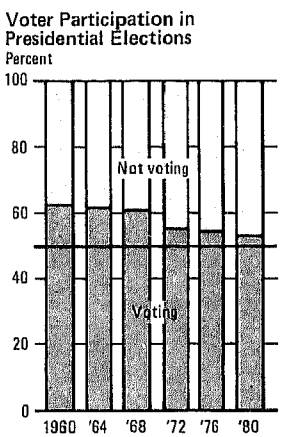










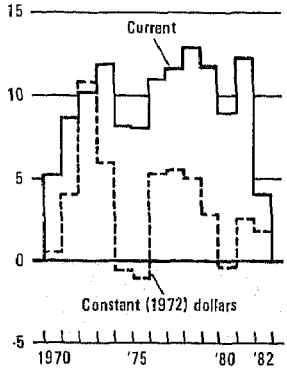


Subject	Unit of measure	1960	1970	1975	1980	1982	Average annual percent change 1960–70	1970–75	1975–82
Federal outlays	$Bil.	92.2	195.7	324.2	576.7	725.3	7.8	10.6	12.2
Defense	Percent	49.0	40.2	26.4	23.5	25.8	(NS)	(NS)	(NS)
Nondefense	Percent	51.0	59.9	73.6	76.5	74.2	(NS)	(NS)	(NS)
Federal receipts	$Bil.	92.5	192.8	279.1	517.1	626.8	7.6	7.7	12.3
Social security taxes	Percent	15.9	23.0	30.3	30.5	32.9	(NS)	(NS)	(NS)
Corporation taxes	Percent	23.2	17.0	14.6	12.5	7.5	(NS)	(NS)	(NS)
Federal debt outstanding	$Bil.	290.9	382.6	544.1	914.3	1,134.2	2.8	7.3	11.1
State and local gov't direct expenditures	$Bil.	61.0	148.1	268.2	432.3	521.0	9.3	12.6	10.0
State and local general revenue	$Bil.	50.5	130.8	228.2	382.3	456.0	10.0	11.8	10.4
Percent Federal	Percent	13.8	16.7	20.6	21.7	19.0	(NS)	(NS)	(NS)
Percent from property taxes	Percent	32.5	26.0	22.6	17.9	18.0	(NS)	(NS)	(NS)
State and local debt outstanding	$Bil.	70.0	143.6	219.9	335.6	399.3	7.5	8.9	8.9
Federal civilian employment	1,000	2,421	2,881	2,890	2,898	2,862	1.9	.3	–.2
State and local employment	1,000	6,387	10,147	12,084	13,315	13,071	4.7	3.6	1.1
Military personnel	1,000	2,476	3,066	2,128	2,051	2,019	2.2	–7.0	–.1
Voter participation in Presidential elections[1]	Percent	62.8	[2]55.2	[3]53.5	52.6	(X)	(NS)	(NS)	(NS)

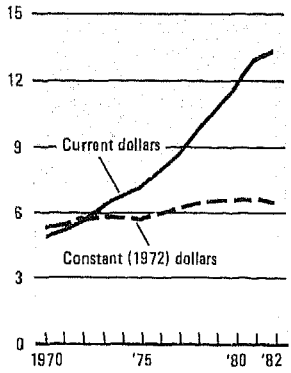
NS Not significant. X Not applicable. [1] Percent of voting-age population casting votes for President. [2] 1972 data.
[3] 1976 data.

Income and Prices

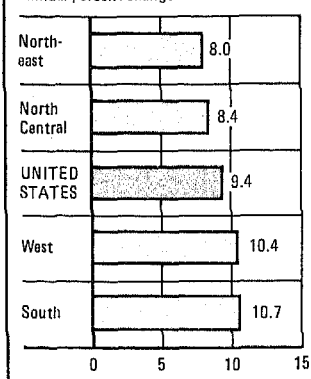
Gross National Product (GNP)
Annual percent change



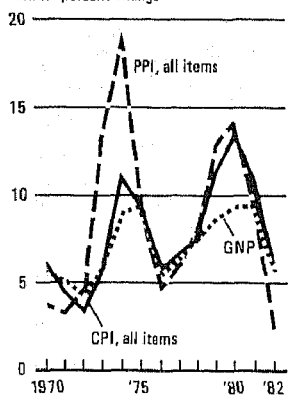
GNP per Capita
$ Thousands



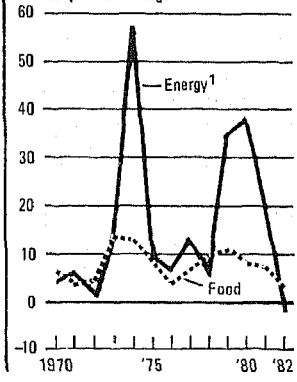
Personal Income: 1970 to 1982
Annual percent change



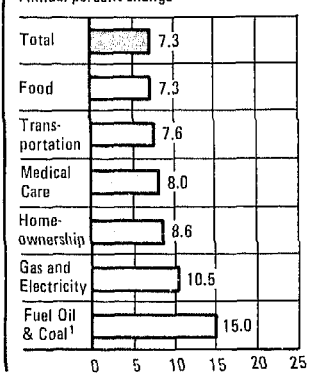
Price Indexes
Annual percent change



Energy and Food Consumer Price Indexes
Annual percent change



Consumer Price Indexes 1970 to 1982
Annual percent change

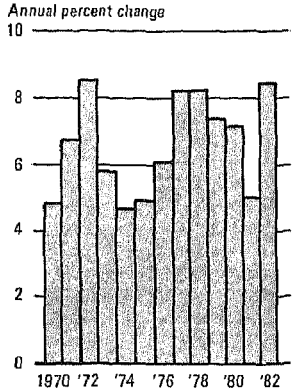


Subject	Unit of measure	1960	1970	1975	1980	1982	Average annual percent change 1960–70	1970–75	1975–82
Gross national product (GNP)	$Bil.	507	993	1,549	2,632	3,073	7.0	9.3	10.3
National income	$Bil.	416	811	1,239	2,117	2,450	6.9	8.9	10.2
Personal income	$Bil.	402	811	1,265	2,165	2,579	7.3	9.3	10.7
Disposable personal income	$Bil.	352	695	1,096	1,829	2,177	7.0	9.5	10.3
Personal saving	$Bil.	20	56	94	110	125	11.0	11.1	4.2
GNP constant (1972) dollars	$Bil.	685	1,030	1,232	1,475	1,485	4.2	3.7	2.7
Per capita	$1,000	3.8	5.0	5.7	6.5	6.4	2.9	2.6	1.7
GNP implicit price deflator, index	1972=100	73.9	96.4	125.8	178.4	206.9	2.7	5.5	7.4
Producer price index (PPI)	1967=100	94.9	110.4	174.9	268.8	299.3	1.5	9.6	8.0
Consumer price index (CPI)	1967=100	88.7	116.3	161.2	246.8	289.1	2.8	6.8	8.7
Food	1967=100	88.0	114.9	175.4	254.6	285.7	2.7	8.8	7.2
Energy[1]	1967=100	89.2	110.1	235.3	556.0	667.9	2.1	16.4	16.1
Medical Care	1967=100	79.1	120.6	168.6	265.9	328.7	4.3	6.9	10.0
Transportation	1967=100	89.6	112.7	150.6	249.7	291.5	2.3	6.0	9.9
Rent	1967=100	91.7	110.1	137.3	191.6	224.0	1.9	4.5	7.2

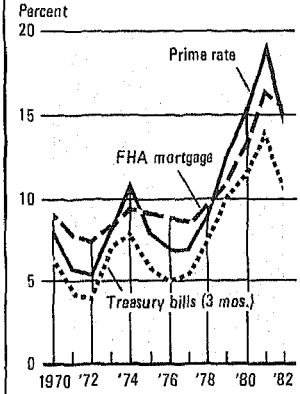
[1] Fuel oil, coal, and bottled gas.

Business and Finance

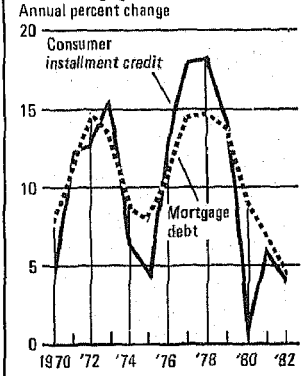
Money Supply (M1-A)
Annual percent change



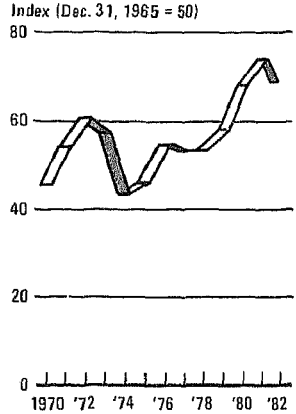
Interest Rates
Percent



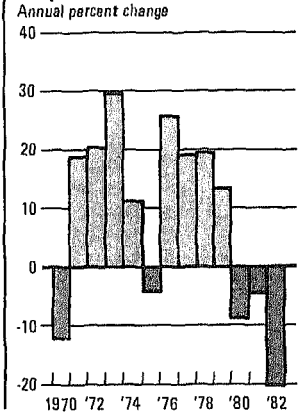
Consumer Installment Credit and Mortgage Debt
Annual percent change



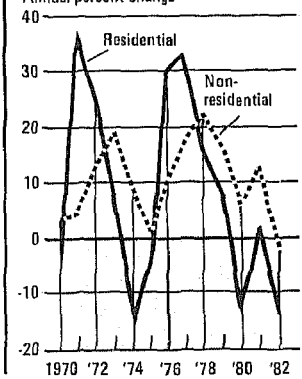
Common Stock Price Index (NYSE)
Index (Dec. 31, 1965 = 50)



Corporate Profits After Taxes
Annual percent change



Gross Private Domestic Investment
Annual percent change

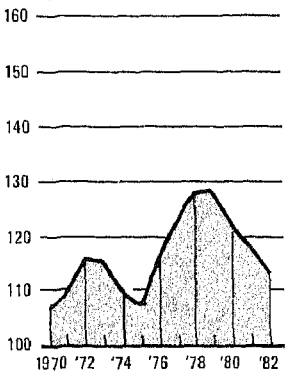


Subject	Unit of measure	1960	1970	1975	1980	1982	Average annual percent change 1960–70	1970–75	1975–82
Money supply (M1-A)	$Bil.	142	217	291	414	478	4.3	6.0	7.4
Interest rates:									
Prime rate charged by banks	Percent	4.8	7.9	7.9	15.3	14.9	(NS)	(NS)	(NS)
Treasury bills, 3-month	Percent	2.9	6.4	5.8	11.4	10.6	(NS)	(NS)	(NS)
Commercial paper	Percent	(NA)	(NA)	6.3	12.7	11.9	(NS)	(NS)	(NS)
Home mortgages, conventional (new)	Percent	(NA)	8.5	9.1	14.0	15.8	(NS)	(NS)	(NS)
Consumer installment credit	$Bil.	45	106	172	314	345	8.9	10.3	10.5
Mortgage debt outstanding	$Bil.	208	474	806	1,472	1,652	8.6	11.2	10.8
NYSE common stock index	Dec. 31, 1965=50	30.0	45.7	45.7	68.1	68.9	4.3	–	6.0
Dow Jones industrial (30 stocks)	Index	618	753	803	891	884	2.0	1.3	1.4
Corporate profits before taxes	$Bil.	49.8	75.4	132.1	234.6	174.2	4.2	11.9	4.0
Corporate profits after taxes	$Bil.	27.1	41.3	81.5	149.8	115.1	4.3	14.6	5.1
Gross private domestic investment	$Bil.	75.9	144.2	206.1	401.9	414.5	6.6	7.4	10.5
Residential, fixed	$Bil.	24.5	37.1	55.3	102.9	90.8	4.3	8.3	7.3
Nonresidential, fixed	$Bil.	48.5	103.9	157.7	308.8	348.3	7.9	8.7	12.0

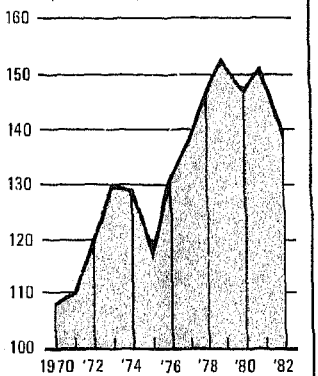
– Represents zero. NA Not available. NS Not significant.

Commerce

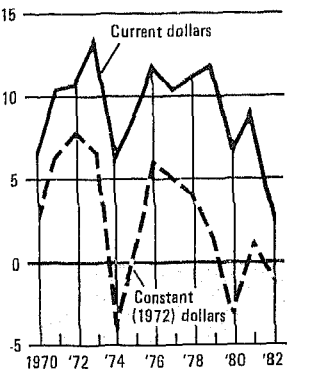
Net Business Formation
Index (1967 = 100)



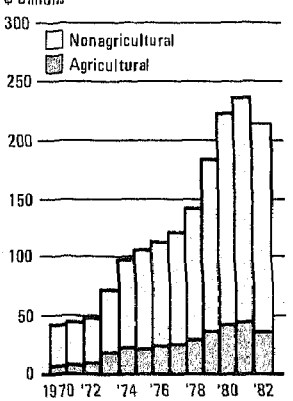
Industrial Production
Index (1967 = 100)



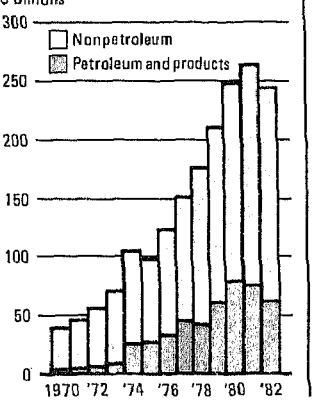
Retail Sales
Annual percent change



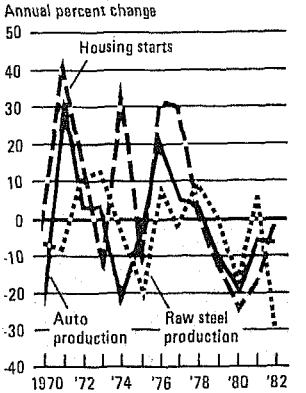
Exports
$ Billions



Imports
$ Billions



Auto and Steel Production and Housing Starts
Annual percent change

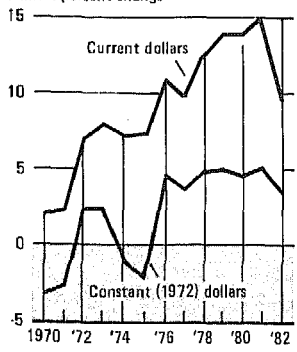


Subject	Unit of measure	1960	1970	1975	1980	1982	Average annual percent change 1960–70	1970–75	1975–82
New business incorporations	1,000	183	264	326	534	[1]582	3.7	4.3	[2]10.1
Business failure rate per 10,000 concerns	Rate	57	44	43	42	[1]61	–2.6	–.5	[2]6.0
Business new capital expenditures	$Bil.	48.6	105.6	157.7	295.6	316.4	8.1	8.4	–20.5
Net business formation	1967=100	94.5	106.4	107.5	122.4	113.0	1.2	.2	.7
Industrial production index	1967=100	66.2	107.8	117.8	147.0	138.6	5.0	1.8	2.4
Relation of output to capacity (manu.)	Percent	80	79	73	79	70	(NS)	(NS)	(NS)
Manu. and trade sales avg. monthly	$Bil.	61	107	182	327	344	5.8	11.2	9.5
Retail trade sales, current dollars	$Bil.	219.5	368.4	588.1	962.8	1,075.7	5.3	9.8	9.0
Constant (1972) dollars	$Bil.	(NA)	391.1	461.5	535.7	536.9	(NA)	3.4	2.2
Domestic exports, total	$Bil.	20.4	42.6	106.6	216.7	207.2	7.6	20.1	10.0
Agricultural	$Bil.	4.8	7.3	21.9	41.2	36.6	4.3	24.7	7.6
General imports, total	$Bil.	15.1	40.0	96.6	244.9	244.0	10.2	19.7	14.2
Petroleum and products	$Bil.	1.6	2.8	24.8	77.6	59.4	6.0	55.1	13.3
Automobile production	Mil. units	(NA)	7.1	7.0	6.6	5.8	(NA)	–.3	–2.7
Raw steel production	Mil. sh. tons	99.3	131.5	116.6	111.8	74.6	2.9	–2.4	–6.2
Housing starts	Mil. units	1.3	1.5	1.2	1.3	1.1	1.3	–4.4	–1.3

NA Not available. NS Not significant. [1] 1981 data. [2] Change, 1975-81.

Science, Communications & Transportation

Research and Development Outlays
Annual percent change



Media

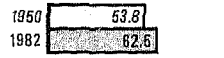
Percent of households with TV sets



Cable TV (Mil. subscribers)

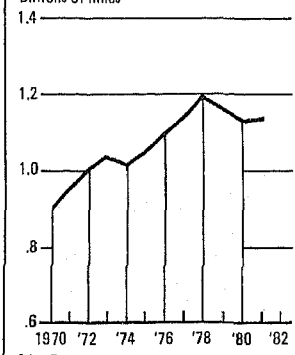


Newspapers* (Millions)

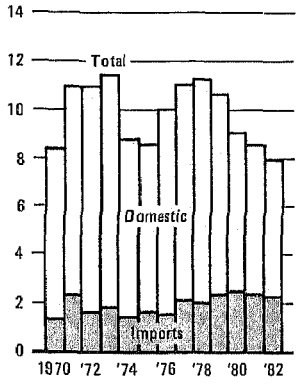


*Daily circulation

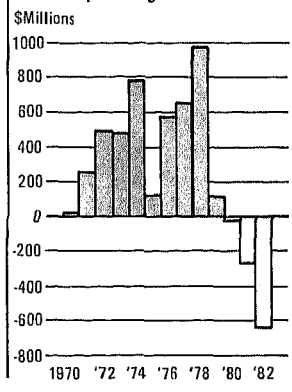
Passenger Cars — Vehicle Miles Traveled[1]
Billions of miles



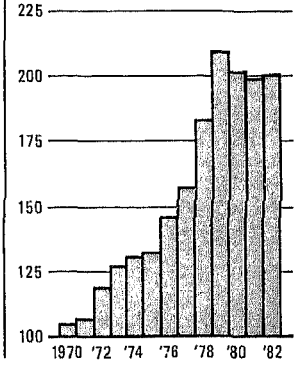
New Auto Sales
Million units



Passenger/Cargo Air Carriers[5] — Net Operating Income
$Millions



Air Carrier — Domestic Revenue Passenger-Miles Flown
Billions of passengers-miles



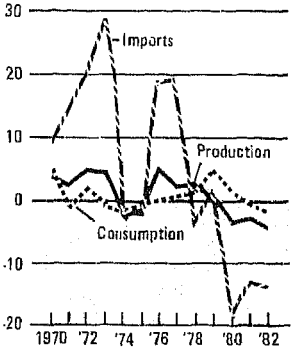
Subject	Unit of measure	1960	1970	1975	1980	1982	Average annual percent change 1960–70	1970–75	1975–82
R and D outlays: Current dollars	$Billions	13.5	26.1	35.2	62.2	79.0	6.8	6.1	12.2
Constant (1972) dollars	$Billions	19.6	28.6	28.2	35.1	38.0	3.8	–.3	4.4
Percent of GNP	Percent	2.7	2.6	2.3	2.4	2.6	(NS)	(NS)	(NS)
Daily newspaper circulation	*Millions*	*58.9*	*62.1*	*60.7*	*62.2*	*62.5*	*.5*	*–.5*	*.4*
Households with TV sets	Millions	45.8	58.5	68.5	76.3	81.5	2.5	3.2	2.5
Cable TV subscribers	Millions	.7	4.5	9.8	16.0	21.0	20.5	16.8	11.5
Passenger cars: Registration[1]	Millions	61.7	89.2	106.7	121.6	124.8	3.8	3.7	2.3
Vehicle miles traveled	Billions	588	901	1,051	1,130	[2]1,132	4.4	3.1	[3]1.3
Fuel consumed, avg. per vehicle	Gallons	777	830	790	711	[2]697	.7	–1.0	[3]–2.1
New automobile retail sales	Millions	8.6	8.4	8.6	9.0	8.0	2.4	.6	–1.1
Domestic sales	Millions	6.1	7.1	7.1	6.6	5.8	1.5	–.2	–2.9
Import sales	Millions	.5	1.3	1.6	2.4	2.2	9.9	4.3	4.9
Railroads: Passengers carried	Millions	326	284	269	300	(NA)	–1.4	–1.1	[4]2.2
Revenue-tons originated	Millions	1,241	1,485	1,395	1,492	1,269	1.8	–1.2	–1.3
Air carriers: Revenue-passenger miles flown[5]	Billions	30.6	104.1	131.7	200.8	209.5	13.0	4.8	6.9
Net operating income or loss[5]	$Millions	38	3	129	–6	–736	(X)	(X)	(X)

NA Not available. NS Not significant. X Not applicable. [1] Includes taxis. [2] 1981 data. [3] Change, 1975-81. [4] Change, 1975-80. [5] Certificated route carriers.

Energy and Agriculture

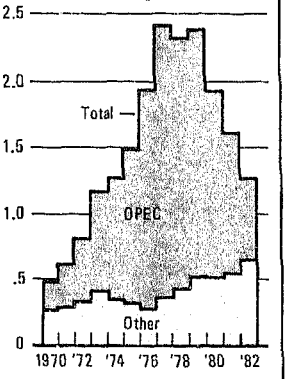
Energy Production, Consumption, and Imports

Annual percent change

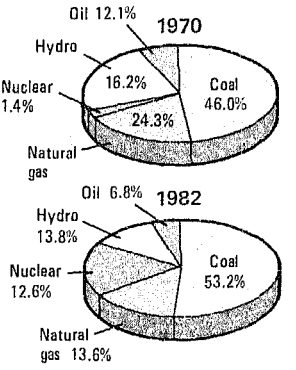


Crude Oil Imports into the U.S.

Billions of barrels (42 gal.)

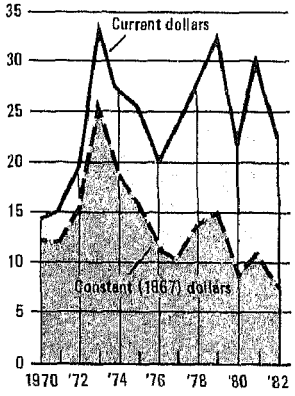


Electric Energy Production, by Source of Energy



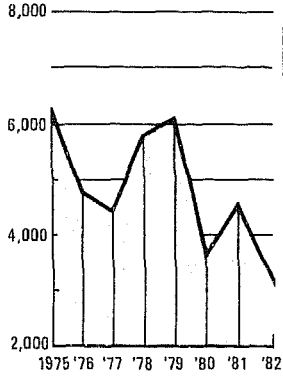
Net Farm Income

$ Billions



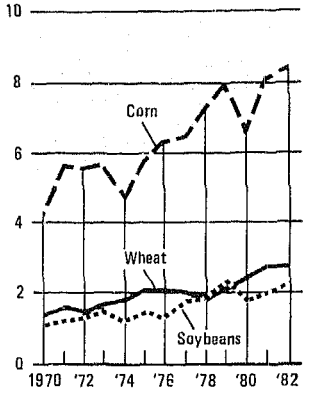
Net Income from Farming per Farm

In Constant (1967) Dollars



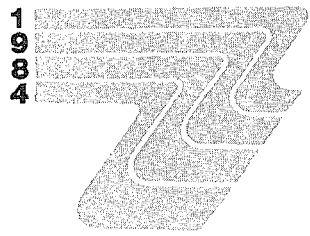
Crop Production

Billion bushels



Subject	Unit of measure	1960	1970	1975	1980	1982	Average annual percent change 1960–70	1970–75	1975–82
Energy consumption	Quad. Btu	44.1	66.8	70.7	76.0	70.9	4.2	1.1	(Z)
Energy production	Quad. Btu	41.8	62.5	60.1	64.8	63.6	4.1	–.8	.8
Energy imports	Quad. Btu	4.2	8.4	14.1	16.0	12.0	7.2	10.9	–2.3
Fossil fuel prices per mil. Btu's	Dollars	.28	.32	.82	2.05	2.77	1.2	20.7	18.9
Crude oil production	Mil. bbl.	2,575	3,517	3,057	3,146	3,165	3.2	–2.8	.5
Imports	Mil. bbl.	372	483	1,498	1,926	1,263	2.7	25.4	–2.4
Electric utility production	Bil. kWh.	842	1,640	2,003	2,286	2,241	6.9	4.1	1.6
Nuclear	Bil. kWh.	1	22	173	251	283	36.2	51.1	7.3
Farms, number[1]	Millions	4.0	2.9	2.5	2.4	2.4	–2.9	(X)	–.7
Land in farms (acres)[1]	Millions	1,176	1,102	1,059	1,042	1,039	–.6	(X)	–.3
Net farm income: Current dollars	$Bil.	11.5	14.4	25.6	21.5	22.1	2.3	12.2	–2.1
Constant (1967) dollars	$Bil.	13.0	12.4	15.9	8.7	7.6	–.5	5.1	–10.0
Corn production	Bil. bu.	3.9	4.2	5.8	6.6	8.4	.6	7.1	5.4
Wheat production	Bil. bu.	1.4	1.4	2.1	2.4	2.8	(–Z)	9.5	4.2
Soybean production	Bil. bu.	.6	1.1	1.5	1.8	2.3	7.3	6.6	5.7
Meat production	Bil. lb.	28.2	36.2	36.8	39.0	37.6	2.5	.3	.3

X Not applicable. Z Less than .05 percent. [1] 1960 and 1970 based on 1969 census definition, 1975-82 based on 1974 definition.



Section 1

Population

This section presents statistics on the growth, distribution, and characteristics of the U.S. population. The principal source of these data is the Bureau of the Census, which conducts a decennial census of population, a monthly population survey, a program of population estimates and projections, and a number of other periodic surveys relating to population characteristics. For a list of relevant publications, see the Guide to Sources in Appendix IV.

Decennial censuses.—The U.S. Constitution provides for a census of the population every 10 years, primarily to establish a basis for apportionment of members of the House of Representatives among the States. For over a century after the first census in 1790, the census organization was a temporary one, created only for each decennial census. In 1902, the Bureau of the Census was established as a permanent Federal agency, responsible for enumerating the population and also for compiling statistics on other subjects.

The census of population is a complete count. That is, an attempt is made to account for every person, for each person's residence, and for other characteristics (sex, age, family relationships, etc.). Since the 1940 census, in addition to the complete count information, some data have been obtained from representative samples of the population. In the 1980 census, two sampling rates were employed. For most of the country, one in every six households (about 17 percent) received the long form or sample questionnaire; in areas estimated to have fewer than 2,500 inhabitants, every other household (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas. Exact agreement is not to be expected between sample data and the complete census count. Sample data may be used with confidence where large numbers are involved and assumed to indicate trends and relationships where small numbers are involved.

Three different census counts for the resident population in 1970 are shown in the tables: 203,211,926; 203,235,298; and 203,302,031. The first is the initial tabulated count, the second is the official count, and the third contains the latest revisions. Breakdowns of the revised count of 203,302,031 are not available for demographic characteristics and may not be available for some levels of geography.

The complete count data from the 1980 census shown in this edition are, where possible, consistent with figures published in the 1980 census final reports, series PC80-1-A (U.S. population: 226,545,805). In some cases the data are consistent with figures published in the 1980 census advance reports, series PHC80-V, (U.S. population: 226,504,825).

Reassessment of the evaluation studies of the 1970 census indicates a total net underenumeration of about 4.7 million persons in 1970, compared with 5.1 million in 1960. Among the persons who were not counted in 1970, about 2.9 million were White and about 1.9 million were Black. The overall rate of net underenumeration in 1970 was about 2.2 percent, compared with 2.7 percent in 1960 and 3.3 percent in 1950. Comparable estimates of net underenumeration for 1980 have not been completely developed. However, preliminary results indicate that overall coverage probably improved in the 1980 census and that the number of Blacks not counted dropped to between 1.3 and 1.5 million. Census data presented here have not been adjusted for underenumeration. See *Estimates of Coverage of Population by Sex, Race, and Age: Demographic Analysis,* PHC(E)-4, February 1974 for a discussion of the 1950, 1960, and original 1970 estimates and *Coverage of the National Population by Age, Sex, and Race in the 1980 Census: Preliminary Estimates by Demographic Analysis (Current Population Reports,* series P-23, No. 115) for the revised 1970 and preliminary 1980 coverage estimates.

Current Population Survey (CPS).—This is a monthly nationwide survey of a scientifically selected sample representing the noninstitutional civilian population. The sample is drawn from about 600 areas comprising approximately 1,100 counties and independent cities with coverage in every State and the District of Columbia and is subject to sampling error. At the present time, about 71,000 housing units or other living quarters are assigned for interview at any time, of which about 60,000 are occupied by households eligible for interview; of these, in turn, about 4 percent are, for various reasons, unavailable for interview.

While the primary purpose of CPS is to obtain monthly statistics on the labor force, it also serves as a vehicle for inquiries on other subjects. Using CPS data, the Bureau issues a series of publications under the general title of Current Population Reports, which cover population characteristics (series P-20), consumer income (series P-60), special studies (series P-23), and other topics.

Estimates of population characteristics based on the 1980 CPS will not agree with the counts from the 1980 census because the CPS and the 1980 census used different procedures for collecting and processing the data for racial groups and the Spanish origin population. Caution should also be used when comparing estimates for 1980 and later, (for education data, 1981 and later), which reflect 1980 census-based population controls to those for 1971 through 1979 (for education, to 1980), which reflect 1970 census-based population controls. This change in population controls had relatively little impact on summary measures such as means, medians, and percent distribution, but did have a significant impact on levels. For example, use of 1980-based population controls resulted in about a 2-percent increase in the civilian noninstitutional population and in the number of families and households. Thus, estimates of levels for 1980 and later will differ from those for earlier years by more than what could be attributed to actual changes in the population and these differences could be disproportionately greater for subpopulation groups than for the total population.

Population estimates and projections.—National population estimates are derived by using decennial census data as benchmarks and data available from various agencies as follows: Births and deaths (National Center for Health Statistics); immigrants (Immigration and Naturalization Service); Armed Forces (Department of Defense); net movement between Puerto Rico and the U.S. mainland (Puerto Rico Planning Board); and Federal employees abroad (Office of Personnel Management and Department of Defense). Estimates for States and smaller areas are based on data series such as births and deaths, school statistics from State departments of education and parochial school systems, labor force data, and Federal income tax returns. Current population estimates and projections for the 1970's and later are consistent with counts shown in 1980 census *Advance Reports,* series PHC80-V.

The estimate of the net migration component shown for intercensal periods for States is a residual value which includes the "error of closure," the unexplained difference between the estimated population at the end of the decade and the census count for that date. The error of closure at the national level was quite small during the 1950's (3,000) and 1960's (379,000). However, for the 1970's it amounts to almost 5 million of the 9 million "net migration." Consequently, the migration estimates for the 1970's should be used with considerable caution.

National population projections indicate the approximate future level and characteristics of the population under given assumptions as to future fertility, mortality, and net immigration. The method used to develop the projections involves preparation of projections of each of the components of population change—births, deaths, and net immigration—and the combination of these with July 1 estimates of the current population. Projections for States incorporate further assumptions about the redistribution of population as a consequence of internal migration.

Population estimates and projections are published in the P-25 and P-26 series of Current Population Reports. These estimates and projections are generally consistent with official decennial census figures and do not reflect the amount of estimated census underenumeration. For details on methodology, see the sources cited below the individual tables.

Metropolitan Statistical Areas (MSA's), Consolidated Metropolitan Statistical Areas (CMSA's) and Primary Metropolitan Statistical Areas (PMSA's).—The general concept of an MSA is one of a large population nucleus together with adjacent communities which have a high degree of social and economic integration with that nucleus. CMSA's are large metropolitan complexes within which individual components, designated as PMSA's, have been defined. MSA's, CMSA's, and PMSA's are defined by the Office of Management and Budget as a standard for Federal agencies in the preparation and publication of statistics relating to metropolitan areas. The new terms MSA, CMSA, and PMSA went into effect June 30, 1983, replacing the previous terms SMSA (standard metropolitan stastistical area) and SCSA (standard consolidated statistical area). The entire territory of the United States is classified as metropolitan (inside MSA's or CMSA's) or nonmetropolitan (outside MSA's or CMSA's). MSA's, CMSA's, and PMSA's are defined in terms of entire counties except in New England, where the definitions are in terms of cities and towns. To summarize data for New England that are available only by counties, New England County Metropolitan Areas (NECMA's) have been defined as a convenience for data users. From time to time, new metropolitan areas are created and the boundaries of others change. As a result, data for metropolitan areas over time may not be comparable and the analysis of historical trends must be made cautiously. For descriptive details, tables showing changes in metropolitan area definitions, and a listing of area titles and components of each metropolitan area, see Appendix II.

Urban and rural.—According to the 1980 census definition, the urban population comprises all persons living in (a) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs (except in Alaska and New York), and towns (except in the New England States, New York, and Wisconsin), but excluding those persons living in the rural portions of extended cities (places with low population density in one or more large parts of their area); (b) census designated places (previously termed unincorporated) of 2,500 or more inhabitants; and (c) other territory, incorporated or unincorporated, included in urbanized areas. An urbanized area consists of a central city or a central core, together with contiguous closely settled territory, that combined have a total population of at least 50,000.

In censuses prior to 1950, the urban population comprised all persons living in incorporated places of 2,500 or more inhabitants and areas (usually minor civil divisions) classified as urban under special rules relating to population size and density. To improve its measure of the urban population, the Bureau of the Census in 1950 adopted the concept of the urbanized area and delineated boundaries for unincorporated places. The 1950 definition has continued substantially unchanged, except for minor modifications in 1960, the introduction of the extended city concept in 1970, and changes in the criteria for defining urbanized areas for 1980 so as to permit such areas to be defined around smaller centers. In all definitions, the population not classified as urban constitutes the rural population.

Residence.—In determining residence, the Bureau of the Census counts each person as an inhabitant of a usual place of residence (i.e., the place where one usually eats and sleeps). While this place is not necessarily a person's legal residence or voting residence, the use of these different bases of classification would produce the same results in the vast majority of cases.

Race.—In the 1980 census, 15 groups were listed in the race item on the 1980 census questionnaire: White, Black, American Indian, Eskimo, Aleut, Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, Guamanian, and Other. The concept of race as used by the Census Bureau does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification by respondents, the data represent self-classification by people according to the race with which they identify.

In 1980, if persons of mixed racial parentage could not provide a single response to the race question, the race of the person's mother was used; however, if a single response could not be provided for the mother, then the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The 1980 population totals for "White" and "Other" are not comparable with corresponding figures from previous censuses. The lack of comparability is due to changes in the way some respondents reported their race as well as changes in 1980 census procedures related to the racial classification. (For a fuller explanation, see *1980 Census of Population, Volume I, General Population Characteristics* (PC80-1-B).)

Estimates of the population by race for April 1, 1980 (shown in tables 32 and 33) are modified counts and are not comparable to the 1980 census race categories. These estimates were computed using 1980 census data by race which had been modified to be consistent with the race categories used in the reporting of vital statistics by the U.S. National Center for Health Statistics. A detailed explanation of the race modification procedure appears in *Current Population Reports,* series P-25, No. 917.

In the Current Population Survey (CPS) and other household sample surveys in which data are obtained through personal interview, respondents are asked to classify their race as 1) White, 2) Black, 3) American Indian, Aleut, or Eskimo, or 4) Asian or Pacific Islander. The procedures for classifying persons of mixed races who could not provide a single response to the race question are generally similar to those used in the 1980 census. For comments on comparability of 1980 CPS and census data, see section above on Current Population Survey.

Spanish origin.—In the 1980 census, the Bureau of the Census collected data on the Spanish origin population in the United States by using a self-identification question. Persons of Spanish/Hispanic origin or descent are those who classified themselves in one of the specific Spanish origin categories listed on the questionnaire—Mexican, Puerto Rican, Cuban, or Other Spanish/Hispanic origin. The 1980 figures on Spanish origin are not directly comparable with 1970 census data on Spanish origin because of factors such as overall improvements in the 1980 census and improved question design. Also, it should be noted that persons of Spanish origin may be of any race.

In the Current Population Survey (CPS), information on persons of Spanish origin was gathered by using a self-identification question. Persons classified themselves in one of the Spanish origin

categories in response to the question: "What is the origin or descent of each person in this household?" Persons of Spanish origin in the CPS were persons who reported themselves as Mexican-American, Chicano, Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish origin.

Ancestry.—Information on ancestry (ethnicity) was collected in the 1980 Census of Population. The ancestry question was open-ended (that is, no prelisted categories were provided) and was worded "What is this person's ancestry?" Persons were asked to report their ancestry group(s) based on self-identification. Ancestry refers to the nationality group, lineage, descent, or the country in which the person or person's parents or ancestors were born before their arrival in the United States. Thus, persons reported their ancestry group(s) regardless of the number of generations removed from their country of origin. Responses to the ancestry question reflect ethnic group(s) with which persons identified but did not necessarily indicate the degree of attachment or association the person had with the particular ethnic group(s).

Nativity.—The native population consists of all persons born in the U.S., Puerto Rico, or an outlying area of the U.S. It also includes persons born at sea or in a foreign country who have at least one American parent. All others are classified as "foreign born."

Mobility status.—The U.S. population is classified according to mobility status on the basis of a comparison between the place of residence of each individual at the time of the survey or census and the place of residence at a specified earlier date. Nonmovers are all persons who were living in the same house or apartment at the end of the period as at the beginning of the period. Movers are all persons who were living in a different house at the end of the period from that in which they were living at the beginning of the period. Movers from abroad include all persons, either citizens or aliens, whose place of residence was outside the U.S. at the beginning of the period; that is, in Puerto Rico, an outlying area under the jurisdiction of the U.S., or a foreign country.

Living arrangements.—Living arrangements may be in households or in group quarters. A "household" comprises all persons who occupy a "housing unit," that is, a house, an apartment or other group of rooms, or a single room that constitutes "separate living quarters." A household includes the related family members and all the unrelated persons, if any, such as lodgers, foster children, wards, or employees who share the housing unit. A person living alone or a group of unrelated persons sharing the same housing unit as partners is also counted as a household. See text, section 28, Construction and Housing, for definition of "housing unit."

All persons not living in households are classified as living in group quarters. These individuals may be institutionalized, e.g., under care or custody in juvenile facilities, jails, correctional centers, hospitals, or rest homes; or they may be residents in college dormitories, military barracks, rooming houses, etc. (see table 77).

Householder.—Beginning in 1980, the terms "householder" and "family householder" have been used in the presentation of data that had previously been presented with the designations "head of household" and "head of family". The householder is the first adult household member listed on the questionnaire. The instructions call for listing first the person (or one of the persons) in whose name the home is owned or rented. If a home is owned or rented jointly by a married couple, either the husband or the wife may be listed first. Prior to 1980, the husband was always considered the household head (householder) in married-couple households.

Family.—The term "family" refers to a group of two or more persons related by birth, marriage, or adoption and residing together in a household. A family includes among its members the person or couple who maintains the household.

Subfamily.—Subfamilies are divided into "related" and "unrelated" subfamilies. A related subfamily consists of a married couple and their children, if any, or one parent with one or more never married children under 18 years old living in a household and related to, but not including, the person or couple who maintains the household. Members of a related subfamily are also members of the family with whom they live. The number of related subfamilies, therefore, is not included in the number of families. An unrelated subfamily comprises two or more persons such as guests, lodgers, or resident employees who are related to each other but not to the person or couple who maintains the household in which they live.

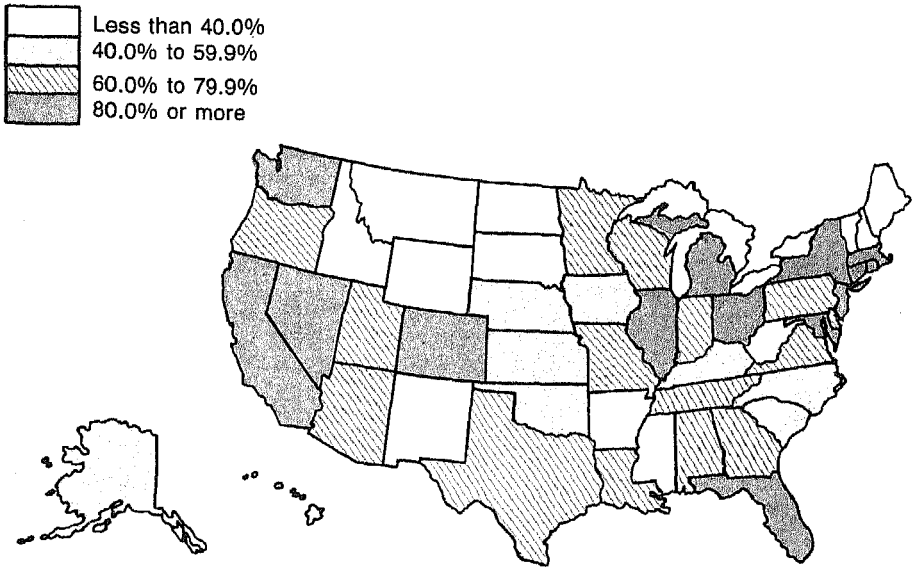
Married couple.—A "married couple" is defined as a husband and wife living together in the same household, with or without children and other relatives.

Unrelated individuals.—"Unrelated individuals" refers to persons (other than inmates of institutions) who are not living with any relatives. An unrelated individual may be a nonfamily householder who lives alone or with nonrelatives only or a secondary individual such as a guest, lodger, or resident employee who is not related to any other persons in the household. Persons in group quarters, except inmates of institutions, are classified as secondary individuals.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

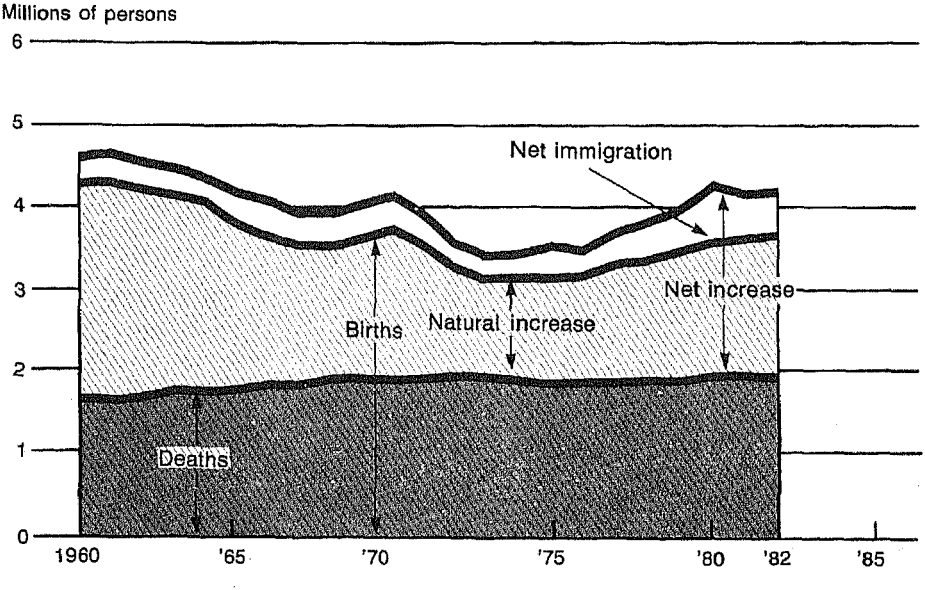
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 1.1
Metropolitan Area Population as Percent of Total State Population: 1980



Note: Population in Metropolitan Statistical areas defined as of June 30, 1983.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 22.

Figure 1.2
Components of Population Change: 1960 to 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 7.

No. 1. Population and Area: 1790 to 1980

[Area figures represent area on indicated date including in some cases considerable areas not then organized or settled, and not covered by the census. Total area figures for 1790–1970 have been recalculated on the basis of the remeasurement of States and counties for the 1980 census. The land and water area figures for past censuses have not been adjusted and are not strictly comparable with the total area data for comparable dates because the land areas were derived from different base data, and these values are known to have changed with the construction of reservoirs, draining of lakes, etc. Density figures are based on land area measurements as reported in earlier censuses. For additional area data, see tables 5 and 339.]

Census date	Resident population				Area (square miles)		
	Number	Per square mile of land area	Increase over preceding census		Gross	Land	Water
			Number	Percent			
CONTERMINOUS U.S.[1]							
1790 (Aug. 2)	3,929,214	4.5	(x)	(x)	891,364	864,746	24,065
1800 (Aug. 4)	5,308,483	6.1	1,379,269	35.1	891,364	864,746	24,065
1810 (Aug. 6)	7,239,881	4.3	1,931,398	36.4	1,722,685	1,681,828	34,175
1820 (Aug. 7)	9,638,453	5.5	2,398,572	33.1	1,792,552	1,749,462	38,544
1830 (June 1)	12,866,020	7.4	3,227,567	33.5	1,792,552	1,749,462	38,544
1840 (June 1)	17,069,453	9.8	4,203,433	32.7	1,792,552	1,749,462	38,544
1850 (June 1)	23,191,876	7.9	6,122,423	35.9	2,991,655	2,940,042	52,705
1860 (June 1)	31,443,321	10.6	8,251,445	35.6	3,021,295	2,969,640	52,747
1870 (June 1)	[2]39,818,449	[2]13.4	8,375,128	26.6	3,021,295	2,969,640	52,747
1880 (June 1)	50,155,783	16.9	10,337,334	26.0	3,021,295	2,969,640	52,747
1890 (June 1)	62,947,714	21.2	12,791,931	25.5	3,021,295	2,969,640	52,747
1900 (June 1)	75,994,575	25.6	13,046,861	20.7	3,021,295	2,969,834	52,553
1910 (Apr. 15)	91,972,266	31.0	15,977,691	21.0	3,021,295	2,969,565	52,822
1920 (Jan. 1)	105,710,620	35.6	13,738,354	14.9	3,021,295	2,969,451	52,936
1930 (Apr. 1)	122,775,046	41.2	17,064,426	16.1	3,021,295	2,977,128	45,259
1940 (Apr. 1)	131,669,275	44.2	8,894,229	7.2	3,021,295	2,977,128	45,259
1950 (Apr. 1)	150,697,361	50.7	19,028,086	14.5	3,021,295	2,974,726	47,661
1960 (Apr. 1)	178,464,236	60.1	27,766,875	18.4	3,021,295	2,968,054	54,207
UNITED STATES							
1950 (Apr. 1)	151,325,798	42.6	19,161,229	14.5	3,618,770	3,552,206	63,005
1960 (Apr. 1)	179,323,175	50.6	27,997,377	18.5	3,618,770	3,540,911	74,212
1970 (Apr. 1)	[3]203,302,031	[3]57.4	23,978,856	13.4	3,618,770	[3]3,540,023	[3]78,444
1980 (Apr. 1)	226,545,805	64.0	23,243,774	11.4	3,618,770	3,539,289	79,481

X Not applicable. [1] Excludes Alaska and Hawaii. [2] Revised to include adjustments for underenumeration in Southern States; unrevised number is 36,558,371 (13.0 per square mile). [3] Figures corrected after 1970 final reports were issued.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1920 to 1980*, vol. I; and other reports and unpublished data. See also *Areas of the United States, 1940*, and *Area Measurement Reports*, series GE-20, No. 1.

No. 2. Population: 1900 to 1983

[In millions, except percent. Estimates as of **July 1.** Prior to 1940, excludes Alaska and Hawaii. Total population includes Armed Forces abroad; civilian population excludes Armed Forces. See text, p. 2, for basis of estimates. See also *Historical Statistics, Colonial Times to 1970*, series A 6–8]

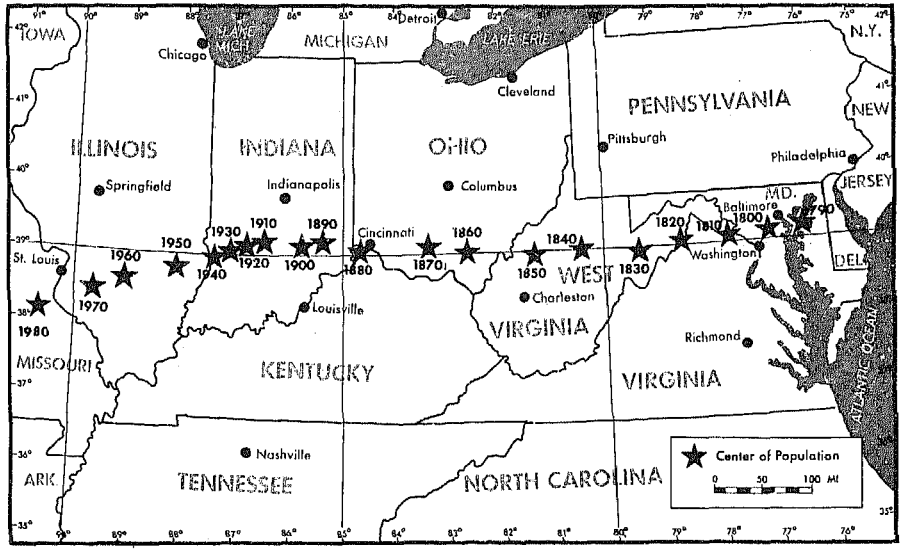
Year	Resident population	Year	Resident population	Year	Total		Resident population	Civilian population	Year	Total		Resident population	Civilian population
					Population	Percent change				Population	Percent change		
1900	76.1	1920	106.5	1940	132.6	1.3	132.5	132.1	1962	186.6	1.5	185.8	183.7
1901	77.6	1921	108.5	1941	133.9	1.0	133.7	132.1	1963	189.2	1.4	188.5	186.5
1902	79.2	1922	110.1	1942	135.4	1.1	134.6	131.4	1964	191.9	1.4	191.1	189.1
1903	80.6	1923	112.0	1943	137.3	1.4	135.1	128.0	1965	194.3	1.3	193.5	191.6
1904	82.2	1924	114.1	1944	138.9	1.2	133.9	127.2	1966	196.6	1.2	195.6	193.4
1905	83.8	1925	115.8	1945	140.5	1.1	133.4	128.1	1967	198.7	1.1	197.5	195.3
1906	85.4	1926	117.4	1946	141.9	1.0	140.7	138.9	1968	200.7	1.0	199.4	197.1
1907	87.0	1927	119.0	1947	144.7	1.9	144.1	143.1	1969	202.7	1.0	201.4	199.1
1908	88.7	1928	120.5	1948	147.2	1.7	146.7	145.7	1970	205.1	1.2	204.0	201.9
1909	90.5	1929	121.8	1949	149.8	1.7	149.3	148.2	1971	207.7	1.3	206.8	204.9
1910	92.4	1930	123.1	1950	152.3	1.7	151.9	150.8	1972	209.9	1.1	209.3	207.5
1911	93.9	1931	124.1	1951	154.9	1.7	154.0	151.6	1973	211.9	1.0	211.4	209.6
1912	95.3	1932	124.8	1952	157.6	1.7	156.4	153.9	1974	213.9	.9	213.3	211.6
1913	97.2	1933	125.6	1953	160.2	1.7	159.0	156.6	1975	216.0	1.0	215.5	213.8
1914	99.1	1934	126.4	1954	163.0	1.8	161.9	159.7	1976	218.0	1.0	217.6	215.9
1915	100.5	1935	127.3	1955	165.9	1.8	165.1	163.0	1977	220.2	1.0	219.8	218.1
1916	102.0	1936	128.1	1956	168.9	1.8	168.1	166.1	1978	222.6	1.1	222.1	220.5
1917	103.3	1937	128.8	1957	172.0	1.8	171.2	169.1	1979	225.1	1.1	224.6	223.0
1918	103.2	1938	129.8	1958	174.9	1.7	174.1	172.2	1980	227.7	1.2	227.2	225.6
1919	104.5	1939	130.9	1959	177.8	1.7	177.1	175.3	1981	229.8	.9	229.3	227.6
				1960	180.7	1.6	180.0	178.1	1982	232.1	1.0	231.5	229.9
				1961	183.7	1.7	183.0	181.1	1983	234.2	.9	233.7	232.0

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 802 and 938.

No. 3. Center of Population: 1790 to 1980

["Center of population" is that point at which an imaginary flat, weightless, and rigid map of the United States would balance if weights of identical value were placed on it so that each weight represented the location of one person on the date of the census]

Year [1]	North latitude			West longitude			Approximate location
	°	′	″	°	′	″	
1790 (Aug. 2)	39	16	30	76	11	12	23 miles east of Baltimore, Md.
1850 (June 1)	38	59	0	81	19	0	23 miles southeast of Parkersburg, W. Va.
1900 (June 1)	39	9	36	85	48	54	6 miles southeast of Columbus, Ind.
1950 (Apr. 1)	38	50	21	88	9	33	8 miles north-northwest of Olney, Richland County, Ill.
1960 (Apr. 1)	38	35	58	89	12	35	In Clinton Co. about 6½ miles northwest of Centralia, Ill.
1970 (Apr. 1)	38	27	47	89	42	22	5.3 miles east-southeast of the Mascoutah City Hall in St. Clair County, Ill.
1980 (Apr. 1)	38	8	13	90	34	26	¼ mile west of De Soto in Jefferson County, Mo.



[1] For dates of admissions of the States and changes in areal definition, see "State Origins and Boundaries," *United States Summary, U.S. Census of Population: 1960,* vol. I. For year of admission to statehood, see table 338.

Source: U.S. Bureau of the Census, *1980 Census of Population, Vol. 1.*

No. 4. U.S. Population Living Abroad: 1968 to 1981

[**In thousands.** As of **June 30,** except as noted. Based on reports from U.S. consulates and data from the Dept. of Defense and Office of Personnel Management. Data for 1980 were not collected]

Item and area	1968	1970	1973	1974	1975	1976	1977	1978	1979	1981 [1]
Total [2]	**2,513**	**2,454**	**2,189**	**2,089**	**2,196**	**2,166**	**2,293**	**2,406**	**2,466**	**2,687**
Private citizens	[3] 812	966	1,193	1,156	1,248	1,305	1,410	1,523	1,559	1,733
Federal civilian employees	55	40	34	39	39	38	46	45	44	23
Military forces [4]	1,241	1,071	585	519	517	464	483	494	458	502
Civilian and military dependents	405	377	377	384	392	359	354	344	405	429
Canada	171	237	281	239	243	280	265	269	257	307
Mexico	79	90	105	106	129	131	163	213	208	292
Europe	534	550	683	683	727	712	768	792	869	848
United Kingdom	68	72	107	102	100	109	125	137	136	125
Italy	65	70	84	89	121	91	99	105	110	100
Germany, F.R.	218	205	236	246	248	247	259	254	321	332
Other	488	507	535	551	579	579	614	639	673	738

[1] As of December 31. [2] Population by area excludes military forces. [3] Includes members of the Peace Corps.
[4] Source: U.S. Dept. of Defense, *Selected Manpower Statistics,* annual. Beginning 1977, as of Sept. 30. Data are unclassified approximations.

Source: Except as noted, U.S. Dept of State, unpublished data.

No. 5. Population and Area—United States and Outlying Areas: 1960 to 1980

[For area of individual States, see table 338. Minus sign (−) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series A 9-22 and J 1-2]

Area	Resident population				Gross area (land and water), 1980 (sq. mi.)
	1960 (April 1)	1970 (April 1)	1980 (April 1)	Percent change, 1970-80	
Total	**183,285,009**	**208,066,557**	**231,106,727**	**11.1**	**3,623,461**
United States	179,323,175	203,302,031	226,545,805	11.4	3,618,770
Puerto Rico [1]	2,349,544	2,712,033	3,196,520	17.9	3,515
Outlying areas	[2] 237,869	[2] 314,657	368,856	17.2	1,176
Territories [3]	[4] 123,151	[4] 179,519	235,927	31.4	459
Guam	67,044	84,996	105,979	24.7	209
Virgin Islands of the U.S.	32,099	62,468	96,569	54.6	132
American Samoa	20,051	27,159	32,297	18.9	77
Trust Territory of the Pacific Islands [5]	[6] 62,434	81,300	[7] 116,149	42.9	[8] 533
Northern Mariana Islands [5]	[6] 8,290	9,640	16,780	74.1	184
U.S. population abroad [9]	1,374,421	1,737,836	995,546	(X)	(X)
Federal employees	647,730	1,114,224	562,962	−49.5	(X)
Armed Forces	609,720	[10] 1,057,776	[10] 515,408	−51.3	(X)
Civilians	38,010	56,448	[11] 47,554	−15.8	(X)
Dependents of Federal employees	506,393	371,366	[10] 432,584	16.5	(X)
Crews of merchant vessels	32,464	15,910	(NA)	(X)	(X)
Other citizens	[12] 167,834	[12] 236,336	(NA)	(X)	(X)

NA Not available. X Not applicable. [1] Puerto Rico was ceded to the United States by Spain in 1898. On July 25, 1952, pursuant to acts of Congress, it achieved the political status of the Commonwealth of Puerto Rico. [2] Includes population of Canal Zone (1960, 42,122; 1970, 44,198) and, for 1960 only, Corn Islands (1,872), not shown separately. Due to treaty of 1978 with Republic of Panama, U.S. jurisdiction over Canal Zone ended Oct. 1, 1979. Lease of Corn Islands from Republic of Nicaragua was terminated in 1971. [3] Includes Midway, Wake, Canton and Enderbury Islands, and Johnston Atoll, not shown separately; see section 32. Jurisdiction over Canton and Enderbury Islands was relinquished to Kiribati in 1979, pending approval by the U.S. Senate, but the islands were included in the 1980 census. Area data also include uninhabited areas of Navassa, Baker, Howland, Jarvis, and Palmyra. [4] Includes population of Swan Islands (1960, 28; 1970, 22), not shown separately. Pursuant to treaty in 1972, jurisdiction of the Swan Islands was transferred to Honduras. [5] Administered by United States since July 18, 1947, under United Nations Trusteeship system. Northern Mariana Islands is legally part of Trust Territory of the Pacific Islands, but both are recognized as separate entities for census purposes. [6] Census of 1958 conducted by the Office of High Commissioner, Trust Territory of the Pacific Islands. [7] Census conducted on September 15, 1980. [8] Comprises land area only. [9] Excludes U.S. citizens temporarily abroad on private business, travel, etc. Such persons were enumerated at their usual place of residence in the United States as absent members of their own households. [10] Based partially on tabulations provided by Department of Defense. [11] Based on data supplied by U.S. Office of Personnel Management. [12] Represents U.S. citizens abroad for extended periods. Since this population was enumerated on a voluntary basis, its coverage is probably less complete than that of other categories of Americans abroad.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, and *1980 Census of Population*, vol. 1, chapter A (PC80-1-A).

No. 6. Projections of Total Population: 1983 to 2025

[In thousands. As of July 1. Includes Armed Forces abroad. See text, p. 2 for explanation of methodology. For the series shown the following assumptions were made about fertility (ultimate lifetime births per woman), mortality (life expectancy in 2050), and immigration (yearly net immigration). Lowest series: 1.6 births per woman, 76.7 years, and 250,000 net immigration. Middle series: 1.9 births per woman, 79.6 years, and 450,000 net immigration. Highest series: 2.3 births per woman, 83.3 years, and 750,000 net immigration. Zero migration series: 1.9 births per woman and 79.6 years]

Year	Lowest series (series 19)	Middle series (series 14)	Highest series (series 9)	Zero migration series	Year	Lowest series (series 19)	Middle series (series 14)	Highest series (series 9)	Zero migration series
1983	233,675	234,193	234,940	233,283	1994	250,520	257,790	266,072	251,163
1984	235,544	236,413	237,620	235,032	1995	251,550	259,631	268,834	252,434
1985	237,366	238,648	240,364	236,786	1996	252,499	261,406	271,565	253,632
1986	239,133	240,892	243,164	238,537	1997	253,376	263,121	274,271	254,765
1987	240,837	243,133	246,010	240,277	1998	254,186	264,784	276,962	255,840
1988	242,472	245,362	248,888	241,994	1999	254,938	266,404	279,648	256,867
					2000	255,638	267,990	282,339	257,854
1989	244,030	247,566	251,785	243,676					
1990	245,507	249,731	254,686	245,310	2005	258,542	275,649	296,204	262,442
1991	246,997	251,844	257,574	246,883	2010	260,669	283,141	311,061	266,736
1992	248,196	253,896	260,440	248,387	2015	261,842	290,240	326,557	270,515
1993	249,403	255,879	263,274	249,814	2020	261,605	296,339	341,907	273,193
					2025	259,673	301,022	356,601	274,394

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 922, and unpublished data.

No. 7. Estimated Components of Population Change, 1940 to 1982, and Projections by Race, 1983 to 2000

[Projections are for middle series (series 14), see headnote, table 6 for explanation of assumptions. See text, p. 2 for explanation of methodology. For explanation of annual average percent change, see Guide to Tabular Presentation]

Year or period	TOTAL (Jan. 1–Dec. 31)						RATE PER 1,000 MIDYEAR POPULATION				
	Population at start of period (1,000)	Net increase [1]		Natural increase		Net civilian immigration (1,000)	Net growth rate [1]	Natural increase			Net civilian immigration rate
		Total (1,000)	Percent [2]	Births [3] (1,000)	Deaths [4] (1,000)			Total	Birth rate [3]	Death rate [4]	
ALL RACES [5]											
1940	132,054	1,221	.9	2,570	1,432	77	9.2	8.6	19.4	10.8	.6
1945	139,767	1,462	1.1	2,873	1,549	162	10.4	9.4	20.5	11.0	1.2
1950	151,135	2,486	1.7	3,645	1,468	299	16.3	14.3	23.9	9.6	2.0
1955	164,588	2,925	1.8	4,128	1,537	337	17.6	15.6	24.9	9.3	2.0
1960	179,386	2,901	1.6	4,307	1,708	327	16.1	14.4	23.8	9.5	1.8
1965	193,223	2,315	1.2	3,801	1,830	373	11.9	10.1	19.6	9.4	1.9
1970	203,849	2,617	1.3	3,739	1,927	438	12.8	8.8	18.2	9.4	2.1
1975	214,931	2,165	1.0	3,144	1,894	449	10.0	5.8	14.6	8.8	2.1
1976	217,095	2,084	1.0	3,168	1,910	353	9.6	5.8	14.5	8.8	1.6
1977	219,179	2,298	1.0	3,327	1,900	394	10.4	6.5	15.1	8.6	1.8
1978	221,477	2,403	1.1	3,333	1,928	508	10.8	6.3	15.0	8.7	2.3
1979	223,880	2,564	1.1	3,468	1,908	499	11.4	6.9	15.4	8.5	2.2
1980	226,444	2,433	1.1	3,612	1,984	654	10.7	7.2	15.9	8.7	2.9
1981	228,878	2,181	1.0	3,646	1,987	520	9.5	7.2	15.9	8.6	2.3
1982	231,059	2,208	1.0	3,713	1,986	480	9.5	7.4	16.0	8.6	2.1
Projections:											
1983	233,095	2,208	.9	3,741	1,983	450	9.4	7.5	16.0	8.5	1.9
1984	235,303	2,228	.9	3,787	2,010	450	9.4	7.5	16.0	8.5	1.9
1985	237,531	2,239	.9	3,825	2,036	450	9.4	7.5	16.0	8.5	1.9
1986	239,770	2,242	.9	3,854	2,062	450	9.3	7.4	16.0	8.6	1.9
1987	242,012	2,235	.9	3,873	2,087	450	9.2	7.3	15.9	8.6	1.9
1988	244,248	2,217	.9	3,879	2,112	450	9.0	7.2	15.8	8.6	1.8
1989	246,464	2,185	.9	3,871	2,136	450	8.8	7.0	15.6	8.6	1.8
1990	248,649	2,139	.9	3,849	2,160	450	8.6	6.8	15.4	8.6	1.8
1995	258,711	1,808	.7	3,628	2,270	450	7.0	5.2	14.0	8.7	1.7
2000	267,197	1,572	.6	3,495	2,373	450	5.9	4.2	13.0	8.9	1.7
WHITE											
Projections:											
1983	199,315	1,561	.8	3,014	1,724	271	7.8	6.4	15.1	8.6	1.4
1984	200,876	1,573	.8	3,049	1,747	271	7.8	6.5	15.1	8.7	1.3
1985	202,449	1,577	.8	3,077	1,770	271	7.8	6.4	15.1	8.7	1.3
1986	204,026	1,575	.8	3,097	1,793	271	7.7	6.4	15.1	8.8	1.3
1987	205,601	1,564	.8	3,108	1,815	271	7.6	6.3	15.1	8.8	1.3
1988	207,164	1,543	.7	3,109	1,837	271	7.4	6.1	15.0	8.8	1.3
1989	208,707	1,511	.7	3,098	1,857	271	7.2	5.9	14.8	8.9	1.3
1990	210,218	1,468	.7	3,075	1,877	271	7.0	5.7	14.6	8.9	1.3
BLACK											
Projections:											
1983	27,962	454	1.6	628	230	56	16.1	14.1	22.3	8.2	2.0
1984	28,416	460	1.6	636	232	56	16.1	14.1	22.2	8.1	2.0
1985	28,876	465	1.6	643	234	56	16.0	14.0	22.1	8.0	1.9
1986	29,340	468	1.6	649	237	56	15.8	13.9	21.9	8.0	1.9
1987	29,808	470	1.6	653	239	56	15.7	13.8	21.7	7.9	1.9
1988	30,279	471	1.6	656	241	56	15.4	13.6	21.5	7.9	1.8
1989	30,749	469	1.5	656	243	56	15.1	13.3	21.2	7.8	1.8
1990	31,218	465	1.5	654	245	56	14.8	13.0	20.8	7.8	1.8
	ANNUAL AVERAGES										
ALL RACES [5]											
1940–1944	132,054	1,543	1.1	2,872	1,468	114	11.4	10.4	21.2	10.8	.8
1945–1949	139,767	2,274	1.6	3,491	1,464	231	15.7	14.0	24.1	10.1	1.6
1950–1954	151,135	2,690	1.7	3,902	1,500	285	17.1	15.2	24.8	9.5	1.8
1955–1959	164,588	2,960	1.7	4,259	1,614	316	17.2	15.4	24.8	9.4	1.8
1960–1964	179,386	2,767	1.5	4,210	1,757	346	14.9	13.2	22.6	9.4	1.9
1965–1969	193,223	2,125	1.1	3,628	1,888	419	10.7	8.7	18.3	9.5	2.1
1970–1974	203,849	2,126	1.1	3,370	1,946	359	10.6	6.8	16.1	9.3	1.7
1975–1979	214,931	2,303	1.0	3,288	1,908	441	10.4	6.3	14.9	8.7	2.0
1980–1982	226,444	2,274	1.0	3,657	1,986	551	9.9	7.3	15.9	8.6	2.4

[1] Includes overseas admissions into, less discharges from, Armed Forces and includes for 1940–1980 "error of closure" (the amount necessary to make the components of change add to the net change between censuses), for which figures are not shown separately. [2] Percent of population at beginning of period. [3] Adjusted for underregistration prior to April 1, 1970. [4] Prior to April 1, 1960, adjusted for underregistration of infant deaths. [5] Includes other races, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 802, 922, 939, and unpublished data.

No. 8. Resident Population and Population Density in Counties Within 50 Miles of Coastal Shorelines: 1940 to 1980

[As of April 1 and based on census data. Excludes Alaska and Hawaii. Covers 611 counties and independent cities which are entirely or substantially within 50 miles of U.S. coastal shorelines. Great Lakes region includes St. Lawrence River]

Year	Conterminous U.S., total	Counties in coastal regions					Balance of conterminous U.S.
		Total	Atlantic	Pacific	Great Lakes	Gulf of Mexico	
Land area, 1970 (1,000 sq. mi.)	2,964	468	122	118	134	94	2,496
POPULATION							
1940 (mil.)	131.7	60.5	29.9	7.5	18.9	4.2	71.2
1950 (mil.)	150.7	73.5	34.6	11.5	21.8	5.6	77.2
1960 (mil.)	178.5	92.7	41.7	16.8	26.4	7.8	85.7
1970 (mil.)	202.2	108.5	48.2	21.5	29.3	9.5	93.8
1980 (mil.)	225.2	118.4	50.7	25.4	29.8	12.6	106.7
1940 (percent)	100	46	23	6	14	3	54
1950 (percent)	100	49	23	8	15	4	51
1960 (percent)	100	52	23	9	15	4	48
1970 (percent)	100	54	24	11	15	5	46
1980 (percent)	100	53	23	11	13	6	47
Population per square mile:							
1940	44.4	129.2	244.4	64.1	140.9	44.8	28.5
1950	50.8	157.2	283.3	97.6	162.9	59.8	30.9
1960	60.2	198.3	341.6	142.7	197.3	83.1	34.3
1970	68.2	232.0	394.4	182.5	219.1	101.1	37.6
1980 [1]	76.0	253.3	414.9	215.8	222.4	134.1	42.8

[1] Based on 1970 land area.

Source: U.S. Bureau of the Census, unpublished data.

No. 9. Population, by Size-Class of States: 1970 to 1982

[As of April, except 1982 as of July. Includes District of Columbia. Gross area comprises land and water]

Population size-class	1970			1980				1982		
	Number of States	Population		Number of States	Population		Gross area	Number of States	Population	
		Total (1,000)	Percent of total		Total (1,000)	Percent of total	Total (1,000 sq. mi.)	Percent of total		Total (1,000)	Percent of total
Total	**51**	**203,302**	**100.0**	**51**	**226,546**	**100.0**	**3,619**	**100.0**	**51**	**231,534**	**100.0**
Over 10 million	6	82,980	40.8	6	89,543	39.5	618	17.1	7	102,183	44.1
5 million–10 million	6	38,813	19.1	8	54,292	24.0	322	8.9	7	44,948	19.4
3 million–5 million	12	46,746	23.0	12	47,654	21.0	577	15.9	13	51,560	22.3
2 million–3 million	7	16,743	8.2	7	18,326	8.1	555	15.3	6	15,664	6.8
1 million–2 million	6	9,005	4.4	5	7,408	3.3	341	9.4	5	7,579	3.3
Under 1 million	14	9,016	4.4	13	9,323	4.1	1,206	33.3	13	9,600	4.1

Source: U.S. Bureau of the Census *Census of Population: 1970*, vol. 1; *1980 Census of Population*, vol. 1, chapter A (PC 80-1-A); and *Current Population Reports*, series P-25, No. 927.

No. 10. U.S. Resident Population, by Region and Division: 1950 to 1982

[As of April 1, except 1975, 1981, and 1982, as of July 1. For composition of divisions, see fig. I, inside front cover]

Region and division	Population (millions)							Percent distribution						
	1950	1960	1970	1975	1980	1981	1982	1950	1960	1970	1975	1980	1981	1982
United States	**151**	**179**	**203**	**215**	**227**	**229**	**232**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Northeast	39	45	49	49	49	49	49	26.1	24.9	24.1	22.9	21.7	21.5	21.4
New England	9	11	12	12	12	12	12	6.2	5.9	5.8	5.7	5.5	5.4	5.4
Middle Atlantic	30	34	37	37	37	37	37	19.9	19.1	18.3	17.3	16.2	16.1	16.0
North Central	44	52	57	58	59	59	59	29.4	28.8	27.8	26.8	26.0	25.7	25.5
East North Central	30	36	40	41	42	42	42	20.1	20.2	19.8	19.1	18.4	18.2	18.0
West North Central	14	15	16	17	17	17	17	9.3	8.6	8.0	7.8	7.6	7.5	7.5
South	47	55	63	70	75	77	78	31.2	30.7	30.9	32.3	33.3	33.5	33.7
South Atlantic	21	26	31	34	37	38	38	14.0	14.5	15.1	16.0	16.3	16.4	16.5
East South Central	11	12	13	14	15	15	15	7.6	6.7	6.3	6.4	6.5	6.4	6.4
West South Central	15	17	19	21	24	24	25	9.6	9.5	9.5	9.9	10.5	10.6	10.8
West	20	28	35	39	43	44	45	13.3	15.6	17.1	17.9	19.1	19.3	19.4
Mountain	5	7	8	10	11	12	12	3.4	3.8	4.1	4.6	5.0	5.1	5.2
Pacific	15	21	27	29	32	32	33	10.0	11.8	13.1	13.3	14.0	14.2	14.3

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. 1; *1980 Census of Population*, vol. 1, chapter A (PC 80-1-A); *Current Population Reports*, series P-25, No. 927; and unpublished data.

No. 11. Resident Population—States: 1970 to 1982

[Estimates as of **July 1**. For composition of regions, see fig. I, inside front cover. Includes Armed Forces stationed in area. See p. 2 for basis of estimates. For explanation of methodology, contact source]

Region, division and state	1970 [1] (1,000)	1975 (1,000)	1976 (1,000)	1977 (1,000)	1978 (1,000)	1979 (1,000)	1980 [2] (1,000)	1981 (1,000)	1982, prel.		
									Rank order	Total (1,000)	Per sq. mi. of land area [3]
U.S	**203,810**	**215,465**	**217,563**	**219,760**	**222,095**	**224,567**	**227,156**	**229,348**	(x)	**231,534**	**65**
Regions:											
Northeast	49,127	49,448	49,414	49,333	49,244	49,226	49,199	49,342	(x)	49,456	304
North Central	56,658	57,848	58,050	58,303	58,538	58,708	58,907	58,956	(x)	58,927	78
South	63,054	69,584	70,702	71,841	73,003	74,312	75,695	76,856	(x)	78,136	90
West	34,972	38,585	39,397	40,284	41,311	42,322	43,356	44,195	(x)	45,015	26
N. Eng	**11,871**	**12,176**	**12,207**	**12,257**	**12,303**	**12,345**	**12,367**	**12,448**	(x)	**12,493**	**198**
Maine	997	1,073	1,090	1,105	1,115	1,125	1,126	1,131	38	1,133	37
N.H.	742	830	847	872	894	912	923	937	42	951	106
Vt.	446	480	485	492	498	506	512	515	48	516	56
Mass	5,697	5,762	5,749	5,744	5,743	5,746	5,743	5,774	11	5,781	739
R.I	951	946	950	955	957	957	949	955	41	958	908
Conn	3,037	3,085	3,086	3,089	3,095	3,100	3,114	3,136	26	3,153	647
Mid. Atl	**37,256**	**37,271**	**37,206**	**37,075**	**36,942**	**36,880**	**36,832**	**36,893**	(x)	**36,963**	**371**
N.Y	18,259	18,032	17,975	17,852	17,720	17,634	17,575	17,598	2	17,659	373
N.J	7,189	7,341	7,344	7,342	7,356	7,373	7,377	7,421	9	7,438	996
Pa	11,809	11,898	11,887	11,882	11,865	11,874	11,880	11,875	4	11,865	264
E. No. Cent	**40,308**	**41,105**	**41,187**	**41,353**	**41,509**	**41,611**	**41,705**	**41,678**	(x)	**41,585**	**170**
Ohio	10,666	10,770	10,753	10,771	10,795	10,799	10,800	10,793	6	10,791	263
Ind	5,202	5,351	5,372	5,405	5,446	5,475	5,489	5,485	14	5,471	152
Ill	11,118	11,306	11,360	11,406	11,434	11,423	11,433	11,444	5	11,448	206
Mich	8,895	9,108	9,117	9,157	9,202	9,249	9,255	9,215	8	9,109	160
Wis	4,426	4,570	4,585	4,613	4,631	4,666	4,728	4,740	16	4,765	88
W. No. Cent	**16,350**	**16,743**	**16,864**	**16,950**	**17,028**	**17,097**	**17,202**	**17,278**	(x)	**17,342**	**34**
Minn	3,814	3,926	3,957	3,980	4,005	4,038	4,083	4,113	21	4,133	52
Iowa	2,829	2,881	2,904	2,914	2,919	2,917	2,913	2,914	28	2,905	52
Mo	4,684	4,795	4,824	4,845	4,871	4,889	4,924	4,940	15	4,951	72
N. Dak	619	638	645	649	651	652	654	660	46	670	10
S. Dak	667	681	687	689	689	689	690	690	45	691	9
Nebr	1,489	1,541	1,549	1,554	1,561	1,564	1,572	1,577	35	1,586	21
Kans	2,248	2,279	2,299	2,318	2,333	2,347	2,367	2,385	32	2,408	29
So. Atl	**30,815**	**34,389**	**34,828**	**35,341**	**35,882**	**36,492**	**37,142**	**37,695**	(x)	**38,213**	**143**
Del	551	589	593	595	598	599	596	597	47	602	312
Md	3,940	4,157	4,172	4,195	4,212	4,223	4,225	4,259	19	4,265	434
D.C	755	710	696	682	670	656	637	633	(x)	631	10,016
Va	4,667	5,056	5,133	5,206	5,284	5,325	5,362	5,425	13	5,491	138
W. Va	1,747	1,841	1,877	1,906	1,920	1,939	1,950	1,946	34	1,948	81
N.C	5,101	5,535	5,593	5,668	5,739	5,802	5,888	5,952	10	6,019	123
S.C	2,600	2,900	2,941	2,989	3,041	3,087	3,127	3,170	24	3,203	106
Ga	4,604	5,059	5,126	5,212	5,286	5,391	5,482	5,565	12	5,639	97
Fla	6,851	8,542	8,695	8,889	9,132	9,471	9,874	10,147	7	10,416	192
E. So. Cent	**12,843**	**13,810**	**14,027**	**14,219**	**14,395**	**14,554**	**14,675**	**14,745**	(x)	**14,812**	**83**
Ky	3,231	3,469	3,530	3,575	3,611	3,644	3,662	3,665	23	3,667	92
Tenn	3,937	4,261	4,329	4,402	4,462	4,533	4,595	4,624	17	4,651	113
Ala	3,450	3,681	3,737	3,783	3,834	3,869	3,895	3,920	22	3,943	78
Miss	2,223	2,400	2,430	2,460	2,488	2,508	2,523	2,536	31	2,551	54
W. So. Cent	**19,396**	**21,385**	**21,847**	**22,281**	**22,725**	**23,266**	**23,878**	**24,415**	(x)	**25,111**	**59**
Ark	1,930	2,158	2,169	2,207	2,241	2,269	2,299	2,293	33	2,291	44
La	3,654	3,887	3,952	4,016	4,073	4,139	4,222	4,295	18	4,362	98
Okla	2,568	2,772	2,823	2,866	2,913	2,970	3,038	3,104	25	3,177	46
Tex	11,244	12,568	12,903	13,192	13,498	13,887	14,321	14,724	3	15,280	58
Mt	**6,352**	**9,851**	**10,106**	**10,409**	**10,746**	**11,123**	**11,428**	**11,706**	(x)	**11,967**	**14**
Mont	697	749	759	771	784	789	788	795	44	801	6
Idaho	717	832	857	883	911	933	947	958	40	965	12
Wyo	334	380	395	412	431	452	475	490	49	502	5
Colo	2,226	2,586	2,632	2,696	2,767	2,849	2,903	2,976	27	3,045	29
N. Mex	1,023	1,163	1,195	1,225	1,252	1,281	1,305	1,333	37	1,359	11
Ariz	1,795	2,286	2,348	2,427	2,518	2,639	2,731	2,791	29	2,860	25
Utah	1,066	1,234	1,272	1,316	1,364	1,416	1,472	1,516	36	1,554	19
Nev	494	620	647	678	719	765	807	846	43	881	8
Pac	**26,620**	**28,735**	**29,292**	**29,874**	**30,565**	**31,198**	**31,927**	**32,489**	(x)	**33,049**	**37**
Wash	3,416	3,619	3,691	3,772	3,886	4,013	4,148	4,220	20	4,245	64
Oreg	2,101	2,325	2,372	2,439	2,510	2,578	2,638	2,663	30	2,649	28
Calif	20,023	21,537	21,935	22,330	22,839	23,255	23,771	24,212	1	24,724	158
Alaska	305	370	392	396	401	402	403	416	50	438	1
Hawaii	775	884	902	916	929	950	969	979	39	994	155

X Not applicable. [1] Data have not been revised on basis of 1980 census counts [2] State estimates have not been revised and will not agree with revised U.S. population in table 34. [3] For area figures used to derive these data, see table 338.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 927, and unpublished data.

No. 12. Resident Population, Rank, Percent Change,

[As of census date: **Jan. 1**, for **1920**, and **Apr. 1** thereafter, except as noted. Insofar as possible, population shown for all composition of regions, see fig. I, inside front cover. See *Historical Statistics, Colonial Times to 1970*.

REGION, DIVISION, AND STATE OR OTHER AREA	POPULATION (1,000)									RANK		
	1920	1930	1940	1950	1960	1970	1980			1940	1950	1960
							Total	Male	Female			
U.S	**106,022**	**123,203**	**132,165**	**151,326**	**179,323**	**203,302**	**226,546**	**110,053**	**116,493**	(x)	(x)	(x)
Regions:												
Northeast	29,662	34,427	35,977	39,478	44,678	49,061	49,135	23,479	25,656	(x)	(x)	(x)
No. Central	34,020	38,594	40,143	44,461	51,619	56,589	58,866	28,614	30,252	(x)	(x)	(x)
South	33,126	37,858	41,666	47,197	54,973	62,812	75,372	36,589	38,783	(x)	(x)	(x)
West	9,214	12,324	14,379	20,190	28,053	34,838	43,172	21,371	21,801	(x)	(x)	(x)
N.E	**7,401**	**8,166**	**8,437**	**9,314**	**10,509**	**11,848**	**12,348**	**5,924**	**6,425**	(x)	(x)	(x)
Maine	768	797	847	914	969	994	1,125	546	578	35	35	36
N.H.	443	465	492	533	607	738	921	448	472	44	44	45
Vt	352	360	359	378	390	445	511	249	262	46	46	47
Mass	3,852	4,250	4,317	4,691	5,149	5,689	5,737	2,731	3,006	8	9	9
R.I	604	687	713	792	859	950	947	451	496	36	36	39
Conn	1,381	1,607	1,709	2,007	2,535	3,032	3,108	1,498	1,610	31	28	25
M.A	**22,261**	**26,261**	**27,539**	**30,164**	**34,168**	**37,213**	**36,787**	**17,555**	**19,232**	(x)	(x)	(x)
N.Y	10,385	12,588	13,479	14,830	16,782	18,241	17,558	8,339	9,219	1	1	1
N.J	3,156	4,041	4,160	4,835	6,067	7,171	7,365	3,533	3,832	9	8	8
Pa	8,720	9,631	9,900	10,498	11,319	11,801	11,864	5,683	6,181	2	3	3
E.N.C	**21,476**	**25,297**	**26,626**	**30,399**	**36,225**	**40,262**	**41,682**	**20,242**	**21,440**	(x)	(x)	(x)
Ohio	5,759	6,647	6,908	7,947	9,706	10,657	10,798	5,217	5,580	4	5	5
Ind	2,930	3,239	3,428	3,934	4,662	5,195	5,490	2,666	2,824	12	12	11
Ill	6,485	7,631	7,897	8,712	10,081	11,110	11,427	5,538	5,889	3	4	4
Mich	3,668	4,842	5,256	6,372	7,823	8,882	9,262	4,516	4,746	7	7	7
Wis	2,632	2,939	3,138	3,435	3,952	4,418	4,706	2,305	2,400	13	14	15
W.N.C	**12,544**	**13,297**	**13,517**	**14,061**	**15,394**	**16,327**	**17,183**	**8,372**	**8,812**	(x)	(x)	(x)
Minn	2,387	2,564	2,792	2,982	3,414	3,806	4,076	1,998	2,078	18	18	18
Iowa	2,404	2,471	2,538	2,621	2,758	2,825	2,914	1,416	1,497	20	22	24
Mo	3,404	3,629	3,785	3,955	4,320	4,678	4,917	2,365	2,551	10	11	13
N. Dak	647	681	642	620	632	618	653	328	324	38	41	44
S. Dak	637	693	643	653	681	666	691	341	350	37	40	40
Nebr	1,296	1,378	1,316	1,326	1,411	1,485	1,570	766	804	32	33	34
Kans	1,769	1,881	1,801	1,905	2,179	2,249	2,364	1,157	1,207	29	31	28
S.A	**13,990**	**15,794**	**17,823**	**21,182**	**25,972**	**30,678**	**36,959**	**17,878**	**19,081**	(x)	(x)	(x)
Del	223	238	267	318	446	548	594	287	308	47	47	46
Md	1,450	1,632	1,821	2,343	3,101	3,924	4,217	2,043	2,174	28	24	21
D.C	438	487	663	802	764	757	638	295	343	(x)	(x)	(x)
Va	2,309	2,422	2,678	3,319	3,967	4,651	5,347	2,618	2,729	19	15	14
W. Va	1,464	1,729	1,902	2,006	1,860	1,744	1,950	945	1,004	25	29	30
N.C	2,559	3,170	3,572	4,062	4,556	5,084	5,882	2,855	3,026	11	10	12
S.C	1,684	1,739	1,900	2,117	2,383	2,591	3,122	1,518	1,604	26	27	26
Ga	2,895	2,909	3,124	3,445	3,943	4,588	5,463	2,640	2,823	14	13	16
Fla	968	1,468	1,897	2,771	4,952	6,791	9,746	4,676	5,071	27	20	10
E.S.C	**8,893**	**9,887**	**10,778**	**11,477**	**12,050**	**12,808**	**14,666**	**7,091**	**7,575**	(x)	(x)	(x)
Ky	2,417	2,615	2,846	2,945	3,038	3,221	3,661	1,789	1,872	16	19	22
Tenn	2,338	2,617	2,916	3,292	3,567	3,926	4,591	2,217	2,375	15	16	17
Ala	2,348	2,646	2,833	3,062	3,267	3,444	3,894	1,872	2,022	17	17	19
Miss	1,791	2,010	2,184	2,179	2,178	2,217	2,521	1,214	1,307	23	26	29
W.S.C	**10,242**	**12,177**	**13,065**	**14,538**	**16,951**	**19,326**	**23,747**	**11,620**	**12,127**	(x)	(x)	(x)
Ark	1,752	1,854	1,949	1,910	1,786	1,923	2,286	1,105	1,182	24	30	31
La	1,799	2,102	2,364	2,684	3,257	3,645	4,206	2,040	2,166	21	21	20
Okla	2,028	2,396	2,336	2,233	2,328	2,559	3,025	1,477	1,549	22	25	27
Texas	4,663	5,825	6,415	7,711	9,580	11,199	14,229	6,999	7,230	6	6	6
Mt	**3,336**	**3,702**	**4,150**	**5,075**	**6,855**	**8,289**	**11,373**	**5,648**	**5,724**	(x)	(x)	(x)
Mont	549	538	559	591	675	694	787	393	394	39	42	41
Idaho	432	445	525	589	667	713	944	471	473	42	43	42
Wyo	194	226	251	291	330	332	470	241	229	48	48	48
Colo	940	1,036	1,123	1,325	1,754	2,210	2,890	1,434	1,456	33	34	33
N. Mex	360	423	532	681	951	1,017	1,303	642	661	41	39	37
Ariz	334	436	499	750	1,302	1,775	2,718	1,338	1,380	43	37	35
Utah	449	508	550	689	891	1,059	1,461	725	737	40	38	38
Nev	77	91	110	160	285	489	800	405	395	49	49	49
Pac	**5,878**	**8,622**	**10,229**	**15,115**	**21,198**	**26,549**	**31,800**	**15,723**	**16,077**	(x)	(x)	(x)
Wash	1,357	1,563	1,736	2,379	2,853	3,413	4,132	2,052	2,080	30	23	23
Oreg	783	954	1,090	1,521	1,769	2,092	2,633	1,297	1,337	34	32	32
Calif	3,427	5,677	6,907	10,586	15,717	19,971	23,668	11,666	12,001	5	2	2
Alaska	55	[3]59	[3]73	129	226	303	402	213	189	50	50	50
Hawaii	256	368	423	500	633	770	965	495	470	45	45	43
P.R.	1,300	1,544	1,869	2,211	2,350	2,712	3,197	1,557	1,640	(x)	(x)	(x)

X Not applicable. Z Less than .05 percent.

[1] For U.S., population of U.S. has been divided by total land area. For each State and Puerto Rico, population at given census has been divided by land area as then constituted.

AND DENSITY—STATES AND PUERTO RICO: 1920 TO 1980

years is that of present area of State; for area figures of States, see table 338. Minus sign (–) denotes decrease. For series A 172, for population by regions, and A 195-198 for population, sex, and density by States]

RANK		PERCENT CHANGE						POPULATION PER SQ. MILE OF LAND AREA[1]						REGION, DIVISION, AND STATE OR OTHER AREA
1970	1980	1920–1930	1930–1940	1940–1950	1950–1960	1960–1970	1970–1980	1930	1940	1950	1960	1970	1980	
(x)	(x)	**16.2**	**7.3**	**14.5**	**18.5**	**13.4**	**11.4**	**34.7**	**37.2**	**42.6**	**50.6**	[2]**57.4**	**64.0**	**U.S.**
														Regions:
(x)	(x)	16.1	4.5	9.7	13.2	9.8	.2	210.3	219.8	241.2	273.4	300.4	301.9	Northeast.
(x)	(x)	13.4	4.0	10.8	16.1	9.6	4.0	51.1	53.1	58.8	68.6	75.2	78.3	No. Central.
(x)	(x)	14.3	10.1	13.3	16.5	14.3	20.0	43.0	47.4	53.7	62.8	71.9	86.3	South.
(x)	(x)	33.7	16.7	40.4	38.9	24.2	23.9	7.0	8.2	11.5	16.0	19.9	24.6	West.
(x)	(x)	**10.3**	**3.3**	**10.4**	**12.8**	**12.7**	**4.2**	**129.2**	**133.5**	**147.5**	**166.8**	**188.1**	**196.0**	**N.E.**
38	38	3.8	6.2	7.9	6.1	2.6	13.2	25.7	27.3	29.4	31.3	32.1	36.3	Maine.
41	42	5.0	5.6	8.5	13.8	21.6	24.8	51.6	54.5	59.1	67.2	81.7	102.4	N.H.
48	48	2.0	–.1	5.2	3.2	14.1	15.0	38.8	38.7	40.7	42.0	47.9	55.2	Vt.
10	11	10.3	1.6	8.7	9.8	10.5	.8	537.4	545.9	596.2	657.3	727.0	733.3	Mass.
39	40	13.7	3.8	11.0	8.5	10.6	–.3	649.8	674.2	748.5	819.3	902.5	897.8	R.I.
24	25	16.4	6.4	17.4	26.3	19.6	2.5	328.0	348.9	409.7	520.6	623.6	637.8	Conn.
(x)	(x)	**18.0**	**4.9**	**9.5**	**13.3**	**8.9**	**–1.1**	**261.3**	**274.0**	**300.1**	**340.2**	**370.8**	**368.9**	**M.A.**
2	2	21.2	7.1	10.0	13.2	8.7	–3.7	262.6	281.2	309.3	350.6	381.3	370.6	N.Y.
8	9	28.1	2.9	16.2	25.5	18.2	2.7	537.3	553.1	642.8	805.5	953.1	986.2	N.J.
3	4	10.5	2.8	6.0	7.8	4.3	.5	213.8	219.8	233.1	251.4	262.3	264.3	Pa.
(x)	(x)	**17.8**	**5.3**	**14.2**	**19.2**	**11.1**	**3.5**	**103.2**	**108.7**	**124.1**	**148.2**	**164.9**	**170.8**	**E.N.C.**
6	6	15.4	3.9	15.0	22.1	9.8	1.3	161.6	168.0	193.8	236.6	260.0	263.3	Ohio.
11	12	10.5	5.8	14.8	18.5	11.4	5.7	89.4	94.7	108.7	128.8	143.9	152.8	Ind.
5	5	17.7	3.5	10.3	15.7	10.2	2.8	136.4	141.2	155.8	180.4	199.4	205.3	Ill.
7	8	32.0	8.5	21.2	22.8	13.5	4.3	84.9	92.2	111.7	137.7	156.2	162.6	Mich.
16	16	11.7	6.8	9.5	15.1	11.8	6.5	53.7	57.3	62.8	72.6	81.1	86.5	Wis.
(x)	(x)	**6.0**	**1.7**	**4.0**	**9.5**	**6.1**	**5.2**	**26.0**	**26.5**	**27.5**	**30.3**	**32.1**	**33.8**	**W.N.C.**
19	21	7.4	8.9	6.8	14.5	11.5	7.1	32.0	34.9	37.3	43.1	48.0	51.2	Minn.
25	27	2.8	2.7	3.3	5.2	2.4	3.1	44.1	45.3	46.8	49.2	50.5	52.1	Iowa.
13	15	6.6	4.3	4.5	9.2	8.3	5.1	52.4	54.6	57.1	62.6	67.8	71.3	Mo.
45	46	5.3	–5.7	–3.5	2.1	–2.2	5.7	9.7	9.2	8.8	9.1	8.9	9.4	N.Dak.
44	45	8.8	–7.2	1.5	4.3	–2.2	3.7	9.1	8.4	8.5	9.0	8.8	9.1	S.Dak.
35	35	6.3	–4.5	.7	6.5	5.2	5.7	18.0	17.2	17.3	18.4	19.4	20.5	Nebr.
28	32	6.3	–4.3	5.8	14.3	3.2	5.1	22.9	21.9	23.2	26.6	27.5	28.9	Kans.
(x)	(x)	**12.9**	**12.9**	**18.8**	**22.6**	**18.1**	**20.5**	**58.8**	**66.4**	**79.0**	**97.1**	**114.9**	**130.4**	**S.A.**
46	47	6.9	11.8	19.4	40.3	22.9	8.4	120.5	134.7	160.8	225.2	276.5	307.6	Del.
18	18	12.5	11.6	28.6	32.3	26.5	7.5	165.0	184.2	237.1	313.5	396.6	428.7	Md.
(x)	(x)	11.3	36.2	21.0	–4.8	–.9	–15.6	7,982	10,870	13,151	12,524	12,402	10,132	D.C.
14	14	4.9	10.6	23.9	19.5	17.2	14.9	60.7	67.1	83.2	99.6	116.9	134.7	Va.
34	34	18.1	10.0	5.4	–7.2	–6.2	11.8	71.8	79.0	83.3	77.2	72.5	80.8	W. Va.
12	10	23.9	12.7	13.7	12.2	11.6	15.7	64.5	72.7	82.7	93.2	104.1	120.4	N.C.
26	24	3.3	9.3	11.4	12.5	8.7	20.5	56.8	62.1	69.9	78.7	85.7	103.4	S.C.
15	13	.4	7.4	10.3	14.5	16.4	19.1	49.7	53.4	58.9	67.8	79.0	94.1	Ga.
9	7	51.6	29.2	46.1	78.7	37.1	43.5	27.1	35.0	51.1	91.5	125.5	180.0	Fla.
(x)	(x)	**11.2**	**9.0**	**6.5**	**5.0**	**6.3**	**14.5**	**54.8**	**59.7**	**63.8**	**67.2**	**71.5**	**82.0**	**E.S.C.**
23	23	8.2	8.8	3.5	3.2	6.0	13.7	65.2	70.9	73.9	76.2	81.2	92.3	Ky.
17	17	11.9	11.4	12.9	8.4	10.1	16.9	62.4	69.5	78.8	86.2	94.9	111.6	Tenn.
21	22	12.7	7.1	8.1	6.7	5.4	13.1	51.8	55.5	59.9	64.2	67.9	76.7	Ala.
29	31	12.2	8.7	–.2	(–z)	1.8	13.7	42.4	46.1	46.1	46.0	46.9	53.4	Miss.
(x)	(x)	**18.9**	**7.3**	**11.3**	**16.6**	**14.0**	**22.9**	**28.3**	**30.3**	**33.8**	**39.5**	**45.2**	**55.6**	**W.S.C.**
32	33	5.8	5.1	–2.0	–6.5	7.7	18.9	35.2	37.0	36.3	34.2	37.0	43.9	Ark.
20	19	16.9	12.5	13.5	21.4	11.9	15.4	46.5	52.3	59.4	72.2	81.0	94.5	La.
27	26	18.1	–2.5	–4.4	4.3	9.9	18.2	34.6	33.7	32.4	33.8	37.2	44.1	Okla.
4	3	24.9	10.1	20.2	24.2	16.9	27.1	22.1	24.3	29.3	36.4	42.7	54.3	Texas.
(x)	(x)	**11.0**	**12.1**	**22.3**	**35.1**	**20.9**	**37.2**	**4.3**	**4.8**	**5.9**	**8.0**	**9.7**	**13.3**	**Mt.**
43	44	–2.1	4.1	5.6	14.2	2.8	13.3	3.7	3.8	4.1	4.6	4.8	5.4	Mont.
42	41	3.0	17.9	12.1	13.3	6.9	32.4	5.4	6.3	7.1	8.1	8.6	11.5	Idaho.
49	49	16.0	11.2	15.9	13.6	.6	41.3	2.3	2.6	3.0	3.4	3.4	4.8	Wyo.
30	28	10.2	8.4	18.0	32.4	26.0	30.8	10.0	10.8	12.8	16.9	21.3	27.9	Colo.
37	37	17.5	25.6	28.1	39.6	6.9	28.1	3.5	4.4	5.6	7.8	8.4	10.7	N. Mex.
33	29	30.3	14.6	50.1	73.7	36.3	53.1	3.8	4.4	6.6	11.5	15.6	23.9	Ariz.
36	36	13.0	8.4	25.2	29.3	18.9	37.9	6.2	6.7	8.4	10.8	12.9	17.8	Utah.
47	43	17.6	21.1	45.2	78.2	71.6	63.8	.8	1.0	1.5	2.6	4.4	7.3	Nev.
(x)	(x)	**46.7**	**18.7**	**47.8**	**40.2**	**25.2**	**19.8**	**9.6**	**11.4**	**16.8**	**23.8**	[2]**29.7**	**35.5**	**Pac.**
22	20	15.2	11.1	37.0	19.9	19.6	21.1	23.3	25.9	35.6	42.8	51.2	62.1	Wash.
31	30	21.8	14.2	39.6	16.3	18.3	25.9	9.9	11.3	15.8	18.4	21.7	27.4	Oreg.
1	1	65.7	21.7	53.3	48.5	27.1	18.5	36.2	44.1	67.5	100.4	127.6	151.4	Calif.
50	50	7.7	22.3	77.4	75.8	34.1	32.8	[3],1	[3],1	.2	.4	[2].5	.7	Alaska.
40	39	43.9	14.8	18.2	26.2	21.6	25.3	57.5	66.0	78.0	98.5	119.6	150.1	Hawaii.
(x)	(x)	18.8	21.1	18.3	6.3	15.4	17.9	451.0	546.1	645.8	686.4	792.8	924.1	P.R.

[2]Land area for Alaska corrected after 1970 final reports were issued. [3]1930 as of Oct. 1, 1929; 1940 as of Oct. 1, 1939.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I; and *1980 Census of Population*, vol. I, chapter A (PC80-1-A).

No. 13. Components of Population Change—States: 1970–1980 and 1980–1982

[**In thousands, except percent.** Total resident population. For composition of regions, see fig. I, inside front cover. For explanation of methodology, see source. Minus sign (–) denotes decrease or net outmigration. See also *Historical Statistics, Colonial Times to 1970*, series C 25–75]

Region, division, and state	April 1, 1970 to April 1, 1980					April 1, 1980 to July 1, 1982				
	Net change		Births	Deaths	Net total migration [2]	Net change		Births	Deaths	Net total migration [2]
	Number	Percent [1]				Number	Percent [1]			
United States	**23,244**	**11.4**	**33,244**	**19,279**	**9,279**	**4,988**	**2.2**	**8,173**	**4,442**	**1,257**
Regions:										
Northeast	75	.2	6,661	4,668	–1,918	321	.7	1,488	1,059	–108
North Central	2,275	4.0	9,032	5,340	–1,417	61	.1	2,129	1,166	–902
South	12,559	20.0	11,221	6,244	7,583	2,764	3.7	2,786	1,485	1,463
West	8,334	23.9	6,330	3,027	5,031	1,843	4.3	1,770	732	805
New England	**501**	**4.2**	**1,607**	**1,135**	**29**	**145**	**1.2**	**366**	**258**	**37**
Maine	131	13.2	161	107	76	9	.8	37	24	–5
New Hampshire	183	24.8	122	75	136	30	3.3	31	17	17
Vermont	67	15.0	72	44	38	5	.9	18	10	–3
Massachusetts	48	.8	737	553	–136	44	.8	163	127	7
Rhode Island	–3	–.3	123	93	–33	11	1.2	28	21	4
Connecticut	75	2.5	391	263	–52	46	1.5	89	60	17
Middle Atlantic	**–426**	**–1.1**	**5,055**	**3,534**	**–1,947**	**176**	**.5**	**1,123**	**802**	**–145**
New York	–683	–3.7	2,481	1,622	–1,542	101	.6	544	378	–65
New Jersey	194	2.7	981	674	–114	74	1.0	218	152	8
Pennsylvania	63	.5	1,593	1,238	–292	1	-	361	271	–88
East North Central	**1,419**	**3.5**	**6,454**	**3,723**	**–1,312**	**–98**	**–.2**	**1,484**	**814**	**–768**
Ohio	140	1.3	1,676	992	–543	–6	–.1	379	218	–167
Indiana	295	5.7	865	483	–87	–20	–.4	194	106	–107
Illinois	316	2.8	1,790	1,072	–402	22	.2	422	229	–171
Michigan	380	4.3	1,441	767	–294	–153	–1.7	321	170	–305
Wisconsin	288	6.5	682	408	15	60	1.3	168	91	–17
West North Central	**856**	**5.2**	**2,579**	**1,617**	**–106**	**159**	**.9**	**645**	**352**	**–134**
Minnesota	270	7.1	595	334	9	57	1.4	154	74	–23
Iowa	88	3.1	432	286	–58	–9	–.3	104	60	–53
Missouri	239	5.1	728	505	15	34	.7	175	110	–31
North Dakota	35	5.7	107	56	–17	17	2.6	28	12	2
South Dakota	25	3.7	117	66	–26	-	-	29	14	–15
Nebraska	84	5.7	246	149	–12	16	1.0	62	33	–13
Kansas	115	5.1	354	221	–19	44	1.9	93	49	-
South Atlantic	**6,280**	**20.5**	**5,149**	**3,088**	**4,220**	**1,254**	**3.4**	**1,240**	**747**	**761**
Delaware	46	8.4	88	49	7	8	1.3	20	11	–1
Maryland	293	7.5	568	331	55	48	1.1	138	76	–13
District of Columbia	–118	–15.6	109	77	–150	–7	–1.1	21	15	–13
Virginia	695	14.9	748	406	354	144	2.7	178	95	61
West Virginia	205	11.8	290	198	113	–2	–.1	64	43	–23
North Carolina	797	15.7	863	468	402	137	2.3	190	110	57
South Carolina	531	20.5	498	241	274	81	2.6	117	57	21
Georgia	875	19.1	862	429	442	176	3.2	205	100	71
Florida	2,955	43.5	1,121	889	2,722	669	6.9	308	239	601
East South Central	**1,658**	**14.5**	**2,301**	**1,309**	**867**	**145**	**1.0**	**527**	**297**	**–86**
Kentucky	440	13.7	568	336	208	6	.2	131	75	–50
Tennessee	665	16.9	664	393	394	60	1.3	150	89	–1
Alabama	450	13.1	615	346	180	49	1.3	140	79	–12
Mississippi	304	13.7	454	235	85	30	1.2	106	53	–23
West South Central	**4,421**	**22.9**	**3,772**	**1,848**	**2,497**	**1,364**	**5.7**	**1,018**	**441**	**788**
Arkansas	363	18.9	349	218	233	5	.2	82	50	–27
Louisiana	561	15.4	717	346	190	157	3.7	186	80	51
Oklahoma	466	18.2	445	274	295	152	5.0	120	64	95
Texas	3,031	27.1	2,261	1,010	1,780	1,051	7.4	630	246	667
Mountain	**3,083**	**37.2**	**1,837**	**722**	**1,968**	**594**	**5.2**	**516**	**180**	**257**
Montana	92	13.3	126	67	33	14	1.8	32	15	–3
Idaho	231	32.4	166	65	130	21	2.3	45	15	–8
Wyoming	137	41.3	73	31	95	32	6.8	23	7	16
Colorado	680	30.8	415	182	447	155	5.3	116	43	82
New Mexico	286	28.1	224	82	144	56	4.3	60	20	16
Arizona	943	53.1	405	174	712	142	5.2	115	48	75
Utah	402	37.9	329	76	149	92	6.3	94	18	17
Nevada	312	63.8	99	46	259	80	10.0	31	13	62
Pacific	**5,251**	**19.8**	**4,493**	**2,305**	**3,063**	**1,249**	**3.9**	**1,254**	**553**	**548**
Washington	719	21.1	548	305	476	113	2.7	157	73	29
Oregon	542	25.9	351	207	397	15	.6	97	49	–33
California	3,697	18.5	3,354	1,734	2,078	1,056	4.5	937	416	535
Alaska	99	32.8	76	15	37	36	8.9	22	4	18
Hawaii	195	25.3	163	44	76	29	3.0	41	11	–1

– Represents zero or rounds to zero. [1] 1970 to 1980 based on 1970 population; 1980 to 1982 based on 1980 population. [2] Comprises net immigration from abroad, net interregional, interdivisional, or interstate migration, movement of persons in the Armed Forces and the "error or closure;" see text p. 2.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 927, and unpublished data.

NO. 14. POPULATION PROJECTIONS—STATES: 1980 TO 2000

[1980, as of April 1; 1990 and 2000 as of July 1. These provisional data are based on preliminary 1980 census data. Percent changes cover interval beginning and ending on July 1. See text, p. 2 for explanation of methodology. For composition of regions, see fig. I, inside front cover. Minus sign (–) indicates decrease]

REGION, DIVISION, AND STATE	POPULATION (1,000)			PERCENT CHANGE	
	1980	1990	2000	1980–1990	1990–2000
U.S	**226,505**	**249,203**	**267,462**	**9.7**	**7.3**
Regions:					
Northeast	49,137	48,423	46,401	–1.7	–4.2
North Central	58,854	60,265	59,714	2.1	–.9
South	75,349	87,594	98,828	15.9	12.8
West	43,165	52,920	62,519	22.2	18.1
N. Eng	**12,348**	**12,733**	**12,775**	**2.9**	**.3**
Maine	1,125	1,229	1,308	9.1	6.4
N.H	921	1,139	1,364	23.4	19.7
Vt	512	575	625	12.0	8.8
Mass	5,737	5,704	5,490	–.8	–3.7
R.I	947	951	926	.2	–2.6
Conn	3,108	3,136	3,062	.7	–2.3
Mid Atl	**36,788**	**35,690**	**33,625**	**–3.2**	**–5.8**
N.Y	17,557	16,457	14,990	–6.5	–8.9
N.J	7,364	7,513	7,428	1.8	–1.1
Pa	11,867	11,720	11,208	–1.4	–4.4
E. No. Cent	**41,670**	**42,372**	**41,647**	**1.4**	**–1.7**
Ohio	10,797	10,763	10,357	–.6	–3.8
Ind	5,490	5,679	5,679	3.1	–
Ill	11,418	11,502	11,188	.5	–2.7
Mich	9,258	9,394	9,208	1.2	–2.0
Wis	4,705	5,033	5,216	6.7	3.6
W. No. Cent	**17,184**	**17,894**	**18,067**	**3.9**	**1.0**
Minn	4,077	4,353	4,489	6.5	3.1
Iowa	2,913	2,983	2,972	2.1	–.4
Mo	4,917	5,077	5,080	3.0	.1
N. Dak	653	678	682	3.6	.5
S. Dak	690	698	688	.9	–1.6
Nebr	1,570	1,640	1,662	4.2	1.4
Kans	2,363	2,463	2,494	4.0	1.3
So. Atl	**36,943**	**43,144**	**48,975**	**16.5**	**13.5**
Del	595	630	638	5.5	1.3
Md	4,216	4,491	4,582	6.2	2.0
So. Atl.—Con.					
D.C	638	502	376	–21.4	–24.9
Va	5,346	5,961	6,389	11.2	7.2
W.Va	1,950	2,037	2,068	4.2	1.5
N.C	5,874	6,473	6,868	9.9	6.1
S.C	3,119	3,560	3,907	13.6	9.8
Ga	5,464	6,175	6,708	12.6	8.6
Fla	9,740	13,316	17,438	36.6	31.0
E. So. Cen	**14,663**	**16,121**	**17,174**	**9.6**	**6.5**
Ky	3,661	4,074	4,400	10.9	8.1
Tenn	4,591	5,073	5,420	10.2	6.8
Ala	3,890	4,214	4,415	8.0	4.8
Miss	2,521	2,761	2,939	9.2	6.4
W. So. Cent	**23,743**	**28,328**	**32,679**	**18.9**	**15.4**
Ark	2,286	2,580	2,835	12.6	9.9
La	4,204	4,747	5,160	12.5	8.7
Okla	3,025	3,503	3,944	15.5	12.6
Tex	14,228	17,498	20,739	22.5	18.5
Mt	**11,368**	**15,404**	**20,140**	**35.0**	**30.7**
Mont	787	888	963	12.6	8.4
Idaho	944	1,214	1,512	28.0	24.6
Wyo	471	701	1,002	48.3	42.9
Colo	2,889	3,755	4,657	29.5	24.0
N. Mex	1,300	1,536	1,727	17.7	12.5
Ariz	2,718	3,994	5,582	46.5	39.8
Utah	1,461	2,040	2,777	38.7	36.1
Nev	799	1,275	1,919	59.1	50.4
Pac	**31,797**	**37,516**	**42,379**	**17.6**	**13.0**
Wash	4,130	5,012	5,832	21.0	16.4
Oreg	2,633	3,319	4,025	25.7	21.3
Calif	23,669	27,526	30,613	16.0	11.2
Alaska	400	522	631	29.7	20.8
Hawaii	965	1,138	1,278	17.5	12.3

– Represents zero.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 937.

NO. 15. INMIGRANTS, OUTMIGRANTS AND NET MIGRATION BETWEEN 1975 AND 1980, BY REGION AND DIVISION

[**In thousands.** As of **April 1980.** Covers resident population, 5 years old and over. Based on a sample, see Appendix III. For composition of divisions, see fig. I, inside front cover. Minus sign (–) indicates net outmigration]

REGION AND DIVISION	INMIGRANTS					OUTMIGRANTS					Net migration
	Total	By region of origin				Total	By region of destination				
		Northeast	North Central	South	West		Northeast	North Central	South	West	
Northeast	[1] 1,275	(X)	360	654	261	[1] 3,059	(X)	465	1,617	777	–1,785
New England	699	313	109	183	94	897	193	111	381	212	–198
Middle Atlantic	1,082	193	250	471	167	2,668	313	354	1,436	565	–1,587
North Central	[1] 2,125	465	(X)	1,029	630	[1] 3,505	360	(X)	1,676	1,267	–1,380
East North Central	1,629	359	254	707	309	2,812	287	319	1,407	798	–1,182
West North Central	1,069	106	319	322	321	1,267	73	254	470	470	–198
South	[1] 4,738	1,817	1,978	(X)	1,044	[1] 2,752	654	1,029	(X)	1,069	1,986
South Atlantic	3,262	1,443	902	527	390	2,240	519	501	721	499	1,022
East South Central	1,096	112	361	510	113	925	54	246	497	127	171
West South Central	1,954	261	615	537	541	1,161	81	282	355	443	794
West	[1] 3,114	777	1,267	1,069	(X)	[1] 1,935	261	630	1,044	(X)	1,179
Mountain	1,814	260	575	390	589	1,137	74	247	349	466	677
Pacific	2,357	518	693	679	468	1,856	188	384	695	589	502

X Not applicable. [1] Excludes intraregional migrants.

Source: U.S. Bureau of the Census, *1980 Census of Population, Supplementary Report*, series PC 80-S1-9.

NO. 16. MOBILITY OF THE POPULATION, BY STATES: 1980

[As of April 1. Covers resident population, 5 years old and over. Based on a sample; see Appendix III. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	NUMBER (1,000)					PERCENT DISTRIBUTION				
	Total persons,[1] 1980	Residence in 1975				Total persons,[1] 1980	Residence in 1975			
		Same house as in 1980	Different house, same county	Different county, same State	Different county, different State		Same house as in 1980	Different house, same county	Different county, same State	Different county, different State
U.S	**210,323**	**112,695**	**52,750**	**20,588**	**20,358**	**100.0**	**53.6**	**25.1**	**9.8**	**9.7**
Northeast	46,052	28,436	10,267	3,684	2,800	100.0	61.7	22.3	8.0	6.1
North Central	54,513	30,198	14,398	5,561	3,818	100.0	55.4	26.4	10.2	7.0
South	69,880	36,591	16,813	6,976	8,380	100.0	52.4	24.1	10.0	12.0
West	39,879	17,471	11,272	4,367	5,359	100.0	43.8	28.3	11.0	13.4
New England	**11,594**	**6,654**	**2,712**	**777**	**1,064**	**100.0**	**59.1**	**23.4**	**6.7**	**9.2**
Maine	1,047	595	251	78	113	100.0	56.9	24.0	7.5	10.8
New Hampshire	857	443	195	53	159	100.0	51.6	22.8	6.2	18.5
Vermont	476	259	114	31	68	100.0	54.4	23.9	6.5	14.3
Massachusetts	5,398	3,293	1,224	410	376	100.0	61.0	22.7	7.6	7.0
Rhode Island	891	538	213	44	78	100.0	60.5	23.9	5.0	8.7
Connecticut	2,925	1,725	714	161	271	100.0	59.0	24.4	5.5	9.3
Middle Atlantic	**34,458**	**21,582**	**7,556**	**2,906**	**1,737**	**100.0**	**62.6**	**21.9**	**8.4**	**5.0**
New York	16,432	10,107	3,722	1,530	624	100.0	61.5	22.6	9.3	3.8
New Jersey	6,904	4,249	1,384	591	539	100.0	61.5	20.0	8.6	7.8
Pennsylvania	11,122	7,227	2,450	785	574	100.0	65.0	22.0	7.1	5.2
East North Central	**38,623**	**21,632**	**10,579**	**3,691**	**2,327**	**100.0**	**56.0**	**27.4**	**9.6**	**6.0**
Ohio	10,015	5,676	2,799	903	570	100.0	56.7	27.9	9.0	5.7
Indiana	5,074	2,778	1,394	485	384	100.0	54.8	27.5	9.6	7.6
Illinois	10,593	5,883	3,024	856	642	100.0	55.5	28.5	8.1	6.1
Michigan	8,582	4,844	2,250	970	440	100.0	56.4	26.2	11.3	5.1
Wisconsin	4,360	2,451	1,111	478	290	100.0	56.2	25.5	11.0	6.7
West North Central	**15,890**	**8,566**	**3,819**	**1,870**	**1,491**	**100.0**	**53.9**	**24.0**	**11.8**	**9.4**
Minnesota	3,770	2,095	861	502	275	100.0	55.6	22.8	13.3	7.3
Iowa	2,693	1,496	672	293	213	100.0	55.6	25.0	10.9	7.9
Missouri	4,564	2,466	1,099	537	429	100.0	54.0	24.1	11.8	9.4
North Dakota	598	309	138	68	76	100.0	51.7	23.1	11.4	12.7
South Dakota	633	334	147	76	71	100.0	52.9	23.2	12.1	11.1
Nebraska	1,448	769	353	159	153	100.0	53.1	24.4	11.0	10.5
Kansas	2,184	1,096	548	234	275	100.0	50.2	25.1	10.7	12.6
South Atlantic	**34,498**	**18,174**	**7,725**	**3,331**	**4,687**	**100.0**	**52.7**	**22.4**	**9.7**	**13.6**
Delaware	555	316	146	11	74	100.0	57.0	26.3	2.0	13.3
Maryland	3,947	2,191	865	405	412	100.0	55.5	21.9	10.3	10.4
District of Columbia	603	351	137	(x)	98	100.0	58.2	22.7	(x)	16.3
Virginia	4,991	2,543	894	749	695	100.0	51.0	17.9	15.0	13.9
West Virginia	1,806	1,100	423	119	156	100.0	60.9	23.4	6.6	8.6
North Carolina	5,478	3,120	1,287	469	538	100.0	56.9	23.5	8.9	9.8
South Carolina	2,884	1,660	644	222	332	100.0	57.5	22.3	7.7	11.5
Georgia	5,052	2,650	1,150	615	582	100.0	52.5	22.8	12.2	11.5
Florida	9,183	4,242	2,180	721	1,801	100.0	46.2	23.7	7.8	19.6
East South Central	**13,556**	**7,591**	**3,508**	**1,071**	**1,287**	**100.0**	**56.0**	**25.9**	**7.9**	**9.5**
Kentucky	3,379	1,839	920	292	303	100.0	54.4	27.2	8.6	9.0
Tennessee	4,269	2,316	1,159	314	451	100.0	54.2	27.1	7.4	10.6
Alabama	3,601	2,074	910	268	320	100.0	57.6	25.3	7.4	8.9
Mississippi	2,307	1,362	519	198	213	100.0	59.0	22.5	8.6	9.2
West South Central	**21,826**	**10,826**	**5,580**	**2,574**	**2,406**	**100.0**	**49.6**	**25.6**	**11.8**	**11.0**
Arkansas	2,113	1,122	523	191	282	100.0	53.1	24.8	9.1	12.4
Louisiana	3,847	2,193	934	352	325	100.0	57.0	24.3	9.2	8.4
Oklahoma	2,793	1,330	696	343	383	100.0	47.6	24.9	12.3	13.7
Texas	13,074	6,180	3,427	1,688	1,436	100.0	47.3	26.2	12.9	11.0
Mountain	**10,386**	**4,439**	**2,609**	**947**	**2,193**	**100.0**	**42.7**	**25.1**	**9.1**	**21.1**
Montana	722	342	177	89	108	100.0	47.3	24.5	12.3	15.0
Idaho	852	378	210	81	170	100.0	44.4	24.7	9.5	20.0
Wyoming	425	163	100	36	120	100.0	38.4	23.6	8.6	28.3
Colorado	2,676	1,066	608	396	551	100.0	39.8	22.7	14.8	20.6
New Mexico	1,188	598	276	86	207	100.0	50.3	23.2	7.2	17.4
Arizona	2,506	1,051	680	125	598	100.0	41.9	27.1	5.0	23.9
Utah	1,272	582	354	107	203	100.0	45.8	27.8	8.4	16.0
Nevada	745	259	204	27	235	100.0	34.8	27.4	3.6	31.5
Pacific	**29,493**	**13,032**	**8,663**	**3,420**	**3,166**	**100.0**	**44.2**	**29.4**	**11.6**	**10.7**
Washington	3,825	1,670	1,059	387	621	100.0	43.7	27.7	10.1	16.2
Oregon	2,437	1,009	649	326	413	100.0	41.4	26.6	13.4	16.9
California	21,980	9,798	6,631	2,652	1,877	100.0	44.6	30.2	12.1	8.5
Alaska	363	117	100	32	106	100.0	32.2	27.6	8.7	29.1
Hawaii	888	438	223	24	150	100.0	49.3	25.2	2.8	16.9

X Not applicable. [1] Includes persons residing abroad in 1975.

Source: U.S. Bureau of the Census, *1980 Census of Population, Supplementary Report*, series PC80-S1-9.

No. 17. Mobility Status of the Population, by Race, Spanish Origin, and Region: 1980–1981

(**For persons 1 year old and over.** Based on Current Population Survey; see source for sampling variability. Includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. See also text, p. 4. Persons of Spanish origin may be of any race. Refers to 243 standard metropolitan statistical areas (SMSA's) as defined in 1970 census publications; see Appendix II. For composition of regions, see fig. I, inside front cover)

Residence in 1981 compared with residence in 1980	Total [1]	White	Black	Spanish origin	North-east	North Central	South	West
NUMBER (1,000)								
Total	**221,641**	**190,187**	**25,865**	**13,255**	**47,923**	**57,058**	**73,908**	**42,752**
Same house (nonmovers)	183,442	158,218	21,086	10,114	42,074	48,090	60,218	33,060
Central cities of SMSA's	48,924	35,633	11,772	4,823	12,526	11,881	14,446	10,068
Balance of SMSA's	74,366	68,324	4,379	3,542	20,629	19,652	18,325	15,759
Outside SMSA's	60,152	54,260	4,935	1,749	8,917	16,556	27,447	7,233
Different house in the U.S.	36,887	31,102	4,686	2,807	5,643	8,788	13,278	9,178
Within same SMSA	18,000	14,257	3,198	1,837	3,113	4,683	5,409	4,795
Within central city	7,434	4,927	2,312	915	1,330	2,137	2,471	1,495
Within balance of SMSA	6,852	6,223	432	564	1,386	1,713	1,760	1,993
Central city to balance of SMSA	2,534	2,129	301	224	249	483	930	872
Balance of SMSA to central city	1,179	979	152	134	147	349	248	435
Between SMSA's	5,111	4,505	451	372	896	833	1,739	1,643
From outside SMSA's to SMSA's	2,156	1,919	168	100	239	314	928	674
From SMSA's to outside SMSA's	2,360	2,060	220	77	297	558	1,097	398
Outside SMSA's at both dates	9,271	8,360	651	422	1,098	2,401	4,105	1,667
Movers from abroad	1,313	867	93	334	207	180	412	514
PERCENT DISTRIBUTION								
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Same house (nonmovers)	82.8	83.2	81.5	76.3	87.8	84.3	81.5	77.3
Central cities of SMSA's	22.1	18.7	45.5	36.4	26.1	20.8	19.5	23.5
Balance of SMSA's	33.6	35.9	16.9	26.7	43.0	34.4	24.8	36.9
Outside SMSA's	27.1	28.5	19.1	13.2	18.6	29.0	37.1	16.9
Different house in the U.S.	16.6	16.4	18.1	21.2	11.8	15.4	18.0	21.5
Within same SMSA	8.1	7.5	12.4	13.9	6.5	8.2	7.3	11.2
Within central city	3.4	2.6	8.9	6.9	2.8	3.7	3.3	3.5
Within balance of SMSA	3.1	3.3	1.7	4.3	2.9	3.0	2.4	4.7
Central city to balance of SMSA	1.1	1.1	1.2	1.7	.5	.8	1.3	2.0
Balance of SMSA to central city	.5	.5	.6	1.0	.3	.6	.3	1.0
Between SMSA's	2.3	2.4	1.7	2.8	1.9	1.5	2.4	3.8
From outside SMSA's to SMSA's	1.0	1.0	.6	.8	.5	.6	1.3	1.6
From SMSA's to outside SMSA's	1.1	1.1	.8	.6	.6	1.0	1.5	.9
Outside SMSA's at both dates	4.2	4.4	2.5	3.2	2.3	4.2	5.6	3.9
Movers from abroad	.6	.5	.4	2.5	.4	.3	.6	1.2

[1] Includes other races not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 377.

No. 18. Mobility Status of the Population, by Age: 1980–1981

[See headnote, table 17]

Age	Total	Non-movers (same house in 1980)	Movers (different house in U.S., 1980)						Movers from abroad
			Total	Within same SMSA	Be-tween SMSA's	From outside SMSA's to SMSA's	From SMSA's to outside SMSA's	Outside SMSA's at both dates	
NUMBER (1,000)									
Total	**221,641**	**183,442**	**36,887**	**18,000**	**5,111**	**2,156**	**2,350**	**9,271**	**1,313**
1–4 years	13,164	9,692	3,364	1,680	414	163	202	906	108
5–19 years	54,594	45,728	8,565	4,013	1,066	504	536	2,445	300
20–24 years	20,985	12,996	7,721	3,818	969	529	471	1,935	267
25–29 years	19,691	13,566	5,934	3,114	876	314	320	1,310	191
30–34 years	*18,137*	*14,387*	*3,623*	*1,802*	*559*	*201*	*242*	*818*	*128*
35–44 years	26,187	22,766	3,294	1,619	486	158	250	782	127
45–64 years	44,197	40,796	3,265	1,485	550	196	225	809	136
65 years and over	24,686	23,551	1,119	467	190	91	105	265	56
PERCENT DISTRIBUTION									
Total	**100.0**	**82.8**	**16.6**	**8.1**	**2.3**	**1.0**	**1.1**	**4.2**	**.6**
1–4 years	100.0	73.6	25.6	12.8	3.1	1.2	1.5	6.9	.8
5–19 years	100.0	83.8	15.7	7.4	2.0	.9	1.0	4.5	.5
20–24 years	100.0	61.9	36.8	18.2	4.6	2.5	2.2	9.2	1.3
25–29 years	100.0	68.9	30.1	15.8	4.5	1.6	1.6	6.7	1.0
30–34 years	100.0	79.3	20.0	9.9	3.1	1.1	1.3	4.5	.7
35–44 years	100.0	86.9	12.6	6.2	1.9	.6	1.0	3.0	.5
45–64 years	100.0	92.3	7.4	3.4	1.2	.4	.5	1.8	.3
65 years and over	100.0	95.2	4.5	1.9	.8	.4	.4	1.1	.2

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 377.

No. 19. Metropolitan and Nonmetropolitan Area Population: 1940 to 1980

[Metropolitan area definition as of year shown, except as noted. See headnote, table 20]

ITEM	1940 [1]	1950	1960	1970	1980 [2] (SMSA's)	1980 [3] (MSA's and PMSA's)
Metropolitan areas: Number of areas	169	169	212	243	318	329
Population (1,000)	69,535	84,854	112,885	139,419	169,431	171,777
Percent change over previous year shown	(x)	22.0	33.0	23.5	21.5	(x)
Percent of total U.S. population	52.6	56.1	63.0	68.6	74.8	75.8
Land area, percent of U.S. land area	5.9	5.9	8.7	10.9	16.0	(NA)
Nonmetropolitan areas, population (1,000)	62,630	66,472	66,438	63,793	57,115	54,769

NA Not available. X Not applicable. [1] 1950 metropolitan area definition. [2] See footnote 1, table 20.
[3] See footnote 2, table 20.

No. 20. Number and Population of Metropolitan Areas, by Population Size-Class: 1970 and 1980

[As of **April 1**. Data exclude Puerto Rico. For definitions, see Appendix II. See also *Historical Statistics, Colonial Times to 1970*, series A 264-275]

LEVEL AND POPULATION SIZE-CLASS OF METROPOLITAN AREA	Number, 1980	Population, 1970 (mil.)	POPULATION, 1980 Total (mil.)	Percent in each class	Percent change, 1970-1980	Number, 1980	Population, 1970 (mil.)	POPULATION, 1980 Total (mil.)	Percent in each class	Percent change, 1970-1980
	SCSA's and other SMSA's [1]					CMSA's and MSA's [2]				
Total, all metropolitan areas	**286**	**153.7**	**169.4**	**100.0**	**10.2**	**275**	**155.4**	**171.8**	**100.0**	**10.5**
Level A (1,000,000 or more)	34	96.4	103.3	61.0	7.1	35	100.1	107.8	62.7	7.7
2,500,000 or more	12	65.5	68.9	40.7	5.1	12	67.6	71.5	41.6	5.7
1,000,000-2,499,999	22	30.9	34.4	20.3	11.4	23	32.4	36.3	21.1	11.8
Level B (250,000-999,999)	94	36.3	43.9	25.9	14.6	90	37.5	43.1	25.1	14.8
500,000-999,999	32	19.5	22.3	13.2	14.3	33	20.4	23.3	13.6	14.2
250,000-499,999	62	18.8	21.6	12.7	14.9	57	17.1	19.8	11.5	15.5
Level C (100,000-249,999)	130	16.9	19.8	11.7	17.6	122	15.7	18.5	10.8	17.9
Level D (less than 100,000)	28	2.1	2.4	1.4	13.3	28	2.1	2.4	1.4	13.4
	318 SMSA's [1]					MSA's and PMSA's [2]				
Total, all metropolitan areas	**318**	**153.7**	**169.4**	**100.0**	**10.2**	**329**	**155.4**	**171.8**	**100.0**	**10.5**
Level A (1,000,000 or more)	38	86.6	92.9	54.8	7.3	40	84.4	90.6	52.7	7.3
2,500,000 or more	11	49.1	50.3	29.7	2.5	9	42.0	42.4	24.7	1.1
1,000,000-2,499,999	27	37.4	42.5	25.1	13.6	31	42.4	48.2	28.0	13.5
Level B (250,000-999,999)	112	46.5	52.6	31.1	13.1	119	50.3	57.0	33.2	13.3
500,000-999,999	41	25.1	28.1	16.6	11.8	45	28.2	31.7	18.5	12.3
250,000-499,999	71	21.4	24.6	14.5	14.7	74	22.0	25.3	14.7	14.7
Level C (100,000-249,999)	140	18.5	21.6	12.7	16.4	140	18.5	21.7	12.6	17.3
Level D (less than 100,000)	28	2.1	2.4	1.4	13.3	30	2.3	2.6	1.5	13.0

[1] SCSA-standard consolidated statistical area. SMSA-standard metropolitan statistical area. Areas are as defined by U.S. Office of Management and Budget, June 30, 1981. [2] CMSA-consolidated metropolitan statistical area. MSA-metropolitan statistical area. PMSA-primary metropolitan statistical area. Areas are as defined by U.S. Office of Management and Budget, June 30, 1983.

No. 21. Population by Metropolitan-Nonmetropolitan Residence, 1970 and 1980, and by Race and Spanish Origin, 1980

[As of **April**. Covers MSA's (metropolitan statistical areas) as defined by U.S. Office of Management and Budget, June 30, 1983. See also *Historical Statistics, Colonial Times to 1970*, series A 276-287]

RACE AND SPANISH ORIGIN	NUMBER (mil.) Total	Inside MSA's Total	Central cities	Outside central cities	Outside MSA's	PERCENT DISTRIBUTION Total	Inside MSA's Total	Central cities	Outside central cities	Outside MSA's
1970, total [1]	**203.3**	**155.4**	**71.9**	**83.5**	**47.9**	**100.0**	**76.4**	**35.4**	**41.1**	**23.6**
1980, total	**226.5**	**171.8**	**72.4**	**99.3**	**54.8**	**100.0**	**75.8**	**32.0**	**43.8**	**24.2**
White	188.4	140.2	50.8	89.4	48.2	100.0	74.4	27.0	47.4	25.6
Black	26.5	21.7	15.8	5.9	4.8	100.0	82.0	59.7	22.3	18.0
American Indian, Eskimo, Aleut	1.4	.7	.3	.4	.7	100.0	48.2	22.3	25.9	51.8
Asian and Pacific Islander	3.5	3.2	1.7	1.5	.3	100.0	91.7	48.1	43.6	8.3
Other	6.8	6.0	3.8	2.2	.8	100.0	88.7	56.7	32.0	11.3
Spanish origin [2]	14.6	12.8	7.7	5.1	1.8	100.0	87.7	52.9	34.8	12.3

[1] Includes revisions made since publication of 1970 census reports. [2] Persons of Spanish origin may be of any race.

Source of tables 19-21: U.S. Bureau of the Census, *U.S. Census of Population: 1940, 1950, 1960, 1970*, and *1980 Census of Population*, vol. I, chapters A and B and forthcoming report.

NO. 22. METROPOLITAN AND NONMETROPOLITAN AREA POPULATION—STATES: 1970 TO 1980

[As of April 1. Excludes Armed Forces abroad. For composition of regions, see fig. I, inside front cover. Minus sign (−) indicates decrease]

REGION, DIVISION, AND STATE	METROPOLITAN AREA POPULATION							NONMETROPOLITAN AREA POPULATION						
	Total (1,000)			Percent change, 1970–1980 (1983 definition [1])	Percent of State			Total (1,000)			Percent change, 1970–1980 (1983 definition [1])	Percent of State		
	1983 definition [1]		1980 (1981 definition [2])		1983 definition [1]		1980 (1981 definition [2])	1983 definition [1]		1980 (1981 definition [2])		1983 definition [1]		1980 (1981 definition [2])
	1970	1980			1970	1980		1970	1980			1970	1980	
U.S	**155,413**	**171,777**	**169,431**	**10.5**	**76.4**	**75.8**	**74.8**	**47,889**	**54,769**	**57,115**	**14.4**	**23.6**	**24.2**	**25.2**
Regions:														
Northeast	43,742	43,291	41,742	−1.0	89.2	88.1	85.0	5,318	5,844	7,393	9.9	10.8	11.9	15.0
N. Central	40,401	41,479	41,713	2.7	71.4	70.5	70.9	16,189	17,387	17,153	7.4	28.6	29.5	29.1
South	42,180	51,329	50,367	21.7	67.2	68.1	66.8	20,633	24,044	25,005	16.5	32.8	31.9	33.2
West	29,090	35,679	35,609	22.7	83.5	82.6	82.5	5,749	7,494	7,564	30.4	16.5	17.4	17.5
N. Eng	**9,822**	**10,020**	**9,461**	**2.0**	**82.9**	**81.1**	**76.6**	**2,026**	**2,329**	**2,887**	**15.0**	**17.1**	**18.9**	**23.4**
Maine	365	404	371	10.7	36.8	36.0	33.0	628	720	754	14.6	63.2	64.0	67.0
N.H	404	511	467	26.3	54.8	55.5	50.7	333	410	454	22.9	45.2	44.5	49.3
Vt	99	115	114	16.3	22.3	22.5	22.3	346	396	397	14.6	77.7	77.5	77.7
Mass	5,266	5,231	4,892	−.7	92.6	91.2	85.3	423	506	845	19.4	7.4	8.8	14.7
R.I	868	878	873	1.2	91.4	92.7	92.2	82	69	74	−15.5	8.6	7.3	7.8
Conn	2,819	2,879	2,744	2.1	93.0	92.7	88.3	213	228	363	7.0	7.0	7.3	11.7
Mid. Atl	**33,921**	**33,272**	**32,280**	**−1.9**	**91.2**	**90.4**	**87.8**	**3,293**	**3,515**	**4,506**	**6.8**	**8.8**	**9.6**	**12.2**
N.Y	16,647	15,869	15,828	−4.7	91.3	90.4	90.1	1,594	1,689	1,730	5.9	8.7	9.6	9.9
N.J	7,171	7,365	6,733	2.7	100.0	100.0	91.4	–	–	632	–	–	–	8.6
Pa	10,102	10,038	9,719	−.6	85.6	84.6	81.9	1,698	1,826	2,145	7.5	14.4	15.4	18.1
E. No. Cent	**31,621**	**32,204**	**32,558**	**1.8**	**78.5**	**77.3**	**78.1**	**8,642**	**9,479**	**9,124**	**9.7**	**21.5**	**22.7**	**21.9**
Ohio	8,565	8,521	8,666	−.5	80.4	78.9	80.3	2,092	2,277	2,131	8.8	19.6	21.1	19.7
Ind	3,551	3,719	3,832	4.7	68.4	67.7	69.8	1,644	1,771	1,658	7.7	31.6	32.3	30.2
Ill	9,125	9,339	9,251	2.3	82.1	81.7	81.0	1,986	2,088	2,176	5.1	17.9	18.3	19.0
Mich	7,361	7,481	7,664	1.6	82.9	80.8	82.8	1,521	1,782	1,598	17.1	17.1	19.2	17.2
Wis	3,019	3,145	3,145	4.2	68.3	66.8	66.8	1,399	1,561	1,561	11.6	31.7	33.2	33.2
W. No. Cent	**8,780**	**9,275**	**9,154**	**5.6**	**53.8**	**54.0**	**53.3**	**7,547**	**7,909**	**8,029**	**4.8**	**46.2**	**46.0**	**46.7**
Minn	2,434	2,621	2,632	7.7	63.9	64.3	64.6	1,373	1,455	1,444	6.0	36.1	35.7	35.4
Iowa	1,154	1,223	1,169	6.0	40.8	42.0	40.1	1,671	1,691	1,745	1.2	59.2	58.0	59.9
Mo	3,170	3,226	3,210	1.8	67.8	65.6	65.3	1,508	1,690	1,706	12.1	32.2	34.4	34.7
N. Dak	196	234	234	19.7	31.7	35.9	35.9	422	418	418	−.9	68.3	64.1	64.1
S. Dak	95	109	109	14.9	14.3	15.8	15.8	571	581	581	1.8	85.7	84.2	84.2
Nebr	650	708	693	8.9	43.8	45.1	44.1	835	862	877	3.2	56.2	54.9	55.9
Kans	1,082	1,153	1,107	6.5	48.1	48.8	46.8	1,167	1,211	1,257	3.8	51.9	51.2	53.2
So. Atl	**22,014**	**26,691**	**26,032**	**21.2**	**71.8**	**72.2**	**70.4**	**8,665**	**10,268**	**10,927**	**18.5**	**28.2**	**27.8**	**29.6**
Del	386	398	398	3.2	70.4	67.0	67.0	162	196	196	20.9	29.6	33.0	33.0
Md	3,668	3,920	3,745	6.9	93.5	93.0	88.8	255	297	472	16.3	6.5	7.0	11.2
D.C	757	638	638	−15.6	100.0	100.0	100.0	–	–	–	–	–	–	–
Va	3,280	3,745	3,721	14.2	70.5	70.0	69.6	1,371	1,601	1,626	16.8	29.5	30.0	30.4
W. Va	683	718	723	5.1	39.1	36.8	37.1	1,061	1,232	1,227	16.0	60.9	63.2	62.9
N.C	2,755	3,204	3,098	16.3	54.2	54.5	52.7	2,330	2,678	2,783	14.9	45.8	45.5	47.3
S.C	1,504	1,865	1,865	24.0	58.0	59.8	59.8	1,087	1,256	1,256	15.6	42.0	40.2	40.2
Ga	2,807	3,403	3,276	21.2	61.2	62.3	60.0	1,781	2,060	2,187	15.7	38.8	37.7	40.0
Fla	6,175	8,799	8,568	42.5	90.9	90.3	87.9	616	948	1,179	53.7	9.1	9.7	12.1
E. So. Cent	**6,847**	**7,829**	**7,612**	**14.3**	**53.5**	**53.4**	**51.9**	**5,961**	**6,838**	**7,055**	**14.7**	**46.5**	**46.6**	**48.1**
Ky	1,550	1,677	1,628	8.2	48.1	45.8	44.5	1,671	1,984	2,032	18.7	51.9	54.2	55.5
Tenn	2,564	2,974	2,884	16.0	65.3	64.8	62.8	1,362	1,617	1,707	18.8	34.7	35.2	37.2
Ala	2,169	2,462	2,415	13.5	63.0	63.2	62.0	1,275	1,432	1,479	12.3	37.0	36.8	38.0
Miss	564	716	684	26.9	25.5	28.4	27.1	1,653	1,804	1,836	9.2	74.5	71.6	72.9
W. So. Cent	**13,318**	**16,809**	**16,723**	**26.2**	**68.9**	**70.8**	**70.4**	**6,008**	**6,938**	**7,024**	**15.5**	**31.1**	**29.2**	**29.6**
Ark	730	885	896	21.2	38.0	38.7	39.2	1,193	1,401	1,390	17.5	62.0	61.3	60.8
La	2,439	2,892	2,666	18.6	66.9	66.8	63.4	1,205	1,314	1,540	9.0	33.1	31.2	36.6
Okla	1,432	1,724	1,770	20.4	56.0	57.0	58.5	1,127	1,301	1,255	15.4	44.0	43.0	41.5
Tex	8,716	11,307	11,390	29.7	77.8	79.5	80.0	2,483	2,922	2,840	17.7	22.2	20.5	20.0
Mt	**5,029**	**7,102**	**7,173**	**41.2**	**60.7**	**62.4**	**63.1**	**3,261**	**4,271**	**4,200**	**31.0**	**39.3**	**37.6**	**36.9**
Mont	169	189	189	11.6	24.4	24.0	24.0	525	598	598	13.8	75.6	76.0	76.0
Idaho	112	173	173	54.2	15.7	18.3	18.3	601	771	771	28.3	84.3	81.7	81.7
Wyo	51	72	72	40.2	15.4	15.3	15.3	281	398	398	41.5	84.6	84.7	84.7
Colo	1,772	2,326	2,337	31.3	80.2	80.5	80.9	438	563	553	28.7	19.8	19.5	19.1
N. Mex	386	516	551	33.8	37.9	39.6	42.3	632	787	752	24.6	62.1	60.4	57.7
Ariz	1,323	2,040	2,040	54.2	74.5	75.1	75.1	453	678	678	49.8	25.5	24.9	24.9
Utah	822	1,128	1,154	37.3	77.6	77.2	79.0	238	333	307	40.0	22.4	22.8	21.0
Nev	394	657	657	66.5	80.7	82.0	82.0	94	144	144	52.3	19.3	18.0	18.0
Pac	**24,061**	**28,577**	**28,436**	**18.8**	**90.6**	**89.9**	**89.4**	**2,488**	**3,223**	**3,364**	**29.5**	**9.4**	**10.1**	**10.6**
Wash	2,752	3,322	3,322	20.7	80.6	80.4	80.4	661	810	810	22.5	19.4	19.6	19.6
Oreg	1,415	1,763	1,708	24.6	67.7	67.0	64.9	676	870	925	28.7	32.3	33.0	35.1
Calif	19,136	22,555	22,469	17.9	95.8	95.3	94.9	835	1,113	1,199	33.4	4.2	4.7	5.1
Alaska	126	174	174	38.0	41.8	43.4	43.4	176	227	227	29.1	58.2	56.6	56.6
Hawaii	631	763	763	20.9	81.9	79.0	79.0	139	202	202	45.0	18.1	21.0	21.0

– Represents zero or rounds to zero. [1] Refers to 253 metropolitan statistical areas and 22 consolidated metropolitan statistical areas as defined by U.S. Office of Management and Budget, June 30, 1983; see Appendix II. [2] Refers to 318 standard metropolitan statistical areas as defined by U.S. Office of Management and Budget, June 30, 1981; see Appendix II.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1, chapter A (PC80-1-A) and forthcoming report.

No. 23. Metropolitan Statistical Areas—Population, 1970 and 1980, and Selected Characteristics, 1980

[As of April 1. Covers 22 consolidated metropolitan statistical areas (CMSA's), their 76 component primary metropolitan statistical areas (PMSA's), and the remaining 253 MSA's as defined by the Office of Management and Budget as of June 30, 1983. Figures for 1970 include corrections. Rank based on unrounded figures for CMSA's and MSA's only. For definitions and components of all MSA's, see Appendix II. Minus sign (−) indicates decrease]

Metropolitan area	1970 (1,000)	1980						
		Total (1,000)	Rank	Percent change, 1970–1980	Black (1,000)	Spanish origin[1] (1,000)	Percent under 18 years old	Percent 65 years old and over
Abilene, Tex.	98	111	232	13.4	7	13	27.8	10.7
Akron, Ohio PMSA	679	660	(x)	−2.8	60	4	27.7	10.4
Albany, Ga	97	112	229	16.3	46	1	34.0	7.2
Albany-Schenectady-Troy, N.Y.	811	836	46	3.1	31	9	26.6	13.1
Albuquerque, N. Mex.	316	420	80	32.9	10	155	29.0	8.1
Alexandria, La.	118	135	195	14.6	36	2	31.6	10.6
Allentown-Bethlehem, Pa.-N.J.	594	635	54	6.9	9	15	25.4	12.9
Alton-Granite City, Ill. PMSA	269	268	(x)	−.4	14	3	28.3	11.8
Altoona, Pa	135	136	194	.9	1	(z)	27.5	14.3
Amarillo, Tex.	144	174	157	20.3	9	15	28.7	9.7
Anaheim-Santa Ana, Calif. PMSA	1,421	1,933	(x)	36.0	25	286	27.2	8.3
Anchorage, Alaska	126	174	156	38.0	9	5	31.5	2.0
Anderson, Ind	139	139	188	.6	10	1	29.8	10.9
Anderson, S.C.	105	133	197	26.3	23	1	29.0	10.8
Ann Arbor, Mich. PMSA	234	265	(x)	13.1	28	4	24.2	6.4
Anniston, Ala.	103	120	215	16.2	21	1	28.5	9.7
Appleton-Oshkosh-Neenah, Wis.	277	291	107	5.2	(z)	2	29.9	10.7
Asheville, N.C.	145	161	171	10.9	14	1	25.8	13.7
Athens, Ga.	108	130	202	20.7	24	1	25.5	8.9
Atlanta, Ga.	1,684	2,138	16	27.0	526	24	29.4	7.8
Atlantic City, N.J.	235	276	113	17.8	39	9	25.5	17.2
Augusta, Ga.-S.C.	291	346	95	18.8	107	5	30.0	8.4
Aurora-Elgin, Ill. PMSA	277	316	(x)	13.8	14	27	31.8	8.9
Austin, Tex.	360	537	63	48.9	50	94	26.5	7.8
Bakersfield, Calif.	330	403	84	22.1	21	87	30.9	9.7
Baltimore, Md.	2,089	2,200	15	5.3	561	22	27.0	10.1
Bangor, Maine	80	84	265	5.0	(z)	(z)	25.1	10.6
Baton Rouge, La.	376	494	69	31.6	138	8	31.5	7.0
Battle Creek, Mich.	142	142	185	−.3	14	2	28.9	11.3
Beaumont-Port Arthur, Tex.	348	375	88	8.0	82	13	29.8	10.3
Beaver County, Pa. PMSA	208	204	(x)	−1.9	11	1	26.6	11.9
Bellingham, Wash.	82	107	239	30.2	(z)	2	26.6	11.2
Benton Harbor, Mich.	164	171	161	4.5	25	2	30.8	11.0
Bergen-Passaic, N.J. PMSA	1,358	1,293	(x)	−4.8	92	91	24.9	12.3
Billings, Mont.	87	108	237	23.7	(z)	3	29.3	9.1
Biloxi-Gulfport, Miss.	152	182	153	19.9	33	3	30.7	9.1
Binghamton, N.Y.	268	263	123	−1.8	3	2	27.3	12.2
Birmingham, Ala.	794	884	42	11.3	240	6	28.1	11.7
Bismarck, N. Dak.	61	80	270	31.1	(z)	(z)	30.8	9.1
Bloomington, Ind.	85	99	250	15.9	3	1	21.0	7.2
Bloomington-Normal, Ill.	104	119	216	14.1	5	1	24.6	9.7
Boise City, Idaho	112	173	158	54.2	1	4	30.2	8.6
Boston, Mass. PMSA	2,887	2,806	(x)	−2.8	164	68	24.9	12.2
Boston-Lawrence-Salem, Mass.-N.H. CMSA	3,939	3,972	7	.8	176	92	26.1	11.8
Boulder-Longmont, Colo. PMSA	132	190	(x)	43.8	2	10	24.9	6.8
Bradenton, Fla.	97	148	181	52.9	13	3	20.9	27.1
Brazoria, Tex. PMSA	108	170	(x)	56.6	13	23	31.1	6.1
Bremerton, Wash.	102	147	182	44.6	3	4	28.7	9.9
Bridgeport-Milford, Conn. PMSA	444	439	(x)	−1.2	36	31	26.8	12.1
Bristol, Conn. PMSA	70	74	(x)	5.6	1	1	27.9	10.3
Brockton, Mass. PMSA	163	183	(x)	12.4	6	3	30.1	10.6
Brownsville-Harlingen, Tex.	140	210	138	49.4	1	162	38.3	9.6
Bryan-College Station, Tex.	58	94	256	61.4	10	9	22.4	6.8
Buffalo, N.Y. PMSA	1,113	1,015	(x)	−8.8	103	14	26.6	12.4
Buffalo-Niagara Falls, N.Y. CMSA	1,349	1,243	29	−7.9	114	16	26.8	12.3
Burlington, N.C.	97	99	248	2.9	19	1	26.3	11.5
Burlington, Vt.	99	115	222	16.3	(z)	1	27.5	7.7
Canton, Ohio	394	404	83	2.7	24	3	28.6	11.1
Casper, Wyo.	51	72	271	40.2	1	3	29.9	6.3

See footnotes at end of table.

NO. 23. METROPOLITAN STATISTICAL AREAS—POPULATION, 1970 AND 1980, AND SELECTED CHARACTERISTICS, 1980—Continued

[See headnote, p. 20]

METROPOLITAN AREA	1970 (1,000)	1980						
		Total (1,000)	Rank	Percent change, 1970–1980	Black (1,000)	Spanish origin [1] (1,000)	Percent under 18 yrs. old	Percent 65 years old and over
Cedar Rapids, Iowa	163	170	163	4.0	3	1	29.1	10.1
Champaign-Urbana-Rantoul, Ill.	163	168	164	3.1	15	2	22.6	7.2
Charleston, S.C.	336	430	76	28.1	133	6	30.5	6.9
Charleston, W. Va.	257	270	118	4.8	14	1	26.8	11.5
Charlotte-Gastonia-Rock Hill, N.C.-S.C.	840	971	36	15.6	194	7	28.5	9.6
Charlottesville, Va	90	114	223	26.9	17	1	23.4	9.6
Chattanooga, Tenn.-Ga.	371	427	77	15.0	60	3	28.4	10.9
Chicago, Ill. PMSA	6,093	6,060	(x)	−.5	1,354	520	26.1	10.4
Chicago-Gary-Lake County (Ill.), Ill.-Ind.-Wis. CMSA	7,779	7,937	3	2.0	1,557	632	26.9	9.9
Chico, Calif.	102	144	184	41.1	2	8	23.1	15.5
Cincinnati, Ohio-Ky.-Ind. PMSA	1,387	1,401	(x)	1.0	174	8	29.2	10.9
Cincinnati-Hamilton, Ohio-Ky.-Ind. CMSA	1,613	1,660	20	2.9	186	9	29.1	10.6
Clarksville-Hopkinsville, Tenn.-Ky.	119	150	179	26.3	32	4	29.1	8.1
Cleveland, Ohio PMSA	2,064	1,899	(x)	−8.0	346	26	27.1	11.7
Cleveland-Akron-Lorain, Ohio CMSA	3,000	2,834	11	−5.5	426	43	27.7	11.1
Colorado Springs, Colo.	236	309	105	31.1	19	25	29.3	6.8
Columbia, Mo.	81	100	247	24.0	6	1	22.3	7.6
Columbia, S.C.	323	410	82	27.0	118	5	27.9	7.3
Columbus, Ga.-Ala.	239	239	131	.3	84	6	29.5	8.5
Columbus, Ohio	1,149	1,244	28	8.2	137	8	28.1	9.0
Corpus Christi, Tex.	285	326	99	14.5	13	158	33.6	8.4
Cumberland, Md.-W. Va.	107	108	238	.6	2	(z)	26.2	14.5
Dallas, Tex. PMSA	1,556	1,957	(x)	25.8	316	176	29.5	7.9
Dallas-Fort Worth, Tex. CMSA	2,352	2,931	10	24.6	419	248	29.3	8.2
Danbury, Conn. PMSA	136	170	(x)	24.8	4	3	30.2	9.1
Danville, Va.	105	112	230	6.3	34	1	27.0	12.7
Davenport-Rock Island-Moline, Iowa-Ill.	363	384	86	5.9	17	12	29.6	10.7
Dayton-Springfield, Ohio	975	942	39	−3.4	118	6	28.5	9.8
Daytona Beach, Fla.	169	259	124	52.7	29	4	21.2	22.3
Decatur, Ill.	125	131	199	5.1	14	1	29.1	11.7
Denver, Colo. PMSA	1,106	1,429	(x)	29.1	76	163	27.9	7.9
Denver-Boulder, Colo. CMSA	1,238	1,618	21	30.7	78	174	27.5	7.8
Des Moines, Iowa	340	368	89	8.2	14	5	28.2	10.5
Detroit, Mich. PMSA	4,554	4,488	(x)	−1.5	893	73	29.7	9.5
Detroit-Ann Arbor, Mich. CMSA	4,788	4,753	6	−.7	921	77	29.4	9.3
Dothan, Ala.	110	122	212	11.8	24	2	30.9	9.3
Dubuque, Iowa	91	94	255	3.5	(z)	(z)	32.0	11.1
Duluth, Minn.-Wis.	265	267	119	.5	1	1	27.1	13.6
East St. Louis-Belleville, Ill. PMSA	314	300	(x)	−4.4	74	4	31.4	11.1
Eau Claire, Wis.	115	131	201	13.9	(z)	(z)	28.5	11.7
El Paso, Tex.	359	480	70	33.6	18	297	35.2	6.6
Elkhart-Goshen, Ind.	127	137	192	8.5	6	2	30.9	9.6
Elmira, N.Y.	102	98	252	−3.8	4	1	26.1	12.8
Enid, Okla.	56	63	275	11.5	2	1	27.5	13.1
Erie, Pa.	264	280	111	6.1	12	2	29.0	10.9
Eugene-Springfield, Oreg.	215	275	115	27.8	2	6	26.7	9.6
Evansville, Ind.-Ky.	255	276	114	8.5	16	1	27.7	12.3
Fall River, Mass.-R.I. PMSA	152	157	(x)	3.2	1	3	27.7	14.7
Fargo-Moorhead, N. Dak.-Minn.	120	138	190	14.4	(z)	1	26.0	9.7
Fayetteville, N.C.	212	247	127	16.6	76	9	31.0	4.5
Fayetteville-Springdale, Ark.	77	100	246	29.9	1	1	25.7	10.7
Fitchburg-Leominster, Mass.	94	94	254	.3	1	3	27.1	12.4
Flint, Mich.	446	450	73	1.1	79	8	32.1	8.0
Florence, Ala.	118	135	196	14.7	17	1	28.7	11.0
Florence, S.C.	90	110	233	22.9	41	1	32.3	8.6
Fort Collins-Loveland, Colo.	90	149	180	65.9	1	9	25.6	8.5
Fort Lauderdale-Hollywood-Pompano Beach, Fla. PMSA	620	1,018	(x)	64.2	114	40	21.0	22.0
Fort Myers, Fla.	105	205	140	95.1	16	6	21.9	22.3
Fort Pierce, Fla.	79	151	178	91.7	24	4	23.9	20.1

See footnotes at end of table.

NO. 23. METROPOLITAN STATISTICAL AREAS—POPULATION, 1970 AND 1980, AND SELECTED CHARACTERISTICS, 1980—Continued

[See headnote, p. 20]

METROPOLITAN AREA	1970 (1,000)	1980						
		Total (1,000)	Rank	Percent change, 1970–1980	Black (1,000)	Spanish origin [1] (1,000)	Percent under 18 years old	Percent 65 years old and over
Fort Smith, Ark.-Okla	128	163	169	26.9	6	1	30.0	12.5
Fort Walton Beach, Fla	88	110	234	24.6	9	3	30.2	5.8
Fort Wayne, Ind	335	354	93	5.8	26	5	30.6	9.8
Fort Worth-Arlington, Tex. PMSA	795	973	(x)	22.4	103	72	28.9	8.9
Fresno, Calif	413	515	67	24.5	25	151	29.8	10.1
Gadsden, Ala	94	103	242	9.5	14	1	28.7	12.7
Gainesville, Fla	119	171	160	43.5	33	5	24.0	7.5
Galveston-Texas City, Tex. PMSA	170	196	(x)	15.4	36	24	29.7	9.1
Gary-Hammond, Ind. PMSA	633	643	(x)	1.5	126	47	31.5	8.4
Glens Falls, N.Y	102	110	235	7.4	1	1	30.3	12.8
Grand Forks, N. Dak	61	66	274	8.2	1	1	27.6	7.9
Grand Rapids, Mich	539	602	56	11.6	32	14	30.2	9.8
Great Falls, Mont	82	81	269	−1.4	1	1	29.2	9.9
Greeley, Colo	89	123	210	38.2	1	21	29.5	8.8
Green Bay, Wis	158	175	155	10.8	1	1	31.3	9.6
Greensboro-Winston-Salem-High Point, N.C	743	852	44	14.7	162	6	27.2	10.2
Greenville-Spartanburg, S.C	473	569	59	20.2	98	4	28.0	9.8
Hagerstown, Md	104	113	224	8.9	5	1	26.4	11.9
Hamilton-Middletown, Ohio PMSA	226	259	(x)	14.4	12	1	28.8	8.9
Harrisburg-Lebanon-Carlisle, Pa	510	555	62	8.8	34	6	26.5	11.8
Hartford, Conn. PMSA	711	716	(x)	.7	62	34	26.7	11.4
Hartford-New Britain-Middletown, Conn. CMSA	1,000	1,014	35	1.4	72	44	26.4	11.4
Hickory, N.C	171	203	142	18.8	17	1	28.8	9.7
Honolulu, Hawaii	631	763	47	20.9	17	55	28.1	7.3
Houma-Thibodaux, La	145	177	154	22.0	24	3	34.9	6.7
Houston, Tex. PMSA	1,891	2,736	(x)	44.7	515	402	30.5	6.2
Houston-Galveston-Brazoria, Tex. CMSA	2,169	3,101	9	43.0	565	448	30.5	6.4
Huntington-Ashland, W. Va.-Ky.-Ohio	307	336	97	9.7	7	2	28.8	11.7
Huntsville, Ala	187	197	144	5.6	39	2	29.4	7.2
Indianapolis, Ind	1,111	1,167	30	5.0	157	9	29.6	9.8
Iowa City, Iowa	72	82	268	13.3	1	1	22.0	7.1
Jackson, Mich	143	151	177	5.7	11	2	29.1	9.9
Jackson, Miss	289	362	92	25.4	149	3	31.1	9.4
Jacksonville, Fla	613	722	50	17.9	156	13	29.2	9.7
Jacksonville, N.C	103	113	226	9.4	23	4	26.8	3.7
Janesville-Beloit, Wis	132	139	187	5.6	5	1	30.4	11.0
Jersey City, N.J. PMSA	608	557	(x)	−8.4	70	145	26.0	12.6
Johnson City-Kingsport-Bristol (Tenn.), Tenn.-Va	374	434	75	16.1	9	2	27.3	11.4
Johnstown, Pa	263	265	121	.6	3	1	27.3	13.6
Joliet, Ill. PMSA	274	355	(x)	29.4	32	14	33.0	7.7
Joplin, Mo	113	128	207	13.0	1	1	27.5	14.5
Kalamazoo, Mich	202	212	136	5.4	16	3	26.7	8.9
Kankakee, Ill	97	103	243	5.8	15	1	30.9	10.8
Kansas City, Kans. PMSA	480	519	(x)	8.2	51	14	29.3	9.5
Kansas City, Mo. PMSA	894	914	(x)	2.3	129	20	27.9	11.1
Kansas City, Mo.-Kansas City, Kans. CMSA	1,373	1,433	25	4.4	180	33	28.4	10.5
Kenosha, Wis. PMSA	118	123	(x)	4.4	3	4	29.3	10.8
Killeen-Temple, Tex	160	215	135	34.3	37	22	28.7	7.2
Knoxville, Tenn	477	566	60	18.8	34	3	26.3	11.2
Kokomo, Ind	100	104	240	3.9	4	1	31.0	9.4
La Crosse, Wis	80	91	258	13.2	(z)	(z)	25.8	12.1
Lafayette, La	144	190	149	32.0	44	4	31.9	7.1
Lafayette, Ind	109	122	213	11.3	2	1	23.0	8.2
Lake Charles, La	145	167	165	15.0	36	2	31.5	8.7
Lake County, Ill. PMSA	383	440	(x)	15.1	28	21	30.4	7.2
Lakeland-Winter Haven, Fla	229	322	101	40.8	48	10	27.2	14.3
Lancaster, Pa	320	362	91	13.2	7	9	28.2	11.7
Lansing-East Lansing, Mich	378	420	79	10.9	23	13	28.4	7.6
Laredo, Tex	73	99	249	36.2	(z)	91	39.5	8.4

See footnotes at end of table.

NO. 23. METROPOLITAN STATISTICAL AREAS—POPULATION, 1970 AND 1980, AND SELECTED CHARACTERISTICS, 1980—Continued

[See headnote, p. 20]

METROPOLITAN AREA	1970 (1,000)	1980						
		Total (1,000)	Rank	Percent change, 1970–1980	Black (1,000)	Spanish origin [1] (1,000)	Percent under 18 years old	Percent 65 years old and over
Las Cruces, N. Mex	70	96	253	38.1	2	50	32.3	7.2
Las Vegas, Nev	273	463	72	69.5	46	35	27.8	7.6
Lawrence, Kans	58	67	273	16.8	3	2	20.8	7.5
Lawrence-Haverhill, Mass.-N.H. PMSA	301	339	(x)	12.7	3	13	29.0	12.0
Lawton, Okla	108	112	228	4.0	18	6	30.4	6.5
Lewiston-Auburn, Maine	80	85	264	5.7	(z)	(z)	26.5	13.3
Lexington-Fayette, Ky	267	318	103	19.1	35	2	27.1	9.2
Lima, Ohio	150	155	175	3.4	11	1	30.7	11.3
Lincoln, Nebr	168	193	147	14.8	4	3	24.4	10.1
Little Rock-North Little Rock, Ark	381	474	71	24.5	91	4	29.7	9.9
Longview-Marshall, Tex	121	152	176	25.7	34	3	29.5	12.2
Lorain-Elyria, Ohio PMSA	257	275	(x)	7.0	20	13	31.9	8.5
Los Angeles-Anaheim-Riverside, Calif. CMSA	9,981	11,498	2	15.2	1,059	2,756	27.6	9.9
Los Angeles-Long Beach, Calif. PMSA	7,042	7,478	(x)	6.2	944	2,066	27.2	9.9
Louisville, Ky.-Ind	907	957	38	5.5	121	6	28.8	10.4
Lowell, Mass.-N.H. PMSA	225	243	(x)	7.8	2	5	31.0	9.2
Lubbock, Tex	179	212	137	18.0	16	41	28.8	7.9
Lynchburg, Va	125	141	186	13.1	29	1	26.9	11.5
Macon-Warner Robins, Ga	235	264	122	12.4	89	2	30.5	8.9
Madison, Wis	290	324	100	11.5	6	3	25.0	8.4
Manchester, N.H	115	129	203	12.2	(z)	1	27.0	12.1
Mansfield, Ohio	130	131	200	.9	9	1	29.3	10.2
McAllen-Edinburg-Mission, Tex	182	283	110	56.0	1	230	39.3	9.2
Medford, Oreg	95	132	198	40.1	(z)	4	27.7	12.6
Melbourne-Titusville-Palm Bay, Fla	230	273	116	18.7	24	5	24.9	12.7
Memphis, Tenn.-Ark.-Miss	834	913	40	9.5	364	8	30.5	9.3
Miami-Fort Lauderdale, Fla. CMSA	1,888	2,644	12	40.0	394	621	22.9	18.1
Miami-Hialeah, Fla. PMSA	1,268	1,626	(x)	28.2	280	581	24.0	15.7
Middlesex-Somerset-Hunterdon, N.J. PMSA	852	886	(x)	4.0	47	39	26.4	8.9
Middletown, Conn. PMSA	74	82	(x)	10.6	4	1	25.9	10.7
Midland, Tex	65	83	267	26.3	7	12	30.1	7.4
Milwaukee, Wis. PMSA	1,404	1,397	(x)	−.5	151	34	28.3	11.1
Milwaukee-Racine, Wis. CMSA	1,575	1,570	23	−.3	165	42	28.5	11.0
Minneapolis-St. Paul, Minn.-Wis	1,982	2,137	17	7.8	50	22	28.4	9.6
Mobile, Ala	377	444	74	17.7	127	5	31.3	10.2
Modesto, Calif	195	266	120	36.7	3	40	29.8	11.0
Monmouth-Ocean, N.J. PMSA	670	849	(x)	26.7	52	21	27.7	15.5
Monroe, La	115	139	189	20.7	41	1	32.0	10.0
Montgomery, Ala	226	273	117	20.7	94	3	30.7	10.1
Muncie, Ind	129	129	204	−.5	8	1	26.9	10.0
Muskegon, Mich	157	158	173	.1	19	3	30.7	10.7
Nashua, N.H. PMSA	100	143	(x)	42.5	1	1	31.8	7.5
Nashville, Tenn	699	851	45	21.6	137	6	27.5	10.4
Nassau-Suffolk, N.Y. PMSA	2,556	2,606	(x)	2.0	162	102	28.6	9.8
New Bedford, Mass	159	167	166	5.1	3	5	26.6	14.6
New Britain, Conn. PMSA	145	142	(x)	−2.1	5	7	24.2	12.4
New Haven-Meriden, Conn	489	500	68	2.4	52	18	25.7	12.3
New London-Norwich, Conn.-R.I	243	251	125	3.4	9	5	27.6	10.5
New Orleans, La	1,100	1,256	27	14.2	409	50	30.4	9.1
New York, N.Y. PMSA	9,077	8,275	(x)	−8.8	1,908	1,465	25.2	13.2
New York-Northern New Jersey-Long Island, N.Y.-N.J.-Conn. CMSA	18,193	17,539	1	−3.6	2,825	2,051	26.3	12.2
Newark, N.J. PMSA	1,937	1,879	(x)	−3.0	408	130	27.5	11.1
Niagara Falls, N.Y. PMSA	236	227	(x)	−3.5	11	2	27.9	11.9
Norfolk-Virginia Beach-Newport News, Va	1,059	1,160	31	9.6	326	19	28.5	7.7
Norwalk, Conn. PMSA	128	127	(x)	−.7	11	5	26.7	9.9
Oakland, Calif. PMSA	1,628	1,762	(x)	8.2	264	186	26.0	9.9
Ocala, Fla	69	122	211	77.4	20	2	26.2	17.1
Odessa, Tex	93	115	221	24.5	5	25	31.1	7.0

See footnotes at end of table.

NO. 23. METROPOLITAN STATISTICAL AREAS—POPULATION, 1970 AND 1980, AND SELECTED CHARACTERISTICS, 1980—Continued

[See headnote, p. 20]

METROPOLITAN AREA	1970 (1,000)	1980						
		Total (1,000)	Rank	Percent change, 1970–1980	Black (1,000)	Spanish origin[1] (1,000)	Percent under 18 years old	Percent 65 years old and over
Oklahoma City, Okla	719	861	43	19.8	79	19	28.2	10.0
Olympia, Wash	77	124	209	61.6	1	3	29.6	9.8
Omaha, Nebr.-Iowa	556	585	57	5.2	44	12	30.3	9.6
Orange County, N.Y. PMSA	222	260	(x)	17.1	16	11	30.5	10.9
Orlando, Fla	453	700	51	54.4	91	26	27.3	10.9
Owensboro, Ky	79	86	262	8.1	3	(z)	30.2	10.9
Oxnard-Ventura, Calif. PMSA	378	529	(x)	39.8	11	113	31.2	8.3
Panama City, Fla	75	98	251	29.8	12	2	29.1	9.5
Parkersburg-Marietta, W. Va.-Ohio	144	158	172	9.7	2	1	29.0	11.7
Pascagoula, Miss	88	118	218	34.1	22	1	34.6	6.3
Pawtucket-Woonsocket-Attleboro, R.I.-Mass. PMSA	301	307	(x)	2.2	2	6	27.3	13.3
Pensacola, Fla	243	290	109	19.2	48	5	29.3	8.6
Peoria, Ill	342	366	90	7.0	22	3	29.3	10.9
Philadelphia, Pa.-N.J. PMSA	4,824	4,717	(x)	−2.2	884	116	27.1	11.7
Philadelphia-Wilmington-Trenton, Pa.-N.J.-Del.-Md. CMSA	5,749	5,681	4	−1.2	1,033	148	27.2	11.5
Phoenix, Ariz	971	1,509	24	55.4	48	199	28.1	11.6
Pine Bluff, Ark	85	91	259	6.3	37	1	31.2	12.2
Pittsburgh, Pa. PMSA	2,348	2,219	(x)	−5.5	170	11	24.8	13.5
Pittsburgh-Beaver Valley, Pa. CMSA	2,556	2,423	13	−5.2	182	12	24.9	13.4
Pittsfield, Mass	88	83	266	−5.2	1	(z)	27.0	13.6
Portland, Maine	172	194	145	12.8	1	1	26.8	12.7
Portland, Oreg. PMSA	919	1,106	(x)	20.3	32	23	26.5	11.3
Portland-Vancouver, Ore.-Wash. CMSA	1,047	1,298	26	23.9	34	26	27.3	11.0
Portsmouth-Dover-Rochester, N.H.-Maine	161	191	148	18.4	2	1	26.4	11.2
Poughkeepsie, N.Y	222	245	129	10.2	17	6	27.9	11.1
Providence, R.I. PMSA	612	619	(x)	1.0	22	13	25.0	13.3
Providence-Pawtucket-Fall River, R.I.-Mass. CMSA	1,065	1,083	33	1.7	25	22	26.1	13.4
Provo-Orem, Utah	138	218	134	58.3	(z)	5	37.5	6.1
Pueblo, Colo	118	126	208	6.5	2	42	29.3	11.6
Racine, Wis. PMSA	171	173	(x)	1.3	14	7	30.8	10.2
Raleigh-Durham, N.C	446	561	61	25.8	147	5	25.3	8.5
Reading, Pa	296	313	104	5.4	8	9	25.3	14.1
Redding, Calif	78	116	220	49.0	1	3	28.7	11.1
Reno, Nev	121	194	146	59.9	4	9	23.9	8.5
Richland-Kennewick-Pasco, Wash	93	144	183	54.8	2	10	31.8	6.8
Richmond-Petersburg, Va	676	761	48	12.6	221	7	26.9	9.9
Riverside-San Bernardino, Calif. PMSA	1,139	1,558	(x)	36.8	79	290	29.2	12.1
Roanoke, Va	200	220	133	10.4	26	1	25.6	12.8
Rochester, Minn	84	92	257	9.4	(z)	1	29.5	9.3
Rochester, N.Y.	962	971	37	1.0	78	19	27.9	11.0
Rockford, Ill	272	280	112	2.7	21	7	29.9	10.2
Sacramento, Calif	848	1,100	32	29.8	62	106	26.6	9.6
Saginaw-Bay City-Midland, Mich	401	422	78	5.2	37	10	31.9	9.1
St. Cloud, Minn	135	163	167	21.3	(z)	1	31.9	9.7
St. Joseph, Mo	87	88	261	1.1	3	2	27.1	15.3
St. Louis, Mo.-Ill. PMSA	1,846	1,809	(x)	−2.0	320	16	28.3	11.8
St. Louis-East St. Louis-Alton, Mo.-Ill. CMSA	2,429	2,377	14	−2.2	408	22	28.7	11.7
Salem, Oreg	187	250	126	33.9	1	11	28.3	12.6
Salem-Gloucester, Mass. PMSA	263	258	(x)	−1.7	1	2	24.9	13.0
Salinas-Seaside-Monterey, Calif	247	290	108	17.4	19	75	28.3	9.2
Salt Lake City-Ogden, Utah	684	910	41	33.1	9	45	36.3	7.3
San Angelo, Tex	71	85	263	19.3	3	18	27.3	12.1
San Antonio, Tex	888	1,072	34	20.7	73	482	31.8	9.0
San Diego, Calif	1,358	1,862	19	37.1	104	275	25.6	10.3
San Francisco, Calif. PMSA	1,482	1,489	(x)	.5	127	166	20.5	12.6
San Francisco-Oakland-San Jose, Calif. CMSA	4,754	5,368	5	12.9	468	660	25.0	10.4
San Jose, Calif. PMSA	1,065	1,295	(x)	21.6	44	227	27.7	7.5
Santa Barbara-Santa Maria-Lompoc, Calif	264	299	106	13.0	8	55	24.3	11.3
Santa Cruz, Calif. PMSA	124	188	(x)	52.0	1	28	24.0	13.2

See footnotes at end of table.

NO. 23. METROPOLITAN STATISTICAL AREAS—POPULATION, 1970 AND 1980, AND SELECTED CHARACTERISTICS, 1980—Continued

[See headnote, p. 20]

METROPOLITAN AREA	1970 (1,000)	1980						
		Total (1,000)	Rank	Percent change, 1970–1980	Black (1,000)	Spanish origin [1] (1,000)	Percent under 18 years old	Percent 65 years old and over
Santa Rosa-Petaluma, Calif. PMSA	205	300	(x)	46.3	3	21	26.2	13.5
Sarasota, Fla	120	202	143	68.0	10	3	17.5	30.0
Savannah, Ga	201	221	132	9.5	81	2	30.1	10.3
Scranton-Wilkes-Barre, Pa	696	729	49	4.7	5	3	24.8	15.6
Seattle, Wash. PMSA	1,425	1,607	(x)	12.8	58	32	25.6	9.9
Seattle-Tacoma, Wash. CMSA	1,837	2,093	18	13.9	88	45	26.2	9.8
Sharon, Pa	127	128	206	.8	5	(Z)	26.7	13.0
Sheboygan, Wis	97	101	245	4.4	(Z)	1	29.1	13.3
Sherman-Denison, Tex	83	90	260	7.9	6	1	26.4	15.6
Shreveport, La	296	333	98	12.5	110	5	30.8	10.4
Sioux City, Iowa-Nebr	116	117	219	1.1	1	2	29.5	12.9
Sioux Falls, S. Dak	95	109	236	14.9	(Z)	(Z)	28.7	10.6
South Bend-Mishawaka, Ind	245	242	130	−1.3	22	4	27.3	12.1
Spokane, Wash	287	342	96	18.9	4	5	28.0	11.5
Springfield, Ill	171	188	151	9.8	11	1	27.6	12.6
Springfield, Mo	168	208	139	23.6	3	1	26.1	11.9
Springfield, Mass	528	515	66	−2.4	28	24	26.5	12.8
Stamford, Conn. PMSA	206	199	(x)	−3.6	17	7	24.9	12.4
State College, Pa	99	113	227	13.6	1	1	21.6	7.6
Steubenville-Weirton, Ohio-W. Va	166	163	168	−2.0	6	1	27.3	12.2
Stockton, Calif	291	347	94	19.3	19	67	29.1	11.3
Syracuse, N.Y	637	643	53	1.0	31	6	28.4	10.7
Tacoma, Wash. PMSA	412	486	(x)	17.8	30	13	28.3	9.4
Tallahassee, Fla	142	190	150	33.7	62	3	27.1	7.8
Tampa-St. Petersburg-Clearwater, Fla	1,106	1,614	22	46.0	148	80	22.3	21.5
Terre Haute, Ind	138	137	193	−.9	6	1	25.6	13.5
Texarkana, Tex.-Texarkana, Ark	102	113	225	10.5	26	1	30.1	13.3
Toledo, Ohio	606	617	55	1.7	65	17	28.6	11.0
Topeka, Kans	155	155	174	−.3	12	6	27.4	12.0
Trenton, N.J. PMSA	304	308	(x)	1.2	56	11	25.5	11.4
Tucson, Ariz	352	531	64	51.1	15	111	26.8	11.7
Tulsa, Okla	526	657	52	25.0	51	10	28.7	10.1
Tuscaloosa, Ala	116	138	191	18.5	37	1	27.1	9.7
Tyler, Tex	97	128	205	32.2	28	4	29.0	12.5
Utica-Rome, N.Y	340	320	102	−6.0	8	3	28.0	13.5
Vallejo-Fairfield-Napa, Calif. PMSA	251	334	(x)	33.2	29	33	28.6	9.9
Vancouver, Wash. PMSA	128	192	(x)	49.6	2	3	31.5	9.0
Victoria, Tex	54	69	272	28.0	5	21	32.4	8.5
Vineland-Millville-Bridgeton, N.J. PMSA	121	133	(x)	9.5	20	13	30.4	11.7
Visalia-Tulare-Porterville, Calif	188	246	128	30.5	4	73	32.6	10.7
Waco, Tex	148	171	162	15.7	27	15	26.7	13.2
Washington, D.C.-Md.-Va	3,040	3,251	8	6.9	871	95	27.2	7.6
Waterbury, Conn	196	205	141	4.5	13	8	26.6	14.3
Waterloo-Cedar Falls, Iowa	156	163	170	4.6	9	1	28.4	10.6
Wausau, Wis	97	111	231	14.2	(Z)	(Z)	31.1	10.8
West Palm Beach-Boca Raton-Delray Beach, Fla	349	577	58	65.3	78	29	21.3	23.3
Wheeling, W. Va.-Ohio	182	186	152	2.0	4	1	26.4	14.0
Wichita, Kans	389	411	81	5.6	32	12	28.1	9.9
Wichita Falls, Tex	121	121	214	.4	11	8	26.9	11.3
Williamsport, Pa	113	118	217	4.5	2	(Z)	27.7	12.8
Wilmington, Del.-N.J.-Md. PMSA	499	523	(x)	4.8	73	9	28.2	9.7
Wilmington, N.C	83	103	241	24.7	22	1	27.8	10.1
Worcester, Mass	400	403	85	.8	6	9	26.7	13.3
Yakima, Wash	145	173	159	18.8	2	25	30.8	12.1
York, Pa	330	381	87	15.7	10	3	27.8	11.5
Youngstown-Warren, Ohio	537	531	65	−1.1	56	7	27.8	11.4
Yuba City, Calif	87	102	244	17.7	3	10	30.1	9.8

X Not applicable. Z Less than 500. [1] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, unpublished data.

NO. 24. LAND AREA, POPULATION, AND DENSITY OF URBAN AND RURAL TERRITORY, BY METROPOLITAN AND NONMETROPOLITAN STATUS: 1970 AND 1980

[Areas as defined for the 1970 and 1980 censuses, respectively. Population as of April 1. Changes in land area between the censuses reflect (a) changes in the extent of urban territory and of standard metropolitan statistical areas (SMSA's) and (b) alterations resulting from remeasurement of land areas, including changes in the extent of inland water area]

RESIDENCE	1970 (243 SMSA's)					1980 (318 SMSA's)				
	Land area		Population			Land area		Population		
	Total (sq. mi.)	Percent of U.S.	Total (1,000)	Percent of U.S.	Per sq. mi.	Total (sq. mi.)	Percent of U.S.	Total (1,000)	Percent of U.S.	Per sq. mi.
Total	[1] 3,540,023	100.0	203,212	100.0	57	3,539,289	100.0	226,546	100.0	64
Urban	54,103	1.5	149,325	73.5	2,760	73,930	2.1	167,051	73.7	2,260
In urbanized areas	35,081	1.0	118,447	58.3	3,376	52,017	1.5	139,171	61.4	2,675
Central cities	14,324	.4	63,922	31.5	4,463	18,876	.5	67,035	29.6	3,551
Urban fringe	20,757	.6	54,525	26.8	2,627	33,141	1.0	72,135	31.8	2,177
Other urban	19,022	.5	30,878	15.2	1,623	21,913	.6	27,880	12.3	1,272
Rural	[1] 3,485,920	98.5	53,887	26.5	15	3,465,360	97.9	59,495	26.3	17
Inside SMSA's	[1] 387,594	10.9	139,419	68.6	360	566,148	16.0	168,431	74.8	299
Urban	(NA)	(NA)	123,007	60.5	(NA)	(NA)	(NA)	145,443	64.2	(NA)
Rural	(NA)	(NA)	16,412	8.1	(NA)	(NA)	(NA)	23,988	10.6	(NA)
Outside SMSA's	[1] 3,152,429	89.1	63,793	31.4	20	2,973,141	84.0	57,115	25.2	19
Urban	(NA)	(NA)	26,318	13.0	(NA)	(NA)	(NA)	21,608	9.5	(NA)
Rural	(NA)	(NA)	37,475	18.4	(NA)	(NA)	(NA)	35,507	15.7	(NA)

NA Not available. [1] Revised since publication of 1970 census reports.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. 1, parts A and B; *1980 Census of Population*, vol. 1, chapters A and B, and unpublished data.

NO. 25. URBAN AND RURAL POPULATION—STATES AND PUERTO RICO: 1980

[**In thousands, except percent.** As of April 1. For composition of regions, see fig. I, inside front cover. Excludes Armed Forces overseas]

REGION, DIVISION, AND STATE	Total	URBAN		Rural
		Number	Percent	
U.S	**226,546**	**167,051**	**73.7**	**59,495**
Regions:				
Northeast	49,135	38,906	79.2	10,230
North Central	58,866	41,520	70.5	17,346
South	75,372	50,414	66.9	24,958
West	43,172	36,211	83.9	6,961
New England	**12,348**	**9,269**	**75.1**	**3,079**
Maine	1,125	534	47.5	591
New Hampshire	921	480	52.2	440
Vermont	511	173	33.8	339
Massachusetts	5,737	4,808	83.8	929
Rhode Island	947	824	87.0	123
Connecticut	3,108	2,450	78.8	658
Middle Atlantic	**36,787**	**29,636**	**80.6**	**7,150**
New York	17,558	14,858	84.6	2,700
New Jersey	7,365	6,557	89.0	807
Pennsylvania	11,864	8,221	69.3	3,643
East North Central	**41,682**	**30,534**	**73.3**	**11,148**
Ohio	10,798	7,918	73.3	2,879
Indiana	5,490	3,525	64.2	1,965
Illinois	11,427	9,518	83.3	1,908
Michigan	9,262	6,552	70.7	2,711
Wisconsin	4,706	3,021	64.2	1,685
West North Central	**17,183**	**10,986**	**63.9**	**6,198**
Minnesota	4,076	2,725	66.9	1,351
Iowa	2,914	1,708	58.6	1,206
Missouri	4,917	3,350	68.1	1,567
North Dakota	653	318	48.8	334
South Dakota	691	321	46.4	370
Nebraska	1,570	988	62.9	582
Kansas	2,364	1,576	66.7	788
South Atlantic	**36,959**	**24,813**	**67.1**	**12,146**
Delaware	594	420	70.6	175
Maryland	4,217	3,387	80.3	830
District of Columbia	638	638	100.0	-
Virginia	5,347	3,529	66.0	1,817
West Virginia	1,950	705	36.2	1,244
North Carolina	5,882	2,823	48.0	3,059
South Carolina	3,122	1,689	54.1	1,433
Georgia	5,463	3,409	62.4	2,054
Florida	9,746	8,212	84.3	1,534
East South Central	**14,666**	**8,166**	**55.7**	**6,500**
Kentucky	3,661	1,862	50.9	1,799
Tennessee	4,591	2,774	60.4	1,818
Alabama	3,894	2,338	60.0	1,556
Mississippi	2,521	1,193	47.3	1,328
West South Central	**23,747**	**17,435**	**73.4**	**6,312**
Arkansas	2,236	1,180	51.6	1,107
Louisiana	4,206	2,887	68.6	1,319
Oklahoma	3,025	2,035	67.3	990
Texas	14,229	11,333	79.6	2,896
Mountain	**11,373**	**8,685**	**76.4**	**2,687**
Montana	787	416	52.9	370
Idaho	944	510	54.0	434
Wyoming	470	295	62.7	175
Colorado	2,890	2,330	80.6	560
New Mexico	1,303	940	72.1	363
Arizona	2,718	2,279	83.8	439
Utah	1,461	1,233	84.4	228
Nevada	800	683	85.3	118
Pacific	**31,800**	**27,526**	**86.6**	**4,274**
Washington	4,132	3,037	73.5	1,095
Oregon	2,633	1,788	67.9	845
California	23,668	21,608	91.3	2,060
Alaska	402	259	64.3	143
Hawaii	965	835	86.5	130
Puerto Rico	**3,197**	**2,134**	**66.8**	**1,062**

- Represents zero.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1.

No. 26. Urban and Rural Population, by Size of Place: 1960 to 1980

[See text, p. 3, and *Historical Statistics, Colonial Times to 1970*, series A 43-72]

CLASS AND SIZE	PLACES			POPULATION (1,000)			PERCENT OF TOTAL POPULATION		
	1960	1970	1980	1960	1970	1980	1960	1970	1980
United States	(x)	(x)	(x)	**179,323**	**[1] 203,212**	**226,546**	**100.0**	**100.0**	**100.0**
Urban	6,041	7,062	8,765	125,269	149,325	167,051	69.9	73.5	73.7
Places of 1,000,000 or more	5	6	6	17,484	18,769	17,530	9.8	9.2	7.7
Places of 500,000-1,000,000	16	20	16	11,111	12,967	10,834	6.2	6.4	4.8
Places of 250,000-500,000	30	30	34	10,766	10,442	12,158	6.0	5.1	5.4
Places of 100,000-250,000	81	100	117	11,652	14,286	17,015	6.5	7.0	7.5
Places of 50,000-100,000	201	240	290	13,836	16,724	19,786	7.7	8.2	8.7
Places of 25,000-50,000	432	520	675	14,951	17,848	23,436	8.3	8.8	10.3
Places of 10,000-25,000	1,134	1,385	1,765	17,568	21,415	27,645	9.8	10.5	12.2
Places of 5,000-10,000	1,394	1,839	2,181	9,780	12,924	15,356	5.5	6.4	6.8
Places of 2,500-5,000	2,152	2,295	2,665	7,580	8,038	9,368	4.2	4.0	4.1
Places under 2,500	596	627	1,016	690	727	1,260	.4	.4	.6
Other urban	(x)	(x)	(x)	9,851	15,186	12,663	5.5	7.5	5.6
Rural	13,749	13,706	13,764	54,054	53,887	59,495	30.1	26.5	26.3
Places of 1,000-2,500	4,151	4,191	4,434	6,497	6,656	7,038	3.6	3.3	3.1
Places under 1,000	9,598	9,515	9,330	3,894	3,852	3,863	2.2	1.9	1.7
Other rural	(x)	(x)	(x)	43,664	43,379	48,594	24.3	21.3	21.4

X Not applicable. [1] See text, p. 1.

Source: U.S. Bureau of the Census, *Census of Population: 1960, 1970,* and *1980*, vol. I.

No. 27. Urban and Rural Population, by Race: 1970 and 1980

[In thousands, except percent. For data shown in this table, an urbanized area comprises at least one city (central city) plus contiguous, closely settled areas (urban fringe) with a combined population of 50,000 or more. For urban and rural definitions, see text, p. 3. See also *Historical Statistics, Colonial Times to 1970*, series A 73-90]

YEAR AND AREA	Total	White	BLACK AND OTHER RACES		PERCENT DISTRIBUTION			
			Total	Black	Total	White	Black and other	
							Total	Black
1970, total population	**[1] 203,212**	**177,749**	**25,463**	**22,580**	**100.0**	**100.0**	**100.0**	**100.0**
Urban	149,325	128,773	20,552	18,367	73.5	72.4	80.7	81.3
Inside urbanized areas	118,447	100,952	17,495	15,693	58.3	56.8	68.7	69.5
Central cities	63,922	49,547	14,375	13,145	31.5	27.9	56.5	58.2
Urban fringe	54,525	51,405	3,120	2,548	26.8	28.9	12.3	11.3
Outside urbanized areas	30,878	27,822	3,057	2,675	15.2	15.7	12.0	11.8
Rural	53,887	48,976	4,911	4,213	26.5	27.6	19.3	18.7
1980, total population	**226,546**	**188,372**	**38,174**	**26,495**	**100.0**	**100.0**	**100.0**	**100.0**
Urban	167,051	134,322	32,729	22,594	73.7	71.3	85.7	85.3
Inside urbanized areas	139,171	110,149	29,022	20,106	61.4	58.5	76.0	75.9
Central cities	67,035	46,409	20,627	15,144	29.6	24.6	54.0	57.2
Urban fringe	72,135	63,740	8,395	4,962	31.8	33.8	22.0	18.7
Outside urbanized areas	27,880	24,173	3,707	2,488	12.3	12.8	9.7	9.4
Rural	59,495	54,050	5,445	3,901	26.3	28.7	14.3	14.7

[1] See text, p. 1.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I and *1980 Census of Population*, vol. I, chapter B, (PC80-1-B).

No. 28. Cities, by Population Size: 1960 to 1980

[Covers incorporated places of 10,000 population or more]

POPULATION SIZE	NUMBER OF CITIES			POPULATION (mil.)			PERCENT OF TOTAL			CUMULATIVE PERCENT		
	1960	1970	1980	1960	1970	1980	1960	1970	1980	1960	1970	1980
Total	**1,654**	**2,031**	**2,205**	**91.0**	**107.7**	**112.2**	**100.0**	**100.0**	**100.0**	(x)	(x)	(x)
1,000,000 or more	5	6	6	17.5	18.9	17.5	19.2	17.5	15.6	19.2	17.5	15.6
500,000-1,000,000	16	20	16	11.1	13.1	10.9	12.2	12.2	9.7	31.4	29.7	25.3
250,000-500,000	30	31	33	10.8	10.7	11.8	11.8	9.9	10.5	43.2	39.6	35.8
100,000-250,000	79	99	114	11.4	14.1	16.6	12.5	13.1	14.8	55.7	52.7	50.6
50,000-100,000	180	234	250	12.5	16.3	17.2	13.7	15.0	15.4	69.5	67.9	66.0
25,000-50,000	366	474	526	12.7	16.4	18.4	14.0	15.2	16.4	83.5	83.1	82.4
10,000-25,000	978	1,167	1,260	15.1	18.2	19.8	16.5	16.9	17.6	100.0	100.0	100.0

X Not applicable.

Source: U.S. Bureau of the Census, *Census of Population: 1970* and *1980*, vol. I, and unpublished data.

No. 29. Cities With 100,000 Inhabitants or More in 1980—Population, 1970 and 1980, and Land Area and Households, 1980

[As of April 1. Data refer to municipal limits as of January. Minus sign (−) indicates decrease]

City	Population 1970 Total [1] (1,000)	Population 1970 Percent Black [2]	Population 1980 Total (1,000)	Population 1980 Rank	Population 1980 Percent change, 1970–1980	Population 1980 Percent— Black	Population 1980 Percent— Spanish origin [3]	Population 1980 Percent— Under 18 years old	Population 1980 Percent— 65 years old and over	Population 1980 Per square mile	Land area, 1980 (sq. mi.)	Households, 1980 (1,000)
Akron, Ohio	275	17.5	237	59	−13.9	22.2	.6	26.4	13.5	4,125	57.5	91
Albany, N.Y.	116	12.2	102	164	−12.1	16.1	1.6	20.5	16.5	4,710	21.6	41
Albuquerque, N. Mex	245	2.2	332	44	35.7	2.5	33.8	27.8	8.4	3,481	95.3	124
Alexandria, Va	111	14.1	103	160	−7.0	22.3	3.9	18.3	9.2	6,881	15.0	49
Allentown, Pa	110	1.8	104	155	−5.6	3.1	5.1	22.4	16.1	5,929	17.5	41
Amarillo, Tex	127	5.3	149	107	17.5	5.5	9.2	29.0	10.1	1,863	80.1	56
Anaheim, Calif	166	(z)	219	63	31.8	1.2	17.2	26.5	7.7	5,259	41.7	80
Anchorage, Alaska [4]	48	5.9	174	78	262.8	5.3	3.0	31.5	2.0	101	1,732.0	60
Ann Arbor, Mich	100	6.7	108	146	7.9	9.3	2.1	19.1	5.9	4,389	24.6	39
Arlington, Tex	90	.6	160	94	77.5	2.9	4.1	28.5	4.5	2,024	79.1	59
Atlanta, Ga	495	51.3	425	29	−14.1	66.6	1.4	26.8	11.5	3,244	131.0	163
Aurora, Colo	75	1.2	159	96	111.5	6.9	5.0	29.5	4.3	2,652	59.8	59
Austin, Tex	254	11.8	345	42	36.3	12.2	18.7	24.5	7.5	2,978	116.0	134
Bakersfield, Calif	70	13.3	106	152	51.9	10.6	15.0	29.1	9.2	1,435	73.6	40
Baltimore, Md	905	46.4	787	10	−13.1	54.8	1.0	26.9	12.8	9,798	80.3	281
Baton Rouge, La	166	27.8	219	62	32.2	36.5	1.8	27.3	8.7	3,562	61.6	79
Beaumont, Tex	118	30.7	118	132	.5	36.6	3.5	28.3	11.4	1,620	72.9	43
Berkeley, Calif	114	23.5	103	156	−9.4	20.1	5.1	15.4	10.8	9,480	10.9	45
Birmingham, Ala	301	42.0	284	50	−5.5	55.6	.8	26.6	13.9	2,887	98.5	107
Boise City, Idaho	75	.4	102	162	36.6	.5	2.3	26.8	10.2	2,607	39.3	40
Boston, Mass	641	16.3	563	20	−12.2	22.4	6.4	21.6	12.7	11,928	47.2	218
Bridgeport, Conn	157	16.3	143	110	−8.9	21.0	18.7	27.9	13.4	9,697	14.7	52
Buffalo, N.Y	463	20.4	358	39	−22.7	26.6	2.7	25.2	15.0	8,561	41.8	141
Cedar Rapids, Iowa	111	1.6	110	141	−.4	2.3	.9	27.6	11.0	2,045	53.9	42
Charlotte, N.C	241	30.3	314	47	30.2	31.0	1.1	27.8	8.6	2,251	139.7	118
Chattanooga, Tenn	120	35.8	170	87	41.4	31.7	.8	26.7	12.7	1,370	123.8	62
Chesapeake, Va	90	23.1	114	137	27.8	27.6	.9	31.9	7.1	337	340.0	36
Chicago, Ill	3,369	32.7	3,005	2	−10.8	39.8	14.0	28.4	11.4	13,174	228.1	1,093
Cincinnati, Ohio	454	27.6	385	32	−15.0	33.8	.8	25.2	14.5	4,935	78.1	158
Cleveland, Ohio	751	38.3	574	18	−23.6	43.8	3.1	27.8	13.0	7,264	79.0	218
Colorado Springs, Colo	136	5.2	215	66	58.8	5.6	8.5	28.3	8.3	2,081	103.4	81
Columbia, S.C	114	29.9	101	167	−10.9	40.2	2.2	20.3	10.4	945	107.1	30
Columbus, Ga. [5]	155	26.2	169	88	9.3	34.2	2.1	29.5	8.9	779	217.5	59
Columbus, Ohio	540	18.5	565	19	4.6	22.1	.8	25.8	8.9	3,123	180.9	217
Concord, Calif	85	.3	103	159	21.2	1.7	7.2	27.8	7.3	3,524	29.3	38
Corpus Christi, Tex	205	5.1	232	60	13.4	5.1	46.6	32.4	8.2	2,231	104.0	77
Dallas, Tex	844	24.9	904	7	7.1	29.4	12.3	27.0	9.5	2,715	333.0	355
Davenport, Iowa	98	4.2	103	158	4.9	6.1	2.8	29.1	10.5	1,736	59.5	38
Dayton, Ohio	243	30.5	203	70	−16.2	36.9	.9	27.4	11.8	4,202	48.4	78
Denver, Colo	515	9.1	492	24	−4.3	12.0	18.8	22.5	12.6	4,452	110.6	212
Des Moines, Iowa	201	5.7	191	74	−5.2	6.8	1.8	25.9	12.5	2,890	66.1	75
Detroit, Mich	1,514	43.7	1,203	6	−20.5	63.1	2.4	30.3	11.7	8,874	135.6	433
Durham, N.C	95	38.8	101	168	5.7	47.1	.9	23.2	12.1	2,484	40.6	38
Elizabeth, N.J	113	15.5	106	150	−5.7	18.2	26.7	25.7	13.2	9,077	11.7	39
El Paso, Tex	322	2.3	425	28	32.0	3.2	62.5	35.0	6.9	1,778	239.2	128
Erie, Pa	129	6.6	119	130	−7.8	9.7	1.1	27.3	13.4	5,490	21.7	44
Eugene, Oreg	79	.8	106	151	33.7	1.1	2.1	22.4	9.5	3,250	32.5	42
Evansville, Ind	139	7.3	130	121	−6.0	8.8	.5	24.6	15.2	3,499	37.3	51
Flint, Mich	193	28.1	160	95	−17.4	41.4	2.5	31.9	10.0	4,926	32.4	58
Fort Lauderdale, Fla	140	14.6	153	101	9.8	21.0	4.2	19.3	19.1	5,249	29.2	68
Fort Wayne, Ind	178	10.6	172	80	−3.4	14.6	2.2	28.0	11.9	3,274	52.6	66
Fort Worth, Tex	393	19.9	385	33	−2.1	22.8	12.6	27.1	11.8	1,604	240.2	144
Fremont, Calif	101	(z)	132	119	30.8	2.5	14.0	30.1	5.2	1,683	78.4	44
Fresno, Calif	166	9.6	218	65	31.7	9.5	23.6	27.9	10.9	3,326	65.6	82
Fullerton, Calif	86	.8	102	163	18.7	1.6	13.5	24.2	8.0	4,617	22.1	38
Garden Grove, Calif	121	(z)	123	127	1.8	.8	13.5	28.3	7.4	7,046	17.5	42
Garland, Tex	81	3.7	139	115	70.5	5.3	6.3	33.7	4.1	2,493	55.7	46
Gary, Ind	175	52.8	152	104	−13.4	70.8	7.1	34.9	8.2	3,857	39.4	49
Glendale, Calif	133	(z)	139	114	4.8	.3	17.8	20.8	16.3	4,544	30.6	59
Grand Rapids, Mich	198	11.3	182	75	−8.0	15.7	3.2	27.4	13.4	4,190	43.4	66
Greensboro, N.C	144	28.2	156	100	8.0	33.0	.8	25.3	9.8	2,581	60.3	57
Hampton, Va	121	25.4	123	128	1.5	34.3	1.4	29.1	7.0	2,390	51.3	42

See footnotes at end of table.

No. 29. Cities With 100,000 Inhabitants or More in 1980—Population, 1970 and 1980, and Land Area and Households, 1980—Continued

[See headnote, p. 28]

City	Population 1970 Total [1] (1,000)	Population 1970 Percent Black [2]	Population 1980 Total (1,000)	Population 1980 Rank	Population 1980 Percent change, 1970–1980	Population 1980 Percent— Black	Spanish origin [3]	Under 18 years old	65 years old and over	Per square mile	Land area, 1980 (sq. mi.)	Households, 1980 (1,000)
Hartford, Conn	158	27.9	136	117	−13.7	33.9	20.5	29.0	11.4	7,662	17.8	51
Hialeah, Fla	102	1.1	145	108	41.8	1.5	74.3	24.2	11.4	7,487	19.4	48
Hollywood, Fla	107	3.7	121	129	13.5	4.1	5.3	19.8	25.1	4,795	25.3	51
Honolulu, Hawaii [6]	325	.7	365	36	12.4	1.2	5.2	23.1	10.4	4,196	87.0	127
Houston, Tex	1,234	25.7	1,595	5	29.3	27.6	17.6	28.4	6.9	2,867	556.4	603
Huntington Beach, Calif	116	(z)	171	85	47.0	.7	7.9	27.9	5.9	6,269	27.2	61
Huntsville, Ala	139	12.1	143	111	2.3	20.7	1.0	28.9	7.0	1,256	113.5	50
Independence, Mo	112	.6	112	140	.2	.7	1.4	27.2	10.9	1,387	80.6	42
Indianapolis, Ind	737	18.0	701	12	−4.9	21.8	.9	28.6	10.3	1,991	352.0	260
Irving, Tex	97	1.0	110	142	13.0	1.5	7.4	29.1	4.7	1,634	67.3	40
Jackson, Miss	154 [4]	39.7	203	71	31.8	47.0	.7	29.6	9.7	1,910	106.2	71
Jacksonville, Fla	504	22.3	541	22	7.3	25.4	1.8	28.8	9.6	712	759.7	197
Jersey City, N.J	260	21.0	224	61	−14.1	27.7	18.6	29.4	11.8	16,934	13.2	81
Kansas City, Kans	168	20.4	161	93	−4.2	25.3	4.9	29.6	11.7	1,500	107.4	60
Kansas City, Mo	507	22.1	448	27	−11.7	27.4	3.3	26.5	12.3	1,417	316.3	175
Knoxville, Tenn	175	12.7	175	77	.3	14.6	.7	21.9	13.8	2,270	77.1	69
Lakewood, Colo	93	.1	113	138	21.7	.5	5.9	27.6	7.2	3,170	35.6	41
Lansing, Mich	131	9.3	130	122	−.8	13.9	6.3	29.2	8.7	3,694	35.3	50
Las Vegas, Nev	126	11.2	165	89	30.9	12.8	7.8	27.9	8.3	2,994	55.0	62
Lexington-Fayette, Ky. [7]	108	17.0	204	68	88.8	13.3	.7	25.3	8.6	717	284.7	75
Lincoln, Nebr	150	1.5	172	81	15.0	2.0	1.6	23.5	10.3	2,866	60.0	65
Little Rock, Ark	132	25.0	158	98	19.6	32.2	.8	28.0	11.0	1,996	79.4	61
Livonia, Mich	110	(z)	105	153	−4.8	.1	.9	28.4	7.8	3,012	34.8	33
Long Beach, Calif	359	5.3	361	37	.7	11.3	14.0	22.9	14.0	7,256	49.8	152
Los Angeles, Calif	2,812	17.9	2,967	3	5.5	17.0	27.5	25.1	10.6	6,384	464.7	1,135
Louisville, Ky	362	23.8	298	49	−17.5	28.2	.7	25.0	15.3	4,974	60.0	117
Lubbock, Tex	149	7.3	174	79	16.7	8.2	18.8	27.7	7.8	1,920	90.6	61
Macon, Ga	122	37.3	117	134	−4.5	44.5	.7	28.7	11.9	2,357	49.6	42
Madison, Wis	172	1.5	171	84	−.7	2.7	1.3	20.5	8.7	3,165	53.9	66
Memphis, Tenn	624	38.9	646	14	3.6	47.6	.8	29.1	10.4	2,447	264.1	230
Mesa, Ariz	63	1.2	152	102	141.8	1.2	9.1	30.1	11.2	2,255	67.6	54
Miami, Fla	335	22.7	347	41	3.6	25.1	55.9	21.4	17.0	10,113	34.3	134
Milwaukee, Wis	717	14.7	636	16	−11.3	23.1	4.1	27.0	12.5	6,641	95.8	242
Minneapolis, Minn	434	4.4	371	34	−14.6	7.7	1.3	20.0	15.4	6,732	55.1	162
Mobile, Ala	190	35.4	200	72	5.5	36.2	1.1	29.0	11.1	1,630	123.0	71
Modesto, Calif	62	1.9	107	149	72.7	2.1	10.5	29.5	9.7	4,281	24.9	39
Montgomery, Ala	133	33.4	178	76	33.3	39.2	.9	30.2	10.1	1,386	128.3	63
Nashville-Davidson, Tenn	426	19.6	456	25	7.0	23.3	.8	25.0	11.0	950	479.5	170
New Haven, Conn	138	26.3	126	125	−8.4	31.9	8.0	25.3	13.1	6,672	18.9	47
New Orleans, La	593	45.0	558	21	−6.1	55.3	3.4	28.8	11.7	2,796	199.4	206
New York, N.Y	7,896	21.1	7,072	1	−10.4	25.2	19.9	25.0	13.5	23,455	301.5	2,789
Bronx Borough	1,472	24.3	1,169	(x)	−20.6	31.8	33.9	29.2	12.9	28,033	41.7	429
Brooklyn Borough	2,602	25.2	2,231	(x)	−14.3	32.4	17.6	28.3	12.5	31,780	70.2	828
Manhattan Borough	1,539	24.7	1,428	(x)	−7.2	21.7	23.5	17.7	14.3	64,337	22.2	705
Queens Borough	1,987	13.0	1,891	(x)	−4.8	18.7	13.9	23.1	14.9	17,416	108.6	712
Staten Island Borough	295	5.3	352	(x)	19.2	7.3	5.4	29.1	10.0	5,999	58.7	115
Newark, N.J	382	54.2	329	46	−13.8	58.2	18.6	34.1	8.8	13,662	24.1	111
Newport News, Va	138	28.4	145	109	4.9	31.5	1.8	28.4	7.8	2,219	65.3	51
Norfolk, Va	308	28.3	267	55	−13.3	35.2	2.3	24.6	9.2	5,037	53.0	88
Oakland, Calif	362	34.5	339	43	−6.1	46.9	9.6	24.3	13.2	6,296	53.9	142
Oklahoma City, Okla	368	13.7	403	31	9.5	14.6	2.8	27.0	11.3	668	603.6	160
Omaha, Nebr	347	9.9	314	48	−9.4	12.0	2.3	27.5	12.2	3,457	90.9	118
Orlando, Fla	99	29.5	128	124	29.6	30.0	3.9	24.0	12.7	3,248	39.5	48
Oxnard, Calif	71	6.0	108	145	51.9	6.1	44.4	33.2	6.6	4,508	24.0	33
Pasadena, Calif	113	16.1	119	131	5.0	20.7	18.4	23.1	14.9	5,132	23.1	47
Pasadena, Tex	90	.1	113	139	25.1	.8	17.0	31.4	4.8	2,962	38.0	39
Paterson, N.J	145	26.9	138	116	−4.7	34.1	28.7	32.9	10.3	16,623	8.3	46
Peoria, Ill	127	11.5	124	126	−2.2	16.7	1.4	27.6	12.3	3,028	41.0	46
Philadelphia, Pa	1,949	33.6	1,688	4	−13.4	37.8	3.8	25.9	14.1	12,413	136.0	620
Phoenix, Ariz	584	4.8	790	9	35.2	4.8	14.8	29.0	9.3	2,437	324.0	285
Pittsburgh, Pa	520	20.2	424	30	−18.5	24.0	.8	21.4	16.0	7,652	55.4	166
Portland, Oreg	380	5.6	366	35	−3.6	7.6	2.1	21.8	15.3	3,547	103.3	159
Portsmouth, Va	111	39.9	105	154	−5.8	45.1	1.0	28.7	10.7	3,498	29.9	37

See footnotes at end of table.

No. 29. Cities With 100,000 Inhabitants or More in 1980—Population, 1970 and 1980, and Land Area and Households, 1980—Continued

[See headnote, p. 28]

City	Population 1970 Total [1] (1,000)	Population 1970 Percent Black [2]	Population 1980 Total (1,000)	Population 1980 Rank	Population 1980 Percent change, 1970–1980	Population 1980 Percent— Black	Population 1980 Percent— Spanish origin [3]	Population 1980 Percent— Under 18 years old	Population 1980 Percent— 65 years old and over	Population 1980 Per square mile	Land area, 1980 (sq. mi.)	Households, 1980 (1,000)
Providence, R.I.	179	8.9	157	99	−12.5	11.8	5.8	23.2	15.3	8,297	18.9	60
Pueblo, Colo.	98	2.1	102	165	4.0	2.1	35.5	28.5	12.3	3,063	33.2	37
Raleigh, N.C.	123	22.7	150	105	22.3	27.4	.9	22.3	8.3	2,793	53.8	55
Reno, Nev.	73	2.2	101	169	38.3	2.7	5.1	20.1	10.5	3,250	31.0	44
Richmond, Va.	249	42.0	219	64	−12.1	51.3	1.0	22.4	14.1	3,647	60.1	86
Riverside, Calif.	140	5.2	171	83	22.0	6.9	16.2	29.2	8.8	2,380	71.8	61
Roanoke, Va.	92	19.3	100	170	8.8	22.0	.7	24.4	15.6	2,325	43.1	40
Rochester, N.Y.	295	16.8	242	57	−18.1	25.8	5.4	26.6	14.0	7,068	34.2	95
Rockford, Ill.	147	8.3	140	113	−5.2	13.2	2.9	27.8	12.6	3,601	38.8	52
Sacramento, Calif.	257	10.7	276	52	7.2	13.4	14.2	24.6	13.6	2,869	96.1	113
St. Louis, Mo.	622	40.9	453	26	−27.2	45.6	1.2	26.1	17.6	7,379	61.4	178
St. Paul, Minn.	310	3.5	270	54	−12.8	4.9	2.9	24.1	15.0	5,157	52.4	106
St. Petersburg, Fla.	216	14.8	239	58	10.4	17.2	1.8	20.4	25.8	4,300	55.5	104
Salt Lake City, Utah	176	1.2	163	90	−7.3	1.5	7.6	24.2	14.7	2,168	75.2	68
San Antonio, Tex.	654	7.6	786	11	20.1	7.3	53.7	32.2	9.5	2,992	262.7	259
San Bernardino, Calif.	107	14.0	117	133	9.9	14.9	25.4	28.1	11.9	2,208	53.2	43
San Diego, Calif.	697	7.6	876	8	25.5	8.9	14.9	24.1	9.7	2,736	320.0	321
San Francisco, Calif.	716	13.4	679	13	−5.1	12.7	12.3	17.2	15.4	14,633	46.4	299
San Jose, Calif.	460	2.5	629	17	36.9	4.6	22.3	31.0	6.2	3,984	158.0	210
Santa Ana, Calif.	156	4.3	204	69	30.8	4.0	44.5	30.6	7.4	7,435	27.4	64
Savannah, Ga.	118	44.9	141	112	19.5	49.0	1.3	29.6	11.4	2,489	56.8	51
Seattle, Wash.	531	7.1	494	23	−7.0	9.5	2.6	17.6	15.4	3,415	144.6	219
Shreveport, La.	182	34.1	206	67	13.0	41.1	1.3	30.3	11.7	2,544	80.9	75
South Bend, Ind.	126	14.1	110	143	−12.6	18.3	2.4	26.8	14.8	3,023	36.3	42
Spokane, Wash.	171	1.3	171	82	.5	1.6	1.5	24.5	15.3	3,313	51.7	71
Springfield, Mass.	164	12.6	152	103	−7.1	16.6	9.1	27.5	13.8	4,805	31.7	55
Springfield, Mo.	120	2.0	133	118	10.8	2.1	.7	23.2	13.2	2,051	64.9	52
Stamford, Conn.	109	12.3	102	161	−5.8	15.0	5.6	24.5	12.0	2,689	38.1	38
Sterling Heights, Mich.	61	.1	109	144	77.6	.2	.9	34.5	4.5	2,978	36.6	34
Stockton, Calif.	110	11.0	150	106	36.2	10.4	22.1	29.2	11.0	3,744	40.0	55
Sunnyvale, Calif.	96	.8	107	148	11.1	2.4	11.5	23.0	8.2	4,636	23.0	43
Syracuse, N.Y.	197	10.8	170	86	−13.8	15.7	1.7	23.3	14.6	7,147	23.8	67
Tacoma, Wash.	154	6.8	159	97	2.7	9.2	2.4	26.8	13.5	3,323	47.7	63
Tampa, Fla.	278	19.7	272	53	−2.2	23.5	13.3	25.1	14.8	3,217	84.4	106
Tempe, Ariz.	64	.7	107	147	68.0	1.8	8.2	24.7	4.7	2,816	37.9	37
Toledo, Ohio	383	13.8	355	40	−7.4	17.4	3.0	28.1	12.5	4,212	84.2	133
Topeka, Kans.	125	8.4	115	136	−7.8	9.5	4.6	25.2	13.9	2,333	49.4	46
Torrance, Calif.	135	(z)	130	123	−3.8	.7	8.3	23.8	8.5	6,336	20.5	50
Tucson, Ariz.	263	3.5	331	45	25.7	3.7	24.9	25.5	11.7	3,346	98.8	125
Tulsa, Okla.	330	10.6	361	38	9.3	11.8	1.7	25.8	10.8	1,945	185.6	145
Virginia Beach, Va.	172	9.1	262	56	52.3	10.0	2.0	30.7	4.5	1,025	255.9	85
Waco, Tex.	95	19.9	101	166	6.2	21.8	11.1	24.3	14.3	1,367	74.1	38
Warren, Mich.	179	(z)	161	92	−10.1	.2	.9	27.8	8.0	4,684	34.4	54
Washington, D.C.	757	71.1	638	15	−15.6	70.3	2.8	22.5	11.6	10,181	62.7	253
Waterbury, Conn.	108	10.1	103	157	−4.4	11.6	6.7	25.8	15.5	3,611	28.6	38
Wichita, Kans.	277	9.7	279	51	1.0	10.8	3.5	26.3	10.6	2,754	101.4	110
Winston-Salem, N.C.	134	34.3	132	120	−1.3	40.2	.8	25.3	12.1	2,173	60.7	50
Worcester, Mass.	177	1.9	162	91	−8.4	2.9	4.3	23.6	16.3	4,326	37.4	59
Yonkers, N.Y.	204	6.4	195	73	−4.4	10.5	8.7	23.1	14.8	10,675	18.3	74
Youngstown, Ohio	141	25.2	115	135	−18.1	33.3	3.3	26.3	14.6	3,346	34.5	42

X Not applicable. Z Less than .05 percent. [1] 1970 population totals include corrections made after tabulations were completed. [2] Based on uncorrected tabulated data. [3] Persons of Spanish origin may be of any race.
[4] Anchorage city consolidated with Anchorage Borough September 15, 1975. [5] Columbus and the unincorporated balance of Muscogee County consolidated on January 1, 1971. [6] 1980 data are for census designated place (essentially the Honolulu Judicial District) which has same boundaries as Honolulu city did in 1970. [7] Lexington and Fayette County consolidated January 1, 1974.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, chapters A and B; and *1980 Census of Population*, vol. I, chapters A and B.

NO. 30. TOTAL POPULATION, BY AGE AND SEX: 1960 TO 1982

[In thousands, except as indicated. As of July 1. Includes Armed Forces abroad. See text p. 2 for derivation of estimates. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970,* series A23–25 and A29–41]

YEAR AND SEX	Total, all ages	Under 5 years	5–13 years	14–17 years	18–21 years	22–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65 years and over	16 years and over	18 years and over	21 years and over	Median age (yr.)
Total:															
1960	180,671	20,341	32,965	11,219	9,555	6,573	22,919	24,221	20,578	15,625	16,675	121,635	116,146	108,856	29.4
1970	205,052	17,166	36,672	15,924	14,719	9,992	25,324	23,150	23,316	18,682	20,107	143,070	135,290	124,127	27.9
1975	215,973	16,121	33,919	17,128	16,674	11,331	31,471	22,831	23,757	20,045	22,696	157,343	148,805	136,139	28.7
1976	218,035	15,617	33,516	17,119	16,995	11,650	32,759	23,094	23,622	20,386	23,278	160,319	151,784	138,882	28.9
1977	220,239	15,564	32,855	17,045	17,225	11,949	33,998	23,562	23,370	20,780	23,892	163,376	154,776	141,701	29.2
1978	222,585	15,735	32,094	16,946	17,406	12,216	34,963	24,437	23,174	21,112	24,502	166,422	157,810	144,716	29.5
1979	225,055	16,063	31,431	16,611	17,505	12,542	36,203	25,176	22,942	21,448	25,134	169,441	160,950	147,779	29.8
1980	227,704	16,457	31,080	16,139	17,531	12,816	37,593	25,882	22,737	21,756	25,714	172,428	164,028	150,864	30.0
1981	229,849	16,943	30,660	15,568	17,424	13,022	38,983	26,513	22,539	21,936	26,260	174,859	166,678	153,690	30.3
1982	232,057	17,372	30,431	14,963	17,199	13,168	39,482	28,144	22,380	22,095	26,824	177,065	169,292	156,587	30.6
Male:															
1960	89,230	10,339	16,672	5,683	4,810	3,284	11,327	11,872	10,142	7,559	7,542	59,413	56,536	52,859	28.5
1970	100,354	8,751	18,687	8,108	7,444	5,007	12,537	11,322	11,253	8,833	8,413	68,767	64,808	59,164	26.6
1975	105,366	8,240	17,303	8,722	8,454	5,683	15,635	11,199	11,449	9,416	9,265	75,444	71,102	64,678	27.5
1980	110,859	8,417	15,884	8,243	8,885	6,450	18,723	12,728	10,986	10,174	10,367	82,608	78,314	71,636	28.8
1982	112,972	8,886	15,562	7,635	8,758	6,650	19,695	13,860	10,827	10,322	10,778	84,855	80,889	74,406	29.3
Female:															
1960	91,352	10,002	16,293	5,536	4,745	3,289	11,591	12,349	10,436	8,067	9,133	62,422	59,610	55,997	30.3
1970	104,698	8,415	17,985	7,816	7,275	4,986	12,787	11,828	12,063	9,849	11,693	74,303	70,482	64,963	29.2
1975	110,607	7,881	16,616	8,406	8,220	5,648	15,836	11,932	12,307	10,629	13,431	81,900	77,704	71,461	29.9
1980	116,845	8,039	15,196	7,896	8,646	6,366	18,870	13,154	11,750	11,582	15,346	89,820	85,714	79,228	31.3
1982	119,086	8,486	14,869	7,328	8,441	6,518	19,787	14,285	11,554	11,773	16,046	92,209	88,403	82,181	31.9
PERCENT DISTRIBUTION															
Total:															
1960	100.0	11.3	18.2	6.2	5.3	3.6	12.7	13.4	11.4	8.6	9.2	67.4	64.3	60.3	(x)
1970	100.0	8.4	17.9	7.8	7.2	4.9	12.3	11.3	11.4	9.1	9.8	69.8	66.0	60.5	(x)
1975	100.0	7.5	15.7	7.9	7.7	5.2	14.6	10.6	11.0	9.3	10.5	72.9	68.9	63.0	(x)
1980	100.0	7.2	13.6	7.1	7.7	5.6	16.5	11.4	10.0	9.6	11.3	75.7	72.0	66.3	(x)
1982	100.0	7.5	13.1	6.4	7.4	5.7	17.0	12.1	9.6	9.5	11.6	76.3	73.0	67.5	(x)
Male:															
1960	100.0	11.6	18.8	6.4	5.4	3.7	12.7	13.3	11.4	8.5	8.4	66.5	63.3	59.2	(x)
1970	100.0	8.7	18.6	8.1	7.4	5.0	12.5	11.3	11.2	8.8	8.4	68.5	64.6	59.0	(x)
1975	100.0	7.8	16.4	8.3	8.0	5.4	14.8	10.6	10.9	8.9	8.8	71.6	67.5	61.4	(x)
1980	100.0	7.6	14.3	7.4	8.0	5.8	16.9	11.5	9.9	9.2	9.4	74.5	70.6	64.6	(x)
1982	100.0	7.9	13.8	6.8	7.8	5.9	17.4	12.3	9.6	9.1	9.5	75.1	71.6	65.9	(x)
Female:															
1960	100.0	10.9	17.7	6.1	5.2	3.6	12.7	13.5	11.4	8.8	10.0	68.3	65.3	61.3	(x)
1970	100.0	8.0	17.2	7.5	6.9	4.8	12.2	11.3	11.5	9.4	11.2	71.0	67.3	62.0	(x)
1975	100.0	7.1	15.0	7.6	7.4	5.1	14.3	10.5	11.1	9.6	12.1	74.0	70.3	64.6	(x)
1980	100.0	6.9	13.0	6.8	7.4	5.4	16.1	11.3	10.1	9.9	13.1	76.9	73.3	67.8	(x)
1982	100.0	7.1	12.5	6.2	7.1	5.5	16.6	12.0	9.7	9.9	13.5	77.4	74.2	69.0	(x)

X Not applicable.

Source: U.S. Bureau of the Census, *Current Population Reports,* series, P-25, Nos. 311, 519, 917, and 929.

No. 31. Projections of the Total Population by Race, Sex, and Age: 1985 to 2000

[In thousands. As of July 1. Includes Armed Forces overseas. For explanation of assumptions for each series, see headnote, table 6. For explanation of methodology, see text, p. 2]

Race, Sex, and Age	Lowest series (series 19)			Middle series (series 14)			Highest series (series 9)		
	1985	1990	2000	1985	1990	2000	1985	1990	2000
Total population [1]	**237,366**	**245,507**	**255,638**	**238,648**	**249,731**	**267,990**	**240,364**	**254,686**	**282,339**
White	202,288	207,735	213,257	203,237	210,964	222,801	204,319	214,240	232,665
Male	98,777	101,441	104,153	99,229	103,010	108,825	99,768	104,637	113,702
Female	103,511	106,294	109,103	104,008	107,955	113,976	104,550	109,604	118,963
Black	28,919	30,832	33,934	29,107	31,452	35,795	29,305	32,068	37,732
Male	13,734	14,655	16,158	13,824	14,957	17,072	13,921	15,260	18,030
Female	15,185	16,177	17,776	15,283	16,495	18,724	15,384	16,807	19,702
Male	115,515	119,455	124,349	116,124	121,498	130,379	116,953	123,904	137,372
Under 5 years old	9,221	8,957	7,639	9,453	9,831	9,024	9,711	10,576	10,528
5-17 years old	22,595	22,707	22,966	22,671	23,077	25,465	22,815	23,603	27,903
18-24 years old	14,522	12,992	12,284	14,587	13,115	12,523	14,661	13,291	12,910
25-44 years old	36,544	40,248	39,417	36,680	40,594	40,194	36,950	41,234	41,594
45-64 years old	21,202	22,056	28,871	21,259	22,230	29,439	21,319	22,411	30,124
65 years old and over	11,430	12,497	13,172	11,473	12,652	13,734	11,497	12,790	14,313
Female	121,851	126,053	131,289	122,525	128,234	137,611	123,411	130,782	144,966
Under 5 years old	8,790	8,538	7,284	9,009	9,369	8,601	9,259	10,083	10,036
5-17 years old	21,609	21,700	21,926	21,681	22,045	24,298	21,818	22,554	26,637
18-24 years old	14,050	12,516	11,819	14,127	12,663	12,067	14,238	12,868	12,479
25-44 years old	36,937	40,352	39,007	37,099	40,758	39,912	37,379	41,464	41,476
45-64 years old	23,333	24,059	30,881	23,408	24,251	31,434	23,478	24,434	32,030
65 years old and over	17,132	18,889	20,369	17,200	19,147	21,302	17,241	19,379	22,309
Under 5 years old	18,011	17,494	14,923	18,462	19,200	17,624	18,970	20,659	20,564
5-17 years old	44,203	44,406	44,894	44,352	45,123	49,762	44,634	46,157	54,540
18-24 years old	28,572	25,508	24,103	28,715	25,777	24,590	28,899	26,158	25,389
25-44 years old	73,481	80,599	78,424	73,779	81,351	80,105	74,328	82,698	83,070
45-64 years old	44,536	46,115	59,752	44,668	46,481	60,873	44,796	46,846	62,154
65 years old and over	28,562	31,386	33,540	28,673	31,799	35,036	28,738	32,169	36,622
16 years old and over	182,344	190,041	203,131	183,054	191,901	208,222	184,025	194,459	215,270
18 years old and over	175,151	183,607	195,821	175,834	185,409	200,604	176,761	187,870	207,234

[1] Includes other races not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 922, and unpublished data.

No. 32. Resident Population, by Sex, Race, Residence, and Median Age: 1790 to 1982

[In thousands, except as indicated. Excludes Armed Forces abroad. For definition of median, see Guide to Tabular Presentation. *See also Historical Statistics, Colonial Times to 1970*, series A 73-81 and A 143-149]

Date	Sex		Race				Residence [1]		Median age (years)		
	Male	Female	White	Black		Other	Urban	Rural	All races	White	Black
				Number	Percent						
CONTERMINOUS U.S. [2]											
1790 (Aug. 2)	(NA)	(NA)	3,172	757	19.3	(NA)	202	3,728	(NA)	(NA)	(NA)
1800 (Aug. 4)	(NA)	(NA)	4,306	1,002	18.9	(NA)	322	4,986	(NA)	16.0	(NA)
1810 (Aug. 6)	(NA)	(NA)	5,862	1,378	19.0	(NA)	525	6,714	(NA)	16.0	(NA)
1820 (Aug. 7)	4,897	4,742	7,867	1,772	18.4	(NA)	693	8,945	16.7	16.5	17.2
1830 (June 1)	6,532	6,334	10,537	2,329	18.1	(NA)	1,127	11,739	17.2	17.2	16.9
1840 (June 1)	8,689	8,381	14,196	2,874	16.8	(NA)	1,845	15,224	17.8	17.9	17.3
1850 (June 1)	11,838	11,354	19,553	3,639	15.7	(NA)	3,544	19,648	18.9	19.2	17.3
1860 (June 1)	16,085	15,358	26,923	4,442	14.1	79	6,217	25,227	19.4	19.7	17.7
1870 (June 1)	19,494	19,065	33,589	4,880	12.7	89	9,902	28,656	20.2	20.4	18.5
1880 (June 1)	25,519	24,637	43,403	6,581	13.1	172	14,130	36,026	20.9	21.4	18.0
1890 (June 1)	32,237	30,711	55,101	7,489	11.9	358	22,106	40,841	22.0	22.5	17.8
1900 (June 1)	38,816	37,178	66,809	8,834	11.6	351	30,160	45,835	22.9	23.4	19.4
1910 (Apr. 15)	47,332	44,640	81,732	9,828	10.7	413	41,999	49,973	24.1	24.5	20.8
1920 (Jan. 1)	53,900	51,810	94,821	10,463	9.9	427	54,158	51,553	25.3	25.6	22.3
1930 (Apr. 1)	62,137	60,638	110,287	11,891	9.7	597	68,955	53,820	26.4	26.9	23.5
1940 (Apr. 1)	66,062	65,608	118,215	12,866	9.8	589	74,424	57,246	29.0	29.5	25.3
1950 (Apr. 1)	74,833	75,864	134,942	15,042	10.0	713	96,468	54,230	30.2	30.8	26.2
1960 (Apr. 1)	87,865	90,600	158,455	18,860	10.6	1,149	124,899	53,765	29.6	30.3	23.5
UNITED STATES											
1950 (Apr. 1)	75,187	76,139	135,150	15,045	9.9	1,131	96,847	54,479	30.2	30.7	26.2
1960 (Apr. 1)	88,331	90,992	158,832	18,872	10.5	1,620	125,269	54,054	29.5	30.3	23.5
1970 (Apr. 1) [3]	98,926	104,309	178,098	22,581	11.1	2,557	149,325	53,887	28.0	28.9	22.4
1980 (Apr. 1) [4]	110,053	116,493	194,811	26,631	11.8	5,104	167,051	59,495	30.0	30.9	24.9
1981 (July 1, est)	111,444	117,904	196,664	27,153	11.8	5,530	(NA)	(NA)	30.3	31.2	25.2
1982 (July 1, est)	112,498	119,035	198,108	27,589	11.9	5,837	(NA)	(NA)	30.6	31.5	25.5

NA Not available. [1] Beginning 1950, current definition. For explanation of change, see text, p. 3. [2] Excludes Alaska and Hawaii. [3] The revised 1970 resident population count is 203,302,031; which incorporates changes due to errors found after tabulations were completed. The race and sex data shown here reflect the official 1970 census count while the residence data come from the tabulated count. See text, p.1. [4] The race data shown for April 1, 1980 have been modified. See text, p. 3 for explanation.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1930*, vol. II; *1940*, vol. II, part 1, and vol. IV, part 1; *1950*, vol. II, part 1; *1960*, vol. I; *1970*, vol. I, part B; and *Current Population Reports*, series P-25, No. 929.

No. 33. Resident Population, by Age, Sex, and Race: 1970 to 1982

[**In thousands, except as indicated.** 1970 and 1980 data based on enumerated population as of **April 1. 1982** based on estimated population as of July 1. Excludes Armed Forces overseas. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series A119–134]

YEAR, SEX, AND RACE	Total, all years	Under 5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35–39 years	40–44 years	45–49 years	50–54 years	55–59 years	60–64 years	65–74 years	75 years and over	5–13 years	14–17 years	18–24 years	16 years and over	18 years and over	Median age (yr.)
1970, total [1] [2]	**203,235**	**17,163**	**19,969**	**20,804**	**19,084**	**16,383**	**13,486**	**11,437**	**11,113**	**11,988**	**12,124**	**11,111**	**9,979**	**8,623**	**12,443**	**7,530**	**36,675**	**15,851**	**23,714**	**141,268**	**133,546**	**28.0**
Male	98,926	8,750	10,175	10,598	9,641	7,925	6,626	5,599	5,416	5,823	5,855	5,351	4,769	4,030	5,440	2,927	18,687	8,069	11,583	67,347	63,419	26.8
Female	104,309	8,413	9,794	10,206	9,443	8,458	6,859	5,838	5,697	6,166	6,269	5,759	5,210	4,593	7,002	4,603	17,987	7,782	12,131	73,920	70,127	29.3
White	178,098	14,464	16,941	17,724	16,412	14,327	11,850	10,000	9,749	10,633	10,868	10,019	9,021	7,818	11,300	6,972	31,171	13,579	20,655	125,520	118,884	28.9
Male	86,906	7,396	8,656	9,056	8,314	6,966	5,869	4,942	4,798	5,207	5,270	4,842	4,319	3,655	4,925	2,690	15,929	6,931	10,133	60,034	56,650	27.6
Female	91,192	7,068	8,285	8,667	8,098	7,361	5,980	5,058	4,951	5,426	5,598	5,178	4,702	4,163	6,374	4,283	15,242	6,648	10,521	65,486	62,234	30.1
Black	22,581	2,434	2,749	2,812	2,425	1,816	1,429	1,254	1,196	1,199	1,124	990	874	734	1,043	501	5,009	2,073	2,721	14,053	13,065	22.4
Male	10,749	1,220	1,378	1,408	1,203	841	658	568	541	544	520	459	405	335	461	207	2,510	1,038	1,282	6,476	5,981	21.0
Female	11,832	1,214	1,371	1,404	1,222	975	771	685	656	655	603	531	469	400	582	293	2,499	1,035	1,438	7,577	7,084	23.6
1980, total [1]	**226,546**	**16,348**	**16,700**	**18,242**	**21,168**	**21,319**	**19,521**	**17,561**	**13,965**	**11,669**	**11,090**	**11,710**	**11,615**	**10,088**	**15,581**	**9,969**	**31,159**	**16,247**	**30,022**	**171,196**	**162,791**	**30.0**
Male	110,053	8,362	8,539	9,316	10,755	10,663	9,705	8,677	6,862	5,708	5,388	5,621	5,482	4,670	6,757	3,548	15,923	8,298	15,054	81,766	77,471	28.8
Female	116,493	7,986	8,161	8,926	10,413	10,655	9,816	8,884	7,104	5,961	5,702	6,089	6,133	5,418	8,824	6,420	15,237	7,950	14,969	89,429	85,320	31.3
White [3]	194,811	13,428	13,727	15,103	17,691	18,085	16,670	15,166	12,128	10,114	9,696	10,363	10,396	9,080	14,047	9,118	25,709	13,499	25,399	149,185	142,176	30.9
Male [3]	94,976	6,889	7,039	7,734	9,013	9,109	8,370	7,570	6,017	4,993	4,757	5,017	4,929	4,221	6,096	3,221	13,174	6,909	12,813	71,593	68,004	29.6
Female [3]	99,835	6,539	6,688	7,369	8,677	8,975	8,300	7,596	6,111	5,121	4,940	5,345	5,467	4,858	7,951	5,897	12,535	6,589	12,586	77,592	74,172	32.2
Black [3]	26,631	2,453	2,504	2,687	3,002	2,742	2,335	1,899	1,465	1,258	1,148	1,133	1,040	873	1,343	747	4,621	2,376	3,938	18,388	17,181	24.9
Male [3]	12,585	1,236	1,262	1,351	1,498	1,309	1,091	876	666	569	518	506	468	386	567	281	2,326	1,197	1,897	8,434	7,825	23.6
Female [3]	14,046	1,216	1,242	1,336	1,504	1,433	1,244	1,023	800	688	631	627	572	487	776	466	2,294	1,180	2,041	9,954	9,355	26.2
1982, total [1]	**231,534**	**17,372**	**15,956**	**18,024**	**19,793**	**21,715**	**20,657**	**18,644**	**15,638**	**12,441**	**11,044**	**11,330**	**11,521**	**10,573**	**16,135**	**10,689**	**30,431**	**14,962**	**30,096**	**176,541**	**168,769**	**30.6**
Male	112,498	8,886	8,161	9,214	10,084	10,906	10,298	9,234	7,701	6,095	5,367	5,453	5,429	4,892	7,003	3,775	15,562	7,634	15,169	84,382	80,417	29.4
Female	119,035	8,486	7,796	8,811	9,708	10,810	10,359	9,410	7,937	6,346	5,676	5,877	6,092	5,681	9,131	6,915	14,869	7,328	14,927	92,159	88,353	31.9
White	198,108	14,075	13,054	14,865	16,382	18,273	17,547	15,930	13,588	10,764	9,591	9,989	10,256	9,501	14,547	9,746	24,989	12,342	25,242	153,109	146,702	31.5
Male	96,589	7,222	6,694	7,618	8,364	9,222	8,826	7,972	6,758	5,324	4,707	4,855	4,867	4,417	6,330	3,417	12,812	6,312	12,774	73,521	70,245	30.2
Female	101,518	6,853	6,360	7,247	8,018	9,052	8,721	7,958	6,831	5,440	4,884	5,134	5,389	5,085	8,218	6,329	12,178	6,031	12,469	79,588	76,457	32.8
Black	27,589	2,717	2,393	2,644	2,900	2,895	2,536	2,144	1,603	1,330	1,174	1,102	1,060	910	1,366	816	4,515	2,220	4,097	19,299	18,138	25.5
Male	13,045	1,370	1,207	1,331	1,454	1,406	1,195	994	731	601	528	490	468	401	569	301	2,276	1,114	2,008	8,868	8,284	24.1
Female	14,544	1,347	1,186	1,313	1,445	1,489	1,340	1,150	871	730	646	612	592	510	797	516	2,239	1,106	2,089	10,431	9,853	26.8
Percent:																						
1970	100.0	8.4	9.8	10.2	9.4	8.1	6.6	5.6	5.5	5.9	6.0	5.5	4.9	4.2	6.1	3.7	18.0	7.8	11.7	69.5	65.7	(X)
1980	100.0	7.2	7.4	8.1	9.3	9.4	8.6	7.8	6.2	5.2	4.9	5.2	5.1	4.5	6.9	4.4	13.8	7.2	13.3	75.6	71.9	(X)
1982, total [1]	**100.0**	**7.5**	**6.9**	**7.8**	**8.5**	**9.4**	**8.9**	**8.1**	**6.8**	**5.4**	**4.8**	**4.9**	**5.0**	**4.6**	**7.0**	**4.6**	**13.1**	**6.5**	**13.0**	**76.2**	**72.9**	(X)
Male	100.0	7.9	7.3	8.2	9.0	9.7	9.2	8.2	6.8	5.4	4.8	4.8	4.8	4.3	6.2	3.4	13.8	6.8	13.5	75.0	71.5	(X)
Female	100.0	7.1	6.5	7.4	8.2	9.1	8.7	7.9	6.7	5.3	4.8	4.9	5.1	4.8	7.7	5.8	12.5	6.2	12.5	77.4	74.2	(X)
White	100.0	7.1	6.6	7.5	8.3	9.2	8.9	8.0	6.9	5.4	4.8	5.0	5.2	4.8	7.3	4.9	12.6	6.2	12.7	77.3	74.1	(X)
Black	100.0	9.8	8.7	9.6	10.5	10.5	9.2	7.8	5.8	4.8	4.3	4.0	3.8	3.3	5.0	3.0	16.4	8.0	14.8	70.0	65.7	(X)

X Not applicable. [1] Includes other races, not shown separately. [2] The 1970 resident population count is 203,302,031; the difference of 66,733 is due to errors found after tabulations were completed. [3] The race data shown for April 1, 1980 have been modified. See text, p. 3 for explanation.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. 1; and *Current Population Reports*, series P–25, No. 929.

No. 34. Resident Population by Age, 1975 to 1982, and by States, 1982

[In thousands, except percent. As of July 1. For composition of regions, see fig. I, inside front cover. See *Historical Statistics, Colonial Times to 1970*, series A 204-209 for decennial census data]

Year, region, division, and state	Total	Under 5 years	5-13 years	14-17 years	18-24 years	25-34 years	35-44 years	45-64 years	65 years and over	18 years and over	Percent		
											Under 5 years	5 to 17 years	65 years and over
1975	215,465	16,121	33,919	17,125	27,735	31,314	22,760	43,794	22,696	146,300	7.5	23.7	10.5
1979	224,567	16,063	31,431	16,610	29,794	36,038	25,114	44,384	25,134	160,463	7.2	21.4	11.2
1980	227,202	16,457	31,080	16,137	30,091	37,418	25,820	44,486	25,714	163,528	7.2	20.8	11.3
1981	229,348	16,943	30,660	15,567	30,186	38,810	26,453	44,469	26,260	166,178	7.4	20.2	11.4
1982, U.S	**231,534**	**17,372**	**30,431**	**14,962**	**30,096**	**39,302**	**26,079**	**44,468**	**26,824**	**168,769**	**7.5**	**19.6**	**11.6**
Regions:													
Northeast	49,456	3,212	6,064	3,262	6,214	8,017	6,060	10,339	6,288	36,918	6.5	18.9	12.7
No. Central	58,927	4,532	7,898	3,857	7,718	9,867	6,892	11,180	6,982	42,639	7.7	19.9	11.8
South	78,136	5,946	10,579	5,096	10,239	13,131	9,441	14,747	8,957	56,515	7.6	20.1	11.5
West	45,015	3,681	5,890	2,747	5,926	8,288	5,686	8,202	4,596	32,697	8.2	19.2	10.2
N. Eng	**12,493**	**789**	**1,514**	**833**	**1,653**	**2,090**	**1,531**	**2,497**	**1,586**	**9,357**	**6.3**	**18.8**	**12.7**
Maine	1,133	61	151	77	142	184	134	218	147	824	7.1	20.1	12.9
N.H	951	66	124	64	124	166	122	176	109	697	7.0	19.8	11.5
Vt	516	38	68	34	71	90	64	90	60	376	7.3	19.8	11.7
Mass	5,781	351	681	383	788	983	695	1,149	751	4,366	6.1	18.4	13.0
R.I	958	60	112	62	130	154	110	199	132	725	6.2	18.2	13.8
Conn	3,153	193	378	213	398	513	407	665	387	2,370	6.1	18.7	12.3
Mid. Atl	**36,963**	**2,423**	**4,550**	**2,429**	**4,561**	**5,926**	**4,528**	**7,842**	**4,702**	**27,561**	**6.6**	**18.9**	**12.7**
N.Y	17,659	1,171	2,172	1,165	2,197	2,860	2,210	3,687	2,198	13,151	6.6	18.9	12.4
N.J	7,438	478	928	499	893	1,184	955	1,602	900	5,534	6.4	19.2	12.1
Pa	11,865	775	1,450	765	1,472	1,883	1,364	2,554	1,606	8,876	6.5	18.7	13.5
E. No. Cent	**41,585**	**3,160**	**5,627**	**2,762**	**5,448**	**6,998**	**4,921**	**7,961**	**4,708**	**30,035**	**7.6**	**20.2**	**11.3**
Ohio	10,791	810	1,456	708	1,385	1,799	1,273	2,138	1,224	7,818	7.5	20.0	11.3
Ind	5,471	420	762	363	723	906	649	1,034	614	3,926	7.7	20.6	11.2
Ill	11,448	861	1,516	741	1,483	1,934	1,376	2,204	1,313	8,310	7.7	19.7	11.5
Mich	9,109	686	1,265	628	1,216	1,563	1,080	1,708	964	6,530	7.5	20.8	10.6
Wis	4,765	363	629	323	641	797	544	877	592	3,451	7.6	20.0	12.4
W. No. Cent	**17,342**	**1,372**	**2,270**	**1,096**	**2,270**	**2,869**	**1,971**	**3,220**	**2,275**	**12,604**	**7.9**	**19.4**	**13.1**
Minn	4,133	329	541	270	556	717	487	730	502	2,993	8.0	19.6	12.1
Iowa	2,905	227	382	187	370	472	320	546	401	2,109	7.8	19.6	13.8
Mo	4,951	372	639	312	637	792	577	957	666	3,629	7.5	19.2	13.5
N. Dak	670	59	91	43	92	114	70	117	84	477	8.8	20.0	12.5
S. Dak	691	61	95	44	90	108	70	127	94	490	8.9	20.2	13.7
Nebr	1,586	130	212	98	205	263	176	289	212	1,145	8.2	19.6	13.3
Kans	2,408	195	309	142	320	401	271	454	316	1,761	8.1	18.8	13.1
So. Atl	**38,213**	**2,650**	**4,886**	**2,451**	**4,972**	**6,387**	**4,711**	**7,501**	**4,655**	**28,226**	**6.9**	**19.2**	**12.2**
Del	602	43	76	40	87	100	73	120	63	443	7.2	19.2	10.4
Md	4,265	289	530	293	570	749	572	843	420	3,154	6.8	19.3	9.9
D.C	631	39	64	35	93	124	81	122	73	494	6.2	15.7	11.6
Va	5,491	380	702	356	764	973	730	1,049	537	4,053	6.9	19.3	9.8
W. Va	1,948	143	272	127	229	319	223	388	247	1,405	7.4	20.5	12.7
N.C	6,019	416	806	395	824	1,018	745	1,167	648	4,402	6.9	19.9	10.8
S.C	3,203	250	456	220	450	550	386	502	310	2,278	7.8	21.1	9.7
Ga	5,639	438	803	386	756	980	717	1,008	549	4,011	7.8	21.1	9.7
Fla	10,416	651	1,177	600	1,199	1,573	1,184	2,223	1,808	7,987	6.3	17.1	17.4
E. So. Cent	**14,812**	**1,141**	**2,092**	**1,000**	**1,922**	**2,414**	**1,750**	**2,766**	**1,727**	**10,579**	**7.7**	**20.9**	**11.7**
Ky	3,667	284	513	244	482	609	433	676	426	2,625	7.7	20.7	11.6
Tenn	4,651	331	626	303	594	778	578	897	542	3,390	7.1	20.0	11.6
Ala	3,943	302	560	269	510	634	460	747	461	2,812	7.7	21.0	11.7
Miss	2,551	223	392	184	336	392	279	446	299	1,752	8.7	22.6	11.7
W. So. Cent	**25,111**	**2,156**	**3,601**	**1,645**	**3,344**	**4,330**	**2,981**	**4,480**	**2,575**	**17,709**	**8.6**	**20.9**	**10.3**
Ark	2,291	177	321	151	274	347	265	432	323	1,642	7.7	20.6	14.1
La	4,362	392	641	310	602	743	498	757	419	3,020	9.0	21.8	9.6
Okla	3,177	258	430	193	410	521	376	599	390	2,296	8.1	19.6	12.3
Tex	15,280	1,329	2,209	991	2,057	2,718	1,842	2,691	1,442	10,751	8.7	20.9	9.4
Mt	**11,967**	**1,094**	**1,711**	**760**	**1,577**	**2,164**	**1,444**	**2,060**	**1,156**	**8,402**	**9.1**	**20.6**	**9.7**
Mont	801	69	110	51	100	140	96	145	90	570	8.6	20.2	11.3
Idaho	965	96	151	63	116	163	114	160	101	655	10.0	22.2	10.5
Wyo	502	50	74	30	65	100	61	81	39	347	10.0	20.9	7.9
Colo	3,045	243	398	185	425	615	398	518	264	2,219	8.0	19.1	8.7
N. Mex	1,359	126	202	94	182	231	160	237	126	937	9.3	21.8	9.3
Ariz	2,860	239	390	182	369	485	333	522	340	2,043	8.4	20.0	11.9
Utah	1,554	204	276	100	209	267	160	219	118	974	13.1	24.2	7.6
Nev	881	66	109	55	111	163	122	178	77	651	7.5	18.6	8.7
Pac	**33,049**	**2,588**	**4,179**	**1,987**	**4,348**	**6,124**	**4,242**	**6,141**	**3,440**	**24,295**	**7.8**	**18.7**	**10.4**
Wash	4,245	333	550	258	542	787	546	766	464	3,105	7.8	19.0	10.9
Oreg	2,649	208	345	158	309	491	337	475	325	1,938	7.8	19.0	12.3
Calif	24,724	1,917	3,086	1,482	3,293	4,562	3,171	4,660	2,553	18,239	7.8	18.5	10.3
Alaska	438	46	66	28	64	98	63	60	13	297	10.4	21.6	3.1
Hawaii	994	84	133	61	140	186	124	181	85	716	8.5	19.5	8.5

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 929 and 930.

NO. 35. RATIO OF MALES TO FEMALES, BY AGE GROUP, 1910 TO 1982, AND BY RACE, 1982

[Represents number of males per 100 females. Total resident population]

AGE (years)	1910 (Apr. 15)	1920 (Jan. 1)	1930 (Apr. 1)	1940 (Apr. 1)	1950 (Apr. 1)	1960 (Apr. 1)	1970 (Apr. 1)	1980 (Apr. 1)	1982 (July 1)		
									Total[1]	White	Black
All ages	**106.0**	[2] **104.1**	[2] **102.5**	**100.7**	**98.6**	**97.1**	**94.8**	**94.5**	**94.5**	**95.1**	**89.7**
Under 14	102.1	102.1	102.6	103.0	103.7	103.4	103.9	104.6	104.7	105.3	101.7
14-24	101.2	97.3	98.4	98.9	98.2	98.7	98.7	101.9	102.5	103.2	97.7
25-44	110.2	105.1	101.8	98.5	96.4	95.7	95.5	97.4	97.9	99.8	86.1
45-64	114.4	115.2	109.1	105.2	100.1	95.7	91.6	90.7	90.6	92.0	79.9
65 and over	101.1	101.3	100.5	95.5	89.6	82.8	72.1	67.6	67.2	67.0	66.3

[1] Includes other races, not shown separately. [2] Includes "age not reported."

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1930,* vol. II; *1940,* vol. II, part 1, and vol. IV, part 1; *1950,* vol. II, part 1; *1960,* vol. I, part 1; *1970,* vol. I, part B; and *Current Population Reports,* series P-25, No. 929.

NO. 36. PERSONS 65 YEARS OLD AND OVER—CHARACTERISTICS, BY SEX: 1960 TO 1982

CHARACTERISTIC	1960		1970		1975		1980 [1]		1982	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total [2 3] (million)	**7.5**	**9.0**	**8.3**	**11.5**	**8.7**	**12.4**	**10.0**	**14.2**	**10.3**	**14.9**
Percent of total population	8.6	9.9	8.5	11.1	8.6	11.5	9.2	12.4	9.4	12.7
White [2] (million)	6.9	8.4	7.6	10.6	7.9	11.3	9.0	12.9	9.3	13.5
Black [2] (million)	.5	.6	.7	.9	.8	1.1	.9	1.2	.8	1.3
Age: [4]										
65-69 years (percent)	3.3	3.7	3.2	3.7	3.5	4.1	3.5	4.2	3.5	4.2
70-74 years (percent)	2.5	2.8	2.3	3.0	2.4	3.0	2.6	3.4	2.7	3.5
75-79 years (percent)	1.6	1.9	1.6	2.2	1.5	2.2	1.7	2.5	1.7	2.6
80 years and over (percent)	1.2	1.6	1.4	2.3	1.5	2.7	1.6	3.0	1.6	3.2
Median income: [2 5]										
Family householders (dollars)	2,831		4,779	4,986	7,469	7,722	11,331	11,256	14,553	12,429
Unrelated individuals (dollars)	1,008		2,101	1,777	3,410	2,901	5,188	4,537	6,627	5,607
Percent below poverty level: [2 6]										
Family householders	29.7	31.5	16.6	23.5	7.9	12.3	8.4	13.0	8.0	14.8
Unrelated individuals	58.5	69.1	40.0	49.9	25.8	31.7	25.3	30.5	23.4	31.4
PERCENT DISTRIBUTION										
Marital status: [2]										
Single	7.3	6.5	7.5	7.7	4.7	5.8	4.9	5.9	4.4	5.6
Married	71.7	36.8	73.1	35.6	79.3	39.1	78.0	39.5	80.0	40.2
Spouse present	69.0	35.0	69.9	33.9	77.3	37.6	76.1	37.9	77.6	38.5
Spouse absent	2.7	1.8	3.2	1.7	2.0	1.5	1.9	1.7	2.4	1.7
Widowed	19.4	53.1	17.1	54.4	13.6	52.5	13.5	51.2	12.4	50.4
Divorced	1.7	1.5	2.3	2.3	2.5	2.6	3.6	3.4	3.2	3.8
Family status: [2]										
In families	82.3	67.7	79.2	58.5	83.3	59.3	83.0	56.8	83.6	56.7
Nonfamily householders	12.8	26.8	14.9	35.2	15.4	39.4	15.7	42.0	15.4	42.4
Secondary individuals	2.4	3.0	2.4	1.9	1.2	1.3	1.3	1.1	1.0	.8
Residents of institutions [2]	2.5	2.4	3.6	4.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Living arrangements: [2]										
Living in household	97.4	97.0	95.5	95.0	99.8	99.8	99.9	99.7	99.9	99.9
Living alone	(NA)	(NA)	14.1	33.8	14.8	38.0	14.9	41.0	14.5	41.4
Spouse present [7]	73.2	36.9	69.9	33.9	77.3	37.6	76.1	37.9	77.6	38.5
Living with someone else	(NA)	(NA)	11.5	27.4	7.7	24.2	8.9	20.8	7.7	19.9
Not in household [2 8]	2.6	3.0	4.5	5.0	.2	.2	.1	.3	.1	.1
Years of school completed:										
8 years or less	72.5	66.4	61.5	56.1	52.6	48.0	45.3	41.6	41.1	38.3
1-3 years of high school	10.4	12.8	12.6	13.9	14.0	15.5	15.5	16.7	15.8	17.0
4 years of high school	7.8	11.6	12.5	18.1	16.8	21.8	21.4	25.8	22.7	28.2
1-3 years of college	4.9	6.1	5.6	6.7	7.2	8.4	7.5	8.6	8.7	9.1
4 years or more of college	4.3	3.2	7.9	5.2	9.4	6.3	10.3	7.4	11.9	7.4
Labor force participation: [9]										
Employed	30.9	9.9	26.2	10.0	21.1	7.8	18.5	7.9	17.1	7.6
Unemployed	1.7	.4	1.0	.3	1.2	.4	.6	.3	.7	.3
Not in labor force	67.3	89.7	72.8	89.7	77.7	91.8	80.9	91.9	82.2	92.1

NA Not available. [1] Population controls based on 1980 census; see text, p. 2. [2] Civilian population as of March. Beginning 1975, excludes institutional population. [3] Includes other races, not shown separately. [4] Estimated total resident population as of July 1. [5] Income for preceding year. For definition of median, see Guide to Tabular Presentation. [6] Poverty status based on income in preceding year. [7] For 1960 includes a small number of "spouse present" in group quarters. [8] In institutions and other group quarters. [9] Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly.

Source: Except as noted, U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 380 and earlier reports; series P-23, Nos. 57 and 59; series P-25, Nos. 917 and 929, and series P-60, No. 137 and earlier reports.

NO. 37. RESIDENT POPULATION, BY RACE AND SPANISH ORIGIN, BY STATE: 1980

[In thousands. As of April 1. For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series A199-201]

REGION, DIVISION, AND STATE	Total	White	Black	American Indian [1]	Chinese	Filipino	Japanese	Asian Indian	Korean	Vietnamese	All other races	Spanish origin [2]
U.S	**226,546**	**188,372**	**26,495**	**1,420.4**	**806.0**	**774.7**	**701.0**	**361.5**	**354.6**	**261.7**	**6,999.2**	**14,609**
Regions:												
Northeast	49,135	42,326	4,848	79.0	217.7	75.1	46.9	120.8	68.2	24.9	1,328.0	2,604
No. Central	58,866	52,195	5,337	248.4	72.9	80.0	44.5	85.2	62.2	36.7	704.0	1,277
South	75,372	58,960	14,048	372.2	90.6	82.6	44.7	83.6	70.4	80.3	1,539.9	4,474
West	43,172	34,890	2,262	720.7	424.8	537.0	564.9	72.0	153.8	120.0	3,427.4	6,254
N. Eng	**12,348**	**11,586**	**475**	**21.6**	**33.0**	**8.5**	**7.8**	**15.5**	**8.6**	**6.1**	**187.2**	**299**
Maine	1,125	1,110	3	4.1	.5	.7	.3	.4	.5	.5	4.8	5
N.H	921	910	4	1.4	.8	.3	.4	.6	.5	.2	2.3	6
Vt	511	507	1	1.0	.3	.1	.2	.3	.3	.1	1.3	3
Mass	5,737	5,363	221	7.7	25.0	3.1	4.5	8.4	4.7	3.2	96.4	141
R.I	947	897	28	2.9	1.7	1.2	.5	.9	.6	.3	14.8	20
Conn	3,108	2,799	217	4.5	4.7	3.1	1.9	5.0	2.1	1.8	67.6	124
Mid. Atl	**36,787**	**30,741**	**4,374**	**57.4**	**184.8**	**66.6**	**39.1**	**105.2**	**59.5**	**18.8**	**1,140.8**	**2,305**
N.Y	17,558	13,961	2,402	39.6	148.1	34.0	24.5	60.5	34.2	6.6	847.7	1,659
N.J	7,365	6,127	925	8.4	23.4	24.4	9.9	29.5	12.8	2.9	201.0	492
Pa	11,864	10,652	1,047	9.5	13.3	8.3	4.7	15.2	12.5	9.3	92.1	154
E. No. Cent	**41,682**	**36,150**	**4,549**	**105.9**	**57.6**	**68.8**	**34.5**	**71.5**	**45.9**	**19.3**	**579.7**	**1,068**
Ohio	10,798	9,597	1,077	12.2	9.9	7.4	5.5	13.1	7.3	3.5	64.5	120
Ind	5,490	5,004	415	7.8	4.0	3.6	2.4	4.3	3.3	2.3	43.3	87
Ill	11,427	9,233	1,675	16.3	28.6	43.9	18.6	35.7	24.0	7.0	343.7	636
Mich	9,262	7,872	1,199	40.0	11.0	11.2	5.9	14.7	8.7	4.2	95.1	162
Wis	4,706	4,443	183	29.5	4.1	2.7	2.2	3.7	2.6	2.2	33.1	63
W. No. Cent	**17,183**	**16,044**	**789**	**142.5**	**15.3**	**11.2**	**9.9**	**13.7**	**16.3**	**17.3**	**124.3**	**209**
Minn	4,076	3,936	53	35.0	4.8	2.7	2.8	3.7	6.3	5.9	25.7	32
Iowa	2,914	2,839	42	5.5	2.1	1.2	1.0	2.1	2.3	2.5	16.2	26
Mo	4,917	4,346	514	12.3	4.3	4.0	2.6	4.1	3.5	3.2	22.8	52
N. Dak	653	626	3	20.2	.3	.4	.2	.3	.3	.3	2.5	4
S. Dak	691	640	2	45.0	.3	.3	.3	.2	.3	.4	2.3	4
Nebr	1,570	1,490	48	9.2	1.1	.9	1.4	.9	1.0	1.4	15.1	28
Kans	2,364	2,168	126	15.4	2.4	1.7	1.6	2.4	2.6	3.7	39.6	63
So. Atl	**36,959**	**28,659**	**7,652**	**118.7**	**50.5**	**56.5**	**25.1**	**46.2**	**44.7**	**28.5**	**277.5**	**1,194**
Del	594	488	96	1.3	1.0	.8	.4	1.1	.5	.2	5.3	10
Md	4,217	3,159	958	8.0	14.5	11.0	4.8	13.7	15.1	4.1	28.8	65
D.C	638	172	449	1.0	2.5	1.3	.8	1.0	.3	.5	10.3	18
Va	5,347	4,230	1,009	9.5	9.4	18.9	5.2	8.5	12.6	10.0	34.4	80
W. Va	1,950	1,875	65	1.6	.9	1.3	.4	1.6	.6	.3	3.2	13
N.C	5,882	4,458	1,319	64.7	3.2	2.5	3.2	4.7	3.6	2.4	21.2	57
S.C	3,122	2,147	949	5.8	1.4	3.7	1.4	2.2	1.4	1.1	9.1	33
Ga	5,463	3,947	1,465	7.6	4.3	2.8	3.4	4.3	6.0	2.3	20.1	61
Fla	9,746	8,185	1,343	19.3	13.4	14.2	5.6	9.1	4.7	7.6	145.2	858
E. So. Cent	**14,666**	**11,702**	**2,869**	**22.5**	**7.6**	**5.8**	**4.8**	**8.6**	**6.7**	**5.1**	**34.2**	**120**
Ky	3,661	3,379	259	3.6	1.3	1.4	1.1	2.2	2.1	1.1	9.4	27
Tenn	4,591	3,835	726	5.1	2.9	1.9	1.7	3.2	2.2	1.4	11.3	34
Ala	3,894	2,873	996	7.6	1.5	1.0	1.4	2.0	1.8	1.3	8.4	33
Miss	2,521	1,615	887	6.2	1.8	1.4	.7	1.2	.6	1.3	5.1	25
W. So. Cent	**23,747**	**18,599**	**3,527**	**231.0**	**32.5**	**20.3**	**14.7**	**28.8**	**19.0**	**46.7**	**1,228.1**	**3,160**
Ark	2,286	1,890	374	9.4	1.3	.9	.8	.8	.6	2.1	6.5	18
La	4,206	2,912	1,238	12.1	3.3	2.6	1.5	2.9	1.7	10.9	20.5	99
Okla	3,025	2,598	205	169.5	2.5	1.7	2.0	2.9	2.7	4.7	37.0	57
Tex	14,229	11,198	1,710	40.1	25.5	15.1	10.5	22.2	14.0	29.1	1,164.1	2,986
Mt	**11,373**	**9,961**	**269**	**364.4**	**19.5**	**13.8**	**27.0**	**7.3**	**13.0**	**11.1**	**686.9**	**1,443**
Mont	787	740	2	37.3	.3	.5	.8	.2	.3	.3	5.2	10
Idaho	944	902	3	10.5	.9	.7	2.6	.3	.6	.4	23.5	37
Wyo	470	446	3	7.1	.4	.3	.6	.2	.2	.2	10.8	24
Colo	2,890	2,571	102	18.1	3.9	2.9	9.9	2.3	5.3	4.0	170.4	340
N. Mex	1,303	978	24	106.1	1.4	1.2	1.3	.8	.7	1.0	188.7	477
Ariz	2,718	2,241	75	152.7	6.8	3.3	4.1	2.1	2.4	1.9	229.0	441
Utah	1,461	1,383	9	19.3	2.7	.9	5.5	.8	1.3	2.1	36.6	60
Nev	800	700	51	13.3	3.0	4.1	2.3	.6	2.1	1.1	22.7	54
Pac	**31,800**	**24,929**	**1,993**	**356.4**	**405.3**	**523.2**	**538.0**	**64.7**	**140.9**	**108.8**	**2,740.5**	**4,811**
Wash	4,132	3,779	106	60.8	18.1	24.4	26.4	4.0	13.1	9.8	90.8	120
Oreg	2,633	2,491	37	27.3	8.0	4.3	8.4	1.9	4.4	5.6	45.5	66
Calif	23,668	18,031	1,819	201.4	322.3	357.5	261.8	57.9	103.8	89.6	2,423.4	4,544
Alaska	402	310	14	64.1	.5	3.1	1.6	.2	1.5	.4	7.0	10
Hawaii	965	319	17	2.8	56.3	133.9	239.7	.6	18.0	3.5	173.8	71

[1] Includes Eskimo and Aleut. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1, chapter B (PC 80-1-B).

No. 38. Resident Population, by Race, Spanish Origin, and Sex—States: 1980

[In thousands. As of April 1. See also *Historical Statistics, Colonial Times to 1970*, series A 197-200]

Division and State	White		Black		Spanish origin [1]	
	Male	Female	Male	Female	Male	Female
U.S.	**91,685**	**96,686**	**12,519**	**13,976**	**7,280**	**7,329**
N.E	**5,558**	**6,028**	**225**	**249**	**146**	**153**
Maine	539	571	2	1	3	2
N.H	443	467	2	2	3	3
Vt	247	260	1	(Z)	2	2
Mass	2,551	2,812	105	116	68	73
R.I	427	470	13	14	10	10
Conn	1,352	1,448	102	115	61	64
M.A	**14,738**	**16,003**	**2,009**	**2,365**	**1,098**	**1,207**
N.Y	6,671	7,290	1,094	1,308	783	876
N.J	2,950	3,178	431	494	239	253
Pa	5,117	5,535	484	563	77	77
E.N.C	**17,601**	**18,550**	**2,141**	**2,407**	**550**	**518**
Ohio	4,650	4,948	506	571	60	60
Ind	2,434	2,571	197	218	44	43
Ill	4,488	4,745	782	893	332	304
Mich	3,852	4,021	569	630	82	81
Wis	2,178	2,265	87	95	33	30
W.N.C	**7,818**	**8,226**	**379**	**410**	**106**	**102**
Minn	1,928	2,008	27	26	16	16
Iowa	1,379	1,460	21	21	13	13
Mo	2,097	2,249	241	274	26	26
N. Dak	315	311	2	1	2	2
S. Dak	315	324	1	1	2	2
Nebr	727	764	23	25	14	14
Kans	1,058	1,110	63	63	33	30
S.A	**13,937**	**14,722**	**3,618**	**4,034**	**582**	**612**
Del	236	252	45	51	5	5
Md	1,540	1,619	454	504	32	33
D.C	80	92	207	242	8	10
S.A.—Con.						
Va	2,080	2,150	484	524	40	40
W. Va	910	965	30	35	6	6
N.C	2,177	2,281	626	693	30	27
S.C	1,057	1,090	448	501	17	16
Ga	1,929	2,019	686	779	31	30
Fla	3,928	4,256	637	706	414	444
E.S.C	**5,699**	**6,003**	**1,345**	**1,524**	**60**	**60**
Ky	1,651	1,728	126	133	14	13
Tenn	1,862	1,973	339	387	17	17
Ala	1,397	1,476	463	533	16	17
Miss	789	827	416	471	12	13
W.S.C	**9,122**	**9,477**	**1,678**	**1,849**	**1,575**	**1,586**
Ark	919	971	175	199	9	9
La	1,431	1,481	581	658	49	50
Okla	1,266	1,331	99	105	30	28
Tex	5,505	5,693	823	887	1,487	1,499
Mt	**4,939**	**5,022**	**139**	**130**	**723**	**719**
Mont	369	371	1	1	5	5
Idaho	446	453	2	1	20	16
Wyo	229	218	2	1	13	12
Colo	1,273	1,298	52	50	170	169
N. Mex	482	496	13	11	236	241
Ariz	1,099	1,142	39	36	220	220
Utah	684	698	5	4	31	30
Nev	355	346	26	25	28	26
Pac	**12,274**	**12,655**	**986**	**1,007**	**2,440**	**2,371**
Wash	1,871	1,909	57	48	64	57
Oreg	1,223	1,268	19	18	35	30
Calif	8,844	9,187	890	929	2,299	2,245
Alaska	166	144	8	6	5	4
Hawaii	171	148	12	6	37	35

Z Fewer than 500. [1] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. I, chapter B (PC 80-1-B).

No. 39. Social and Economic Characteristics of the White Population: 1982

[See headnote, table 40]

Characteristic	Number (1,000)		Percent distribution	
	Total	White	Total	White
Total persons	**227,375**	**194,647**	**100.0**	**100.0**
Under 5 years	17,208	13,946	7.6	7.2
5-14 years	33,981	27,824	14.9	14.3
15-49 years	117,753	100,546	51.8	51.7
50-64 years	33,202	29,540	14.6	15.2
65 years and over	25,232	22,791	11.1	11.7
YEARS OF SCHOOL COMPLETED				
Persons 25 yrs. old and over	135,526	118,792	100.0	100.0
Elementary: 0-8 years	21,351	17,410	15.8	14.7
High school:				
1-3 years	18,006	14,928	13.3	12.6
4 years	51,426	46,103	37.9	38.8
College:				
1-3 years	20,692	18,375	15.3	15.5
4 years or more	24,050	21,977	17.7	18.5
LABOR FORCE STATUS				
Persons 16 yrs. old and over	174,451	151,105	100.0	100.0
In labor force	112,384	97,807	64.4	64.7
Armed Forces	2,179	1,664	1.2	1.1
Civilian labor force	110,204	96,143	63.2	63.6
Employed	99,526	87,903	57.1	58.2
Unemployed	10,678	8,241	6.1	5.5
Not in labor force	62,067	53,298	35.6	35.3
FAMILY TYPE				
Total families	**61,019**	**53,269**	**100.0**	**100.0**
With own children [1]	31,012	26,237	50.8	49.3
Married couple	49,630	45,007	81.3	84.5
With own children [1]	24,465	21,744	40.1	40.8
Female householder [2]	9,403	6,620	15.4	12.4
With own children [1]	5,868	3,926	9.6	7.4
Male householder [2]	1,985	1,642	3.3	3.1
With own children [1]	679	566	1.1	1.1
FAMILY INCOME, 1981				
Total families	**61,019**	**53,269**	**100.0**	**100.0**
Less than $5,000	3,549	2,399	5.8	4.5
$5,000-$9,999	7,003	5,452	11.5	10.2
$10,000-$14,999	8,264	7,007	13.5	13.2
$15,000-$24,999	15,328	13,615	25.2	25.6
$25,000-$49,999	21,444	19,628	35.1	36.8
$50,000 or more	5,432	5,168	8.9	9.7
Median income (dol.) [3]	22,388	23,517	(X)	(X)
Persons below poverty level [4]	31,822	21,553	14.0	11.1
HOUSING TENURE				
Total occupied units	83,527	72,845	100.0	100.0
Owner-occupied	56,317	51,110	67.4	70.2
Renter-occupied	27,210	21,735	32.6	29.8

X Not applicable. [1] Children under 18 years old. [2] With no spouse present. [3] For definition of median, see Guide to Tabular Presentation. [4] For explanation of poverty level, see text, p. 447.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 134, and series P-20, No. 381 and unpublished data.

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No. 40. Social and Economic Characteristics of the Black Population: 1982

[As of **March.** Based on Current Population Survey, which covers civilian noninstitutional population and members of Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. See text, p. 2, and Appendix III]

Characteristic	Number (1,000)		Percent distribution	
	Total	Black	Total	Black
Total persons	**227,375**	**26,896**	**100.0**	**100.0**
Age:				
Under 5 years	17,208	2,705	7.6	10.1
5–14 years	33,981	5,066	14.9	18.8
15–49 years	117,753	13,981	51.8	52.0
50–64 years	*33,202*	*3,040*	*14.6*	*11.3*
65 years and over	25,232	2,102	11.1	7.8
Years of school completed				
Persons 25 and over	135,526	13,599	100.0	100.0
Elementary: 0–8 years	21,351	3,353	15.8	24.7
High school:				
1–3 years	18,006	2,778	13.3	20.4
4 years	51,426	4,425	37.9	32.5
College:				
1–3 years	20,692	1,851	15.3	13.6
4 years or more	24,050	1,193	17.7	8.8
Labor force status				
Persons 16 and over	174,451	19,015	100.0	100.0
In labor force	112,384	11,761	64.4	61.9
Armed Forces	2,179	430	1.2	2.3
Civilian labor force	110,204	11,331	63.2	59.6
Employed	99,526	9,189	57.1	48.3
Unemployed	10,678	2,142	6.1	11.3
Not in labor force	62,067	7,254	35.6	38.1

Characteristic	Number (1,000)		Percent distribution	
	Total	Black	Total	Black
Family type				
Total families	**61,019**	**6,413**	**100.0**	**100.0**
With own children [1]	31,012	3,918	50.8	61.1
Married couple	49,630	3,535	81.3	55.1
With own children [1]	24,465	2,003	40.1	31.2
Female householder [2]	9,403	2,605	15.4	40.6
With own children [1]	*5,868*	*1,821*	*9.6*	*28.4*
Male householder [2]	1,986	273	3.3	4.3
With own children [1]	679	93	1.1	1.5
Family income, **1981**				
Total families	**61,019**	**6,413**	**100.0**	**100.0**
Less than $5,000	3,549	1,069	5.8	16.7
$5,000–$9,999	7,003	1,389	11.5	21.7
$10,000–$14,999	8,264	1,060	13.5	16.5
$15,000–$24,999	15,328	1,413	25.1	22.0
$25,000–$49,999	21,444	1,346	35.1	21.0
$50,000 or more	5,432	137	8.9	2.1
Median income (dol.) [3]	22,388	13,267	(x)	(x)
Persons below poverty level [4]	31,822	9,173	14.0	34.2
Housing tenure				
Total occupied units	83,527	8,961	100.0	100.0
Owner-occupied	56,317	4,230	67.4	47.2
Renter-occupied	27,210	4,731	32.6	52.8

X Not applicable. [1] Children under 18 years old. [2] With no spouse present. [3] For definition of median, see Guide to Tabular Presentation. [4] For explanation of poverty level, see text, p. 447.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 134 and P-20, No. 381 and unpublished data.

No. 41. Black Population, by Age—States: 1980

[**In thousands.** As of **April 1.** For composition of regions, see fig. I, inside front cover. Enumerated resident population. Excludes *Armed Forces overseas. For State totals, see table 37*]

Division and state	Under 5 years	5–14 years	15–24 years	25–44 years	45–64 years	65 yr. and over
U.S.	**2,436**	**5,164**	**5,710**	**6,919**	**4,179**	**2,087**
Regions:						
Northeast	408	909	989	1,351	848	343
No. Cent.	508	1,077	1,128	1,388	857	378
South	1,320	2,769	3,080	3,518	2,131	1,229
West	199	409	512	662	343	137
N.E	**42**	**95**	**106**	**135**	**70**	**26**
Maine	(z)	1	1	1	(z)	(z)
N.H	(z)	1	1	1	(z)	(z)
Vt	(z)	(z)	(z)	(z)	(z)	(z)
Mass	19	43	50	64	32	13
R.I	3	5	6	7	4	2
Conn	20	45	47	61	33	11
M.A	**366**	**814**	**883**	**1,215**	**778**	**317**
N.Y	204	439	478	691	427	164
N.J	80	187	190	257	153	58
Pa	82	189	214	267	198	96
E.N.C	**432**	**922**	**951**	**1,190**	**739**	**314**
Ohio	97	203	223	277	193	84
Ind	42	83	90	105	66	30
Ill	163	343	356	441	263	109
Mich	111	251	242	319	195	83
Wis	20	43	41	49	22	7
W.N.C	**77**	**154**	**177**	**198**	**118**	**64**
Minn	6	11	11	16	7	3
Iowa	5	8	10	11	6	3
Mo	48	100	111	128	82	46
N. Dak	(z)	(z)	1	1	(z)	(z)
S. Dak	(z)	(z)	1	1	(z)	(z)
Nebr	5	10	11	12	7	3
Kans	13	23	32	31	17	10
S.A	**681**	**1,483**	**1,671**	**2,008**	**1,194**	**615**
Del	9	19	21	25	15	7
Md	77	160	207	289	149	58
D.C	29	68	92	125	92	43
Va	82	182	222	264	173	87
W. Va	5	11	14	14	12	10
N.C	114	258	296	330	207	114
S.C	90	193	214	235	140	77
Ga	142	296	319	384	205	119
Fla	134	277	286	343	202	101
E.S.C	**286**	**582**	**632**	**647**	**423**	**297**
Ky	24	46	62	61	40	26
Tenn	67	140	160	177	110	71
Ala	98	201	215	224	152	106
Miss	97	194	195	185	121	94
W.S.C	**353**	**703**	**777**	**863**	**514**	**317**
Ark	41	78	79	76	53	46
La	130	254	272	296	179	108
Okla	21	39	48	48	28	20
Tex	160	332	378	443	254	143
Mt	**26**	**51**	**65**	**77**	**35**	**14**
Mont	(z)	(z)	1	1	(z)	(z)
Idaho	(z)	(z)	1	1	(z)	(z)
Wyo	(z)	1	1	1	(z)	(z)
Colo	9	19	25	31	14	5
N. Mex	2	5	6	6	3	1
Ariz	7	14	18	20	10	5
Utah	1	1	3	2	1	(z)
Nev	5	11	12	15	6	2
Pac	**173**	**357**	**447**	**585**	**307**	**123**
Wash	10	19	27	30	15	5
Oreg	4	7	8	10	5	2
Calif	156	327	401	535	285	115
Alaska	2	2	4	5	1	(z)
Hawaii	2	2	7	5	1	(z)

Z Fewer than 500.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. I, chapter B (PC80-1-B).

No. 42. Social and Economic Characteristics of the Asian and Pacific Islander Population: 1980

[As of **April 1.** Based on a sample from the 1980 Census of Population, see text, p. 1; and Appendix III]

Characteristic	Number (1,000)		Percent distribution	
	All races	Asian, Pacific Islander	All races	Asian, Pacific Islander
Total persons	**226,546**	**3,726**	**100.0**	**100.0**
Under 5 years	16,298	320	7.2	8.6
5-14 years	34,940	625	15.4	16.8
15-59 years	139,674	2,458	61.7	66.0
60-64 years	10,135	102	4.5	2.7
65 years and over	25,498	222	11.3	5.9
YEARS OF SCHOOL COMPLETED				
Persons 25 years old and over	132,836	2,137	100.0	100.0
Elementary: 0-8 years	24,258	351	18.3	16.4
High school: 1-3 years	20,278	187	15.3	8.8
4 years	45,947	527	34.6	24.7
College: 1-3 years	20,795	368	15.7	17.2
4 years or more	21,558	704	16.2	32.9
LABOR FORCE STATUS				
Persons 16 years old and over	171,214	2,722	100.0	100.0
In labor force	106,085	1,813	62.0	66.6
Armed Forces	1,635	40	1.0	1.5
Civilian labor force	104,450	1,773	61.0	65.1
Employed	97,639	1,689	57.0	62.1
Unemployed	6,810	84	4.0	3.1
Not in labor force	65,130	909	38.0	33.4
FAMILY TYPE				
Total families	**59,190**	**818**	**100.0**	**100.0**
With own children [1]	30,472	507	51.5	62.0
Married couple	48,990	691	82.8	84.4
With own children [1]	24,780	449	41.9	54.9
Female householder [2]	8,205	98	13.9	10.8
With own children [1]	4,932	48	8.3	5.9
Male householder [2]	1,995	39	3.4	4.8
With own children [1]	760	10	1.3	1.2
INCOME, **1979**				
Total families	59,190	818	100.0	100.0
Less than $5,000	4,343	62	7.3	7.6
$5,000-$9,999	7,741	86	13.1	10.5
$10,000-$14,999	8,703	98	14.7	11.9
$15,000-$24,999	17,412	208	29.4	25.4
$25,000-$49,999	17,628	290	29.8	35.5
$50,000 or more	3,362	74	5.7	9.1
Median income (dol.) [3]	19,928	26,456	(X)	(X)
Persons below poverty level [4]	27,383	476	12.4	13.1
HOUSING TENURE				
Total occupied units	80,390	1,053	100.0	100.0
Owner-occupied	51,796	542	64.4	51.4
Renter-occupied	28,593	511	35.6	48.6

X Not applicable. [1] Children under 18 years old. [2] With no spouse present. [3] For definition of median, see Guide to Tabular Presentation. [4] For explanation of poverty level, see text, p. 447.

No. 43. Social and Economic Characteristics of the American Indian, Eskimo, and Aleut Population: 1980

[See headnote, table 42]

Characteristic	Number (1,000)		Percent distribution	
	All races	American Indian, Eskimo, Aleut	All races	American Indian, Eskimo, Aleut
Total persons	**226,546**	**1,534**	**100.0**	**100.0**
Under 5 years	16,298	155	7.2	10.1
5-14 years	34,940	320	15.4	20.8
15-59 years	139,674	943	61.7	61.4
60-64 years	10,135	37	4.5	2.4
65 years and over	25,498	80	11.3	5.2
YEARS OF SCHOOL COMPLETED				
Persons 25 years old and over	132,836	715	100.0	100.0
Elementary: 0-8 years	24,258	179	18.3	25.0
High school: 1-3 years	20,278	140	15.3	19.5
4 years	45,947	224	34.6	31.3
College: 1-3 years	20,795	118	15.7	16.5
4 years or more	21,558	55	16.2	7.7
LABOR FORCE STATUS				
Persons 16 years old and over	171,214	1,022	100.0	100.0
In labor force	106,085	599	62.0	58.6
Armed Forces	1,635	14	1.0	1.4
Civilian labor force	104,450	584	61.0	57.2
Employed	97,639	508	57.0	49.6
Unemployed	6,810	77	4.0	7.5
Not in labor force	65,130	424	38.0	41.4
FAMILY TYPE				
Total families	**59,190**	**341**	**100.0**	**100.0**
With own children [1]	30,472	226	51.5	66.1
Married couple	48,990	245	82.8	71.8
With own children [1]	24,780	161	41.9	47.2
Female householder [2]	8,205	77	13.9	22.7
With own children [1]	4,932	55	8.3	16.0
Male householder [2]	1,995	19	3.4	5.5
With own children [1]	760	10	1.3	2.9
INCOME, **1979**				
Total families	59,190	341	100.0	100.0
Less than $5,000	4,343	55	7.3	16.0
$5,000-$9,999	7,741	70	13.1	20.4
$10,000-$14,999	8,703	60	14.7	17.6
$15,000-$24,999	17,412	87	29.4	25.7
$25,000-$49,999	17,628	62	29.8	18.1
$50,000 or more	3,362	8	5.7	2.3
Median income (dol.) [3]	19,928	16,672	(X)	(X)
Persons below poverty level [4]	27,383	408	12.4	27.5
HOUSING TENURE				
Total occupied units	80,390	444	100.0	100.0
Owner-occupied	51,796	233	64.4	52.5
Renter-occupied	28,593	211	35.6	47.5

X Not applicable. [1] Children under 18 years old. [2] With no spouse present. [3] For definition of median, see Guide to Tabular Presentation. [4] For explanation of poverty level, see text, p. 447.

Source of tables 42 and 43: U.S. Bureau of the Census, unpublished data.

NO. 44. POPULATION OF SPANISH ORIGIN, BY AGE AND TYPE OF SPANISH ORIGIN—STATES: 1980

[In thousands. As of April 1. See also headnote, table 41]

REGION, DIVISION AND STATE	Total	AGE						TYPE OF SPANISH ORIGIN			
		Under 5 years	5-14 years	15-24 years	25-44 years	45-64 years	65 yr. and over	Mexican	Puerto Rican	Cuban	Other Spanish
U.S.	**14,609**	**1,663**	**3,012**	**3,192**	**4,071**	**1,961**	**709**	**8,740**	**2,014**	**803**	**3,051**
Regions:											
Northeast	2,604	276	527	531	776	377	116	88	1,494	177	846
No. Central	1,277	165	275	289	351	151	46	820	206	34	217
South	4,474	468	911	958	1,190	660	287	3,097	180	521	676
West	6,254	754	1,299	1,414	1,753	773	260	4,736	134	71	1,312
N. Eng.	**299**	**37**	**68**	**66**	**83**	**33**	**11**	**17**	**172**	**13**	**97**
Maine	5	1	1	1	1	1	(Z)	2	1	(Z)	3
N.H	6	1	1	1	2	1	(Z)	1	1	(Z)	3
Vt	3	(Z)	1	1	1	(Z)	(Z)	1	(Z)	(Z)	2
Mass	141	18	32	32	39	15	5	7	76	7	51
R.I	20	2	4	4	6	3	1	1	5	1	13
Conn	124	16	29	27	35	14	4	4	88	6	26
Mid. Atl	**2,305**	**239**	**458**	**465**	**693**	**344**	**105**	**71**	**1,322**	**163**	**749**
N.Y	1,659	170	322	333	505	253	77	39	986	77	557
N.J	492	51	101	99	147	72	21	13	244	81	154
Pa	154	18	35	33	41	19	8	19	92	6	37
E. No. Cent	**1,068**	**138**	**231**	**240**	**298**	**126**	**35**	**673**	**197**	**29**	**169**
Ohio	120	14	26	26	31	17	6	53	32	3	31
Ind	87	11	19	19	22	12	4	58	13	2	15
Ill	636	84	134	144	186	71	17	408	129	19	79
Mich	162	20	38	36	42	20	7	112	12	4	34
Wis	63	9	14	15	16	6	2	41	10	1	10
W. No. Cent	**209**	**27**	**44**	**48**	**54**	**25**	**10**	**148**	**9**	**4**	**48**
Minn	32	5	7	7	9	3	1	20	2	1	9
Iowa	26	3	6	6	6	3	1	18	1	(Z)	6
Mo	52	5	10	12	13	7	4	32	3	2	16
N. Dak	4	1	1	1	1	(Z)	(Z)	2	(Z)	(Z)	1
S. Dak	4	1	1	1	1	(Z)	(Z)	2	(Z)	(Z)	1
Nebr	28	4	6	6	7	3	1	22	1	(Z)	5
Kans	63	9	13	15	16	7	3	50	3	1	10
So. Atl	**1,194**	**85**	**162**	**242**	**332**	**238**	**115**	**200**	**140**	**493**	**361**
Del	10	1	2	2	3	1	(Z)	2	5	1	3
Md	65	6	12	14	21	10	3	12	9	5	38
D.C	18	1	2	4	7	3	1	3	1	1	12
Va	80	7	14	18	26	11	4	24	10	5	41
W. Va	13	1	2	2	3	2	1	6	1	(Z)	5
N.C	57	5	10	16	15	8	4	28	7	3	18
S.C	33	3	6	9	9	5	2	18	4	2	10
Ga	61	6	11	15	17	8	4	28	8	6	20
Fla	858	54	124	161	233	191	96	79	95	470	214
E. So. Cent	**120**	**11**	**22**	**28**	**29**	**18**	**11**	**66**	**9**	**5**	**40**
Ky	27	2	5	7	7	4	2	14	3	1	10
Tenn	34	3	6	8	9	6	3	19	2	2	12
Ala	33	3	6	8	8	5	3	19	2	2	11
Miss	25	2	5	6	6	3	2	15	1	1	8
W. So. Cent	**3,160**	**371**	**707**	**689**	**829**	**403**	**161**	**2,831**	**31**	**24**	**275**
Ark	18	2	4	4	4	2	1	11	1	1	6
La	99	9	18	22	27	16	7	29	5	8	58
Okla	57	8	12	14	15	6	2	39	3	1	15
Tex	2,986	352	673	648	783	379	150	2,752	23	14	196
Mt	**1,443**	**170**	**310**	**321**	**384**	**186**	**72**	**959**	**14**	**7**	**463**
Mont	10	1	2	2	3	1	(Z)	6	(Z)	(Z)	3
Idaho	37	5	8	9	9	3	1	28	(Z)	(Z)	8
Wyo	24	3	5	5	7	3	1	16	(Z)	(Z)	8
Colo	340	39	73	76	94	42	16	207	4	1	127
N. Mex	477	51	99	105	125	67	30	234	2	1	241
Ariz	441	55	99	97	115	56	20	396	4	1	39
Utah	60	9	14	14	15	6	2	38	1	(Z)	21
Nev	54	6	10	12	16	7	2	33	2	4	16
Pac	**4,811**	**584**	**989**	**1,093**	**1,369**	**587**	**188**	**3,777**	**120**	**64**	**850**
Wash	120	17	26	29	33	11	3	81	5	1	33
Oreg	66	9	14	16	19	6	2	45	2	1	18
Calif	4,544	547	932	1,029	1,295	561	180	3,637	93	61	753
Alaska	10	1	2	2	3	1	(Z)	5	1	(Z)	4
Hawaii	71	10	15	17	19	8	3	9	19	(Z)	43

Z Fewer than 500.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. I, chapter B (PC80-1-B).

No. 45. Spanish-Origin Population, by Age and Sex: 1980

[In thousands, except percent. As of April 1. Persons of Spanish origin may be of any race]

ITEM	Total, all years	Under 5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35–39 years	40–44 years	45–49 years	50–54 years	55–59 years	60–64 years	65 years and over
Total	**14,609**	**1,663**	**1,537**	**1,475**	**1,606**	**1,586**	**1,376**	**1,129**	**864**	**712**	**622**	**564**	**454**	**321**	**709**
Male	7,280	848	783	747	827	819	697	558	416	345	300	270	217	147	305
Female	7,329	815	754	728	780	767	679	570	438	367	321	294	237	174	404
PERCENT DISTRIBUTION															
Total	**100.0**	**11.4**	**10.5**	**10.1**	**11.0**	**10.9**	**9.4**	**7.7**	**5.8**	**4.9**	**4.3**	**3.9**	**3.1**	**2.2**	**4.9**
Male	100.0	11.6	10.8	10.3	11.4	11.3	9.6	7.7	5.7	4.7	4.1	3.7	3.0	2.0	4.2
Female	100.0	11.1	10.3	9.9	10.6	10.5	9.3	7.8	6.0	5.0	4.4	4.0	3.2	2.4	5.5

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. I, chapter B (PC80-1-B).

No. 46. Social and Economic Characteristics of the Spanish-Origin Population: 1982

[As of **March**. Persons of Spanish origin may be of any race. Based on Current Population Survey, which includes members of Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. See text, p. 2, and Appendix III]

CHARACTERISTIC	NUMBER (1,000)					PERCENT DISTRIBUTION				
	All persons	Persons of Spanish origin				All persons	Persons of Spanish origin			
		Total	Mexican	Puerto Rican	Other		Total	Mexican	Puerto Rican	Other
Persons under 5 years	17,209	1,557	1,079	208	270	7.6	11.1	12.2	11.0	6.1
Persons 18–64 years	139,477	8,084	4,926	1,052	2,106	61.3	57.6	55.8	55.7	63.3
Persons 65 years old and over	25,231	568	287	52	230	11.1	4.0	3.2	2.8	6.9
YEARS OF SCHOOL COMPLETED										
Persons 25 years and over	135,526	6,647	3,885	852	1,910	100.0	100.0	100.0	100.0	100.0
Elementary: 0–8 years	21,351	2,695	1,784	335	577	15.7	40.6	45.9	39.4	30.2
High school: 1–3 years	18,006	898	515	157	226	13.3	13.5	13.3	18.5	11.8
4 years	51,426	1,809	986	224	599	37.9	27.2	25.4	26.3	31.4
College: 1–3 years	20,692	727	367	91	268	15.3	10.9	9.5	10.7	14.0
4 years or more	24,050	518	233	44	241	17.7	7.8	6.0	5.1	12.6
LABOR FORCE STATUS										
Persons 16 years old and over	172,537	9,257	5,578	1,213	2,465	100.0	100.0	100.0	100.0	100.0
In civilian labor force	108,762	5,916	3,702	623	1,591	63.0	63.9	66.4	51.4	64.5
Employed	98,208	5,124	3,208	516	1,400	56.9	55.4	57.5	42.5	56.8
Unemployed	10,554	792	494	108	190	6.1	8.6	8.9	8.9	7.7
FAMILY TYPE										
Total families	61,019	3,305	1,971	486	848	100.0	100.0	100.0	100.0	100.0
With own children [1]	31,012	2,272	1,408	365	499	50.8	68.7	71.4	75.1	58.8
Married couple	49,630	2,414	1,542	247	625	81.3	73.0	78.2	50.8	73.7
With own children [1]	24,465	1,676	1,136	175	365	40.1	50.7	57.6	36.0	43.0
Female householder [2]	9,403	750	348	217	185	15.4	22.7	17.7	44.7	21.8
With own children [1]	5,868	553	253	180	120	9.6	16.7	12.8	37.0	14.2
Male householder [2]	1,986	142	81	22	36	3.3	4.3	4.1	4.5	4.5
With own children [1]	679	44	19	11	14	1.1	1.3	1.0	2.3	1.7
FAMILY INCOME, 1981										
Total families	61,019	3,305	1,971	486	848	100.0	100.0	100.0	100.0	100.0
Less than $5,000	3,549	331	164	100	68	5.8	10.0	8.3	20.5	8.0
$5,000–$9,999	7,003	592	330	126	135	11.5	17.9	16.8	26.0	16.0
$10,000–$14,999	8,264	581	361	67	154	13.6	17.6	18.4	13.7	18.1
$15,000–$24,999	15,328	897	552	118	226	25.1	27.1	28.0	24.5	26.7
$25,000–$49,999	21,444	789	509	66	213	35.2	24.0	26.0	13.7	25.1
$50,000 or more	5,432	115	55	7	52	8.9	3.5	2.8	1.5	6.1
Median income (dol.) [3]	22,388	16,402	16,933	11,256	17,914	(X)	(X)	(X)	(X)	(X)
Persons below poverty level [4]	31,822	3,713	2,245	807	662	14.0	26.5	25.5	42.8	19.9
HOUSEHOLDS BY TENURE										
Total occupied units	83,527	3,980	(NA)	(NA)	(NA)	100.0	100.0	(NA)	(NA)	(NA)
Owner-occupied	56,317	1,852	(NA)	(NA)	(NA)	67.4	46.5	(NA)	(NA)	(NA)
Renter-occupied	27,210	2,128	(NA)	(NA)	(NA)	32.6	53.5	(NA)	(NA)	(NA)

NA Not available. X Not applicable. [1] Children under 18 years old. [2] With no spouse present. [3] For definition of median, see Guide to Tabular Presentation. [4] For explanation of poverty level, see text, p. 447.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 381 and series P-60, No. 137; and unpublished data.

No. 47. Native Population, by Place of Birth: 1900 to 1980

[**In thousands, except percent.** 1950 based on *20-percent sample*; 1960 *on 25-percent sample*; 1970 on 15-percent sample. See source for sampling variability. 1980 data are based on a sample from the 1980 census; see text, p. 1. See also *Historical Statistics, Colonial Times to 1970*, series C 1–10]

YEAR	Total	Born in State of *residence*	BORN IN OTHER STATES		State of birth not reported	Born in outlying areas [1]	Born abroad or at sea of *American* parents
			Number	Percent			
1900	65,653	51,902	13,501	20.6	180	3	67
1910	78,456	61,185	16,910	21.6	286	7	63
1920	91,790	71,071	20,274	22.1	314	38	93
1930	108,571	82,678	25,388	23.4	238	136	131
1940	120,074	92,610	26,906	22.4	280	157	122
1950	139,869	102,788	35,284	25.2	1,370	330	95
1960	169,588	119,293	44,691	26.4	4,541	660	402
1970	193,591	131,718	50,639	26.2	8,973	891	1,370
1980	212,466	144,871	65,452	30.8	(2)	2,143	

[1] *Through 1950, includes Alaska and Hawaii. Includes Puerto Rico, a U.S. possession from 1898 to 1952 and a commonwealth* since 1952. [2] Place of birth was allocated to those who did not report.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. II, part 2A; *1970*, vol. I, parts C and D; *1980 Census of Population*, vol. 1, chapter C (PC 80-1-C), and unpublished data.

No. 48. Population by Selected Ancestry Group and Region: 1980

[As of **April 1.** Covers persons *who reported single and multiple ancestry groups.* Persons who reported a multiple ancestry group may be included in more than one category. Major classifications of ancestry groups do not represent strict geographic or cultural definitions. The European ancestry groups shown are those with one million or more persons and other groups shown are those with 75,000 or more persons. Based on a sample and subject to sampling variability, see text, pp. 1 and 4 and Appendix III. For composition of regions, see fig. I, inside front cover]

ANCESTRY GROUP	Number (1,000)	PERCENT DISTRIBUTION, BY REGION				ANCESTRY GROUP	Number (1,000)	PERCENT DISTRIBUTION, BY REGION			
		North-east	North Central	South	West			North-east	North Central	South	West
European: [1]						Other—Con.					
English	49,598	16	23	40	21	Chinese	894	25	9	12	55
German	49,224	19	41	22	18	*Filipino*	795	10	11	11	68
Irish	40,166	24	26	32	18	Japanese	791	7	8	9	77
French [2]	12,892	26	27	27	19	Korean	377	18	18	20	43
Italian	12,184	57	16	13	14	Asian Indian	312	35	23	23	19
Scottish	10,049	19	23	35	24	Vietnamese	215	9	14	33	44
Polish	8,228	41	38	11	10	Jamaican	253	70	6	18	5
Dutch	6,304	18	35	26	20	Haitian	90	72	4	21	2
Swedish	4,345	15	43	12	31	Mexican	7,693	1	9	35	55
Norwegian	3,454	7	55	7	31	Spanish/Hispanic [4]	2,687	23	8	26	43
Russian [3]	2,781	48	17	16	19	Puerto Rican	1,444	73	11	8	7
Czech	1,892	18	49	18	15	Cuban	598	24	4	63	9
Hungarian	1,777	39	33	13	14	Dominican	171	91	1	6	2
Welsh	1,665	25	27	22	27	Colombian	156	54	7	26	13
Danish	1,518	9	38	10	43	*Spaniard*	95	36	6	36	22
Portuguese	1,024	50	3	6	41	Ecuadoran	88	64	7	11	18
Other:						Salvadoran	85	13	3	9	75
Lebanese	295	31	27	26	16	Hawaiian	202	2	3	6	89
Armenian	213	39	14	5	42	American Indian	6,716	9	24	44	24
Iranian	123	17	15	26	42	French Canadian	780	47	23	13	17
Syrian	107	47	20	18	15	Canadian	456	42	19	15	23
Arab/Arabian [4]	93	19	29	21	30						
Afro-American	20,965	17	22	53	9						
African [4]	204	33	19	33	15						

[1] Excludes Spaniard. [2] Excludes French Basque. [3] Represents persons who reported as "Russian", "Great Russian", "Georgian", and other related European or Asian groups. Excludes Ukrainian, Ruthenian, Belorussian and some other distinct ethnic groups. See source for further information. [4] Represents a general type of response which may encompass several ancestry *groups.*

Source: U.S. Bureau of the Census, *1980 Census of Population, Supplementary Report*, series PC80-S1-10.

NO. 49. CURRENT LANGUAGES OTHER THAN ENGLISH SPOKEN AT HOME: 1980

[Based on a sample and subject to sampling variability, see text, p. 1 and Appendix III]

CURRENT LANGUAGE SPOKEN	PERSONS 5 TO 17 YEARS OLD		PERSONS 18 YRS. OLD AND OVER		CURRENT LANGUAGE SPOKEN	PERSONS 5 TO 17 YEARS OLD		PERSONS 18 YRS. OLD AND OVER	
	Total (1,000)	Difficulty with English [1] (percent)	Total (1,000)	Difficulty with English [1] (percent)		Total (1,000)	Difficulty with English [1] (percent)	Total (1,000)	Difficulty with English [1] (percent)
Total persons	**47,494**	(X)	**162,753**	(X)	Polish	41	5.7	780	10.6
Speaking language other than English	4,568	14.0	18,492	19.4	Chinese	114	20.9	516	31.6
Spanish	2,952	15.4	8,164	27.6	Greek	66	5.2	336	17.0
Italian	147	5.4	1,471	14.0	Philippine languages	63	8.9	411	9.4
French	223	6.8	1,328	7.2	Portuguese	68	10.3	284	31.6
German	192	6.2	1,395	4.7	Japanese	34	18.7	303	19.6
					Korean	60	17.0	207	32.4
					All other	608	14.8	3,298	12.3

X Not applicable. [1] Persons reported as speaking English "not well" or "not at all".

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. I, chapter C (PC80-1-C) and unpublished data.

NO. 50. MARITAL STATUS OF THE POPULATION, BY SEX: 1940 TO 1982

[**In millions, except percent. 1940–1960, persons 14 years old and over; thereafter, 18 and over.** As of **March**, except as noted. Prior to 1960, excludes Alaska and Hawaii. Beginning 1950, based on Current Population Survey and excludes Armed Forces except those living off post or with their families on post; see text, p. 1. See *Historical Statistics, Colonial Times to 1970*, series A 160-171, for decennial data]

MARITAL STATUS AND SEX	1940 [1]	1950	1960	1965	1970	1975	1977	1978	1979	1980 [2]	1981	1982
Total	**101.1**	**111.7**	**125.5**	**121.8**	**132.5**	**143.2**	**148.3**	**150.7**	**153.3**	**159.5**	**162.1**	**164.7**
Single	31.5	25.5	27.7	18.2	21.4	25.1	27.5	29.1	30.6	32.3	33.2	34.4
Married	60.3	74.9	84.4	89.2	95.0	99.7	100.8	101.0	101.5	104.6	105.3	106.2
Widowed	7.8	9.3	10.6	10.9	11.8	11.9	11.9	12.0	12.4	12.7	12.8	12.7
Divorced	1.4	2.1	2.9	3.5	4.3	6.5	8.0	8.6	8.8	9.9	10.8	11.5
Percent of total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Single	31.2	22.8	22.0	14.9	16.2	17.5	18.5	19.3	20.0	20.3	20.5	20.9
Married	59.6	67.0	67.3	73.2	71.7	69.6	68.0	67.0	66.2	65.5	64.9	64.5
Widowed	7.8	8.3	8.4	9.0	8.9	8.3	8.0	8.0	8.1	8.0	7.9	7.7
Divorced	1.4	1.9	2.3	2.9	3.2	4.6	5.4	5.7	5.8	6.2	6.7	7.0
Males, total	**50.6**	**54.8**	**60.6**	**58.0**	**62.5**	**67.9**	**70.3**	**71.5**	**72.7**	**75.7**	**76.9**	**78.1**
Single	17.6	14.3	15.4	10.3	11.8	14.1	15.4	16.1	17.0	18.0	18.4	19.1
Married	30.2	37.2	41.8	44.2	47.1	49.4	49.9	50.1	50.3	51.8	52.1	52.5
Widowed	2.1	2.3	2.3	2.1	2.1	1.8	1.9	1.9	1.9	2.0	1.9	1.9
Divorced	.6	.9	1.1	1.4	1.6	2.5	3.2	3.4	3.5	3.9	4.4	4.6
Percent of total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Single	34.8	26.2	25.3	17.7	18.9	20.8	21.9	22.5	23.3	23.8	23.9	24.5
Married	59.7	68.0	69.1	76.2	75.3	72.8	70.9	70.1	69.2	68.4	67.8	67.2
Widowed	4.2	4.2	3.7	3.7	3.3	2.7	2.7	2.7	2.7	2.6	2.5	2.4
Divorced	1.2	1.7	1.9	2.5	2.5	3.7	4.5	4.7	4.8	5.2	5.7	5.9
Percent standardized for age: [3]												
Single	30.7	26.2	25.3	16.4	16.5	16.6	17.2	17.9	18.6	18.7	18.9	19.5
Married	62.6	67.4	69.1	77.5	77.6	76.6	75.1	74.3	73.5	72.9	72.3	71.7
Widowed	5.4	4.7	3.7	3.6	3.3	2.8	2.8	2.8	2.8	2.7	2.7	2.5
Divorced	1.3	1.7	1.9	2.5	2.6	4.0	4.8	5.0	5.1	5.6	6.2	6.4
Females, total	**50.5**	**57.0**	**64.9**	**63.8**	**70.0**	**75.3**	**77.9**	**79.3**	**80.6**	**83.8**	**85.2**	**86.6**
Single	13.9	11.1	12.3	7.9	9.6	11.0	12.2	13.0	13.6	14.3	14.8	15.3
Married	30.1	37.6	42.6	45.0	47.9	50.3	50.9	50.9	51.2	52.8	53.2	53.6
Widowed	5.7	7.0	8.3	8.8	9.7	10.1	10.0	10.1	10.4	10.8	10.8	10.8
Divorced	.8	1.2	1.7	2.1	2.7	4.0	4.9	5.3	5.4	6.0	6.4	6.9
Percent of total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Single	27.6	19.6	19.0	12.4	13.7	14.6	15.6	16.4	16.9	17.1	17.4	17.6
Married	59.5	66.1	65.6	70.5	68.5	66.7	65.3	64.2	63.5	63.0	62.4	61.9
Widowed	11.3	12.2	12.8	13.8	13.9	13.4	12.9	12.7	13.0	12.8	12.7	12.5
Divorced	1.6	2.2	2.6	3.3	3.9	5.3	6.2	6.6	6.6	7.1	7.6	8.0
Percent standardized for age: [3]												
Single	24.2	20.0	19.0	11.6	12.1	12.4	13.1	13.8	14.3	14.5	14.8	15.1
Married	69.3	63.9	65.6	71.8	70.8	69.2	68.0	67.0	66.3	65.9	65.3	64.7
Widowed	14.8	14.0	12.8	13.3	13.0	12.8	12.2	12.1	12.3	12.1	11.9	11.6
Divorced	1.6	2.1	2.6	3.3	4.1	5.6	6.7	7.1	7.1	7.6	8.1	8.5

[1] As of April. [2] Population controls based on 1980 census; see text, p. 2. [3] 1960 age distribution used as standard; standardization improves comparability over time by removing effects of changes in age distribution of population.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1950*, vol. II, part 1, and *Current Population Reports*, series P-20, No. 360, and earlier reports.

No. 51. Marital Status of the Population, by Sex and Age: 1982

[**Persons 18 years old and over.** As of **March.** Based on Current Population Survey, which includes members of Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. See text, p. 2 and Appendix III. See *Historical Statistics, Colonial Times to 1970,* series A 160-171, for decennial census data]

Sex and age	Number of persons (1,000)					Percent distribution				
	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
Male	**78,132**	**19,125**	**52,543**	**1,860**	**4,605**	**100.0**	**24.5**	**67.2**	**2.4**	**5.9**
18-19 years	4,005	3,801	198	-	5	100.0	94.9	4.9	-	.1
20-24 years	10,363	7,458	2,769	1	134	100.0	72.0	26.7	-	1.3
25-29 years	9,968	3,594	5,769	3	603	100.0	36.1	57.9	-	6.0
30-34 years	9,122	1,581	6,692	11	838	100.0	17.3	73.4	.1	9.2
35-44 years	13,404	1,186	10,911	44	1,264	100.0	8.8	81.4	.3	9.4
45-54 years	10,761	584	9,132	166	878	100.0	5.4	84.9	1.5	8.2
55-64 years	10,196	472	8,819	355	553	100.0	4.6	86.5	3.5	5.4
65-74 years	6,770	331	5,686	510	244	100.0	4.9	84.0	7.5	3.6
75 years and over	3,540	118	2,568	770	86	100.0	3.3	72.5	21.8	2.4
Female	**86,576**	**15,262**	**53,625**	**10,795**	**6,895**	**100.0**	**17.6**	**61.9**	**12.5**	**8.0**
18-19 years	4,099	3,480	592	-	27	100.0	84.9	14.4	-	.7
20-24 years	10,716	5,725	4,600	14	375	100.0	53.4	42.9	.1	3.5
25-29 years	10,224	2,392	6,886	50	897	100.0	23.4	67.4	.5	8.8
30-34 years	9,390	1,087	7,100	69	1,135	100.0	11.6	75.6	.7	12.1
35-44 years	13,995	788	11,113	331	1,765	100.0	5.6	79.4	2.4	12.6
45-54 years	11,561	471	9,070	789	1,230	100.0	4.1	78.5	6.8	10.6
55-64 years	11,672	484	8,271	2,019	898	100.0	4.2	70.9	17.3	7.7
65-74 years	8,927	469	4,580	3,419	458	100.0	5.3	51.3	38.3	5.1
75 years and over	5,993	365	1,414	4,104	110	100.0	6.1	23.6	68.5	1.8

- Represents zero or rounds to zero.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 380.

No. 52. Marital Status of the Black and Spanish Origin Population: 1970 to 1982

[Black population: persons 18 years old and over. Spanish origin population: 1970 and 1975, persons 14 years old and over; *thereafter, 18 and over. Except as noted, as of* **March** *and based on Current Population Survey, which includes members of* Armed Forces living off post or with their families on post, but excludes all other members of *Armed Forces*]

Sex and year	Number of persons (1,000)					Percent distribution				
	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
BLACK										
Total: 1970	12,972	2,668	8,310	1,427	567	100.0	20.6	64.1	11.0	4.4
1975	14,262	3,449	8,373	1,521	920	100.0	24.2	58.7	10.7	6.5
1980 [1]	16,638	5,070	8,545	1,627	1,396	100.0	30.5	51.4	9.8	8.4
1981	17,041	5,229	8,601	1,616	1,594	100.0	30.7	50.5	9.5	9.4
1982	*17,460*	*5,584*	*8,713*	*1,600*	*1,563*	*100.0*	*32.0*	*49.9*	*9.2*	*9.0*
Male: 1970	5,898	1,435	3,944	307	212	100.0	24.3	66.9	5.2	3.6
1975	6,368	1,733	3,990	319	327	100.0	27.2	62.7	5.0	5.1
1980 [1]	7,416	2,540	4,051	308	517	100.0	34.3	54.6	4.2	7.0
1981	*7,590*	*2,606*	*4,058*	*309*	*618*	*100.0*	*34.3*	*53.5*	*4.1*	*8.1*
1982	7,786	2,724	4,134	297	631	100.0	35.0	53.1	3.8	8.1
Female: 1970	7,074	1,233	4,366	1,120	355	100.0	17.4	61.7	15.8	5.0
1975	7,894	1,716	4,383	1,202	593	100.0	21.7	55.5	15.2	7.5
1980 [1]	9,222	2,530	4,494	1,319	878	100.0	27.4	48.7	14.3	9.5
1981	9,451	2,623	4,544	1,307	976	100.0	27.8	48.1	13.8	10.3
1982	9,675	2,860	4,579	1,304	932	100.0	29.6	47.3	13.5	9.6
SPANISH ORIGIN [2]										
Total: 1970 [3]	5,872	*1,718*	3,666	287	201	100.0	29.3	62.4	4.9	3.4
1975	7,264	2,293	4,378	298	296	100.0	31.6	60.3	4.1	4.1
1980 [1]	7,888	1,901	5,176	350	460	100.0	23.1	65.6	4.4	5.8
1981	8,323	1,921	5,507	354	541	100.0	23.1	66.2	4.3	6.5
1982	8,652	1,991	5,702	360	600	100.0	23.0	65.9	4.2	6.9
Male: 1970 [3]	2,838	914	1,801	56	67	100.0	32.2	63.5	2.0	2.3
1975	3,520	1,277	2,103	42	98	100.0	36.3	59.7	1.2	2.8
1980 [1]	3,787	1,035	2,541	60	151	100.0	27.3	67.1	1.6	4.0
1981	4,010	1,092	2,669	71	178	100.0	27.2	66.6	1.8	4.4
1982	*4,095*	*1,101*	*2,744*	*51*	*199*	*100.0*	*26.9*	*67.0*	*1.2*	*4.9*
Female: 1970 [3]	3,033	804	1,864	231	134	100.0	26.5	61.5	7.6	4.4
1975	3,744	1,016	2,275	256	198	100.0	27.1	60.8	6.8	5.3
1980 [1]	4,101	865	2,635	291	310	100.0	21.1	64.3	7.1	7.6
1981	*4,313*	*829*	*2,838*	*283*	*363*	*100.0*	*19.2*	*65.8*	*6.6*	*8.4*
1982	4,557	890	2,955	309	401	100.0	19.5	64.8	6.8	8.8

[1] Population controls based on 1980 census, see text, p. 2. [2] Persons of Spanish origin may be of any race. [3] As of April.

Source: U.S. Bureau of the Census, *Census of Population: 1970,* PC(2)1C, *Persons of Spanish Origin; Current Population Reports,* series P-20, No. 380 and earlier issues; and unpublished data.

No. 53. Interracial Married Couples: 1970 to 1982

[**In thousands. 1970,** 14 years old and over; **1980** and **1982,** 15 years old and over. As of **March.** Data for **1980** based on population controls from 1980 census; see text, p. 2. Based on Current Population Survey; see headnote, table 51]

ITEM	1970	1980	1982	ITEM	1970	1980	1982
Total married couples	**44,597**	**49,714**	**50,294**	Other interracial married couples	245	484	542
Interracial married couples	310	651	697	Husband Black	8	20	21
All Black-White married couples	65	167	155	Wife Black	4	14	6
Husband Black, wife White	41	122	108	Husband White	139	287	289
Wife Black, husband White	24	45	47	Wife White	94	163	226

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 77, series P-20, No. 381, and earlier reports.

No. 54. Ever-Married Persons 25–54 Years Old Who Were Divorced or Separated at Time of Survey, by Race, Sex, and Age: 1970 to 1982

[As of **March.** Based on Current Population Survey; see text, p. 2 and Appendix III]

YEAR, SEX, AND AGE	EVER MARRIED (1,000)			PERCENT DIVORCED			PERCENT SEPARATED		
	Total [1]	White	Black	Total [1]	White	Black	Total [1]	White	Black
1970: Male, total	31,304	28,189	2,817	3.3	3.1	5.5	1.8	1.1	9.4
25–34 yr	10,402	9,318	975	3.0	2.9	3.9	1.6	1.2	5.1
35–44 yr	10,518	9,464	953	3.0	2.6	5.8	2.1	1.1	11.6
45–54 yr	10,384	9,407	889	3.9	3.7	6.7	1.9	1.0	11.7
Female, total	34,299	30,401	3,505	5.2	5.0	7.7	3.3	1.8	16.3
25–34 yr	11,590	10,220	1,236	5.0	4.7	6.6	3.8	2.1	17.6
35–44 yr	11,264	9,917	1,188	5.6	5.3	8.8	3.1	1.6	16.3
45–54 yr	11,445	10,264	1,081	5.1	4.9	7.6	3.1	1.9	14.9
1980: [2] Male, total	35,326	31,422	3,062	8.2	7.9	12.6	3.0	2.3	10.4
25–34 yr	13,550	12,021	1,154	8.6	8.6	10.8	3.3	2.7	9.5
35–44 yr	11,505	10,239	1,020	8.8	8.1	16.2	2.9	2.2	10.2
45–54 yr	10,271	9,162	888	7.1	6.7	10.7	2.6	1.7	11.8
Female, total	39,169	34,093	4,066	11.0	10.5	16.5	4.5	2.9	18.7
25–34 yr	15,694	13,650	1,591	11.6	11.2	16.5	5.4	3.6	21.2
35–44 yr	12,271	10,625	1,320	11.5	10.9	17.5	4.5	2.7	19.2
45–54 yr	11,204	9,818	1,155	9.7	9.0	15.5	3.4	2.1	14.8
1982: Male, total	36,310	32,143	3,232	9.9	9.5	15.0	3.0	2.4	9.3
25–34 yr	13,915	12,275	1,268	10.4	10.1	13.6	3.4	3.0	8.1
35–44 yr	12,218	10,837	1,074	10.3	9.8	17.7	2.8	2.1	10.1
45–54 yr	10,177	9,031	890	8.6	8.2	13.6	2.5	1.8	9.8
Female, total	40,432	35,165	4,163	12.4	11.9	17.8	4.9	3.5	17.3
25–34 yr	16,135	14,036	1,637	12.6	12.2	17.3	5.4	4.2	16.9
35–44 yr	13,207	11,442	1,383	13.4	12.9	17.8	5.2	3.6	20.0
45–54 yr	11,090	9,687	1,163	11.1	10.3	18.4	3.8	2.6	14.8

[1] Includes other races not shown separately. [2] Population controls based on 1980 census; see text, p. 2.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 380 and earlier reports.

No. 55. Divorced Persons per 1,000 Married Persons With Spouse Present, by Sex, Race, and Age: 1960 to 1982

[As of **March. 1960–1979,** persons 14 years old and over; beginning **1980,** 15 and over. See headnote, table 51]

YEAR	Total	Male	Female	SEX AND YEAR	RACE		AGE			
					White	Black	15–29 years	30–44 years	45–64 years	65 years and over
1960	35	28	42	Male: 1960	27	[2] 45	[3] 16	25	39	24
1965	41	34	49	1970	32	62	[3] 28	33	40	32
1970	47	35	60	1975	51	96	[3] 51	61	57	32
1975	69	54	84	1980 [1]	74	149	78	104	70	48
1977	84	66	101	1982	86	176	91	125	83	41
1978	90	71	110	Female: 1960	38	[2] 78	[3] 28	41	53	44
1979	92	72	111	1970	56	104	[3] 46	61	66	69
1980 [1]	100	79	120	1975	77	178	[3] 75	93	86	69
1981	109	88	129	1980 [1]	110	258	108	147	112	89
1982	114	92	137	1982	128	265	117	171	129	99

[1] Population controls based on 1980 census; see text, p. 2. [2] Black and other races. [3] 14–29 years.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 380 and earlier reports.

No. 56. Percent Married and Divorced of the Population, 18 Years Old and Over: 1960 to 1982

[As of **March**. Based on Current Population Survey and excludes Armed Forces except those living off post or with their families on post; see text, p. 2 and Appendix III]

SEX AND RACE	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980 [1]	1981	1982
Percent married:												
Male	76.4	76.2	75.3	73.7	72.8	72.2	70.9	70.1	69.2	68.4	67.8	67.2
White	77.3	76.9	76.1	74.9	73.9	73.4	72.3	71.7	70.7	70.0	69.6	69.0
Black and other	68.4	70.2	65.4	63.1	63.5	62.0	60.6	58.4	57.5	56.3	55.2	54.9
Female	71.6	70.5	68.5	67.6	66.7	66.2	65.3	64.2	63.5	63.0	62.4	61.9
White	72.2	70.9	69.3	68.8	68.0	67.6	66.7	65.9	65.2	64.7	64.1	63.7
Black and other	*66.3*	*67.6*	*62.6*	*58.9*	*57.3*	*56.2*	*55.4*	*52.6*	*51.8*	51.6	50.9	50.6
Percent divorced:												
Male	2.0	2.5	2.5	3.5	3.7	4.0	4.5	4.7	4.8	5.2	5.7	5.9
White	2.0	2.4	2.4	3.3	3.6	3.8	4.4	4.5	4.5	5.0	5.5	5.7
Black and other	2.2	3.4	3.4	4.8	4.6	5.5	5.0	6.3	6.6	6.4	7.0	7.2
Female	2.9	3.3	3.9	4.9	5.3	5.7	6.2	6.6	6.6	7.1	7.6	8.0
White	2.7	3.1	3.8	4.7	5.0	5.5	6.0	6.3	6.4	6.8	7.2	7.8
Black and other	4.8	4.5	4.8	6.3	7.1	7.4	8.2	8.8	8.3	8.8	9.6	9.1

[1] Population controls based on 1980 census; see text, p. 2.

No. 57. Single (Never-Married) Persons 18 Years Old and Over as Percent of Total Population, by Age and Sex: 1960 to 1982

[**1960**, as of **April**; thereafter based on Current Population Survey as of **March**. See headnote, table 51]

AGE	MALE					FEMALE				
	1960	1970	1975	1980 [1]	1982	1960	1970	1975	1980 [1]	1982
Total	**17.3**	**18.9**	**20.8**	**23.8**	**24.5**	**11.9**	**13.7**	**14.6**	**17.1**	**17.6**
18 years	94.6	95.1	96.8	97.4	96.7	75.6	82.0	83.7	88.0	88.5
19 years	87.1	89.9	89.3	90.9	92.9	59.7	68.8	71.4	77.6	81.6
20-24 years	53.1	54.7	59.9	68.8	72.0	28.4	35.8	40.3	50.2	53.4
25-29 years	20.8	19.1	22.3	33.1	36.1	10.5	10.5	13.8	20.9	23.4
30-34 years	11.9	9.4	11.1	15.9	17.3	6.9	6.2	7.5	9.5	11.6
35-39 years	8.8	7.2	8.6	7.8	10.0	6.1	5.4	5.0	6.2	6.4
40-44 years	7.3	6.3	7.2	7.1	7.4	6.1	4.9	4.8	4.8	4.7
45-54 years	7.4	7.5	6.3	6.1	5.4	7.0	4.9	4.6	4.7	4.1
55-64 years	8.0	7.8	6.5	5.3	4.6	8.0	6.8	5.1	4.5	4.2
65 years and over	7.7	7.5	4.7	4.9	4.4	8.5	7.7	5.8	5.9	5.6

[1] Population controls based on 1980 census; see text, p. 2.

No. 58. Marital Status of Population, 15 Years Old and Over, by Householder Status, Sex and Age: 1982

[**In thousands, except percent.** As of **March**. See headnote, table 56]

HOUSEHOLDER AND MARITAL STATUS	Total [1]	MALE					FEMALE				
		Total [1]	20-24 years	25-44 years	45-64 years	65 yr. and over	Total [1]	20-24 years	25-44 years	45-64 years	65 yr. and over
Total persons	**176,186**	**83,958**	**10,363**	**32,494**	**20,959**	**10,310**	**92,228**	**10,716**	**33,610**	**23,233**	**14,920**
Householder [2]	83,527	58,970	3,774	26,256	19,174	9,500	24,557	1,869	8,397	6,277	7,813
Single	10,272	5,266	1,350	2,807	650	320	5,005	1,274	2,376	597	601
Married, spouse present	49,630	47,527	2,282	20,955	16,561	7,618	2,103	205	1,006	608	259
Widowed	10,754	1,584	-	46	431	1,108	9,169	6	392	2,509	6,261
Divorced	8,827	3,172	61	1,776	1,059	275	5,655	195	3,111	1,853	494
Not householder [2]	92,659	24,988	6,589	6,238	1,784	811	67,671	8,847	25,211	16,956	7,108
Single	35,393	19,645	6,108	3,554	407	130	15,747	4,451	1,890	359	234
Married, spouse present	50,958	2,767	299	1,305	727	385	48,191	3,793	22,262	15,860	5,484
Widowed	*1,903*	*277*	*1*	*11*	*91*	*172*	*1,627*	*8*	*57*	*299*	*1,263*
Divorced	2,677	1,432	73	930	372	56	1,244	180	685	275	75
PERCENT DISTRIBUTION											
Total persons	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Householder [2]	47.4	70.2	36.4	80.8	91.5	92.1	26.6	17.4	25.0	27.0	52.4
Single	5.8	6.3	13.0	8.6	3.1	3.1	5.4	11.9	7.1	2.6	4.0
Married, spouse present	28.2	56.6	22.0	64.5	79.0	73.9	2.3	1.9	3.0	2.6	1.7
Widowed	6.1	1.9	-	.1	2.1	10.7	9.9	.1	1.2	10.8	42.0
Divorced	5.0	3.8	.6	5.5	5.1	2.7	6.1	1.8	9.3	8.0	3.3
Not householder [2]	52.6	29.8	63.6	19.2	8.5	7.9	73.4	82.6	75.0	73.0	47.6
Single	20.1	23.4	58.9	10.9	1.9	1.3	17.1	41.5	5.6	1.5	1.6
Married, spouse present	28.9	3.3	2.9	4.0	3.5	3.7	52.3	35.4	66.2	68.3	36.8
Widowed	1.1	.3	-	-	.4	1.7	1.8	.1	.2	1.3	8.5
Divorced	1.5	1.7	.7	2.9	1.8	.5	1.3	1.7	2.0	1.2	.5

- Represents zero or rounds to zero. [1] Includes 15-19 year olds. [2] Includes other marital status not shown separately.

Source of tables 56-58: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 380 and earlier reports.

NO. 59. UNMARRIED COUPLES, BY SEX AND AGE OF PARTNERS: 1982

[**In thousands.** As of **March.** An "unmarried couple" is two unrelated adults of the opposite sex sharing the same household. See headnote, table 60]

AGE OF MAN	All ages	AGE OF WOMAN				
		15-24 years	25-34 years	35-44 years	45-64 years	65 yr. and over
All ages	**1,863**	**704**	**735**	**154**	**181**	**90**
15-24 years	430	352	62	9	2	5
25-34 years	804	293	467	37	4	4
35-44 years	292	47	155	68	19	3
45-64 years	242	10	47	40	120	24
65 years and over	94	1	4	-	36	54

- Represents zero.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 380.

NO. 60. HOUSEHOLDS, FAMILIES, SUBFAMILIES, MARRIED COUPLES, AND UNRELATED INDIVIDUALS: 1950 TO 1982

[**In thousands, except as indicated.** As of **March.** Prior to **1960,** excludes Alaska and Hawaii. Based on Current Population Survey; includes members of Armed Forces living off post or with their families on post, but excludes all other members of Armed Forces; see text, p. 2 and Appendix III. Minus sign (–) indicates decrease. For definition of terms, see text, p. 4. See also *Historical Statistics, Colonial Times to 1970,* series A 288-319]

TYPE OF UNIT	1950	1960	1970 [1]	1975	1980 [2]	1981	1982	PERCENT CHANGE		
								1960-1970	1970-1980	1980-1982
Households	**43,554**	**52,799**	**63,401**	**71,120**	**80,776**	**82,368**	**83,527**	**20.1**	**27.4**	**3.4**
Family households	38,838	44,905	51,456	55,563	59,550	60,309	61,019	14.6	15.7	2.5
Nonfamily households	4,716	7,895	11,945	15,557	21,226	22,059	22,508	51.3	77.7	6.0
Average size of household	3.37	3.33	3.14	2.94	2.76	2.73	2.72	(X)	(X)	(X)
Families [3]	**39,303**	**45,111**	**51,586**	**55,712**	**59,550**	**60,309**	**61,019**	**14.4**	**15.4**	**2.5**
Married couple [3]	34,440	39,329	44,755	46,971	49,112	49,294	49,630	13.8	9.7	1.1
Male householder [3 4]	1,184	1,275	1,239	1,499	1,733	1,933	1,986	–2.8	39.9	14.6
Female householder [3 4]	3,679	4,507	5,591	7,242	8,705	9,082	9,403	24.1	55.7	8.0
Average size of family	3.54	3.67	3.58	3.42	3.29	3.27	3.25	(X)	(X)	(X)
White families	(NA)	3.61	3.52	3.36	3.23	3.20	3.19	(X)	(X)	(X)
Black families	(NA)	[5] 4.39	4.13	3.90	3.67	3.66	3.65	(X)	(X)	(X)
Family households	38,838	44,905	51,456	55,563	59,550	60,309	61,019	14.6	15.7	2.5
Married couple	34,075	39,254	44,728	46,951	49,112	49,294	49,630	13.9	9.8	1.1
With own children under 18	(NA)	(NA)	25,532	25,165	24,961	24,927	24,465	(NA)	–2.2	–2.0
Male householder [4]	1,169	1,228	1,228	1,485	1,733	1,933	1,986	-	41.1	14.6
With own children under 18	(NA)	(NA)	341	478	616	666	679	(NA)	80.6	10.2
Female householder [4]	3,594	4,422	5,500	7,127	8,705	9,082	9,403	24.4	58.3	8.0
With own children under 18	(NA)	(NA)	2,858	4,301	5,445	5,634	5,868	(NA)	90.5	7.8
Unrelated subfamilies	465	207	130	149	360	393	372	–37.2	176.9	3.3
Married couple	365	75	27	20	20	22	39	–64.0	(B)	(B)
Male reference person [4]	16	47	11	14	36	36	24	(B)	(B)	(B)
Female reference person [4]	85	85	91	115	304	334	309	7.1	234.1	1.6
Related subfamilies	**2,402**	**1,514**	**1,150**	**1,349**	**1,150**	**1,236**	**1,877**	**–24.0**	**-**	**63.2**
Married couple	1,651	871	617	576	582	580	625	–29.2	–5.7	7.4
Male reference person [4]	113	115	48	69	54	78	113	–58.3	(B)	(B)
Female reference person [4]	638	528	484	705	512	578	1,139	–8.3	5.8	122.5
Married couples	**36,091**	**40,200**	**45,373**	**47,547**	**49,714**	**49,896**	**50,294**	**12.9**	**9.6**	**1.2**
With own household	34,075	39,254	44,728	46,951	49,112	49,294	49,630	13.9	9.8	1.1
Without own household	2,016	946	645	596	602	602	664	–31.8	–6.7	10.3
Percent without	5.6	2.4	1.4	1.3	1.2	1.2	1.3	(X)	(X)	(X)
Unrelated individuals	**9,136**	**11,092**	**14,988**	**19,100**	**26,426**	**27,348**	**27,930**	**35.1**	**76.3**	**5.7**
Nonfamily householder	4,716	7,895	11,945	15,557	21,226	22,059	22,508	51.3	77.7	6.0
Male	1,668	2,716	4,063	5,912	8,807	9,279	9,457	49.6	116.8	7.4
Female	3,048	5,179	7,882	9,645	12,419	12,780	13,051	52.2	57.6	5.1
Secondary individuals	4,420	3,198	3,043	3,543	5,200	5,288	5,422	–4.8	70.9	4.3
Male	2,541	1,746	1,631	2,087	3,006	2,942	3,012	–6.6	84.3	.2
Female	1,879	1,451	1,412	1,456	2,194	2,346	2,410	–2.7	55.4	9.8

- Represents zero. B Not shown; base less than 75,000. NA Not available. X Not applicable. [1] Population controls based on 1970 census. [2] Population controls based on 1980 census; see text, p. 2. [3] Beginning 1980, data are not comparable with prior years due to definitional change. [4] No spouse present. [5] Data are for races other than White.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 381 and earlier issues.

No. 61. Households and Families, by Race of Householder: 1960 to 1982

[As of **March**. Based on Current Population Survey; see headnote, table 60. See also *Historical Statistics, Colonial Times to 1970*, series A 292-295 and A 320-334]

Race of householder	Number (1,000)					Percent				
	1960	1970	1975	1980 [1]	1982	1960	1970	1975	1980 [1]	1982
Households, total	**52,799**	**[2] 63,401**	**[2] 71,120**	**[2] 80,776**	**[2] 83,527**	(x)	(x)	(x)	(x)	(x)
White	47,665	56,602	62,945	70,766	72,845	100.0	100.0	100.0	100.0	100.0
Married couple	36,175	41,029	42,951	44,751	45,007	76.2	72.5	68.2	63.2	61.8
Male householder [3]	3,365	4,444	6,295	8,940	9,711	6.8	7.9	10.0	12.6	13.3
Female householder [3]	8,125	11,129	13,700	17,075	18,127	17.0	19.7	21.8	24.1	24.9
Black	[4] 5,134	6,223	7,262	8,586	8,961	[4] 100.0	100.0	100.0	100.0	100.0
Married couple	[4] 3,079	3,317	3,343	3,433	3,535	[4] 60.3	53.3	46.0	40.0	39.4
Male householder [3]	[4] 579	745	1,002	1,402	1,443	[4] 11.0	12.0	13.8	16.3	16.1
Female householder [3]	[4] 1,476	2,161	2,917	3,751	3,983	[4] 28.7	34.7	40.2	43.7	44.4
Families, total [5]	**45,111**	**[2] 51,586**	**[2] 55,712**	**[2] 59,550**	**[2] 61,019**	(x)	(x)	(x)	(x)	(x)
White	40,869	46,261	49,451	52,243	53,269	100.0	100.0	100.0	100.0	100.0
Married couple	36,212	41,049	42,969	44,751	45,007	88.7	88.7	86.9	85.7	84.5
Male householder [3]	1,100	1,048	1,270	1,441	1,642	2.6	2.3	2.6	2.8	3.1
Female householder [3]	3,557	4,165	5,212	6,052	6,620	8.7	9.0	10.5	11.6	12.4
Black	[4] 4,242	4,887	5,498	6,184	6,413	[4] 100.0	100.0	100.0	100.0	100.0
Married couple	[4] 3,117	3,323	3,346	3,433	3,535	[4] 73.6	68.0	60.9	55.5	55.1
Male householder [3]	[4] 175	182	212	256	273	[4] 4.0	3.7	3.9	4.1	4.3
Female householder [3]	[4] 950	1,382	1,940	2,495	2,605	[4] 22.4	28.3	35.3	40.3	40.6

X Not applicable. [1] Population controls based on 1980 census, see text, p. 2. [2] Includes other races, not shown separately. [3] No spouse present. [4] Black and other races. [5] See footnote 3, table 60.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 381 and earlier reports; and unpublished data.

No. 62. Households, by Number of Persons: 1950 to 1982

[**In millions, except percent.** As of **March**. Based on Current Population Survey; see headnote, table 60. See also *Historical Statistics, Colonial Times to 1970*, series A 335-349]

Size of household	1950 [1]	1960	1965	1970 [2]	1975	1977	1978	1979	1980 [3]	1981	1982
Total	**43.5**	**52.6**	**57.3**	**63.4**	**71.1**	**74.1**	**76.0**	**77.3**	**80.8**	**82.4**	**83.5**
1 person	4.7	6.9	8.6	10.9	13.9	15.5	16.7	17.2	18.3	18.9	19.4
Male	1.8	2.3	2.9	3.5	4.9	5.6	6.4	6.5	7.0	7.3	7.5
Female	3.0	4.6	5.7	7.3	9.0	9.9	10.4	10.7	11.3	11.7	11.9
2 persons	12.5	14.6	16.1	18.3	21.8	22.8	23.3	23.9	25.3	25.8	26.5
3 persons	9.8	9.9	10.2	10.9	12.4	12.8	13.0	13.4	14.1	14.6	14.6
4 persons	7.7	9.3	9.2	10.0	11.1	11.6	12.0	12.3	12.7	12.8	12.9
5 persons	4.4	6.1	6.3	6.5	6.4	6.3	6.4	6.2	6.1	6.1	6.1
6 persons	2.2	3.0	3.3	3.5	3.1	2.9	2.7	2.6	2.5	2.5	2.5
7 persons or more	2.1	2.9	3.5	3.2	2.5	2.3	1.9	1.8	1.8	1.6	1.6
Percent of total:											
1 person	10.9	13.1	15.0	17.1	19.6	20.9	22.0	22.2	22.7	23.0	23.2
2 persons	28.8	27.8	28.1	28.9	30.6	30.7	30.7	30.9	31.4	31.3	31.7
3 persons	22.6	18.9	17.9	17.3	17.4	17.3	17.2	17.3	17.5	17.7	17.5
4 persons	17.8	17.6	16.1	15.8	15.6	15.7	15.7	15.9	15.7	15.5	15.4
5 persons	10.0	11.5	11.0	10.3	9.0	8.5	8.4	8.0	7.5	7.4	7.3
6 persons	5.1	5.7	5.8	5.6	4.3	3.9	3.6	3.3	3.1	3.1	3.0
7 persons or more	4.9	5.4	6.1	5.0	3.5	3.1	2.5	2.3	2.2	2.0	1.9

[1] Covers related persons only; therefore, not strictly comparable with later years. [2] Population controls based on 1970 census; see text, p. 2. [3] Population controls based on 1980 census; see text, p. 2.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 381 and earlier reports.

No. 63. Households, by Selected Characteristics of Householder: 1968 to 1982

[As of **March**. Based on Current Population Survey; see headnote, table 60]

Characteristic	1968	1970	1973	1974	1975	1976	1977	1978	1979	1980 [1]	1981	1982
Total (million)	**60.8**	**63.4**	**68.3**	**69.9**	**71.1**	**72.9**	**74.1**	**76.0**	**77.3**	**80.8**	**82.4**	**83.5**
PERCENT DISTRIBUTION												
Male	79.6	78.9	77.4	77.1	76.4	75.8	75.4	74.6	74.2	71.8	71.2	70.6
Female	20.4	21.1	22.6	22.9	23.6	24.2	24.6	25.4	25.8	28.2	28.8	29.4
White	89.6	89.5	88.8	88.7	88.5	88.4	88.1	88.0	88.0	87.6	87.3	87.2
Black	9.5	9.8	10.0	10.1	10.2	10.3	10.5	10.5	10.4	10.6	10.7	10.7
Age of householder:												
14-24 years	6.3	6.8	8.0	8.4	8.2	8.1	8.1	8.2	8.2	[2] 8.1	[2] 7.8	[2] 7.3
25-34 years	17.5	18.5	19.9	20.5	21.0	21.3	21.8	22.1	22.0	22.9	23.3	23.1
35-44 years	19.7	18.6	17.2	16.8	16.7	16.8	16.8	17.1	17.2	17.3	17.6	18.3
45-54 years	19.8	19.5	18.8	18.5	18.2	17.6	17.4	16.6	16.3	15.7	15.4	15.0
55-64 years	17.1	17.1	16.4	16.0	15.9	16.0	15.9	16.0	15.9	15.5	15.4	15.5
65 years and over	19.5	19.5	19.7	19.9	20.1	20.3	20.0	20.0	20.4	20.5	20.5	20.7

[1] Population controls based on 1980 census. [2] Persons 15 to 24 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 381 and earlier reports; and unpublished data.

NO. 64. HOUSEHOLD CHARACTERISTICS, BY RACE AND SPANISH ORIGIN: 1982

[As of March. Based on Current Population Survey; see headnote, table 60. Persons of Spanish origin may be of any race. For composition of regions, see fig. I, inside front cover]

CHARACTERISTIC	ALL HOUSEHOLDS			BLACK HOUSEHOLDS			SPANISH-ORIGIN HOUSEHOLDS		
	Number (1,000)	Percent	Persons per household	Number (1,000)	Percent	Persons per household	Number (1,000)	Percent	Persons per household
Total	**83,527**	**100.0**	**2.72**	**8,961**	**100.0**	**2.99**	**3,980**	**100.0**	**3.49**
Northeast	18,000	21.5	2.72	1,688	18.8	2.89	753	18.9	3.33
North Central	21,254	25.4	2.73	1,789	20.0	3.02	298	7.5	3.34
South	27,925	33.4	2.72	4,538	50.6	3.07	1,340	33.7	3.54
West	16,348	19.6	2.69	946	10.6	2.68	1,588	39.9	3.55
Nonfarm	81,708	97.8	2.71	8,905	99.4	2.98	3,953	99.3	3.49
Farm	1,819	2.2	3.02	57	.6	(B)	27	.7	(B)
In metropolitan areas (SMSA's)[1]	56,900	68.1	2.70	7,001	78.1	2.91	3,415	85.8	3.46
In central cities	24,668	29.5	2.52	5,154	57.5	2.84	2,021	50.8	3.41
Outside central cities	32,232	38.6	2.83	1,847	20.6	3.08	1,394	35.0	3.54
One million population or more	32,411	38.8	2.69	4,548	50.8	2.88	2,308	58.0	3.39
In central cities	12,971	15.5	2.50	3,344	37.3	2.86	1,311	32.9	3.28
Outside central cities	19,440	23.3	2.82	1,204	13.4	2.94	998	25.1	3.53
Under 1 million population	24,489	29.3	2.70	2,453	27.4	2.55	1,107	27.8	3.62
In central cities	11,697	14.0	2.55	1,810	20.2	2.81	711	17.9	3.66
Outside central cities	12,792	15.3	2.84	643	7.2	3.33	396	10.0	3.56
Outside metropolitan areas	26,627	31.9	2.76	1,960	21.9	3.28	565	14.2	3.64
Nonfarm	25,134	30.1	2.75	1,917	21.4	3.27	546	13.7	3.62
Farm	1,493	1.8	2.98	43	.5	(B)	18	.5	(B)
Relationship to householder:									
All members related	79,157	94.8	2.70	8,425	94.0	2.96	3,741	94.0	3.48
All members unrelated	3,154	3.8	2.33	316	3.5	2.50	130	3.3	2.49
Some members unrelated	1,216	1.5	4.49	221	2.5	4.70	109	2.7	4.94
Marital status:									
Male householder	58,970	70.6	2.99	4,612	51.5	3.11	2,806	70.5	3.70
Married, wife present	47,527	56.9	3.33	3,166	35.4	3.80	2,294	57.6	4.09
Married, wife absent	1,420	1.7	1.53	315	3.5	1.39	113	2.8	1.84
Separated	1,032	1.2	1.59	262	2.9	1.42	69	1.7	(B)
Other	388	.5	1.39	53	.6	(B)	44	1.1	(B)
Widowed	1,584	1.9	1.52	208	2.3	1.73	44	1.1	(B)
Divorced	3,172	3.8	1.62	374	4.2	1.65	128	3.2	1.74
Single (never married)	5,266	6.3	1.53	546	6.1	1.60	227	5.7	1.96
Female householder	24,557	29.4	2.06	4,349	48.5	2.86	1,174	29.5	3.00
Married, husband present	2,103	2.5	3.24	366	4.1	3.99	120	3.0	4.09
Married, husband absent	2,625	3.1	2.82	897	10.0	3.22	282	7.1	3.51
Separated	2,227	2.7	2.91	828	9.2	3.25	245	6.2	3.52
Other	397	.5	2.32	69	.8	(B)	37	.9	(B)
Widowed	9,169	11.0	1.55	1,093	12.2	2.30	212	5.3	2.53
Divorced	5,655	6.8	2.31	787	8.8	2.89	317	8.0	2.74
Single (never married)	5,005	6.0	1.83	1,205	13.5	2.73	243	6.1	2.60
Age of householder:									
15–24 years	6,110	7.3	2.29	734	8.2	2.61	432	10.9	2.81
25–34 years	19,327	23.1	2.89	2,374	26.5	3.06	1,227	30.8	3.53
35–44 years	15,326	18.3	3.60	1,740	19.4	3.61	876	22.0	4.32
45–54 years	12,505	15.0	3.29	1,392	15.5	3.47	622	15.6	3.85
55–64 years	12,947	15.5	2.37	1,214	13.6	2.78	473	11.9	2.99
65 years and over	17,312	20.7	1.74	1,506	16.8	2.05	351	8.8	2.15
Size of household:									
One person	19,354	23.2	(X)	2,233	24.9	(X)	545	13.7	(X)
Two persons	26,486	31.7	(X)	2,185	24.4	(X)	833	20.9	(X)
Three persons	14,617	17.5	(X)	1,597	17.8	(X)	797	20.0	(X)
Four persons	12,868	15.4	(X)	1,323	14.8	(X)	779	19.6	(X)
Five persons	6,103	7.3	(X)	792	8.8	(X)	516	13.0	(X)
Six persons	2,480	3.0	(X)	403	4.5	(X)	251	6.3	(X)
Seven persons or more	1,619	1.9	(X)	428	4.8	(X)	259	6.5	(X)
Employment status of householder:									
In labor force	59,456	71.2	2.97	5,781	64.5	3.12	3,033	76.2	3.63
Civilian labor force	58,714	70.3	2.97	5,695	63.6	3.13	3,004	75.5	3.64
Employed	54,576	65.3	2.97	4,949	55.2	3.15	2,675	67.2	3.64
White-collar	28,206	33.8	2.82	1,793	20.0	2.79	858	21.6	3.20
Blue-collar	19,368	23.2	3.22	1,976	22.1	3.42	1,336	33.6	3.94
Farm workers	1,574	1.9	3.22	90	1.0	3.90	99	2.5	4.09
Service workers	5,428	6.5	2.80	1,090	12.2	3.21	382	9.6	3.51
Unemployed	4,138	5.0	2.98	746	8.3	2.95	329	8.3	3.61
Not in labor force	24,071	28.8	2.09	3,180	35.5	2.74	947	23.8	3.02

B Not shown; base less than 75,000. X Not applicable. [1] 243 standard metropolitan statistical areas as of the 1970 census.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 137, and series P-20, No. 381.

No. 65. Households, by Type—60 Largest SMSA's: 1980

[In thousands, except percent. As of April 1. Covers standard metropolitan statistical areas (SMSA's) as defined by U.S. Office of Management and Budget, June 30, 1981. See Appendix II]

SMSA'S RANKED BY POPULATION SIZE, 1980	FAMILIES							NONFAMILY HOUSEHOLDS	
				With own children under 18 years					
					Married couple				
	Total[1]	Married couple, total	Female householder, total[2]	Total[1]	Number	Percent of all families with children	Female householder[2]	Total	One person
New York, N.Y.-N.J	2,301	1,659	533	1,104	757	69	316	1,197	1,059
Los Angeles-Long Beach, Calif	1,812	1,380	330	931	668	74	205	919	748
Chicago, Ill	1,763	1,393	312	927	715	77	187	704	610
Philadelphia, Pa.-N.J	1,203	936	216	595	459	77	119	436	375
Detroit, Mich	1,126	880	200	599	456	76	127	383	328
San Francisco-Oakland, Calif	802	629	134	385	288	75	82	479	376
Washington, D.C.-Md.-Va	754	585	135	407	310	76	83	359	287
Dallas-Fort Worth, Tex	783	650	107	420	340	81	68	293	244
Houston, Tex	743	615	98	420	344	82	64	284	234
Boston, Mass	669	526	116	322	255	79	61	322	261
Nassau-Suffolk, N.Y	676	580	77	356	309	87	41	133	113
St. Louis, Mo-Ill	619	502	96	319	253	79	58	219	193
Pittsburgh, Pa	613	505	86	278	232	83	40	215	194
Baltimore, Md	561	430	106	284	211	74	63	196	163
Minneapolis-St. Paul, Minn.-Wis	531	448	66	294	244	83	43	231	184
Atlanta, Ga	530	420	92	293	227	77	59	189	154
Newark, N.J	512	398	93	255	194	76	54	166	145
Anaheim-Santa Ana-Garden Grove, Calif	493	408	63	256	207	81	41	194	144
Cleveland, Ohio	502	401	82	245	192	78	47	192	171
San Diego, Calif	459	374	67	230	176	77	46	211	159
Miami, Fla	423	330	73	189	143	76	40	187	158
Denver-Boulder, Colo	412	342	55	222	178	80	37	197	153
Seattle-Everett, Wash	411	343	52	207	165	80	35	207	162
Tampa-St. Petersburg, Fla	447	374	59	171	132	77	34	192	165
Riverside-San Bernardino-Ontario, Calif	414	348	51	211	169	80	35	137	114
Phoenix, Ariz	398	335	48	195	158	81	31	147	115
Cincinnati, Ohio-Ky.-Ind	363	296	55	193	155	80	33	135	120
Milwaukee, Wisc	359	292	55	188	148	79	35	141	119
Kansas City, Mo.-Kans	356	294	50	185	147	79	33	138	118
San Jose, Calif	324	265	45	176	140	80	30	134	100
Buffalo, N.Y	325	260	52	160	126	79	30	121	106
Portland, Ore.-Wash	325	270	43	167	132	79	29	153	121
New Orleans, La	299	225	61	161	119	74	38	119	103
Indianapolis, Ind	309	253	45	165	131	79	30	110	94
Columbus, Ohio	279	226	43	148	116	78	28	118	97
San Antonio, Tex	268	217	42	150	120	80	27	82	71
Fort Lauderdale-Hollywood, Fla	292	245	36	106	83	78	20	126	104
Sacramento, Calif	265	213	41	136	102	75	28	119	93
Rochester, N.Y	246	203	35	130	105	81	22	96	79
Salt Lake City-Ogden, Utah	230	199	25	141	121	86	17	68	55
Providence-Warwick-Pawtucket, R.I.-Mass	238	193	37	116	93	80	21	90	79
Memphis, Tenn.-Ark.-Miss	232	173	50	124	89	72	31	80	69
Louisville, Ky.-Ind	242	194	40	127	99	78	25	82	72
Nashville-Davidson, Tenn	227	187	33	116	94	81	19	75	64
Birmingham, Ala	230	185	39	115	91	79	21	74	66
Oklahoma City, Okla	225	189	30	117	94	80	20	87	75
Dayton, Ohio	224	185	32	118	94	80	21	76	66
Greensboro-Winston-Salem-High Point, N.C	227	186	34	115	92	80	20	72	62
Norfolk-Virginia Beach-Portsmouth, Va.-N.C	202	158	37	110	83	75	24	64	50
Albany-Schenectady-Troy, N.Y	203	167	29	101	83	82	16	84	71
Toledo, Ohio-Mich	204	169	28	109	89	82	18	73	63
Honolulu, Hawaii	177	145	23	97	80	82	14	53	40
Jacksonville, Fla	195	153	35	103	77	75	23	69	58
Hartford, Conn	190	154	29	95	75	79	17	68	56
Orlando, Fla	185	152	27	91	71	78	17	67	54
Tulsa, Okla	190	162	23	98	81	83	15	68	60
Akron, Ohio	174	145	24	88	72	82	14	60	51
Syracuse, N.Y	160	131	23	86	69	80	14	63	52
Gary-Hammond-East Chicago, Ind	167	135	26	93	74	80	17	47	42
Northeast Pa	173	140	26	75	64	85	9	60	56

[1] Includes male family householders with no spouse present. [2] With no spouse present.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. I, chapter B (PC80-1-B), and unpublished data.

No. 66. Households—States: 1960 to 1980

[As of April 1. For definition of household, see text, p. 4. For composition of regions, see fig. I, inside front cover. Minus sign (−) indicates decrease]

Region, division, and state	Households					Families, 1980				Non-family households, 1980	Persons per household	
	Number (1,000)			Percent change			Married couple		One parent [3]			
	1960	1970	1980	1960–1970	1970–1980	Total [1]	Total	With children [2]			1970	1980
U.S.	**53,021**	**63,450**	**80,390**	**19.7**	**26.7**	**58,882**	**48,371**	**24,261**	**5,870**	**21,507**	**3.11**	**2.75**
Regions:												
Northeast	13,521	15,482	17,471	14.5	12.8	12,668	10,151	4,965	1,306	4,803	3.08	2.74
North Central	15,377	17,537	20,859	14.0	18.9	15,351	12,863	6,588	1,428	5,508	3.14	2.75
South	15,503	19,258	26,486	24.2	37.5	19,917	16,347	8,187	1,960	6,569	3.16	2.77
West	8,619	11,172	15,574	29.6	39.4	10,945	9,010	4,521	1,176	4,628	3.02	2.71
N. Eng	**3,116**	**3,645**	**4,362**	**17.0**	**19.7**	**3,159**	**2,580**	**1,280**	**304**	**1,203**	**3.13**	**2.74**
Maine	280	303	395	8.2	30.5	294	248	128	26	101	3.16	2.75
N.H	180	225	323	25.0	43.3	239	203	106	20	85	3.14	2.75
Vt	111	132	178	18.9	35.0	128	108	57	12	50	3.21	2.75
Mass	1,535	1,760	2,033	14.7	15.5	1,439	1,153	568	145	594	3.12	2.72
R.I	257	292	339	13.6	16.0	245	199	96	24	93	3.07	2.70
Conn	753	933	1,094	23.9	17.2	814	668	325	77	280	3.16	2.76
Mid. Atl	**10,405**	**11,837**	**13,109**	**13.8**	**10.7**	**9,509**	**7,571**	**3,685**	**1,002**	**3,599**	**3.07**	**2.74**
N.Y	5,248	5,914	6,340	12.7	7.2	4,443	3,446	1,692	542	1,897	3.01	2.70
N.J	1,806	2,218	2,549	22.8	14.9	1,932	1,553	760	196	617	3.17	2.84
Pa	3,351	3,705	4,220	10.6	13.9	3,134	2,573	1,233	264	1,085	3.10	2.74
E. No. Cent	**10,710**	**12,382**	**14,654**	**15.6**	**18.3**	**10,841**	**8,988**	**4,612**	**1,079**	**3,812**	**3.17**	**2.78**
Ohio	2,852	3,289	3,834	15.3	16.5	2,854	2,376	1,210	269	980	3.16	2.76
Ind	1,388	1,609	1,927	15.9	19.7	1,456	1,233	638	133	471	3.14	2.77
Ill	3,085	3,502	4,045	13.5	15.5	2,931	2,378	1,206	307	1,114	3.09	2.76
Mich	2,239	2,653	3,195	18.5	20.4	2,393	1,948	1,017	270	803	3.27	2.84
Wis	1,146	1,329	1,652	16.0	24.3	1,208	1,034	541	100	444	3.22	2.77
W. No. Cent	**4,668**	**5,155**	**6,205**	**10.4**	**20.4**	**4,510**	**3,895**	**1,976**	**349**	**1,696**	**3.06**	**2.68**
Minn	992	1,154	1,445	16.3	25.2	1,038	898	481	79	408	3.20	2.74
Iowa	841	896	1,053	6.5	17.5	770	677	342	54	283	3.05	2.68
Mo	1,360	1,521	1,793	11.8	17.9	1,312	1,106	540	115	482	2.98	2.67
N. Dak	173	182	228	5.2	25.4	167	147	80	10	61	3.25	2.75
S. Dak	195	201	243	3.1	20.8	177	154	81	13	65	3.18	2.74
Nebr	433	474	571	9.5	20.6	412	360	183	30	160	3.02	2.66
Kans	673	727	872	8.0	19.9	635	553	269	48	237	2.97	2.62
So. Atl	**7,268**	**9,439**	**13,160**	**29.9**	**39.4**	**9,805**	**7,958**	**3,834**	**1,002**	**3,355**	**3.14**	**2.73**
Del	129	165	207	27.9	25.7	155	126	63	17	52	3.23	2.79
Md	863	1,175	1,461	36.2	24.3	1,090	863	442	128	371	3.25	2.82
D.C	252	263	253	4.4	−3.6	134	75	30	32	120	2.72	2.40
Va	1,074	1,391	1,863	29.5	34.0	1,398	1,148	590	135	466	3.20	2.77
W. Va	521	547	686	5.0	25.4	530	449	232	37	157	3.12	2.79
N.C	1,205	1,510	2,043	25.3	35.4	1,577	1,288	653	153	467	3.24	2.78
S.C	604	734	1,030	21.5	40.3	806	647	345	84	224	3.39	2.93
Ga	1,070	1,369	1,872	27.9	36.7	1,427	1,138	603	163	445	3.25	2.84
Fla	1,550	2,285	3,744	47.4	63.9	2,690	2,225	876	253	1,054	2.90	2.55
E. So. Cent	**3,307**	**3,868**	**5,051**	**17.0**	**30.6**	**3,913**	**3,211**	**1,653**	**373**	**1,138**	**3.22**	**2.83**
Ky	852	984	1,263	15.5	28.4	983	826	437	84	280	3.17	2.82
Tenn	1,003	1,213	1,619	20.9	33.4	1,248	1,026	512	117	370	3.15	2.77
Ala	884	1,034	1,342	17.0	29.8	1,039	846	432	102	303	3.25	2.84
Miss	568	637	827	12.1	29.9	643	514	272	70	184	3.39	2.97
W. So. Cent	**4,928**	**5,952**	**8,276**	**20.8**	**39.0**	**6,199**	**5,177**	**2,700**	**585**	**2,077**	**3.15**	**2.80**
Ark	524	615	816	17.4	32.6	625	528	258	55	191	3.05	2.74
La	892	1,052	1,412	17.9	34.2	1,069	852	465	123	343	3.37	2.91
Okla	735	851	1,119	15.8	31.5	827	709	346	70	291	2.90	2.62
Tex	2,778	3,434	4,929	23.6	43.5	3,678	3,088	1,631	337	1,251	3.17	2.82
Mt	**1,976**	**2,518**	**3,986**	**27.4**	**58.3**	**2,909**	**2,477**	**1,301**	**268**	**1,077**	**3.19**	**2.79**
Mont	202	217	284	7.4	30.6	205	179	93	17	78	3.10	2.70
Idaho	194	219	324	12.9	48.0	247	217	116	20	78	3.17	2.85
Wyo	99	105	166	6.1	58.3	122	108	60	8	44	3.09	2.78
Colo	529	691	1,061	30.6	53.6	739	625	325	72	322	3.08	2.65
N. Mex	251	289	441	15.1	52.6	332	275	152	35	109	3.43	2.90
Ariz	367	539	957	46.9	77.5	705	595	287	66	252	3.20	2.79
Utah	242	298	449	23.1	50.6	352	309	188	27	97	3.46	3.20
Nev	92	160	304	73.9	90.1	207	170	80	23	97	2.99	2.59
Pac	**6,644**	**8,654**	**11,587**	**30.3**	**33.9**	**8,036**	**6,533**	**3,220**	**908**	**3,551**	**2.97**	**2.68**
Wash	894	1,106	1,541	23.7	39.3	1,079	915	450	107	461	2.98	2.61
Oreg	558	692	992	24.0	43.4	699	593	283	70	293	2.94	2.60
Calif	4,981	6,574	8,630	32.0	31.3	5,937	4,760	2,334	699	2,693	2.95	2.68
Alaska	57	79	131	38.6	66.3	96	80	51	11	36	3.52	2.93
Hawaii	153	203	294	32.7	44.8	226	186	102	21	68	3.59	3.15

[1] Includes male and female householders with no spouse present and without own children under 18 years old. [2] Married couple families with own children under 18 years old. [3] Male or female householder with no spouse present, and with own children under 18 years old.

Source: U.S. Bureau of the Census, *Census of Population: 1970* and *1980 Census of Population*, vol. 1, Chapter B.

No. 67. Families, by Characteristics: 1960 to 1982

[In thousands, except as indicated. As of **March.** Based on *Current Population Survey;* includes members of Armed Forces living off post or with families on post, but excludes other Armed Forces; see text, p. 2 and Appendix III. For definition of families, see text, p. 4. Beginning 1980, data not comparable with prior years because of definitional change]

CHARACTERISTIC	ALL FAMILIES		MARRIED COUPLE		MALE HOUSEHOLDER [1]		FEMALE HOUSEHOLDER [1]		BLACK FAMILIES	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1960	45,111	(X)	39,329	(X)	1,275	(X)	4,507	(X)	[2] 4,242	(X)
1965	47,956	(X)	41,749	(X)	1,181	(X)	5,026	(X)	[2] 4,752	(X)
1970	51,586	(X)	44,755	(X)	1,239	(X)	5,591	(X)	4,887	(X)
1975	55,712	(X)	46,971	(X)	1,499	(X)	7,242	(X)	5,498	(X)
1978	57,215	(X)	47,385	(X)	1,594	(X)	8,236	(X)	5,806	(X)
1979	57,804	(X)	47,692	(X)	1,655	(X)	8,458	(X)	5,906	(X)
1980 [3]	59,550	(X)	49,112	(X)	1,733	(X)	8,705	(X)	6,184	(X)
1981	60,309	(X)	49,294	(X)	1,933	(X)	9,082	(X)	6,317	(X)
1982, total	**61,019**	**100.0**	**49,630**	**100.0**	**1,986**	**100.0**	**9,403**	**100.0**	**6,413**	**100.0**
White	53,269	87.3	45,007	90.7	1,642	82.7	6,620	70.4	(X)	(X)
Black	6,413	10.5	3,535	7.1	273	13.7	2,605	27.7	6,413	100.0
Spanish origin [4]	*3,305*	*5.4*	2,414	4.9	142	7.2	750	8.0	(X)	(X)
Size of family:										
2 persons	24,426	40.0	18,886	38.1	1,255	63.2	4,285	45.6	2,024	31.6
3 persons	*14,079*	23.1	10,930	22.0	457	23.0	2,692	28.6	1,550	24.2
4 persons	12,594	20.6	11,104	22.4	145	7.3	1,345	14.3	1,264	19.7
5 persons	5,971	9.8	5,259	10.6	89	4.5	623	6.6	757	11.8
6 persons	2,409	3.9	2,160	4.4	25	1.3	224	2.4	406	6.3
7 or more persons	*1,539*	*2.5*	1,290	2.6	*14*	*.7*	*235*	*2.5*	412	6.4
Median size [5]	3.25	(X)	3.32	(X)	*2.67*	(X)	3.04	(X)	3.65	(X)
Own children under age 18:										
None	30,007	49.2	25,165	50.7	1,306	65.8	3,535	37.6	2,495	38.9
1	12,730	20.9	9,621	19.4	417	21.0	2,691	28.6	1,480	23.1
2	11,612	19.0	9,485	19.1	196	9.9	1,931	20.5	1,294	20.2
3	4,544	7.4	3,687	7.4	42	2.1	815	8.7	695	10.8
4 or more	2,126	3.5	1,672	3.4	24	1.2	430	4.6	450	7.0
Own children under age 6:										
None	47,320	77.5	38,215	77.0	1,793	90.3	7,312	77.8	4,653	72.6
1	9,394	15.4	7,718	15.6	163	8.2	1,513	16.1	1,188	18.5
2	*3,699*	*6.1*	3,207	6.5	27	1.4	465	4.9	460	7.2
3 or more	606	1.0	490	1.0	3	.2	112	1.2	111	1.7

X Not applicable. [1] No spouse present. [2] Black and other races. [3] Population controls based on 1980 census; see text, p. 2. [4] *Persons of Spanish origin may be of any race.* [5] For definition of median, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 381, and earlier issues.

No. 68. Persons in Families by Age, Sex, and Type of Family: 1970 to 1982

[In millions, except percent. As of **March.** Based on Current Population Survey. See headnote, table 67]

YEAR AND AGE	PERSONS IN FAMILIES		Male	Female	Married-couple families	FEMALE HOUSEHOLDER [2]		Male householder [2]
	Total	Percent of all persons [1]				Number	Percent of total	
1970: Total	**184.9**	**91.4**	**91.0**	**93.9**	**163.3**	**18.0**	**9.7**	**3.6**
Under 18 yr	68.9	98.9	35.0	33.8	60.2	7.8	11.3	.9
18-64 yr	102.6	91.1	49.3	53.3	92.2	8.4	8.2	2.0
65 yr. and over	13.3	67.1	6.6	6.7	10.9	1.8	13.5	.7
1975: Total	**190.5**	**90.9**	**93.7**	**96.8**	**162.9**	**23.2**	**12.2**	**4.4**
Under 18 yr	66.0	99.4	33.6	32.4	54.4	10.5	15.9	1.1
18-64 yr	109.9	90.0	52.8	57.1	96.2	11.0	10.0	2.6
65 yr. and over	14.6	69.2	7.3	7.4	12.3	1.8	12.3	.6
1980: [3] Total	**195.9**	**88.0**	**96.0**	**99.8**	**164.2**	**26.9**	**13.7**	**4.7**
Under 18 yr	62.8	98.9	32.0	30.7	50.0	11.6	18.5	1.2
18-64 yr	116.7	86.5	55.8	61.0	100.4	13.3	11.4	2.9
65 yr. and over	16.4	68.0	8.3	8.1	13.8	2.0	11.8	.6
1982: Total	**198.5**	**87.5**	**97.3**	**101.2**	**164.6**	**28.6**	**14.4**	**5.3**
Under 18 yr	61.9	98.9	31.6	30.3	48.5	12.1	19.5	1.3
18-64 yr	119.6	86.0	57.1	62.5	101.6	14.6	12.2	3.4
65 yr. and over	17.1	67.8	8.6	8.5	14.6	1.9	11.0	.6

[1] Persons in households. [2] No spouse present. [3] Population controls based on 1980 census; see text, p. 2.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 381, and earlier issues.

No. 69. Percent Distribution of Families, by Number of Own Children Under 18 Years Old: 1950 to 1982

[As of **March**, except as noted. Prior to 1960, excludes Alaska and Hawaii. Except as noted, based on Current Population Survey; see headnote, table 67. See also *Historical Statistics, Colonial Times to 1970*, series A 353-358]

NUMBER OF CHILDREN	1950 [1]	1960 [1]	1965	1970	1975	1977	1978	1979	1980 [2]	1981	1982
All families (1,000)	38,453	45,149	47,956	51,586	55,712	56,710	57,215	57,804	59,550	60,309	61,019
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No children	48.4	43.1	43.4	44.1	46.0	46.8	46.9	47.5	47.9	48.2	49.2
1 child	21.0	18.4	17.7	18.2	19.7	19.6	20.3	20.6	20.9	21.1	20.9
2 children	16.5	18.0	16.8	17.4	18.0	18.9	19.0	19.0	19.3	19.2	19.0
3 children	14.2	20.5	11.0	10.6	9.3	9.0	8.8	8.5	7.8	7.7	7.4
4 or more children			11.1	9.8	6.9	5.7	5.0	4.5	4.1	3.8	3.5
Black families (1,000)	[3] 3,432	[3] 4,262	[3] 4,752	4,887	5,498	5,804	5,806	5,906	6,184	6,317	6,413
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No children	51.7	43.8	40.1	38.9	36.8	38.2	37.3	37.5	38.2	38.7	38.9
1 child	16.6	15.6	16.8	17.6	22.0	21.5	23.3	23.5	23.4	23.4	23.1
2 children	11.4	12.8	13.8	14.8	17.0	17.6	18.6	19.5	20.0	19.9	20.2
3 children	20.3	27.9	9.9	10.1	10.6	11.2	10.9	10.8	10.2	10.4	10.8
4 or more children			19.5	18.5	13.6	11.5	9.9	8.8	8.2	7.7	7.0
Spanish origin [4] (1,000)	(NA)	(NA)	(NA)	[1] 2,004	2,477	2,583	2,764	2,741	3,029	3,235	3,305
Percent distribution	(NA)	(NA)	(NA)	[1] 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No children	(NA)	(NA)	(NA)	[1] 29.8	29.4	30.1	28.6	30.6	31.2	30.1	31.3
1 child	(NA)	(NA)	(NA)	[1] 19.5	23.1	22.8	25.1	23.6	22.4	24.7	24.3
2 children	(NA)	(NA)	(NA)	[1] 19.4	19.7	22.1	20.7	21.9	23.0	23.3	22.8
3 children	(NA)	(NA)	(NA)	[1] 13.3	13.4	13.4	14.2	13.2	13.4	12.1	12.3
4 or more children	(NA)	(NA)	(NA)	[1] 18.1	14.5	11.7	11.3	10.6	9.9	9.7	9.4

NA Not available. [1] As of April. Based on Census of Population. [2] Population controls based on 1980 census; see text, p. 2. [3] Black and other than white races. [4] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *U.S. Census of Population, 1950, 1960, and 1970*, vol. II, and *Current Population Reports*, series P-20, No. 381 and earlier reports.

No. 70. Children Under 18 Years Old, by Presence of Parents and Whether Living With Mother Only, by Marital Status of Mother: 1970 to 1982

[As of **March**. Excludes persons under 18 years old who maintained households or family groups. Based on Current Population Survey; see headnote, table 67]

PRESENCE OF PARENTS	Unit	TOTAL [1]			WHITE			BLACK		
		1970	1980 [2]	1982	1970	1980 [2]	1982	1970	1980 [2]	1982
CHILDREN UNDER 18 YEARS OLD										
Number	1,000	69,458	63,427	62,407	59,026	52,242	51,086	9,483	9,375	9,377
Living with—										
Both parents	Percent	84.9	76.7	75.0	89.2	82.7	80.8	58.1	42.2	42.4
Mother only	Percent	10.7	18.0	20.0	7.8	13.5	15.3	29.3	43.9	47.2
Divorced	Percent	3.3	7.5	8.2	3.1	7.0	8.0	4.6	10.9	9.6
Married, spouse absent	Percent	4.7	5.7	5.6	2.8	3.9	4.3	16.2	16.2	13.6
Single (never married)	Percent	.8	2.8	4.4	.2	1.0	1.6	4.4	12.8	20.8
Widowed	Percent	2.0	2.0	1.8	1.7	1.7	1.5	4.2	4.0	3.3
Father only	Percent	1.1	1.7	1.9	.9	1.6	1.9	2.2	1.9	2.0
Neither parent	Percent	3.3	3.7	3.1	2.2	2.2	2.0	10.4	12.0	8.4
CHILDREN UNDER 6 YEARS OLD										
Number	1,000	20,997	19,463	20,397	17,688	15,885	16,546	2,969	2,916	3,183
Living with—										
Both parents	Percent	86.7	78.9	77.1	91.3	85.7	83.8	59.8	41.4	40.5
Mother only	Percent	9.5	15.4	19.0	6.7	11.1	13.4	26.5	39.5	50.0
Divorced	Percent	2.5	4.7	5.2	2.4	4.6	5.3	2.4	5.6	4.7
Married, spouse absent	Percent	5.2	5.4	5.4	3.4	4.1	4.5	15.6	12.8	11.1
Single (never married)	Percent	1.3	4.5	7.8	.4	1.8	3.1	6.6	19.4	33.0
Widowed	Percent	.6	.8	.6	.4	.6	.5	1.9	1.7	1.2
Father only	Percent	.6	1.1	1.5	.4	.9	1.3	1.4	1.9	2.0
Neither parent	Percent	3.2	4.6	2.5	1.6	2.3	1.5	12.3	17.2	7.5
CHILDREN 6 TO 17 YEARS OLD										
Number	1,000	48,462	43,964	42,010	41,339	36,357	34,540	6,514	6,459	6,193
Living with—										
Both parents	Percent	84.0	75.7	74.0	88.2	81.4	79.4	57.3	42.6	43.4
Mother only	Percent	11.3	19.1	20.5	8.2	14.6	16.2	30.6	45.9	45.7
Divorced	Percent	3.7	8.8	9.6	3.4	8.1	9.3	5.5	13.3	12.1
Married, spouse absent	Percent	4.4	5.8	5.7	2.5	3.8	4.2	16.5	17.7	14.9
Single (never married)	Percent	.5	2.0	2.8	.1	.6	.8	3.4	9.9	14.5
Widowed	Percent	2.6	2.6	2.4	2.2	2.1	2.0	5.2	5.0	4.3
Father only	Percent	1.3	1.9	2.1	1.1	1.9	2.1	2.6	1.9	2.1
Neither parent	Percent	3.4	3.3	3.3	2.4	2.1	2.3	9.4	9.6	8.8

[1] Includes races not shown separately. [2] Population controls based on 1980 census; see text, p. 2.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 380 and earlier reports.

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No. 71. Female Family Householders With No Spouse Present, by Race and Presence of Children: 1960 to 1982

[In thousands, except percent. 1960 to 1975 covers persons 14 years old and over; beginning 1980 covers persons 15 years old and over. 1960 census data as of April; thereafter based on Current Population Survey as of March. See headnote, table 67]

ITEM	1960	1970	1975	1980 [1]	1981	1982	WITH 1 OR MORE OWN CHILDREN, UNDER 18			
							1960	1970	1980 [1]	1982
Total families [2]	**45,128**	**51,586**	**55,712**	**59,550**	**60,309**	**61,019**	**25,661**	**28,812**	**31,022**	**31,012**
Female family householders	4,194	5,591	7,242	8,705	9,082	9,403	1,891	2,926	5,445	5,868
Percent of all families	9.3	10.8	13.0	14.6	15.1	15.4	7.4	10.2	17.6	18.9
Percent under 35 years old	17.7	24.4	32.5	34.6	34.9	34.3	35.0	43.1	52.4	51.4
White families	40,872	46,261	49,451	52,243	52,710	53,269	23,264	25,543	26,474	26,237
Female family householders	3,305	4,165	5,212	6,052	6,266	6,620	1,394	1,995	3,558	3,926
Percent of White families	8.1	9.0	10.5	11.6	11.9	12.4	6.0	7.8	13.4	15.0
Percent under 35 years old	14.7	20.8	29.0	30.8	31.7	30.8	30.7	39.8	49.2	48.1
Black families	[3] 4,256	4,887	5,498	6,184	6,317	6,413	2,397	2,984	3,820	3,918
Female family householders	[3] 889	1,382	1,940	2,495	2,634	2,605	497	912	1,793	1,821
Percent of Black families	20.9	28.3	35.3	40.3	41.7	40.6	20.7	30.6	46.9	46.5
Percent under 35 years old	28.7	35.2	42.4	44.0	42.3	42.6	47.1	50.0	59.1	59.0

[1] Population controls based on 1980 census; see text, p. 2. [2] Beginning 1970, includes other races not shown separately. [3] Black and other races.

Source: U.S. Bureau of the Census, *U.S. Census of Population, 1960*, vol. I, and *Current Population Reports*, series P-20, No. 361 and earlier reports.

No. 72. Female Family Householders With No Spouse Present—Characteristics, by Race: 1960 to 1982

[See headnote, table 71. 1970 data unrevised, therefore data will not agree with table 71]

CHARACTERISTIC	WHITE					BLACK				
	1960	1970	1980 [1]	1981	1982	1960 [2]	1970	1980 [1]	1981	1982
Female family householder (1,000)	**3,305**	**4,165**	**6,052**	**6,266**	**6,620**	**889**	**1,349**	**2,495**	**2,634**	**2,605**
Median age (years)	52.2	50.4	43.7	42.9	42.7	43.8	41.3	37.4	38.0	37.8
Percent, by marital status:										
Single (never married)	11.8	9.2	10.6	11.6	11.0	10.8	16.2	27.3	27.2	32.5
Married, spouse absent	17.6	18.5	16.9	17.0	17.5	37.4	39.7	28.6	28.7	25.6
Separated	9.6	11.4	13.9	14.2	15.0	30.2	33.8	26.8	26.6	24.1
Other	7.9	7.2	3.0	2.8	2.5	7.2	5.9	1.8	2.1	1.5
Widowed	52.5	47.0	32.7	29.9	28.6	40.2	29.9	22.2	20.8	19.7
Divorced	18.1	25.3	39.8	41.5	42.9	11.6	14.2	21.9	23.3	22.1
Percent, by presence of children under 18:										
No own children	57.8	52.0	41.2	41.1	40.7	44.4	33.5	28.1	30.8	30.1
With own children	42.2	48.0	58.8	58.9	59.3	55.6	66.6	71.9	69.2	69.9
1 child	19.2	18.8	28.1	29.5	29.6	16.9	19.1	26.3	27.4	26.2
2 children	12.0	15.0	19.9	20.4	19.8	12.8	14.4	23.2	21.7	22.1
3 children	6.1	7.8	7.4	6.0	6.8	9.4	12.5	11.1	11.5	13.2
4 or more children	5.0	6.4	3.4	3.0	3.1	16.5	20.6	11.3	8.6	8.3
Mean number of children	.85	1.00	1.03	1.00	1.02	1.57	1.83	1.51	1.39	1.39
Children under 18 in all families (mil.)	54.5	56.5	52.2	51.5	50.8	8.4	9.3	9.3	9.4	9.3
Percent living with—										
Both parents	91.9	88.1	82.8	82.5	81.2	69.2	58.7	42.5	42.9	42.8
Mother only	6.2	8.6	13.5	13.8	15.4	20.6	30.8	44.2	43.5	47.5

[1] Population controls based on 1980 census; see text, p. 2. [2] Black and other races.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 381, and series P-23, No. 50 and unpublished data.

No. 73. Families Not Maintained by Married Couple: 1970 to 1982

[Covers persons 18 years old and over. As of March. See headnote, table 67]

CHARACTERISTIC	NUMBER (1,000)							PERCENT BY MARITAL STATUS			
	1970	1975	1978	1979	1980 [1]	1981	1982	1970	1975	1980 [1]	1982
Total	**6,806**	**8,718**	**9,796**	**10,074**	**10,431**	**11,005**	**11,389**	(X)	(X)	(X)	(X)
Male householder	**1,229**	**1,492**	**1,584**	**1,641**	**1,733**	**1,931**	**1,986**	**100.0**	**100.0**	**100.0**	**100.0**
Married, wife absent	197	319	273	252	269	309	274	16.0	21.4	15.5	13.8
Widowed	422	387	378	384	421	399	364	34.3	25.9	24.3	18.3
Divorced	194	340	423	460	485	607	681	15.8	22.8	28.0	34.3
Single (never married)	416	446	510	545	558	617	666	33.8	29.9	32.2	33.5
Female householder	**5,577**	**7,226**	**8,214**	**8,433**	**8,698**	**9,074**	**9,403**	**100.0**	**100.0**	**100.0**	**100.0**
Married, husband absent	1,323	1,641	1,781	1,769	1,769	1,864	1,860	23.7	22.7	20.3	19.8
Widowed	2,396	2,559	2,381	2,465	2,570	2,463	2,462	43.0	35.4	29.5	26.2
Divorced	1,259	2,109	2,786	2,807	3,008	3,277	3,478	22.6	29.2	34.6	37.0
Single (never married)	598	917	1,265	1,392	1,353	1,471	1,604	10.7	12.7	15.6	17.1

X Not applicable. [1] Population controls based on 1980 census.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 380 and earlier reports, and unpublished data.

No. 74. Nonfamily Householders, by Marital Status: 1970 to 1982

[**In thousands of persons. 1970, 14 years old and over; 1980 and 1982, 15 years old and over.** As of **March.** Data for 1980 were revised using population controls based on 1980 census; see text, p. 2. Based on Current Population Survey; see headnote, table 67]

MARITAL STATUS	1970	1980	1982				MARITAL STATUS	1970	1980	1982			
			Total	Under 35 yr.	35-64 yr.	65 yr. and over				Total	Under 35 yr.	35-64 yr.	65 yr. and over
Males	**4,063**	**8,807**	**9,457**	**4,448**	**3,426**	**1,584**	**Females**	**7,882**	**12,419**	**13,051**	**2,919**	**3,807**	**6,325**
Single	1,765	4,371	4,600	3,297	1,053	250	Single	1,608	3,302	3,401	2,214	724	462
Married [1]	545	1,051	1,145	395	589	162	Married [1]	516	675	765	222	380	163
Widowed	996	1,177	1,220	9	279	934	Widowed	4,915	6,569	6,708	19	1,409	5,280
Divorced	756	2,209	2,491	750	1,504	238	Divorced	844	1,873	2,177	463	1,295	421

[1] No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 380 and earlier reports; and unpublished data.

No. 75. Nonfamily Households, by Age of Householder and Presence of Nonrelatives: 1970 to 1982

[**1970, persons 14 years old and over; 1980 and 1982, 15 years old and over.** See headnote, table 67]

ITEM	NONFAMILY HOUSEHOLDS		MALE HOUSEHOLDER (1,000)					FEMALE HOUSEHOLDER (1,000)				
	Total (1,000)	Percent	Total	15-24 yr.	25-44 yr.	45-64 yr.	65 yr. and over	Total	15-24 yr.	25-44 yr.	45-64 yr.	65 yr. and over
1970 (April), total	**12,430**	**100.0**	**4,629**	**[1] 571**	**1,346**	**1,395**	**1,318**	**7,801**	**[1] 512**	**815**	**2,577**	**3,897**
1-person (living alone)	11,115	89.4	3,965	[1] 345	1,134	1,263	1,224	7,150	[1] 328	695	2,421	3,706
Nonrelatives present	1,315	10.6	664	[1] 226	212	132	94	651	[1] 184	120	156	191
1980 (March), total [2]	**21,226**	**100.0**	**8,807**	**1,567**	**3,854**	**1,822**	**1,565**	**12,419**	**1,189**	**2,198**	**3,048**	**5,983**
1-person (living alone)	18,296	86.2	6,966	947	2,920	1,613	1,486	11,330	779	1,809	2,901	5,842
Nonrelatives present	2,930	13.8	1,841	620	934	209	79	1,089	410	389	147	141
1982 (March), total	**22,508**	**100.0**	**9,457**	**1,430**	**4,447**	**1,997**	**1,584**	**13,051**	**1,059**	**2,674**	**2,993**	**6,325**
1-person (living alone)	19,354	86.0	7,482	841	3,365	1,784	1,492	11,872	670	2,196	2,826	6,180
Nonrelatives present	3,154	14.0	1,975	589	1,081	213	91	1,179	388	480	166	145

[1] Persons 14-24 years old. [2] Population controls based on 1980 census; see text, p. 2.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. II, part 4B; *Current Population Reports*, series P-20, Nos. 380 and 381; and unpublished data.

No. 76. Persons Living Alone, by Age and Sex: 1960 to 1982

[**1960** census data as of **April**; thereafter, based on Current Population Survey as of **March.** See headnote, table 67]

SEX AND AGE	NUMBER OF PERSONS (1,000)							PERCENT DISTRIBUTION				
	1960	1965 [1]	1970	1975	1980 [2]	1981	1982	1960	1970	1975	1980 [2]	1982
Both sexes	**7,064**	**8,602**	**10,851**	**13,939**	**18,296**	**18,936**	**19,354**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
14-24 years [3]	234	305	556	1,111	1,726	1,651	1,511	3.3	5.1	8.0	9.4	7.8
25-44 years	1,212	1,281	1,604	2,744	4,729	5,138	5,560	17.2	14.8	19.7	25.8	28.7
45-64 years	2,720	3,073	3,622	4,076	4,514	4,663	4,611	38.5	33.4	29.2	24.7	23.8
65 years and over	2,898	3,943	5,071	6,008	7,328	7,484	7,673	41.0	46.7	43.1	40.1	39.6
Male	**2,628**	**2,923**	**3,532**	**4,918**	**6,966**	**7,253**	**7,482**	**37.2**	**32.5**	**35.3**	**38.1**	**38.7**
14-24 years [3]	124	141	274	610	947	899	841	1.8	2.5	4.4	5.2	4.3
25-44 years	686	737	933	1,689	2,920	3,189	3,365	9.7	8.6	12.1	16.0	17.4
45-64 years	965	1,013	1,152	1,329	1,613	1,715	1,784	13.7	10.6	9.5	8.8	9.2
65 years and over	853	1,033	1,174	1,290	1,486	1,450	1,492	12.1	10.8	9.3	8.1	7.7
Female	**4,436**	**5,679**	**7,319**	**9,021**	**11,330**	**11,683**	**11,872**	**62.8**	**67.5**	**64.7**	**61.9**	**61.3**
14-24 years [3]	110	164	282	501	779	752	670	1.6	2.6	3.6	4.3	3.5
25-44 years	526	544	671	1,055	1,809	1,949	2,196	7.4	6.2	7.6	9.9	11.3
45-64 years	1,755	2,060	2,470	2,747	2,901	2,948	2,826	24.8	22.8	19.7	15.9	14.6
65 years and over	2,045	2,910	3,897	4,718	5,842	6,034	6,180	28.9	35.9	33.8	31.9	31.9

[1] Data were not revised using population controls from 1970 census; see text, p. 2. [2] Population controls based on 1980 census. [3] Beginning 1980, persons 15-24 years old.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, Subject Report, PC(2)-4B; *Current Population Reports*, series P-20, No. 380 and earlier reports; and unpublished data.

No. 77. Population in Institutions and Other Group Quarters, by Race, Type of Quarters, and Sex: 1960 to 1980

[*In thousands.* As of **April 1.** Based on sample data and subject to sampling variability; see text, p. 1 and Appendix III. See *Historical Statistics, Colonial Times to 1970,* series A 359-371, for inmates of institutions]

Race and type of quarters	1960			1970			1980, total
	Total	Male	Female	Total	Male	Female	
Total	**4,902**	**3,122**	**1,780**	**5,786**	**3,438**	**2,349**	**5,736**
White	4,253	2,664	1,589	5,037	2,909	2,129	(NA)
Black and other	649	458	190	749	529	220	(NA)
Institutional inmates	1,887	1,117	770	2,127	1,126	1,000	2,492
Homes for the aged and dependent	470	188	282	928	299	629	1,426
Mental hospitals and residential treatment centers	630	336	294	434	245	189	245
Correctional institutions	346	330	16	328	314	15	
Tuberculosis hospitals	65	46	19	17	12	5	
Chronic disease hospitals (excl. TB and mental)	42	25	17	67	38	29	
Homes and schools for the mentally handicapped	175	95	80	202	114	88	
Homes and schools for the physically handicapped	24	13	11	23	16	6	821
Homes for dependent and neglected children	73	41	32	48	28	19	
Homes for unwed mothers	3	1	3	4	(Z)	4	
Training schools for juvenile delinquents	46	34	12	66	53	14	
Detention homes	11	8	3	10	7	4	
Diagnostic and reception centers	1	1	(Z)	(NA)	(NA)	(NA)	
College dormitories	829	455	374	1,765	891	874	1,994
Military barracks	868	868	(NA)	1,025	1,005	20	
Rooming and boarding houses	634	400	234	330	191	139	1,252
Other	684	282	402	539	224	315	

NA Not available. Z Fewer than 500.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960,* vol. I, chapter D, and vol. II; *Census of Population: 1970,* vols. I and II; and *1980 Census of Population and Housing,* vol. 4 (series PHC80-4).

No. 78. Population in Group Quarters, by Selected Type—States: 1980

[As of **April 1.** Based on a sample and subject to sampling variability, see text, p.1 and Appendix III. For composition of regions, see *fig. I inside front cover*]

Region, division and state	Total persons in group quarters [1]	Inmates of mental hospital	Inmates of home for the aged	In college dormitory
U.S	**5,738,423**	**245,029**	**1,426,371**	**1,994,282**
Regions:				
Northeast	1,289,828	80,652	327,319	512,126
No. Central	1,497,156	57,029	472,568	580,885
South	1,928,537	71,051	396,554	655,598
West	1,022,902	36,297	229,930	245,673
N.E	**408,149**	**16,248**	**106,344**	**187,896**
Maine	36,936	1,259	9,570	15,705
N.H	29,556	700	6,673	16,454
Vt	20,992	550	4,354	13,597
Mass	197,940	8,568	49,726	93,690
R.I	33,995	1,500	8,146	16,314
Conn	88,730	3,671	27,873	32,136
M.A	**881,679**	**64,404**	**220,975**	**324,230**
N.Y	448,898	36,078	114,276	155,061
N.J	135,512	8,807	34,414	37,227
Pa	297,269	19,519	72,285	131,942
E.N.C	**972,160**	**40,848**	**295,088**	**378,958**
Ohio	228,653	11,102	71,479	90,229
Ind	145,755	5,606	40,112	72,654
Ill	271,054	9,975	80,410	89,020
Mich	197,786	9,620	55,805	79,033
Wis	128,912	4,545	48,282	48,022
W.N.C	**524,996**	**16,181**	**176,480**	**201,927**
Minn	118,738	4,732	44,553	43,086
Iowa	96,389	2,637	36,217	41,849
Mo	127,643	4,117	37,942	47,243
N. Dak	27,118	1,129	7,486	10,977
S. Dak	26,154	559	8,087	10,744
Nebr	48,493	805	17,650	19,120
Kans	80,461	2,202	24,545	28,908
S.A	**992,590**	**41,254**	**163,080**	**331,459**
Del	16,223	560	2,771	7,616
Md	94,182	6,141	19,821	31,613
D.C	31,795	2,215	2,866	15,974
Va	176,852	9,723	24,323	58,296
W. Va	34,869	1,443	6,355	17,534
N.C	194,682	5,220	29,596	78,207
S.C	105,874	4,190	11,666	37,931
Ga	142,344	3,674	29,376	39,897
Fla	195,769	8,088	36,306	44,991
E.S.C	**357,085**	**13,496**	**77,060**	**138,284**
Ky	103,368	2,067	23,591	34,247
Tenn	111,441	6,215	22,014	47,525
Ala	77,991	2,560	18,702	29,059
Miss	64,285	2,654	12,753	27,453
W.S.C	**578,862**	**16,301**	**156,414**	**185,855**
Ark	51,610	1,394	18,631	19,226
La	96,375	3,936	22,776	35,467
Okla	90,189	1,580	25,732	34,678
Tex	340,688	9,391	89,275	96,484
Mt	**234,371**	**6,808**	**47,139**	**84,004**
Mont	20,128	747	5,479	8,160
Idaho	18,985	510	5,084	9,295
Wyo	9,037	608	2,198	3,657
Colo	74,198	1,964	16,109	25,691
N. Mex	22,573	622	2,585	9,302
Ariz	51,999	1,358	8,424	13,689
Utah	25,339	656	4,921	10,887
Nev	12,112	343	2,339	2,323
Pac	**788,531**	**29,489**	**182,791**	**161,669**
Wash	109,060	3,275	27,970	30,302
Oreg	57,616	2,357	16,052	20,226
Calif	566,056	23,118	134,756	104,292
Alaska	16,243	154	854	1,371
Hawaii	39,556	585	3,159	5,478

[1] Includes persons in other group quarters, not shown separately.

Source: U.S. Bureau of the Census, *1980 Census of Population and Housing,* vol. 4 (series PHC80-4).

No. 79. Religious Bodies—Selected Data

[Represents latest information available from religious bodies with memberships of 50,000 or more; excludes a few groups giving no data. Not all groups follow same calendar year nor count membership in same way; some groups give only approximate figures. Roman Catholics count all baptized persons, including infants; Jewish statistics are estimates of the number of persons living in Jewish households including as a consequence of intermarriage, approximately 7.4 percent non-Jewish persons. Eastern Orthodox Churches include all persons in their nationality or cultural groups; most Protestant bodies count only persons who have attained full membership, and previous estimates have indicated that all but a small minority of these are over 13 years of age; however, many Lutheran bodies and The Episcopal Church now report all baptized persons, and not only those confirmed. Data which appear in italics are "noncurrent," i.e., they are reported for **1980 or earlier.** All other data are "current" and were reported in **1981** or **1982**]

RELIGIOUS BODY	Year	Churches reported	Membership (1,000)	Pastors serving parishes	Sunday school enrollment[1] (1,000)
Total	(X)	**339,053**	**138,453**	**291,722**	**31,647**
Bodies with membership of 50,000 or more	(X)	**325,133**	**136,948**	**274,561**	**31,231**
Current data	(X)	208,275	107,904	181,261	31,231
Noncurrent data	(X)	*116,858*	*29,044*	*93,320*	(NA)
African Methodist Episcopal Church	1981	6,200	2,210	6,050	120
African Methodist Episcopal Zion Church	*1980*	*6,020*	*1,134*	*6,491*	(NA)
American Baptist Association	1982	1,641	225	(NA)	(NA)
American Baptist Churches in the U.S.A.	*1980*	*5,817*	*1,608*	*3,954*	(NA)
American Carpatho-Russian Orthodox Greek Catholic Church	*1976*	*70*	*100*	*61*	(NA)
American Lutheran Church, The	1981	4,865	2,346	4,490	599
Antiochian Orthodox Christian Archdiocese of North America, The	*1977*	*110*	*152*	*120*	(NA)
Apostolic Overcoming Holy Church of God	*1956*	*300*	*75*	*300*	(NA)
Armenian Apostolic Church of America	*1972*	*29*	*125*	*23*	(NA)
Armenian Church of America, Diocese of the (incl. Diocese of California)	*1979*	*66*	*450*	*45*	(NA)
Assemblies of God	1981	9,930	1,788	13,795	1,382
Baptist General Conference	1981	715	128	842	104
Baptist Missionary Association of America	1981	1,390	228	1,400	103
Buddhist Churches of America	*1975*	*60*	*60*	*80*	(NA)
Bulgarian Eastern Orthodox Church (Diocese of N. and S. America and Australia)	*1971*	*13*	*86*	(NA)	(NA)
Christian and Missionary Alliance	1981	1,436	195	1,335	157
Christian Church (Disciples of Christ)	1981	4,296	1,173	4,033	351
Christian Churches and Churches of Christ	1981	5,605	1,063	6,121	(NA)
Christian Congregation, Inc., The	1981	1,426	100	1,426	58
Christian Methodist Episcopal Church	1981	2,883	787	2,483	118
Christian Reformed Church in North America	1981	634	215	544	52
Church of God, The	*1978*	*2,035*	*76*	*1,910*	(NA)
Church of God (Anderson, Ind.)	1981	2,275	179	1,829	222
Church of God (Cleveland, Tenn.)	1981	5,281	457	9,203	402
Church of God in Christ, The	1982	9,982	3,710	9,204	2,315
Church of God in Christ, International, The	1982	300	200	700	(NA)
Church of God of Prophecy, The	1981	1,977	73	(NA)	(NA)
Church of Jesus Christ of Latter-day Saints, The	1981	7,686	3,490	23,058	3,270
Church of the Brethren	1981	1,064	170	(NA)	(NA)
Church of the Nazarene	1981	4,888	492	3,911	876
Churches of Christ	*1980*	*12,271*	*1,600*	(NA)	(NA)
Community Churches, National Council of	*1979*	*185*	*190*	*210*	(NA)
Congregational Christian Churches, National Association of	1982	442	107	518	(NA)
Conservative Baptist Association of America	*1980*	*1,126*	*225*	(NA)	(NA)
Coptic Orthodox Church	*1980*	*25*	*100*	*22*	(NA)
Cumberland Presbyterian Church	1981	833	98	457	50
Episcopal Church, The	1981	7,234	2,767	7,474	552
Evangelical Covenant Church of America	1981	542	80	473	69
Evangelical Free Church of America	1982	805	104	930	100
Evangelical Lutheran Churches, The Association of	1981	270	109	334	23
Free Methodist Church of North America	1981	1,010	70	853	106
Free Will Baptists	1981	2,479	217	2,788	178
Friends United Meeting	1981	532	60	319	27
Full Gospel Fellowship of Churches and Ministers, International	1982	420	65	780	45
General Association of Regular Baptist Churches	1981	1,571	301	2,000	300
General Baptist (General Association of)	1981	870	75	(NA)	(NA)
Greek Orthodox Archdiocese of North and South America	*1977*	*535*	*1,950*	*610*	(NA)
Independent Fundamental Churches of America	*1980*	*1,019*	*120*	*762*	(NA)
International Church of the Foursquare Gospel	*1963*	*714*	*89*	*741*	(NA)
Jehovah's Witnesses	1981	7,590	589	(X)	(NA)
Jews[2]	1981	3,500	5,921	(NA)	(NA)
Lutheran Church in America	1981	5,801	2,922	5,071	671

See footnotes at end of table.

NO. 79. RELIGIOUS BODIES—SELECTED DATA—Continued

[See headnote, p. 57]

RELIGIOUS BODY	Year	Churches reported	Membership (1,000)	Pastors serving parishes	Sunday school enrollment[1] (1,000)
Bodies with membership of 50,000 or more—Con.					
Lutheran Church—Missouri Synod, The	1981	5,710	2,637	4,733	644
Mennonite Church	1981	1,151	100	1,820	120
National Baptist Convention of America	*1956*	*11,398*	*2,669*	*7,598*	(NA)
National Baptist Convention, U.S.A., Inc	*1958*	*26,000*	*5,500*	*26,000*	(NA)
National Primitive Baptist Convention, Inc	*1975*	*606*	*250*	*460*	(NA)
North American Old Roman Catholic Church	1981	139	62	107	13
Old Order Amish Church	1981	589	82	2,356	(NA)
Orthodox Church in America	*1978*	*440*	*1,000*	*457*	(NA)
Pentecostal Church of God	1981	1,118	84	(NA)	(NA)
Pentecostal Holiness Church	*1977*	*2,340*	*86*	*1,329*	(NA)
Plymouth Brethren	1982	1,100	98	(NA)	(NA)
Polish National Catholic Church of America	*1960*	*162*	*282*	*141*	(NA)
Presbyterian Church in America	1981	698	137	(NA)	65
Presbyterian Church in the U.S	1981	4,174	823	3,206	381
Primitive Baptists	*1960*	*1,000*	*72*	(NA)	(NA)
Progressive National Baptist Convention, Inc	*1967*	*655*	*522*	(NA)	(NA)
Reformed Church in America	1981	910	346	826	104
Reorganized Church of Jesus Christ of Latter-day Saints	*1980*	*1,056*	*190*	*16,574*	(NA)
Roman Catholic Church, The	1981	24,277	51,208	(NA)	8,022
Russian Orthodox Church in the U.S.A., Patriarchal Parishes of the	*1975*	*41*	*52*	*55*	(NA)
Russian Orthodox Church Outside of Russia, The	*1955*	*81*	*55*	*92*	(NA)
Salvation Army, The	1981	1,062	415	2,535	103
Serbian Eastern Orthodox Church for the U.S.A. and Canada	1981	77	95	61	4
Seventh-day Adventists	1981	3,769	589	2,006	441
Southern Baptist Convention	1981	36,022	13,763	35,700	7,521
Triumph the Church and Kingdom of God in Christ (International)	*1972*	*475*	*54*	*860*	(NA)
Ukrainian Orthodox Church in the U.S.A	*1966*	*107*	*88*	*107*	(NA)
Unitarian Universalist Association	1982	935	132	473	36
United Church of Christ	1981	6,443	1,726	4,677	473
United Free Will Baptist Church	*1952*	*836*	*100*	*784*	(NA)
United Methodist Church, The	*1980*	*38,417*	*9,519*	*20,558*	(NA)
United Pentecostal Church, International	*1980*	*2,849*	*465*	*2,956*	(NA)
United Presbyterian Church in the U.S.A., The	1981	8,868	2,379	8,017	805
Wesleyan Church, The	1981	1,711	104	1,321	202
Wisconsin Evangelical Lutheran Synod	1981	1,149	410	1,001	47
Bodies with membership of less than 50,000	(X)	**13,920**	**1,505**	**17,141**	**416**

NA Not available. X Not applicable. [1] Includes pupils, officers, and teachers. [2] Estimate of size of Jewish community provided by American Jewish Yearbook.

Source: National Council of the Churches of Christ in the United States of America, New York, N.Y., *Yearbook of American and Canadian Churches*, annual. (Copyright.)

NO. 80. RELIGIOUS BODIES—CHURCH MEMBERSHIP, 1960 TO 1981, AND NUMBER OF CHURCHES, 1981

[Membership in thousands, except as indicated. See headnote, table 79. See also *Historical Statistics, Colonial Times to 1970*, series H 793-799]

RELIGIOUS BODY	MEMBERSHIP						Number of churches, 1981
	1960	1965	1970	1975	1980	1981	
Total	**114,449**	**124,682**	**131,046**	**131,012**	**134,817**	**138,453**	**339,053**
Members as percent of population[1]	64	64	63	61	59	60	(X)
Average members per local church	359	382	399	393	401	408	(X)
Buddhist Churches of America	20	92	100	60	60	60	60
Eastern Churches	2,699	3,172	3,850	3,698	3,823	3,853	1,628
Jews[2]	5,367	5,600	5,870	6,115	5,920	5,921	3,500
Old Catholic, Polish National Catholic, and Armenian Churches	590	484	848	846	924	921	407
The Roman Catholic Church	42,105	46,246	48,215	48,882	50,450	51,208	24,277
Protestants[3]	63,669	69,088	71,713	71,043	73,479	76,339	308,049
Miscellaneous[4]			449	372	161	151	1,132

X Not applicable. [1] Based on Bureau of the Census estimated total population as of July 1. [2] Estimates of the Jewish community including those identified with Orthodox, Conservative and Reformed synagogues or temples. [3] Includes nonprotestant bodies such as "Latter-day Saints" and "Jehovah's Witnesses." [4] Includes non-Christian bodies such as "Spiritualists," "Ethical Culture Movement," and "Unitarian-Universalists."

Source: National Council of the Churches of Christ in the United States of America, New York, N.Y., *Yearbook of American and Canadian Churches*, annual. (Copyright.)

NO. 81. RELIGIOUS BODIES—CHURCH CONTRIBUTIONS

[Data are for 45 U.S. Communions reporting primarily in 1981, although a few report 1980 or 1982 data. Data are incomplete as not all U.S. churches have current data available. For additional data, see source]

RELIGIOUS BODY	CONTRIBUTIONS		Congregational finances ($1,000)	BENEVOLENCES [2]	
	Total ($1,000)	Per capita inclusive membership [1]		Total ($1,000)	Percent of total contributions
United States Communions	**9,990,386**	**$220.66**	**8,014,053**	**1,976,333**	**19.8**
American Baptist Churches in the U.S	250,694	155.95	213,561	37,133	14.8
The American Lutheran Church	426,258	181.68	330,156	96,103	22.6
Baptist General Conference	65,332	511.76	53,499	11,833	18.1
Brethren in Christ Church	8,523	526.05	6,782	1,741	20.4
Christian Church (Disciples of Christ)	242,896	207.05	211,829	31,067	12.8
Church of God General Conference, Oregon, Ill	2,191	366.38	1,788	403	18.4
Church of God (Anderson, Indiana)	93,230	522.06	78,323	14,907	15.9
Church of the Brethren	44,570	261.76	31,641	12,929	29.0
Church of the Lutheran Confession	1,952	211.93	1,574	378	19.4
Church of the Nazarene	234,705	476.85	203,146	31,559	13.5
Churches of God, General Conference	10,697	307.63	8,822	1,875	17.5
Conservative Congregational Christian Conference	10,881	435.05	8,466	2,415	22.2
Cumberland Presbyterian Church	20,730	212.40	17,225	3,505	16.9
The Episcopal Church	697,816	252.15	598,612	99,205	14.2
Evangelical Congregational Church	8,624	314.67	6,889	1,735	20.1
The Evangelical Covenant Church of America	46,575	585.68	37,885	8,690	18.7
Evangelical Lutheran Churches, Association of	24,977	228.24	22,214	2,763	11.1
Evangelical Lutheran Synod	4,178	211.06	3,461	717	17.2
Evangelical Mennonite Church	2,424	645.97	1,516	908	37.5
Friends United Meeting	12,001	199.74	9,552	2,450	20.4
Full Gospel Assemblies International	414	118.36	323	91	21.9
General Association of Regular Baptist Churches	106,152	352.85	87,465	18,688	17.6
General Baptists (General Association of)	17,289	230.43	15,816	1,473	8.5
Latvian Evangelical Lutheran Church in America, The	1,785	133.60	1,585	200	11.2
Lutheran Church in America	487,163	166.73	404,301	82,862	17.0
Lutheran Church, Missouri Synod	516,252	195.75	429,910	86,341	16.7
Mennonite Brethren Churches, General Conference of	8,412	492.95	5,274	3,139	37.3
Mennonite Church	48,752	489.23	31,304	17,448	35.8
Mennonite Church, The General Conference	12,778	348.71	6,797	5,981	46.8
Missionary Church, Inc	19,388	783.59	16,438	2,950	15.2
Moravian Church in America, Northern Province	6,507	205.74	5,675	831	12.8
North American Baptist Conference	19,934	462.00	15,513	4,420	22.2
Orthodox Presbyterian Church, The	7,322	428.01	5,940	1,382	18.9
Presbyterian Church in the United States	305,553	371.20	244,778	60,775	19.9
Primitive Methodist Church, U.S.A	3,422	342.90	2,920	502	14.7
Reformed Church in America	95,254	275.49	77,045	18,209	19.1
Reformed Episcopal Church	1,500	241.94	1,200	300	20.0
Seventh-Day Baptist General Conference, USA and Canada	1,266	252.70	1,013	252	19.9
Seventh-day Adventists	430,926	732.20	133,088	297,838	69.1
Southern Baptist Convention	2,779,994	201.70	2,336,063	443,931	16.0
United Church of Christ	349,060	202.17	300,731	48,329	13.9
United Methodist Church, The	1,632,204	171.46	1,271,638	360,566	22.1
United Presbyterian Church in the U.S.A., The	779,665	327.69	651,864	127,801	16.4
The Wesleyan Church	63,824	615.40	52,377	11,447	17.9
Wisconsin Evangelical Lutheran Synod	86,317	210.38	68,056	18,261	21.2

[1] Inclusive membership refers to those who are full, communicant, or confirmed members, plus other members listed as baptized, or nonconfirmed, or noncommunicant. [2] Benevolences are funds allocated *outside* of local churches to such agencies as domestic denominational church boards and societies, regional offices (dioceses, conferences, synods, etc.) and in support of national church operations usually at the national headquarters of a religious body. They also include funds sent overseas for missions, projects of relief, resettlement and rehabilitation, and special charitable appeals both religious and secular.

Source: National Council of the Churches of Christ in the United States of America, New York, N.Y., *Yearbook of American and Canadian Churches,* annual. (Copyright.)

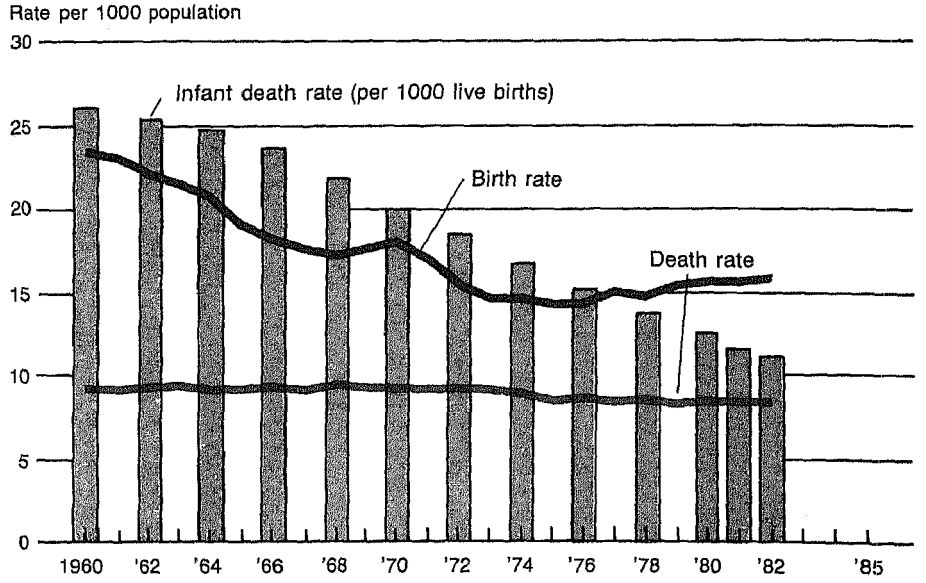
NO. 82. NATIONAL NONPROFIT ASSOCIATIONS—NUMBER, BY TYPE: 1970 TO 1982

TYPE	1970	1975	1980	1982	TYPE	1970	1975	1980	1982
Total	[1] **10,734**	**12,866**	**14,726**	**16,518**	Public affairs	498	835	1,068	1,421
Trade, business, commercial	2,895	2,837	3,118	3,344	Fraternal, foreign interest, nationality, ethnic	610	460	435	441
Agriculture	508	612	677	763	Religious	806	796	797	839
Legal, governmental, public administration, military	346	450	529	612	Veteran, hereditary, patriotic	198	213	208	216
Scientific, engineering, tech	548	874	1,039	1,171	Hobby, avocational	444	681	910	1,086
Educational and cultural	1,383	2,132	2,376	2,578	Athletic sports	336	449	504	631
Social welfare	475	777	994	1,160	Labor unions	226	234	235	243
Health, medical	830	1,138	1,413	1,582	Chambers of Commerce [2]	110	112	105	110
					Greek letter societies	334	326	318	321

[1] Includes associations not shown separately. [2] National, binational, and international.

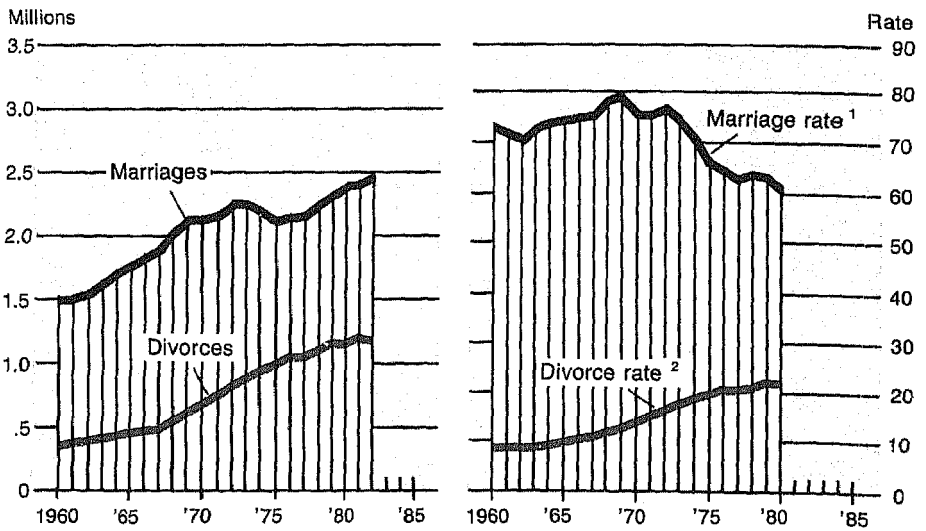
Source: Gale Research Co., Detroit, Mich. Compiled from *Encyclopedia of Associations.* (Copyright.)

Figure 2.1
Birth and Death Rates: 1960 to 1982

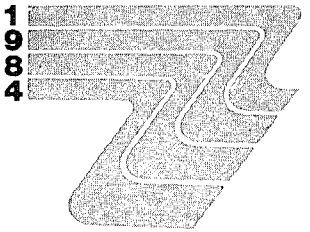


Source: Chart prepared by U.S. Bureau of the Census. For data, see table 83.

Figure 2.2
Marriages and Divorces: 1960 to 1982



1 Rate per 1000 unmarried women, 15 years old and over.
2 Rate per 1000 married women, 15 years old and over.
Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 83 and 120.



Section 2

Vital Statistics

This section presents vital statistics—data on births; deaths; abortions; fetal deaths, including stillbirths; fertility; life expectancy; marriages; and divorces. Vital statistics are compiled for the country as a whole by the National Center for Health Statistics (NCHS) and published in its annual report, *Vital Statistics of the United States,* in certain reports of the *Vital and Health Statistics* series, and in the *Monthly Vital Statistics Report.* Reports in this field are also issued by the various State bureaus of vital statistics. Data on fertility, on age of persons at first marriage, and on marital status and marital history are compiled by the Bureau of the Census from its Current Population Survey (CPS; see text, p. 2) and published in *Current Population Reports,* series P-20. Data on abortions are published by the Alan Guttmacher Institute, New York, N.Y. in selected issues of *Family Planning Perspectives* and by the U.S. Centers for Disease Control in the annual *Abortion Surveillance Report—Legal Abortions.*

Registration of vital events.—The registration of births, deaths, fetal deaths, and other vital events in the United States is primarily a State and local function. The civil laws of every State provide for a continuous and permanent birth- and death-registration system. Many States also provide for marriage- and divorce-registration systems. Vital events occurring to U.S. residents outside the United States are not included in the data.

Births and deaths.—The live-birth, death, and fetal-death statistics prepared by NCHS are based on copies of vital records received from registration offices of all States, of New York City, and of the District of Columbia. The annual collection of death statistics on a national basis began in 1900 with a national death-registration area of 10 States and the District of Columbia; a similar annual collection of birth statistics for a national birth-registration area began in 1915, also with 10 reporting States and the District of Columbia. Since 1933, the birth- and death-registration areas have comprised the entire United States, including Alaska (beginning 1959) and Hawaii (beginning 1960). National statistics on fetal deaths were first compiled for 1918 and annually since 1922.

Prior to 1951, birth statistics came from a complete count of records received in the Public Health Service (now received in NCHS). From 1951 through 1971, they were based on a 50-percent sample of all registered births (except for a complete count in 1955 and a 20- to 50-percent sample in 1967). Beginning in 1972, they have been based on a complete count for States in the Cooperative Health Statistics System (for details, see the technical appendix in *Vital Statistics of the United States*) and on a 50-percent sample of all other areas. Mortality data have been based on a complete count of records for each area (except for a 50-percent sample in 1972). Beginning in 1970, births to, and deaths of nonresident aliens of the United States and U.S. citizens outside the United States have been excluded from the data. Fetal deaths and deaths among Armed Forces abroad are excluded. Data based on samples are subject to sampling error; for details, see annual issues of *Vital Statistics of the United States.*

Mortality statistics by cause of death are compiled in accordance with World Health Organization regulations according to the *International Classification of Diseases* (ICD). The ICD is revised approximately every 10 years. The ninth revision of the ICD was employed for 1979 and 1980 data shown here. Deaths for prior years were classified according to the revision of the ICD in use at the time. Each revision of the ICD introduces a number of discontinuities in mortality statistics; for a discussion of those between the eighth and ninth revisions of the ICD, see *Monthly Vital Statistics Report,* vol. 28, No. 11, supplement.

Some of the tables present age-adjusted death rates in addition to crude death rates. Age adjusted death rates shown in this section were prepared using the direct method, in which age-specific death rates for a population of interest are applied to a standard population distributed by age. Age adjustment eliminates the differences in observed rates between points in time or among compared population groups that result from age differences in population composition.

Abortions.—The U.S. Centers for Disease Control (CDC) collects data on abortions annually from States which have a central health agency with a statewide reporting system. The Alan Guttmacher Institute, New York, N.Y. also issues data on the number of abortions based on its own surveys of hospitals and physicians. The Guttmacher Institute also publishes data on the characteristics of abortions after adjusting CDC data for changes in the number of States reporting each year.

Fertility and life expectancy.—The total fertility rate, defined as the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year, is compiled and published by NCHS. Other data relating to social and medical factors which affect fertility rates, such as contraceptive use and birth expectations, are collected and made available by both NCHS and the Bureau of the Census. NCHS figures are based on information in birth and fetal death certificates and on the 1973 and 1976 National Surveys of Family Growth; Bureau of the Census data are based on decennial censuses and the CPS.

Data on life expectancy, the average remaining lifetime in years for persons who attain a given age, are computed and published by NCHS. For details, see the technical appendix in *Vital Statistics of the United States.*

Marriage and divorce.—The compilation of nationwide statistics on marriages and divorces in the United States began in 1887–1888 when the National Office of Vital Statistics prepared estimates for the years 1867–1886. Although periodic updates took place after 1888, marriage and divorce statistics were not collected and published annually until 1944 by that Office. In 1957 and 1958, respectively, the same Office established marriage- and divorce-registration areas. Beginning in 1957, the marriage-registration area comprised 30 States, plus Alaska, Hawaii, Puerto Rico, and the Virgin Islands; by 1980 it included 42 States and the District of Columbia. The divorce-registration area, starting in 1958 with 14 States, Alaska, Hawaii, and the Virgin Islands, included by 1980 a total of 30 States and the Virgin Islands. Procedures for estimating the number of marriages and divorces in the registration States are discussed in *Vital Statistics of the United States, Vol. III—Marriage and Divorce.* Total counts of events for registration and nonregistration States are gathered by collecting already summarized data on marriages and divorces reported by State offices of vital statistics and by county offices of registration.

Another important source of data on marriage and divorce trends in the United States is the March supplement to the Current Population Survey conducted by the Bureau of the Census. For information on marital status, see section 1.

Vital statistics rates.—Except as noted, vital statistics rates computed by NCHS are based on decennial census population figures as of April 1 for 1940, 1950, 1960, 1970, and 1980; and on midyear population figures for other years, as estimated by the Bureau of the Census (see text, p. 2).

Race.—Data by race for births, deaths, marriages, and divorces from NCHS are based on information contained in the certificates of registration. The Census Bureau's Current Population Survey obtains information on race by asking respondents to classify their race as 1) White, 2) Black, 3) American Indian, Eskimo, or Aleut, or 4) Asian or Pacific Islander.

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures, and measures of statistical reliability applicable to Census Bureau and NCHS data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 83. Live Births, Deaths, Marriages, and Divorces: 1910 to 1982

[Prior to 1960, excludes Alaska and Hawaii. Figures for deaths and death rates for 1910-1930 are for death-registration States only. Beginning 1970, excludes births to, and deaths of, nonresidents of the U.S. See Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 1-5, B 142, B 167, B 214, and B 216]

Year	Number (1,000)					Rate per 1,000 population				
	Births [1]	Deaths		Marriages [3]	Divorces [4]	Births [1]	Deaths		Marriages [3]	Divorces [4]
		Total	Infant [2]				Total	Infant [2]		
1910	2,777	697	(NA)	948	83	30.1	14.7	(NA)	10.3	.9
1915	2,965	916	78	1,008	104	29.5	13.2	99.9	10.0	1.0
1920	2,950	1,118	130	1,274	171	27.7	13.0	85.8	12.0	1.6
1925	2,909	1,192	135	1,188	175	25.1	11.7	71.7	10.3	1.5
1930	2,618	1,327	142	1,127	196	21.3	11.3	64.6	9.2	1.6
1935	2,377	1,393	120	1,327	218	18.7	10.0	55.7	10.4	1.7
1940	2,559	1,417	111	1,596	264	19.4	10.8	47.0	12.1	2.0
1945	2,858	1,402	105	1,613	485	20.4	10.6	38.3	12.2	3.5
1950	3,632	1,452	104	1,667	385	24.1	9.6	29.2	11.1	2.6
1955	4,097	1,529	107	1,531	377	25.0	9.3	26.4	9.3	2.3
1957	4,300	1,633	112	1,518	381	25.3	9.6	26.3	8.9	2.2
1960	4,258	1,712	111	1,523	393	23.7	9.5	26.0	8.5	2.2
1965	3,760	1,828	93	1,800	479	19.4	9.4	24.7	9.3	2.5
1966	3,606	1,863	86	1,857	499	18.4	9.5	23.7	9.5	2.5
1967	3,521	1,851	79	1,927	523	17.8	9.4	22.4	9.7	2.6
1968	3,502	1,930	76	2,069	584	17.5	9.7	21.8	10.4	2.9
1969	3,600	1,922	75	2,145	639	17.8	9.5	20.7	10.6	3.2
1970	3,731	1,921	75	2,159	708	18.4	9.5	20.0	10.6	3.5
1971	3,556	1,928	68	2,190	773	17.2	9.3	19.1	10.6	3.7
1972	3,258	1,964	60	2,282	845	15.6	9.4	18.5	10.9	4.0
1973	3,137	1,973	56	2,284	915	14.8	9.3	17.7	10.8	4.3
1974	3,160	1,934	53	2,230	977	14.8	9.1	16.7	10.5	4.6
1975	3,144	1,893	51	2,153	1,036	14.6	8.8	16.1	10.0	4.8
1976	3,168	1,909	48	2,155	1,083	14.6	8.8	15.2	9.9	5.0
1977	3,327	1,900	47	2,178	1,091	15.1	8.6	14.1	9.9	5.0
1978	3,333	1,928	46	2,282	1,130	15.0	8.7	13.8	10.3	5.1
1979	3,494	1,914	46	2,331	1,181	15.6	8.5	13.1	10.4	5.3
1980	3,612	1,990	46	2,390	1,189	15.9	8.8	12.6	10.6	5.2
1981	3,646	1,987	43	2,438	1,219	15.9	8.7	11.7	10.6	5.3
1982	3,704	1,986	42	2,495	1,180	16.0	8.6	11.2	10.8	5.1

NA Not available. [1] Through 1957, adjusted for underregistration. [2] Infants under 1 year, excluding fetal deaths; rates per 1,000 registered live births. [3] Includes estimates for some States through 1969 and also for 1976 and 1977 and marriage licenses for some States for all years except 1973 and 1975. Beginning 1978 includes nonlicensed marriages in California. [4] Includes reported annulments and some estimated State figures for all years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and unpublished data.

No. 84. Total Fertility Rate and Intrinsic Rate of Natural Increase: 1940 to 1980

[Excludes Alaska prior to 1959 and Hawaii prior to 1960. Prior to 1960, based on births adjusted for underregistration; thereafter, registered births only. Beginning 1970, excludes births to nonresidents of United States. The *total fertility rate* is the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year. A total fertility rate of 2,110 represents "replacement level" fertility for the total population under current mortality conditions (assuming no net immigration). The *intrinsic rate of natural increase* is the rate that would eventually prevail if a population were to experience, at each year of age, the birth rates and death rates occurring in the specified year and if those rates remained unchanged over a long period of time. Minus sign (−) indicates decrease. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series B 11]

Annual average and year	Total fertility rate			Intrinsic rate of natural increase			Year	Total fertility rate			Intrinsic rate of natural increase		
	Total	White	Black and other	Total	White	Black and other		Total	White	Black and other	Total	White	Black and other
1940-1944	2,523	2,460	3,010	4.6	3.9	9.8	1969	2,456	2,360	3,061	5.7	4.1	15.4
1945-1949	2,985	2,916	3,485	11.7	10.9	17.2	1970	2,480	2,385	3,067	6.0	4.5	14.4
1950-1954	3,337	3,221	4,185	16.8	15.4	25.7	1971	2,267	2,161	2,920	2.6	.8	12.6
1955-1959	3,690	3,549	4,716	21.1	19.5	30.7	1972	2,010	1,907	2,628	−2.0	−3.9	8.6
1960-1964	3,449	3,326	4,326	18.6	17.1	27.7	1973	1,879	1,783	2,444	−4.5	−6.5	5.7
1965-1969	2,622	2,512	3,362	6.2	6.4	18.6	1974	1,835	1,749	2,339	−5.4	−7.2	4.0
1970-1974	2,094	1,997	2,680	−.7	−2.5	9.1	1975	1,774	1,686	2,276	−6.7	−8.6	3.0
1975-1979	1,774	1,685	2,270	−6.6	−8.5	3.0	1976	1,738	1,652	2,223	−7.4	−9.3	2.1
1965	2,913	2,783	3,808	12.1	10.3	23.1	1977	1,790	1,703	2,278	−6.2	−8.1	3.2
1966	2,721	2,603	3,532	9.7	7.9	20.4	1978	1,760	1,668	2,264	−6.8	−8.8	2.9
1967	2,558	2,447	3,299	7.4	5.6	18.2	1979	1,808	1,715	2,310	−5.7	−7.7	3.8
1968	2,464	2,366	3,108	5.9	4.2	16.0	1980	1,840	1,749	2,323	−5.1	−7.0	4.0

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and unpublished data.

No. 85. Births and Birth Rates: 1950 to 1980

[Births in thousands, except as indicated. Prior to 1960, excludes Alaska and Hawaii. For 1950 and 1955, births adjusted for underregistration; *thereafter registered births.* Beginning 1970, excludes births to nonresidents of U.S. See Appendix III. Minus sign (−) indicates decrease. For population bases used to derive these data, see text, p. 62. See also *Historical Statistics, Colonial Times to 1970,* series B 1, B 5-10, and B 12-20]

ITEM	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Live births	3,632	4,097	4,258	3,760	3,731	3,160	3,144	3,168	3,327	3,333	3,494	3,612
Average annual percent change [1]	3.8	2.4	.8	−2.5	−.2	−4.1	−.5	.8	5.0	.2	4.8	3.4
White	3,108	3,485	3,601	3,124	3,091	2,576	2,552	2,568	2,691	2,681	2,808	2,899
Black and other	524	613	657	636	640	584	592	600	636	652	686	714
Black	(NA)	(NA)	602	581	572	507	512	514	544	552	578	590
Male	1,863	2,099	2,180	1,927	1,915	1,622	1,613	1,624	1,706	1,709	1,791	1,853
Female	1,768	1,998	2,078	1,833	1,816	1,538	1,531	1,543	1,621	1,624	1,703	1,760
Males per 100 females	105.4	105.1	104.9	105.1	105.5	105.5	105.4	105.3	105.3	105.3	105.2	105.3
Age of mother:												
Under 20 years	438	498	594	599	656	608	595	571	571	554	560	562
20-24 years	1,155	1,290	1,427	1,337	1,419	1,108	1,094	1,092	1,146	1,140	1,189	1,226
25-29 years	1,041	1,131	1,093	926	995	923	937	972	1,016	1,015	1,069	1,108
30-34 years	611	731	688	529	428	373	376	392	447	474	517	550
35-39 years	303	352	360	283	180	118	115	116	121	126	135	141
40 years or more	83	95	97	86	53	30	28	26	25	24	24	24
Birth rate per 1,000 population	24.1	25.0	23.7	19.4	18.4	14.8	14.6	14.6	15.1	15.0	15.6	15.9
White	23.0	23.8	22.7	18.3	17.4	13.9	13.6	13.6	14.1	14.0	14.5	14.9
Black and other	33.3	34.5	32.1	27.6	25.1	21.2	21.0	20.8	21.6	21.6	22.2	22.5
Black	(NA)	(NA)	31.9	27.7	25.3	20.8	20.7	20.5	21.4	21.3	22.0	22.1
Male	24.9	25.8	24.7	20.3	19.4	15.6	15.4	15.3	15.9	15.8	16.4	16.8
Female	23.3	23.9	22.8	18.6	17.4	14.1	13.8	13.8	14.4	14.2	14.8	15.1
Plural birth ratio [2]	20.9	21.1	20.4	20.1	[3] 18.1	18.6	19.2	19.5	19.2	19.6	19.5	19.3
White	20.2	20.2	19.3	19.0	[3] 17.3	18.0	18.5	18.8	18.5	18.8	18.6	18.5
Black and other	25.5	26.5	26.3	25.8	[3] 21.9	21.3	22.1	22.3	22.4	22.9	22.9	22.7
Black	25.7	27.0	(NA)	(NA)	[3] 22.8	22.1	23.1	23.3	23.3	24.2	24.2	24.1
Birth rate per 1,000 women [4]	106.2	118.3	118.0	96.6	87.9	67.8	66.0	65.0	66.8	65.5	67.2	68.4
White [4]	102.3	113.7	113.2	91.4	84.1	64.2	62.5	61.5	63.2	61.7	63.4	64.7
Black and other [4]	137.3	155.3	153.6	131.9	113.0	89.8	87.7	85.8	87.7	87.0	88.5	88.6
Black [4]	(NA)	(NA)	153.5	133.2	115.4	89.7	87.9	85.8	88.1	86.7	88.3	88.1
Age of mother:												
10-14 years	1.0	.9	.8	.8	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.1
15-19 years	81.6	90.5	89.1	70.5	68.3	57.5	55.6	52.8	52.8	51.5	52.3	53.0
20-24 years	196.6	242.0	258.1	195.3	167.8	117.7	113.0	110.3	112.9	109.9	112.8	115.1
25-29 years	166.1	190.5	197.4	161.6	145.1	111.5	108.2	106.2	111.0	108.5	111.4	112.9
30-34 years	103.7	116.2	112.7	94.4	73.3	53.8	52.3	53.6	56.4	57.8	60.3	61.9
35-39 years	52.9	58.7	56.2	46.2	31.7	20.2	19.5	19.0	19.2	19.0	19.5	19.8
40-44 years	15.1	16.1	15.5	12.8	8.1	4.8	4.6	4.3	4.2	3.9	3.9	3.9
45-49 years	[5] 1.2	[5] 1.0	[5] .9	.6	.5	.3	.3	.2	.2	.2	.2	.2

NA Not available. [1] For explanation, see Guide to Tabular Presentation. For 1950, change from 1940. [2] Per 1,000 live births. [3] 1971. [4] Per 1,000 women, 15-44 years old in specified group. [5] Rate computed by relating births to mothers 45 years old and over to women 45 to 49 years old.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual, and unpublished data.

No. 86. Birth Rates, by Live-Birth Order and Race: 1950 to 1980

[Births per 1,000 women 15-44 years old in specified racial group. 1950 excludes Alaska and Hawaii. Live-birth order refers to number of children born alive. Figures for births of order not stated are distributed. See also headnote, table 85, and *Historical Statistics, Colonial Times to 1970,* series B 20-27]

LIVE-BIRTH ORDER	ALL RACES [1]					WHITE					BLACK				
	1950	1960	1970	1975	1980	1950	1960	1970	1975	1980	1950 [2]	1960	1970	1975	1980
Total	106.2	118.0	87.9	66.0	68.4	102.3	113.2	84.1	62.5	64.7	137.3	153.5	115.4	87.9	88.1
First birth	33.3	31.1	34.2	28.1	29.5	33.3	30.8	32.9	26.7	28.4	33.8	33.6	43.3	36.9	35.2
Second birth	32.1	29.2	24.2	20.9	21.8	32.3	29.2	23.7	20.3	21.0	30.3	29.3	27.1	24.2	25.7
Third birth	18.4	22.8	13.6	9.4	10.3	17.9	22.7	13.3	8.8	9.5	22.9	24.0	16.1	12.6	14.5
Fourth birth	9.2	14.6	7.2	3.9	3.9	8.4	14.1	6.8	3.5	3.4	15.3	18.6	10.0	6.3	6.7
Fifth birth	4.8	8.3	3.8	1.7	1.5	4.1	7.5	3.4	1.5	1.3	10.4	14.1	6.4	3.2	3.0
Sixth and seventh	4.7	7.6	3.2	1.3	1.0	3.7	6.1	2.7	1.1	.8	12.6	18.4	7.0	2.9	2.1
Eighth and over	3.6	4.3	1.8	.7	.4	2.5	2.8	1.2	.5	.3	12.0	15.6	5.6	1.9	.9

[1] Beginning 1960, includes other races not shown separately.
[2] Black and other races.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual, and unpublished data.

No. 87. Live Births—Number and Rate, by States: 1960 to 1980

[Registered births by place of residence. Beginning 1970, excludes births to nonresidents of the U.S. For composition of regions, see fig. I, inside front cover. See Appendix III]

Region, division and state	Number (1,000)								Rate per 1,000 population [1]							
	1960	1965	1970	1975	1977	1978	1979	1980	1960	1965	1970	1975	1977	1978	1979	1980
U.S	**4,258**	**3,760**	**3,731**	**3,144**	**3,327**	**3,333**	**3,494**	**3,612**	**23.7**	**19.4**	**18.4**	**14.6**	**15.1**	**15.0**	**15.6**	**15.9**
Regions:																
Northeast	970	879	831	625	640	633	648	656	21.7	18.5	16.9	12.6	13.0	12.8	13.2	13.4
N. Central	1,246	1,049	1,038	855	895	892	935	956	24.1	19.3	18.4	14.8	15.4	15.2	15.9	16.2
South	1,354	1,208	1,208	1,062	1,127	1,127	1,182	1,232	24.6	20.3	19.2	15.3	15.7	15.4	15.9	16.4
West	688	625	654	602	664	682	729	768	24.5	19.4	18.8	15.6	16.5	16.5	17.2	17.8
N.E	**237**	**213**	**200**	**148**	**152**	**153**	**158**	**162**	**22.5**	**19.1**	**16.9**	**12.2**	**12.4**	**12.4**	**12.8**	**13.1**
Maine	23	20	18	15	16	16	16	16	24.0	19.9	17.9	14.2	14.6	14.2	14.5	14.6
N.H	14	13	13	11	12	12	13	14	22.8	19.5	17.9	13.3	13.9	13.9	14.1	14.9
Vt	9	8	8	7	7	7	8	8	24.1	20.5	18.8	14.1	14.3	14.3	14.8	15.4
Mass	115	101	95	68	68	69	71	73	22.4	18.8	16.6	11.9	11.8	12.0	12.3	12.7
R.I	18	17	16	11	12	12	12	12	21.4	19.4	16.5	11.3	12.2	12.0	12.4	12.9
Conn	57	54	50	36	37	37	39	39	22.4	19.2	16.7	11.6	11.9	12.0	12.5	12.5
M.A	**733**	**665**	**630**	**477**	**488**	**480**	**490**	**495**	**21.5**	**18.3**	**16.9**	**12.8**	**13.2**	**13.0**	**13.3**	**13.4**
N.Y	359	336	318	236	240	234	236	239	21.4	18.6	17.4	13.1	13.5	13.2	13.4	13.6
N.J	132	125	120	92	94	94	97	97	21.8	18.5	16.8	12.5	12.8	12.7	13.1	13.2
Pa	241	205	193	149	154	152	158	159	21.3	17.8	16.3	12.5	12.9	12.8	13.3	13.4
E.N.C	**877**	**751**	**754**	**610**	**631**	**627**	**657**	**668**	**24.2**	**19.7**	**18.7**	**14.8**	**15.3**	**15.1**	**15.8**	**16.0**
Ohio	231	195	200	159	162	161	167	169	23.8	19.1	18.7	14.7	15.0	14.9	15.5	15.7
Ind	113	98	99	82	85	84	87	88	24.2	20.0	19.1	15.4	15.8	15.4	16.0	16.1
Ill	239	208	205	169	177	175	184	190	23.7	19.6	18.5	15.0	15.6	15.3	16.1	16.6
Mich	195	167	172	134	138	139	145	146	25.0	20.1	19.4	14.7	15.1	15.1	15.6	15.7
Wis	100	83	78	65	69	69	73	75	25.2	20.0	17.6	14.3	14.9	14.8	15.7	15.9
W.N.C	**369**	**297**	**284**	**246**	**264**	**265**	**279**	**288**	**24.0**	**18.7**	**17.4**	**14.7**	**15.8**	**15.6**	**16.3**	**16.8**
Minn	88	71	68	56	60	62	65	68	25.7	19.9	18.0	14.4	15.1	15.5	16.2	16.6
Iowa	64	51	48	41	45	45	47	48	23.3	18.5	17.1	14.4	15.4	15.3	16.0	16.4
Mo	98	81	81	69	73	73	76	79	22.7	18.1	17.3	14.3	15.1	15.0	15.6	16.1
N. Dak	17	13	11	11	11	11	12	12	26.3	20.2	17.6	16.6	17.6	17.4	18.1	18.4
S. Dak	18	14	12	11	12	12	13	13	25.9	19.7	17.0	16.5	17.5	17.8	18.9	19.2
Nebr	34	28	26	24	25	25	26	27	24.3	18.8	17.3	15.4	16.2	16.1	16.8	17.4
Kans	51	39	38	34	37	37	39	41	23.3	17.6	17.0	14.9	16.0	15.7	16.6	17.2
S.A	**629**	**575**	**574**	**482**	**509**	**506**	**527**	**547**	**24.2**	**20.0**	**18.7**	**14.0**	**14.4**	**14.1**	**14.4**	**14.8**
Del	12	11	11	8	9	9	9	9	25.9	21.2	19.2	14.0	14.5	14.5	14.9	15.8
Md	77	74	69	53	56	55	58	60	24.9	21.0	17.6	12.7	13.3	13.1	13.8	14.2
D.C	20	18	15	10	10	9	10	9	26.0	22.5	20.1	13.7	14.7	14.0	14.5	14.7
Va	96	89	86	70	74	73	77	78	24.1	20.0	18.6	13.9	14.3	13.9	14.5	14.7
W. Va	39	32	31	28	30	29	30	29	21.2	17.7	17.8	15.3	15.8	15.3	15.4	15.1
N.C	110	98	98	81	85	82	84	84	24.1	19.9	19.3	14.6	14.9	14.4	14.5	14.4
S.C	60	53	52	47	50	50	51	52	25.1	20.8	20.1	16.1	16.7	16.3	16.4	16.6
Ga	100	94	97	80	85	84	88	92	25.3	21.7	21.1	15.8	16.2	15.9	16.3	16.9
Fla	116	107	115	106	111	113	121	132	23.3	18.4	16.9	12.4	12.5	12.4	12.8	13.5
E.S.C	**294**	**258**	**248**	**219**	**233**	**229**	**238**	**240**	**24.4**	**20.1**	**19.4**	**15.9**	**16.4**	**15.9**	**16.2**	**16.4**
Ky	72	62	60	55	59	57	59	60	23.8	19.4	18.7	15.8	16.4	15.9	16.2	16.3
Tenn	82	73	72	62	67	67	68	69	23.0	19.0	18.4	14.6	15.2	14.9	15.1	15.1
Ala	81	71	67	58	62	60	63	64	24.7	20.4	19.4	15.8	16.4	15.7	16.2	16.3
Miss	59	52	49	44	45	44	46	48	27.2	22.5	22.1	18.3	18.5	17.8	18.3	19.0
W.S.C	**431**	**375**	**386**	**361**	**385**	**393**	**419**	**445**	**25.4**	**20.2**	**20.0**	**16.9**	**17.3**	**17.3**	**18.0**	**18.7**
Ark	41	37	35	34	36	35	36	37	22.7	18.7	18.5	16.0	16.2	15.5	16.0	16.3
La	90	80	74	68	75	75	79	82	27.7	22.5	20.4	17.5	18.7	18.4	19.2	19.5
Okla	51	43	45	43	45	46	49	52	21.9	17.3	17.5	15.4	15.9	15.8	16.5	17.2
Tex.[2]	249	216	231	216	229	237	255	274	26.0	20.4	20.6	17.2	17.4	17.6	18.3	19.2
Mt	**187**	**160**	**172**	**177**	**197**	**203**	**217**	**226**	**27.3**	**20.6**	**20.7**	**17.9**	**18.9**	**18.8**	**19.5**	**19.9**
Mont	17	14	13	12	13	14	14	14	25.9	19.3	19.2	16.1	17.3	17.3	17.8	18.1
Idaho	17	13	14	16	19	19	20	20	25.7	19.3	20.3	19.5	21.4	21.3	21.5	21.4
Wyo	9	7	7	7	8	9	10	11	25.8	19.3	19.6	18.3	20.1	20.1	21.6	22.5
Colo	43	37	42	40	43	44	47	50	24.5	18.7	18.8	15.5	16.0	15.9	16.6	17.2
N. Mex	31	24	22	21	23	24	26	26	32.3	23.6	21.8	18.1	18.8	19.1	20.0	20.0
Ariz	37	34	38	40	42	43	47	50	28.2	21.1	21.3	17.3	17.2	17.1	17.7	18.4
Utah	26	22	27	32	38	39	41	42	29.5	22.5	25.5	25.7	28.8	28.5	29.0	28.6
Nev	7	9	10	9	10	11	12	13	25.5	21.5	19.6	14.6	15.0	15.3	16.2	16.6
Pac	**501**	**465**	**483**	**425**	**468**	**480**	**512**	**542**	**23.6**	**19.0**	**18.2**	**14.8**	**15.7**	**15.7**	**16.4**	**17.0**
Wash	65	53	61	51	57	59	64	68	22.9	17.7	17.8	14.0	15.2	15.1	16.0	16.4
Oreg	38	33	35	33	38	39	42	43	21.7	17.4	16.8	14.4	15.4	15.5	16.2	16.4
Calif	372	356	363	317	348	356	379	403	23.7	19.1	18.2	14.7	15.6	15.6	16.3	17.0
Alaska	8	7	8	7	8	9	9	10	33.4	27.9	25.1	20.7	21.2	22.1	22.6	23.7
Hawaii	17	16	16	16	17	17	18	18	27.2	23.0	21.4	17.8	18.5	18.0	18.5	18.8

[1] Based on population (excluding Armed Forces abroad) enumerated as of Apr. 1 for 1960, 1970, and 1980, and estimated as of July 1 for other years. [2] Exclusion of births to nonresidents beginning 1970 affects comparability with data for earlier years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Report*.

No. 88. Live Births, Number and Rate by Race—States: 1970 and 1980

[**In thousands, except as noted.** Registered births by place of residence. *Excludes births to nonresidents of the U.S. See Appendix III*]

Region, division, and state	White			Black		
	1970	1980		1970	1980	
		Number	Rate [1]		Number	Rate [1]
U.S.	**3,091**	**2,899**	**14.9**	**572**	**590**	**22.1**
Regions:						
Northeast	711	540	12.4	112	100	20.1
No. Central	907	815	15.4	122	123	23.0
South	904	898	14.9	294	313	22.2
West	570	646	17.0	43	54	23.6
N.E	**188**	**148**	**12.6**	**10**	**11**	**21.6**
Maine	18	16	14.5	(z)	(z)	25.8
N.H	13	14	14.8	(z)	(z)	22.2
Vt	8	8	15.4	(z)	(z)	24.6
Mass	90	66	12.2	4	5	21.7
R.I	15	11	12.2	1	1	24.0
Conn	45	34	11.7	5	5	21.0
M.A	**523**	**392**	**12.3**	**102**	**89**	**19.9**
N.Y	257	180	12.3	57	49	19.9
N.J	98	75	11.8	21	20	21.3
Pa	168	137	12.8	24	20	18.8
E.N.C	**645**	**554**	**15.1**	**104**	**103**	**22.7**
Ohio	175	144	14.9	24	23	21.7
Ind	90	78	15.5	9	10	23.2
Ill	163	145	15.1	40	41	24.6
Mich	144	119	15.0	27	24	20.1
Wis	73	69	15.3	4	5	26.0
W.N.C	**262**	**260**	**16.1**	**18**	**19**	**24.7**
Minn	67	64	16.2	1	2	28.1
Iowa	47	46	16.1	1	1	27.3
Mo	68	66	15.2	12	12	23.2
N. Dak	10	11	17.5	(z)	(z)	42.3
S. Dak	10	11	17.8	(z)	(z)	36.7
Nebr	24	25	16.9	1	1	27.0
Kans	35	36	16.5	3	3	27.2
S.A	**416**	**377**	**13.0**	**154**	**162**	**21.1**
Del	6	7	14.5	2	2	22.6
Md	52	40	12.7	16	18	18.7
D.C	2	1	7.9	13	8	17.4
Va	67	57	13.5	18	19	19.0
W. Va	30	28	15.0	1	1	18.6
N.C	70	57	12.8	27	25	18.9
S.C	33	31	14.2	19	21	22.0
Ga	66	58	14.5	30	34	23.1
Fla	87	96	11.6	27	34	25.2
E.S.C	**182**	**172**	**14.7**	**65**	**66**	**23.1**
Ky	55	54	15.8	5	6	21.6
Tenn	57	53	13.8	15	16	21.4
Ala	45	41	14.1	22	22	22.5
Miss	26	25	15.3	23	23	25.6
W.S.C	**306**	**350**	**17.7**	**75**	**85**	**23.9**
Ark	26	28	14.6	9	9	24.6
La	46	50	17.1	28	31	25.0
Okla	38	41	15.8	4	5	25.5
Tex	195	230	18.6	34	39	22.8
Mt	**157**	**203**	**19.1**	**5**	**7**	**25.7**
Mont	11	13	17.1	(z)	(z)	30.1
Idaho	14	20	21.2	(z)	(z)	28.9
Wyo	6	10	22.0	(z)	(z)	34.3
Colo	39	46	16.7	2	2	23.5
N. Mex	19	22	18.6	1	1	26.6
Ariz	32	42	17.1	1	2	28.2
Utah	26	40	28.4	(z)	(z)	23.6
Nev	8	11	15.5	1	1	25.7
Pac	**413**	**442**	**16.2**	**38**	**47**	**23.3**
Wash	56	61	15.7	2	3	25.3
Oreg	33	40	15.9	1	1	27.0
Calif	313	331	16.3	35	42	23.0
Alaska	6	7	21.0	(z)	(z)	33.5
Hawaii	5	4	12.4	(z)	1	33.1

Z Fewer than 500. [1] Rate per 1,000 population. Basd on modified counts of the White and Black population (excluding Armed Forces abroad) enumerated as of April 1; see text, p. 3.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and *Monthly Vital Statistics Report*.

No. 89. Live Births, by Attendant and Place of Delivery, and Median and Low-Birth Weight, by Race: 1950 to 1980

[Represents registered births. Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes births to nonresidents of the U.S. For total number of births, see table 85. See Appendix III]

Year	Births attended (1,000)			Median birth weight			Percent of births with low birth weight [4]		
	Physician in hospital [1]	Not in hospital		Total [3]	White	Black	Total [3]	White	Black
		Physician	Midwife and other [2]						
1950	3,126	252	177	7 lb.-5 oz.	7 lb.-5 oz.	7 lb.-3 oz.[5]	7.6	7.2	[5] 10.4
1955	3,819	101	128	7 lb.-5 oz.	7 lb.-5 oz.	7 lb.-1 oz.[5]	7.7	6.9	[5] 11.8
1960	4,114	49	94	7 lb.-5 oz.	7 lb.-6 oz.	6 lb.-15 oz.[5]	7.7	6.8	[5] 12.8
1965	3,661	33	66	7 lb.-4 oz.	7 lb.-5 oz.	6 lb.-14 oz.[5]	8.3	7.2	[5] 13.8
1970	3,708	5	18	7 lb.-4 oz.	7 lb.-5 oz.	6 lb.-14 oz.	7.9	6.8	13.9
1972	3,234	7	18	7 lb.-5 oz.	7 lb.-6 oz.	6 lb.-14 oz.	7.7	6.5	13.6
1973	3,115	7	16	7 lb.-5 oz.	7 lb.-6 oz.	6 lb.-15 oz.	7.6	6.4	13.3
1974	3,134	11	16	7 lb.-5 oz.	7 lb.-7 oz.	6 lb.-15 oz.	7.4	6.3	13.1
1975	3,105	11	28	7 lb.-5 oz.	7 lb.-7 oz.	6 lb.-15 oz.	7.4	6.3	13.1
1976	3,124	12	32	7 lb.-6 oz.	7 lb.-7 oz.	6 lb.-15 oz.	7.3	6.1	13.0
1977	3,278	13	36	7 lb.-6 oz.	7 lb.-8 oz.	6 lb.-15 oz.	7.1	5.9	12.8
1978	3,301	12	21	7 lb.-5 oz.	7 lb.-8 oz.	6 lb. 15 oz.	7.1	5.9	12.9
1979	3,460	12	22	7 lb.-7 oz.	7 lb.-8 oz.	6 lb.-15 oz.	6.9	5.8	12.6
1980	*3,576*	*12*	*24*	7 lb.-7 oz.	7 lb.-8 oz.	7 lb.-0 oz.	6.8	5.7	12.5

[1] Includes all births in hospitals or institutions and in clinics. [2] Includes births with attendant not specified. [3] Includes other races not shown separately. [4] Through 1978, births of 2,500 grams (5 lb.-8 oz.) or less at birth; thereafter, less than 2,500 grams. [5] Black and other races.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and unpublished data.

NO. 90. SOCIAL AND ECONOMIC CHARACTERISTICS OF WOMEN, 18–44 YEARS OLD, WHO HAVE HAD A CHILD IN THE LAST YEAR: 1980 AND 1981

[Covers civilian noninstitutional population. Based on results of **June 1980** and **1981** Current Population Survey (CPS); see text, p. 2 and Appendix III. Since the number of women who had a birth during the 12-month period was tabulated and not the actual numbers of births themselves, some small underestimation of fertility for this period may exist due to the omission of: (1) Multiple births, (2) Two or more live births spaced within the 12-month period (the woman is counted only once), (3) Women who had births in the period and who did not survive to the survey date, (4) Women who were in institutions and therefore not in the survey universe. These losses may be somewhat offset by the inclusion in the CPS of births to immigrants who did not have their children born in the United States and births to nonresident women. These births would not have been recorded in the vital registration system]

CHARACTERISTIC	1980					1981				
	Number of women (1,000)	Women who had a child last year				Number of women (1,000)	Women who had a child last year			
		Total births		First births			Total births		First births	
		Number (1,000)	Per 1,000 women	Number (1,000)	Per 1,000 women		Number (1,000)	Per 1,000 women	Number (1,000)	Per 1,000 women
Total women, 18–44 yrs. [1]	**45,652**	**3,247**	**71.1**	**1,299**	**28.5**	**47,686**	**3,381**	**70.9**	**1,291**	**27.1**
18–24 years old	14,456	1,396	96.6	775	53.6	14,849	1,367	92.1	736	49.5
25–29 years old	9,419	1,081	114.8	387	41.1	10,035	1,132	112.8	375	37.4
30–34 years old	8,651	519	60.0	111	12.8	9,318	628	67.3	134	14.3
35–39 years old	7,144	192	26.9	26	3.6	7,361	210	28.6	41	5.6
40–44 years old	5,983	59	9.9	1	.2	6,122	43	7.1	5	.9
White	38,989	2,670	68.5	1,115	28.6	40,316	2,762	68.5	1,106	27.4
Black	5,610	471	84.0	136	24.2	5,950	484	81.3	135	22.7
Spanish origin [2]	3,003	320	106.6	114	38.0	3,193	317	99.2	106	33.3
Married, spouse present	27,381	2,660	97.2	1,053	38.5	27,919	2,754	98.7	1,031	36.9
Married, spouse absent [3]	1,934	126	65.2	36	18.6	2,032	144	70.8	43	21.2
Widowed or divorced	4,069	112	27.5	26	6.4	4,611	128	27.8	27	5.9
Single	12,270	348	28.4	184	15.0	13,124	354	27.0	189	14.4
Region of residence: [4]										
Northeast	9,978	623	62.4	243	24.4	9,920	624	62.9	247	24.9
North Central	11,901	842	70.8	382	32.1	12,251	850	69.4	304	24.8
South	14,719	1,055	71.7	400	27.2	15,725	1,125	71.6	451	28.7
West	9,055	726	80.2	274	30.3	9,790	781	79.8	289	29.5
Labor force status:										
In labor force	30,179	1,233	40.9	594	19.7	32,064	1,411	44.0	641	20.0
Employed	27,403	1,025	37.4	498	18.2	29,149	1,183	40.6	542	18.6
Unemployed	2,775	208	75.0	96	34.6	2,915	228	78.2	99	34.0
Not in labor force	15,474	2,013	130.1	705	45.6	15,622	1,970	126.1	649	41.6
Family income:										
Under $5,000	3,721	351	94.3	121	32.5	3,866	369	95.5	113	29.3
$5,000–$9,999	6,132	532	86.8	211	34.4	6,002	534	89.0	188	31.3
$10,000–$14,999	7,877	661	83.9	269	34.2	7,814	577	73.8	221	28.3
$15,000–$19,999	6,663	514	77.1	177	26.6	6,435	499	77.5	189	29.4
$20,000–$24,999	6,803	475	69.8	228	33.5	6,895	526	76.4	209	30.4
$25,000 and over	11,947	579	48.5	235	19.7	14,247	747	52.4	334	23.4
Years of school completed:										
Not a high school graduate	8,617	792	91.9	242	28.1	8,724	769	88.2	206	23.6
High school, 4 years	20,643	1,475	71.5	623	30.2	21,624	1,521	70.3	609	28.2
College, 1–3 years	9,276	542	58.4	234	25.2	9,975	614	61.6	249	25.0
College, 4 years	4,794	316	65.9	141	29.4	4,852	325	66.9	143	29.5
College, 5 or more years	2,322	121	52.1	59	25.4	2,512	152	60.4	83	33.0

[1] Includes women of other races and women with family income not reported, not shown separately. [2] Persons of Spanish origin may be of any race. [3] Includes separated women. [4] For composition of regions, see fig. I, inside front cover.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 375 and 378.

NO. 91. LIFETIME BIRTHS EXPECTED PER 1,000 WIVES: 1967 TO 1982

[Refers to currently married women in the civilian noninstitutional population. Based on Current Population Survey; see text, p. 2 and Appendix III]

YEAR AND MONTH	LIFETIME BIRTHS TO ALL WIVES [1] AGED—				LIFETIME BIRTHS TO WHITE WIVES AGED—				LIFETIME BIRTHS TO BLACK WIVES AGED—			
	18–24	25–29	30–34	35–39	18–24	25–29	30–34	35–39	18–24	25–29	30–34	35–39
1967 (Feb.-Mar.)	2,852	3,037	3,288	3,300	2,859	3,001	3,200	3,215	2,762	3,407	4,257	4,226
1971 (June)	2,375	2,619	2,989	3,257	2,353	2,577	2,936	3,189	2,623	3,112	3,714	4,223
1975 (June)	2,173	2,260	2,610	3,058	2,147	2,233	2,564	2,989	2,489	2,587	3,212	3,962
1979 (June)	2,164	2,193	2,282	(NA)	2,145	2,169	2,259	(NA)	2,361	2,554	2,580	(NA)
1980 (June)	2,134	2,166	2,248	(NA)	2,130	2,146	2,223	(NA)	2,155	2,426	2,522	(NA)
1981 (June)	2,162	2,164	2,233	(NA)	2,166	2,128	2,198	(NA)	2,106	2,531	2,642	(NA)
1982 (June)	2,096	2,166	2,195	(NA)	2,090	2,148	2,178	(NA)	2,054	2,294	2,447	(NA)

NA Not available. [1] Includes other races not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 378, and earlier and forthcoming reports.

NO. 92. LIFETIME BIRTHS EXPECTED BY WIVES, 18-34 YEARS OLD—PERCENT DISTRIBUTION: 1967 TO 1982

[As of **June**, except **1967** as of **Feb.-Mar.** Refers to currently married women in the civilian noninstitutional population. Data limited to wives reporting on birth expectations. Based on Current Population Survey; see text, p. 2 and Appendix III]

YEAR AND NUMBER OF BIRTHS EXPECTED	RACE		Spanish origin [1]	AGE			YEARS OF SCHOOL COMPLETED		
	White	Black		18-24 years	25-29 years	30-34 years	Not high school graduate	High school, 4 years	College, 1 year or more
1967: None	2.2	3.0	(NA)	1.3	2.5	6.1	(NA)	(NA)	(NA)
One	5.5	8.1	(NA)	6.1	5.1	5.5	(NA)	(NA)	(NA)
Two	31.4	24.9	(NA)	37.1	29.3	18.8	(NA)	(NA)	(NA)
Three	30.3	25.1	(NA)	29.8	33.5	14.9	(NA)	(NA)	(NA)
Four or more	30.6	39.0	(NA)	25.7	29.9	55.3	(NA)	(NA)	(NA)
1975: None	4.9	3.0	3.2	4.1	4.9	5.2	2.7	4.2	7.0
One	10.8	10.7	10.6	11.2	11.7	9.8	11.0	11.4	10.1
Two	49.8	40.0	40.4	58.2	50.4	38.3	37.6	49.8	55.5
Three	23.3	22.4	25.2	19.4	23.3	26.8	25.0	24.3	20.0
Four or more	11.1	24.0	20.5	7.0	9.8	19.8	23.6	10.3	7.3
1980: None	6.0	4.0	2.8	4.9	5.5	7.0	2.6	5.6	7.7
One	13.2	14.4	9.4	12.8	13.2	13.6	11.7	14.4	12.4
Two	51.5	45.3	44.3	56.0	52.8	45.7	39.7	52.6	54.4
Three	20.4	22.2	24.2	19.1	20.3	21.8	26.7	19.7	18.8
Four or more	8.8	14.2	19.4	7.2	8.3	11.9	19.4	7.7	6.8
1982: None	6.6	5.4	2.0	5.9	6.4	7.2	3.9	6.1	8.4
One	14.2	17.0	13.4	13.5	13.8	15.6	13.6	14.9	14.1
Two	49.8	41.1	37.9	55.1	49.2	44.9	40.4	50.0	51.8
Three	20.5	23.1	27.1	18.7	21.9	20.7	25.9	20.3	18.8
Four or more	8.8	13.4	19.6	6.8	8.7	11.5	16.2	8.7	7.0

NA Not available. [1] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 375 and earlier and forthcoming reports.

NO. 93. CHILDLESS WOMEN AND CHILDREN EVER BORN, BY AGE OF WOMAN: 1950 TO 1982

[Prior to 1960, excludes Alaska and Hawaii. 1950, 1960, and 1970 based on sample of decennial census, see source; all other years based on Current Population Survey, see text, p. 2 and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 49-66]

AGE	1950 (April)	1954 (April)	1960 (April)	1965 (June)	1970 (April)	1975 (June)	1980 (June)	1981 (June)	1982 (June) Total [1]	1982 (June) White	1982 (June) Black	1982 (June) Spanish origin [2]
	PERCENT CHILDLESS AMONG WOMEN EVER MARRIED											
15-44 years	**22.8**	**18.1**	**15.0**	**14.2**	**16.4**	**18.0**	**18.8**	**18.7**	**20.4**	**21.4**	**11.8**	**13.3**
15-19 years	52.8	47.0	43.6	48.0	50.9	50.6	46.6	52.8	57.4	58.6	40.3	53.7
20-24 years	33.3	24.3	24.2	28.0	35.7	42.3	40.4	40.6	42.9	44.5	26.9	23.2
25-29 years	21.1	16.9	12.6	11.7	15.8	21.1	25.3	25.0	27.5	28.8	13.3	17.9
30-34 years	17.3	13.4	10.4	7.2	8.3	8.8	13.7	13.9	15.4	16.2	7.4	7.0
35-39 years	19.1	15.9	11.1	8.7	7.3	5.3	8.0	7.9	10.2	10.5	8.0	6.4
40-44 years	20.0	17.8	14.1	11.0	8.6	7.0	6.6	5.9	7.6	7.4	8.9	6.6
45-49 years	20.4	19.0	18.1	13.9	10.6	7.3	7.7	6.5	7.6	7.5	8.0	8.2
50-59 years	18.1	(NA)	20.7	19.3	15.6	11.5	9.3	9.2	9.7	9.0	15.5	7.3
	CHILDREN EVER BORN PER 1,000 WOMEN EVER MARRIED											
15-44 years	**1,859**	**2,037**	**2,314**	**2,477**	**2,360**	**2,140**	**1,965**	**1,920**	**1,863**	**1,797**	**2,444**	**2,290**
15-19 years	604	667	792	685	636	601	628	590	495	474	830	616
20-24 years	1,082	1,337	1,441	1,328	1,071	886	930	925	869	819	1,365	1,264
25-29 years	1,654	1,930	2,241	2,360	1,984	1,580	1,397	1,440	1,394	1,333	1,969	1,740
30-34 years	2,059	2,247	2,627	2,950	2,806	2,387	1,970	1,946	1,886	1,836	2,341	2,360
35-39 years	2,247	2,334	2,686	3,016	3,170	2,994	2,572	2,452	2,313	2,249	2,865	2,831
40-44 years	2,364	2,335	2,564	2,856	3,097	3,282	3,105	2,970	2,885	2,819	3,415	3,731
45-49 years	2,492	2,436	2,402	2,603	2,854	3,152	3,185	3,232	3,116	3,048	3,718	3,537
50-59 years	2,822	(NA)	2,420	2,350	2,520	2,759	3,005	3,013	3,015	2,921	3,798	3,858

NA Not available. [1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1950, Special Report, Fertility, part 5; U.S. Census of Population: 1960* and *1970, vol. 1, Characteristics of the Population, Part 1, U.S. Summary;* and *Current Population Reports*, series P-20, No. 378, and earlier and forthcoming reports.

No. 94. Percent of Women Having First Child by Selected Ages, by Race and Period of Woman's Birth: 1981

[Covers civilian noninstitutional population. Based on June 1981 Current Population Survey; see text, p. 2 and Appendix III]

Race and age	Period during which women were born						
	1925–1929	1930–1934	1935–1939	1940–1944	1945–1949	1950–1954	1955–1959
Total women [1] (1,000)	6,033	5,723	5,923	7,122	8,768	9,820	10,540
Percent having first child by—							
Age 18	6.5	9.5	10.7	10.1	8.7	9.5	10.6
Age 20	19.2	25.1	29.3	27.7	24.1	24.0	22.4
Age 25	62.1	66.7	70.2	68.1	60.1	53.5	(x)
Age 30	80.5	84.0	84.8	84.1	77.0	(x)	(x)
Age 35	86.5	88.2	89.3	88.1	(x)	(x)	(x)
White women (1,000)	5,325	4,928	5,106	6,098	7,495	8,256	8,815
Percent having first child by—							
Age 18	5.2	7.5	8.7	8.0	6.9	7.2	7.9
Age 20	17.5	22.8	27.1	25.6	22.2	20.9	19.0
Age 25	62.7	66.3	70.4	67.4	59.0	51.2	(x)
Age 30	81.7	84.3	85.1	84.1	76.3	(x)	(x)
Age 35	87.6	88.5	89.2	88.2	(x)	(x)	(x)
Black women (1,000)	595	668	658	826	971	1,254	1,414
Percent having first child by—							
Age 18	18.2	24.2	27.8	26.0	24.1	25.0	28.3
Age 20	36.0	42.0	48.5	45.4	41.6	45.6	44.6
Age 25	61.4	70.6	72.0	77.7	73.6	70.7	(x)
Age 30	74.8	82.0	84.6	85.7	85.3	(x)	(x)
Age 35	80.7	85.4	91.2	89.0	(x)	(x)	(x)

X Not applicable. [1] Includes other races not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 378.

No. 95. Children Ever Born to Single Women, by Age and Race of Woman: 1970 to 1982

[Refers to women never-married at time of survey. 1970 as of April, based on the enumerated resident population, 1980 and 1982 as of June, based on the civilian noninstitutional population from Current Population Survey. See text, p. 2 and Appendix III]

Item	All single women [1]			White single women			Black single women		
	Total, 18–49 years	18–29 years	30–49 years	Total, 18–49 years	18–29 years	30–49 years	Total, 18–49 years	18–29 years	30–49 years
1970									
Single women (1,000)	8,107	6,664	1,443	6,788	5,615	1,173	1,177	933	244
Percent by number of children born:									
None	90.0	91.1	82.6	94.7	95.7	90.6	80.2	84.1	45.6
One	10.0	8.9	6.6	3.1	3.0	4.5	19.5	20.3	15.8
Two or more			10.8	2.2	1.2	4.9	20.2	15.5	38.6
Children ever born (1,000)	1,755	1,024	731	693	407	286	1,021	592	429
Rate per 1,000 women	216	154	506	102	72	244	867	635	1,758
1980									
Single women (1,000)	12,500	10,693	1,807	9,862	8,557	1,305	2,327	1,888	439
Percent by number of children born:									
None	85.7	87.3	76.4	93.5	93.9	90.5	52.2	56.7	32.6
One	8.6	8.5	9.0	4.9	4.7	5.9	24.5	26.0	18.5
Two or more	5.7	4.2	14.6	1.6	1.3	3.6	23.3	17.3	49.0
Children ever born (1,000)	3,142	2,022	1,120	808	666	232	2,199	1,325	874
Rate per 1,000 women	251	189	620	91	78	178	945	702	1,991
1982									
Single women (1,000)	13,780	11,629	2,151	10,656	9,093	1,563	2,726	2,209	517
Percent by number of children born:									
None	84.8	86.3	76.3	93.2	93.6	90.9	51.0	55.8	30.6
One	9.0	8.9	9.5	5.0	5.1	4.8	24.9	24.9	25.0
Two or more	6.2	4.8	14.1	1.8	1.3	4.5	24.1	19.3	44.7
Children ever born (1,000)	3,851	2,480	1,371	1,054	771	283	2,729	1,661	1,068
Rate per 1,000 women	279	213	637	99	85	181	1,001	752	2,066

[1] Includes races not shown separately.

Source: U.S. Bureau of the Census, *Census of Population: 1970, Women by Number of Children Ever Born*, PC(2)-3A; and *Current Population Reports*, series P-20, No. 375 and forthcoming reports.

No. 96. Births per 1,000 Women Cumulated to Successive Ages by Marital Status of Mother at Time of Birth: 1980

[Covers civilian noninstitutional population. Based on June 1980 Current Population Survey; see text, p. 2 and Appendix III]

Marital status and age of mother at time of birth	Period during which women were born							
	1905–1919	1920–1929	1930–1934	1935–1939	1940–1944	1945–1949	1950–1954	1955–1959
Births per 1,000 women cumulated to age—								
All births: 20 years	227	254	338	384	390	304	294	277
25 years	823	1,065	1,359	1,499	1,398	1,073	881	(NA)
30 years	1,449	1,918	2,297	2,388	2,115	1,680	(NA)	(NA)
35 years	1,919	2,483	2,830	2,831	2,422	(NA)	(NA)	(NA)
40 years	2,202	2,773	3,032	2,980	(NA)	(NA)	(NA)	(NA)
Marital births: 20 years	184	207	274	308	317	221	193	170
25 years	741	972	1,232	1,352	1,251	908	699	(NA)
30 years	1,344	1,794	2,118	2,187	1,923	1,473	(NA)	(NA)
35 years	1,798	2,336	2,620	2,600	2,209	(NA)	(NA)	(NA)
40 years	2,069	2,615	2,805	2,735	(NA)	(NA)	(NA)	(NA)
Nonmarital births: 20 years	42	46	64	76	74	83	101	107
25 years	82	93	128	148	146	165	182	(NA)
30 years	106	124	178	201	193	207	(NA)	(NA)
35 years	121	146	211	231	213	(NA)	(NA)	(NA)
40 years	133	158	227	245	(NA)	(NA)	(NA)	(NA)
Percent of births born out of wedlock [1]								
20 years	18.7	18.3	19.1	19.7	18.8	27.2	34.3	38.5
25 years	10.0	8.7	9.4	9.8	10.5	15.4	20.6	(NA)
30 years	7.3	6.4	7.8	8.4	9.1	12.3	(NA)	(NA)
35 years	6.3	5.9	7.4	8.2	8.8	(NA)	(NA)	(NA)
40 years	6.0	5.7	7.5	8.2	(NA)	(NA)	(NA)	(NA)

NA Not available.
[1] Percentage of all births occurring to women by age shown that were born to women not married at time of birth.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 375.

No. 97. Births to Unmarried Women, by Race and Age of Mother: 1950 to 1980

[Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes births to nonresidents of U.S. Data for 1950–79 include estimates for States in which marital status data were not reported. Beginning in 1980 marital status is inferred from a comparison of the child's and parents' surnames on the birth certificate for those States that do not report on marital status. No estimates included for misstatements on birth records or failures to register births. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series B 28–35]

Race and age of mother	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979	1980
Number (1,000)											
Total live births	**141.6**	**183.3**	**224.3**	**291.2**	**398.7**	**447.9**	**468.1**	**515.7**	**543.9**	**597.8**	**665.7**
White	53.5	64.2	82.5	123.7	175.1	186.4	197.1	220.1	233.6	263.0	320.1
Black and other	88.1	119.2	141.8	167.5	223.6	261.6	271.0	295.5	310.2	334.8	345.7
Black	(NA)	(NA)	(NA)	(NA)	215.1	249.6	258.8	281.6	293.4	315.8	325.7
Under 15 years	3.2	3.9	4.6	6.1	9.5	11.0	10.3	10.1	9.4	9.5	9.0
15–19 years	56.0	68.9	87.1	123.1	190.4	222.5	225.0	239.7	239.7	253.2	262.8
20–24 years	43.1	55.7	68.0	90.7	126.7	134.0	145.4	168.6	186.5	210.1	237.3
25–29 years	20.9	28.0	32.1	36.8	40.6	50.2	55.4	62.4	70.0	80.6	99.6
30–34 years	10.8	16.1	18.9	19.6	19.1	19.8	21.0	23.7	26.5	31.3	41.0
35 years and over	7.7	10.7	13.6	15.1	12.4	10.4	10.9	11.1	11.7	13.1	16.1
Percent distribution											
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	37.8	35.0	36.8	42.5	43.9	41.6	42.1	42.7	42.9	44.0	48.1
Black and other	62.2	65.0	63.2	57.5	56.1	58.4	57.9	57.3	57.0	56.0	51.9
Under 15 years	2.3	2.2	2.1	2.1	2.4	2.5	2.2	2.0	1.7	1.6	1.4
15–19 years	39.5	38.6	38.8	42.3	47.8	49.7	48.1	46.5	44.1	42.4	39.5
20–24 years	30.4	29.9	30.3	31.1	31.8	29.9	31.1	32.7	34.3	35.1	35.6
25–29 years	14.8	14.8	14.3	12.6	10.2	11.2	11.8	12.1	12.9	13.5	15.0
30–34 years	7.6	8.4	8.4	6.7	4.8	4.4	4.5	4.6	4.9	5.2	6.2
35 years and over	5.4	5.7	6.1	5.2	3.1	2.3	2.3	2.2	2.2	2.2	2.4
Births to unmarried women as percent of all births in racial groups											
Total	**4.0**	**4.5**	**5.3**	**7.7**	**10.7**	**14.2**	**14.8**	**15.5**	**16.3**	**17.1**	**18.4**
White	1.7	1.8	2.3	4.0	5.7	7.3	7.7	8.2	8.7	9.4	11.0
Black and other	16.8	19.4	21.6	26.3	34.9	44.2	45.2	46.5	47.6	48.8	48.4
Black	(NA)	(NA)	(NA)	(NA)	37.6	48.8	50.3	51.7	53.2	54.7	55.2
Birth rate [1]											
Total [2]	**14.1**	**19.3**	**21.6**	**23.5**	**26.4**	**24.5**	**24.3**	**25.6**	**25.7**	**27.2**	**29.4**
White [2]	6.1	7.9	9.2	11.6	13.8	12.4	12.6	13.5	13.7	14.9	17.6
Black and other [2]	71.2	87.2	98.3	97.6	89.9	79.0	76.4	77.4	76.5	78.2	77.2
Black [2]	(NA)	(NA)	(NA)	(NA)	95.5	84.2	81.6	82.6	81.1	83.0	82.9
15–19 years	12.6	15.1	15.3	16.7	22.4	23.9	23.7	25.1	24.9	26.4	27.6
20–24 years	21.3	33.5	39.7	39.9	38.4	31.2	31.7	34.0	35.3	37.7	40.9
25–29 years	19.9	33.5	45.1	49.3	37.0	27.5	26.8	27.7	28.5	29.9	34.0
30–34 years	13.3	22.0	27.8	37.5	27.1	17.9	17.5	16.9	16.9	17.7	21.1

NA Not available. [1] Rate per 1,000 unmarried women (never-married, widowed, and divorced) estimated as of July 1. [2] Covers women aged 15–44 years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual, and unpublished data.

No. 98. Legal Abortions—Estimated Number, Rate, and Ratio, by Race: 1972 to 1980

[Refers to women 15–44 years old at time of abortion]

RACE	1972	1973	1974	1975	1976	1977	1978	1979	1980
ALL RACES									
Women, 15–44 years old (1,000)	44,588	45,590	46,608	47,606	48,721	49,814	50,920	52,016	53,048
Number of abortions (1,000)	586.8	744.6	898.6	1,034.2	1,179.3	1,316.7	1,409.6	1,497.7	1,553.9
Rate per 1,000 women	13.2	16.3	19.3	21.7	24.2	26.4	27.7	28.8	29.3
Ratio per 1,000 live births	184	239	282	331	361	400	417	422	428
WHITE									
Women, 15–44 years old (1,000)	38,532	39,314	40,101	40,857	41,721	42,567	43,427	44,266	44,942
Number of abortions (1,000)	455.3	548.8	629.3	701.2	784.9	888.8	969.4	1,062.4	1,093.6
Rate per 1,000 women	11.8	14.0	15.7	17.2	18.8	20.9	22.3	24.0	24.3
Ratio per 1,000 live births	175	217	242	276	296	333	356	373	(NA)
BLACK AND OTHER									
Women, 15–44 years old (1,000)	6,056	6,276	6,507	6,749	7,000	7,247	7,493	7,750	8,106
Number of abortions (1,000)	131.5	195.8	269.3	333.0	394.4	427.9	440.2	435.3	460.3
Rate per 1,000 women	21.7	31.2	41.4	49.3	56.3	59.0	58.7	56.2	56.8
Ratio per 1,000 live births	223	337	457	565	638	679	665	625	(NA)

NA Not available.

Source: 1972–1978, S. K. Henshaw, J. D. Forrest, E. Sullivan, and C. Tietze, *Abortion 1977–1979: Need and Services in the United States, Each State and Metropolitan Area*, The Alan Guttmacher Institute, New York, N.Y., 1981 (copyright). 1979–1980: S. K. Henshaw and K. O'Reilly, "Abortion in the United States, 1979–1980"; in Alan Guttmacher Institute, New York, N.Y., *Family Planning Perspectives*, vol. 15, No. 1, Jan.–Feb. 1983.

No. 99. Legal Abortions, by Selected Characteristics: 1973 to 1980

[Number of abortions from surveys conducted by source; characteristics from the U.S. Centers for Disease Control's (CDC) annual abortion surveillance summaries, with adjustments for changes in States reporting data to the CDC each year]

CHARACTERISTIC	NUMBER (1,000)								PERCENT DISTRIBUTION			ABORTION RATIO [1]	
	1973	1974	1975	1976	1977	1978	1979	1980	1973	1975	1980	1973	1979
Total legal abortions	**744.6**	**898.6**	**1,034.2**	**1,179.3**	**1,316.7**	**1,409.6**	**1,497.7**	**1,553.9**	**100.0**	**100.0**	**100.0**	**193**	**297**
Age of woman:													
Less than 15 years old	11.6	13.4	15.3	15.8	15.7	15.1	16.2	15.3	1.6	1.5	1.0	476	599
15–19 years old	232.4	278.3	324.9	362.7	396.6	418.8	444.6	444.8	31.2	31.4	28.6	280	444
20–24 years old	240.6	286.6	331.6	392.3	449.7	489.4	525.7	549.4	32.3	32.1	35.4	181	304
25–29 years old	129.6	162.7	188.9	220.5	246.7	266.0	284.2	303.8	17.4	18.2	19.6	128	208
30–34 years old	72.6	89.8	100.2	110.1	124.4	134.3	142.0	153.1	9.7	9.7	9.8	165	213
35–39 years old	41.0	48.8	52.7	56.7	61.7	65.3	65.1	66.6	5.5	5.1	4.3	246	322
40 years old and over	16.8	19.0	20.5	21.3	22.0	20.7	19.9	20.9	2.3	2.0	1.3	334	447
Race of woman:													
White	548.8	629.3	701.2	784.9	888.8	969.4	1,062.4	1,093.6	73.7	67.8	70.4	178	272
Black and other	195.8	269.3	333.0	394.4	427.9	440.2	435.3	460.3	26.3	32.2	29.6	252	385
Marital status of woman:													
Married	216.2	248.2	271.9	290.0	299.7	350.6	322.2	319.9	29.0	26.3	20.6	74	99
Unmarried	528.4	650.4	762.3	889.3	1,017.0	1,059.0	1,175.5	1,234.0	71.0	73.7	79.4	564	660
Number of prior live births:													
None	375.2	482.5	499.3	562.6	742.5	798.1	868.2	900.0	50.4	48.3	57.9	242	365
1	137.4	155.5	206.8	244.4	249.4	271.3	287.1	304.8	18.5	20.0	19.6	108	201
2	102.2	130.1	156.8	181.5	186.5	198.0	207.0	215.6	13.7	15.2	13.9	190	279
3	61.7	70.3	86.8	97.7	80.0	83.3	82.1	82.9	8.3	8.4	5.3	228	289
4 or more	68.2	60.2	84.4	93.1	58.4	58.9	53.3	50.6	9.1	8.1	3.3	196	256
No. of prior induced abortions:													
None	(NA)	762.1	822.1	911.3	966.7	994.5	1,023.3	1,040.8	(NA)	79.5	67.0	(NA)	(NA)
1	(NA)	112.6	170.4	213.2	267.8	315.5	350.4	371.0	(NA)	16.5	23.8	(NA)	(NA)
2 or 3	(NA)	24.0	41.7	54.7	82.2	99.6	124.0	142.1	(NA)	4.0	9.2	(NA)	(NA)
Weeks of gestation:													
Less than 9 weeks	284.3	399.4	480.6	559.9	657.9	707.8	748.5	800.0	38.2	46.5	51.5	(NA)	(NA)
9–10 weeks	221.6	256.5	290.4	333.8	361.2	388.4	412.9	416.5	29.7	28.1	26.8	(NA)	(NA)
11–12 weeks	130.6	134.9	151.1	171.3	179.5	187.7	203.6	201.8	17.5	14.6	13.0	(NA)	(NA)
13 weeks or more	108.2	107.8	112.1	114.4	118.2	125.7	132.6	135.7	14.6	10.8	8.7	(NA)	(NA)

NA Not available. [1] Number of abortions per 1,000 abortions and live births. For 1980, total abortion ratio is 300.

Source: 1973–1978, S. K. Henshaw, J. D. Forrest, E. Sullivan, and C. Tietze, *Abortion 1977–1979: Need and Services in the United States, Each State and Metropolitan Area*, The Alan Guttmacher Institute, New York, N.Y., 1981 (copyright). 1979–1980: S. K. Henshaw and K. O'Reilly, "Abortion in the United States, 1979–1980"; in Alan Guttmacher Institute, New York, N.Y., *Family Planning Perspectives*, vol. 15, No. 1, Jan.–Feb. 1983.

NO. 100. LEGAL ABORTIONS—NUMBER, RATE PER 1,000 WOMEN 15–44 YEARS OLD, AND ABORTION/LIVE BIRTH RATIO, BY STATE OF OCCURRENCE: 1973 TO 1980

[Number of legal abortions are from five surveys of hospitals, clinics, and physicians identified as providers of abortion services, conducted by the Alan Guttmacher Institute. Abortion rates are computed per 1,000 women 15–44 years of age on **July 1** of specified year; abortion ratios are computed as the number of abortions per 1,000 live births from **July 1, 1973** to **June 30, 1974,** from **July 1, 1975** to **June 30, 1976,** from **July 1, 1979** to **June 30, 1980,** and from **July 1, 1980** to **June 30, 1981,** respectively, by State of occurrence]

STATE	NUMBER OF ABORTIONS (1,000)				RATE PER 1,000 WOMEN [1]				RATIO: ABORTIONS PER 1,000 LIVE BIRTHS			
	1973	1975	1979	1980	1973	1975	1979	1980	1973	1975	1979	1980
United States	**744.6**	**1,034.2**	**1,497.7**	**1,553.9**	**16.3**	**21.7**	**28.8**	**29.3**	**239**	**331**	**422**	**428**
New England	**23.1**	**54.1**	**81.4**	**83.9**	**9.0**	**20.4**	**28.6**	**28.9**	**152**	**372**	**511**	**530**
Maine	.7	2.0	4.7	4.8	3.3	8.8	18.8	18.6	47	136	296	289
New Hampshire	.6	1.8	4.2	4.7	3.3	9.9	19.7	21.1	52	178	320	347
Vermont	1.5	2.2	3.4	3.8	14.8	21.0	28.0	30.4	233	350	460	466
Massachusetts	12.4	33.3	45.1	45.6	10.1	26.4	33.6	33.5	173	488	615	609
Rhode Island	1.1	3.3	5.6	6.6	5.8	16.5	26.5	30.7	96	298	453	529
Connecticut	6.8	11.4	18.4	18.4	10.4	17.1	25.8	25.6	188	328	496	561
Middle Atlantic	**252.9**	**250.6**	**299.3**	**311.8**	**32.0**	**31.2**	**35.8**	**37.0**	**531**	**532**	**622**	**627**
New York	212.7	170.7	183.2	187.5	54.5	43.3	45.1	45.8	904	727	787	780
New Jersey	10.2	32.4	51.2	55.5	6.7	20.6	30.7	32.8	113	369	566	591
Pennsylvania	29.9	47.4	64.9	68.9	12.2	18.9	24.8	26.1	200	320	412	423
East North Central	**97.4**	**166.6**	**237.5**	**242.9**	**11.1**	**18.4**	**24.7**	**24.9**	**161**	**280**	**358**	**369**
Ohio	17.3	44.6	64.4	67.1	7.4	18.8	25.9	26.8	109	290	381	397
Indiana	1.8	7.7	18.9	19.6	1.5	6.5	15.0	15.3	21	94	211	227
Illinois	32.8	60.3	70.9	69.1	13.6	24.4	26.9	25.9	199	363	381	374
Michigan	37.5	42.7	63.0	65.2	19.1	21.1	29.1	29.7	272	330	438	457
Wisconsin	8.2	11.3	20.2	21.8	8.6	11.5	19.0	20.1	129	176	271	292
West North Central	**29.6**	**51.4**	**69.7**	**75.2**	**8.6**	**14.4**	**18.1**	**19.2**	**125**	**208**	**243**	**260**
Minnesota	7.3	12.8	19.1	19.9	8.8	14.8	20.2	20.7	137	229	284	288
Iowa	2.3	6.2	9.3	9.3	4.0	10.4	14.5	14.3	59	150	192	195
Missouri	3.4	11.0	17.7	21.6	3.5	10.7	16.1	19.4	49	156	221	273
North Dakota	-	.9	2.8	3.1	-	6.7	19.6	21.5	-	80	219	235
South Dakota	1.6	1.6	1.4	1.4	12.2	11.2	9.7	9.0	153	138	112	103
Nebraska	2.3	4.6	5.7	6.4	7.2	14.2	16.2	17.9	99	193	207	227
Kansas	12.6	14.3	13.7	13.6	26.5	29.2	26.2	25.6	413	440	358	343
South Atlantic	**114.4**	**172.4**	**247.3**	**254.5**	**16.0**	**22.8**	**29.3**	**29.4**	**233**	**362**	**459**	**462**
Delaware	2.1	2.4	3.6	3.7	16.3	17.9	25.7	25.9	255	280	389	395
Maryland	11.1	21.8	28.0	30.5	12.2	23.1	27.3	29.2	241	485	545	571
District of Columbia	44.6	31.4	28.7	28.5	251.4	180.1	168.0	168.3	2,355	1,619	1,525	1,569
Virginia	8.4	20.3	31.4	31.8	7.6	17.5	24.4	24.2	124	303	419	417
West Virginia	(z)	.1	3.1	3.0	.1	.3	7.3	6.9	2	4	103	104
North Carolina	12.3	20.0	30.4	31.9	10.2	16.0	22.2	22.8	146	252	356	377
South Carolina	2.2	6.2	13.2	13.7	3.5	9.5	18.0	18.2	47	137	266	274
Georgia	11.0	23.8	38.8	37.9	10.0	20.4	29.8	28.4	129	294	416	395
Florida	22.9	46.5	70.2	73.6	14.7	27.4	35.1	35.5	214	449	556	547
East South Central	**12.7**	**32.5**	**60.9**	**65.3**	**4.4**	**10.7**	**18.3**	**19.2**	**56**	**146**	**250**	**271**
Kentucky	2.6	8.5	12.9	12.8	3.6	11.4	15.5	15.1	48	148	208	215
Tennessee	5.3	17.6	25.4	25.6	5.8	18.3	24.0	23.6	79	269	348	352
Alabama	4.6	6.0	17.6	20.8	6.0	7.4	19.9	23.1	78	105	286	331
Mississippi	.1	.3	5.1	6.1	.2	1.0	9.0	10.6	3	7	107	132
West South Central	**19.1**	**65.9**	**127.1**	**137.2**	**4.2**	**13.7**	**23.3**	**24.5**	**53**	**179**	**295**	**308**
Arkansas	1.1	2.6	6.1	6.2	2.7	5.9	12.4	12.3	35	78	168	173
Louisiana	-	5.3	16.0	17.7	-	6.0	16.4	17.6	-	78	198	218
Oklahoma	.6	6.8	10.8	11.3	1.0	11.2	16.1	16.4	15	163	222	221
Texas	17.3	51.2	94.1	102.0	6.4	17.7	28.5	30.0	79	226	356	367
Mountain	**17.1**	**33.6**	**63.6**	**68.2**	**8.3**	**15.0**	**24.1**	**25.0**	**103**	**188**	**286**	**302**
Montana	.5	1.5	3.6	3.7	3.0	9.3	19.9	20.1	39	124	254	265
Idaho	.4	1.1	2.0	2.7	2.3	6.0	9.8	12.7	26	67	105	141
Wyoming	.2	.5	1.0	1.1	2.2	5.9	9.4	9.5	30	79	110	107
Colorado	7.6	13.6	22.4	23.1	13.5	22.3	31.4	31.4	195	338	458	447
New Mexico	4.7	5.1	8.0	8.4	18.9	19.2	26.5	27.0	227	249	308	358
Arizona	2.8	6.7	14.5	15.8	6.1	13.4	23.9	25.0	78	170	299	310
Utah	.1	2.0	3.8	4.2	.4	7.0	11.5	12.3	4	60	88	97
Nevada	1.0	3.0	8.2	9.2	7.1	19.9	43.7	46.6	108	322	622	697
Pacific	**178.5**	**207.3**	**310.8**	**314.9**	**28.5**	**31.2**	**41.6**	**41.0**	**449**	**490**	**598**	**561**
Washington	17.3	20.9	35.6	37.0	21.8	24.7	37.0	37.5	373	435	562	522
Oregon	11.4	13.3	17.7	17.7	23.3	25.1	29.2	28.3	356	381	402	396
California	143.9	165.6	248.1	250.4	30.5	33.2	44.4	43.7	485	523	644	598
Alaska	1.2	1.6	1.9	1.9	14.8	18.9	18.6	17.9	174	202	211	196
Hawaii	4.7	5.9	7.6	8.0	24.9	29.5	33.7	34.4	303	363	420	441

- Represents zero. Z Fewer than 50 legal abortions reported by providers. [1] Based on population estimates recalculated by source using 1970 and 1980 census counts.

Source: Alan Guttmacher Institute, New York, N.Y. 1973 and 1975, derived from Sullivan, E., C. Tietze, and J. Dryfoos, "Legal Abortion in the United States, 1975-1976," *Family Planning Perspectives,* vol. 9, No. 3, 1977. 1979 and 1980, Henshaw, S. K., et al., "Abortion in the United States, 1979-1980," *Family Planning Perspectives,* vol. 14, No. 1, 1982.

No. 101. Expectation of Life at Birth: 1920 to 1982

[In years. Prior to 1960, excludes Alaska and Hawaii. Data prior to 1940 for death-registration States only; see text, p. 61. Beginning 1970, excludes deaths of nonresidents of the United States. See also *Historical Statistics, Colonial Times to 1970*, series B 107-115]

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1920	54.1	53.6	54.6	54.9	54.4	55.6	45.3	45.5	45.2
1930	59.7	58.1	61.6	61.4	59.7	62.5	48.1	47.3	49.2
1940	62.9	60.8	65.2	64.2	62.1	66.6	53.1	51.5	54.9
1950	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9
1955	69.6	66.7	72.8	70.5	67.4	73.7	63.7	61.4	66.1
1960	69.7	66.6	73.1	70.6	67.4	74.1	63.6	61.1	66.3
1965	70.2	66.8	73.7	71.0	67.6	74.7	64.1	61.1	67.4
1970	70.9	67.1	74.8	71.7	68.0	75.6	65.3	61.3	69.4
1971	71.1	67.4	75.0	72.0	68.3	75.8	65.6	61.6	69.8
1972	71.2	67.4	75.1	72.0	68.3	75.9	65.7	61.5	70.1
1973	71.4	67.6	75.3	72.2	68.5	76.1	66.1	62.0	70.3
1974	72.0	68.2	75.9	72.8	69.0	76.7	67.1	62.9	71.3
1975	72.6	68.8	76.6	73.4	69.5	77.3	68.0	63.7	72.4
1976	72.9	69.1	76.8	73.6	69.9	77.5	68.4	64.2	72.7
1977	73.3	69.5	77.2	74.0	70.2	77.9	68.9	64.7	73.2
1978	73.5	69.6	77.3	74.1	70.4	78.0	69.3	65.0	73.5
1979	73.9	70.0	77.8	74.6	70.8	78.4	69.8	65.4	74.1
1980	73.7	70.0	77.5	74.4	70.7	78.1	69.5	65.3	73.6
1981, prel	74.1	70.3	77.9	74.7	71.0	78.5	70.3	66.1	74.5
1982, prel	74.5	70.8	78.2	75.1	71.4	78.7	70.9	66.5	75.2

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 102. Selected Life Table Values: 1949 to 1980

[Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes deaths of nonresidents of the United States. See *Historical Statistics, Colonial Times to 1970*, series B 116-125]

AGE AND SEX	WHITE					BLACK AND OTHER					BLACK	
	1949-1951	1959-1961	1969-1971	1975	1980	1949-1951	1959-1961	1969-1971	1975	1980	1975	1980
	AVERAGE EXPECTATION OF LIFE IN YEARS											
At birth: Male	66.3	67.6	67.9	69.5	70.7	58.9	61.5	61.0	63.7	65.3	62.4	63.7
Female	72.0	74.2	75.5	77.3	78.1	62.7	66.5	69.1	72.4	73.6	71.3	72.3
Age 20: Male	49.5	50.3	50.2	51.5	52.4	43.7	45.8	44.4	46.4	47.5	45.2	46.0
Female	54.6	56.3	57.2	58.8	59.4	46.8	50.1	51.9	54.7	55.5	53.7	54.3
Age 40: Male	31.2	31.7	31.9	33.1	34.0	27.3	28.7	28.3	29.8	30.3	28.8	29.1
Female	35.6	37.1	38.1	39.5	40.1	29.8	32.2	33.9	36.3	36.8	35.3	35.7
Age 50: Male	22.8	23.2	23.3	24.4	25.2	20.3	21.3	21.2	21.4	22.6	21.6	21.6
Female	26.8	28.1	29.1	30.4	30.9	22.7	24.3	26.0	28.0	28.3	27.2	27.3
Age 65: Male	12.8	13.0	13.0	13.8	14.2	12.8	12.8	12.9	13.6	13.5	13.1	12.9
Female	15.0	15.9	16.9	18.2	18.5	14.5	15.1	16.0	17.9	17.3	16.7	16.5
	ANNUAL DEATHS EXPECTED PER 1,000 ALIVE AT SPECIFIED AGE											
At birth: Male	30.7	25.9	20.1	15.9	12.3	50.9	47.0	34.1	26.3	20.9	28.4	23.4
Female	23.6	19.6	15.3	12.3	9.7	40.9	38.3	27.7	22.2	17.6	24.1	19.5
Age 20: Male	1.6	1.6	1.9	1.8	1.8	3.1	2.4	3.6	2.7	2.3	2.8	2.4
Female	.7	.6	.6	.6	.6	2.3	1.2	1.2	.9	.7	1.0	.7
Age 40: Male	3.9	3.3	3.4	2.9	2.6	8.8	7.5	9.0	7.2	6.0	8.0	7.0
Female	2.4	1.9	1.9	1.7	1.4	7.7	5.6	5.1	3.6	3.0	4.0	3.3
Age 50: Male	10.1	9.6	8.9	8.0	7.1	19.1	15.7	16.8	14.9	13.4	16.2	15.1
Female	5.6	4.7	4.7	4.2	3.8	16.0	11.7	10.1	7.9	7.0	8.5	7.8
Age 65: Male	34.5	33.9	33.9	30.0	27.5	45.8	43.7	41.7	36.2	36.2	38.1	39.3
Female	20.6	17.4	15.6	13.7	13.7	37.0	30.7	27.4	20.3	20.4	20.9	21.9
	NUMBER SURVIVING TO SPECIFIED AGE PER 1,000 BORN LIVE											
Age 20: Male	951	959	964	970	975	919	931	943	956	964	954	961
Female	965	971	976	980	983	935	947	959	968	974	966	972
Age 40: Male	912	924	925	935	939	826	857	844	872	894	863	883
Female	941	953	957	964	969	861	897	912	934	943	929	941
Age 50: Male	856	874	877	890	901	729	772	747	788	819	772	798
Female	907	925	929	939	947	770	830	850	884	903	876	893
Age 65: Male	635	658	652	695	723	452	514	496	546	560	521	545
Female	768	807	809	834	847	524	608	661	720	750	704	726

Source: U.S. National Center for Health Statistics, *U.S. Life Tables and Actuarial Tables, 1949-51; 1959-61*; and *Vital Statistics of the United States*, annual; and unpublished data.

No. 103. Expectation of Life and Expected Deaths, by Race, Sex, and Age: 1980

Age in 1980 (years)	Expectation of life in years					Expected deaths per 1,000 alive at specified age				
	Total	White		Black		Total	White		Black	
		Male	Female	Male	Female		Male	Female	Male	Female
At birth	73.7	70.7	78.1	63.7	72.3	12.66	12.33	9.69	23.35	19.49
1	73.7	70.6	77.9	64.2	72.7	.88	.95	.66	1.38	1.08
2	72.7	69.6	76.9	63.3	71.8	.68	.70	.52	1.15	.89
3	71.8	68.7	76.0	62.3	70.9	.54	.54	.42	.96	.73
4	70.8	67.7	75.0	61.4	69.9	.44	.44	.35	.80	.59
5	69.8	66.8	74.0	60.5	69.0	.38	.39	.30	.67	.47
6	68.9	65.8	73.1	59.5	68.0	.34	.36	.27	.57	.38
7	67.9	64.8	72.1	58.5	67.0	.30	.33	.24	.48	.31
8	66.9	63.8	71.1	57.6	66.0	.27	.29	.21	.41	.27
9	65.9	62.8	70.1	56.6	65.1	.23	.24	.19	.36	.24
10	64.9	61.9	69.1	55.6	64.1	.20	.20	.17	.34	.24
11	64.0	60.9	68.1	54.6	63.1	.20	.20	.16	.35	.25
12	63.0	59.9	67.1	53.6	62.1	.25	.28	.19	.40	.27
13	62.0	58.9	66.2	52.7	61.1	.37	.47	.25	.52	.30
14	61.0	57.9	65.2	51.7	60.1	.53	.72	.33	.68	.33
15	60.0	57.0	64.2	50.7	59.2	.71	1.01	.42	.85	.38
16	59.1	56.0	63.2	49.8	58.2	.88	1.28	.51	1.05	.43
17	58.1	55.1	62.3	48.8	57.2	1.02	1.50	.57	1.30	.50
18	57.2	54.2	61.3	47.9	56.2	1.12	1.65	.60	1.62	.57
19	56.3	53.3	60.3	46.9	55.3	1.19	1.74	.59	1.98	.65
20	55.3	52.4	59.4	46.0	54.3	1.25	1.83	.58	2.38	.74
21	54.4	51.5	58.4	45.2	53.3	1.32	1.91	.58	2.76	.84
22	53.5	50.5	57.4	44.3	52.4	1.36	1.96	.57	3.06	.93
23	52.5	49.6	56.5	43.4	51.4	1.37	1.95	.57	3.25	1.01
24	51.6	48.7	55.5	42.5	50.5	1.36	1.90	.57	3.35	1.09
25	50.7	47.8	54.5	41.7	49.5	1.34	1.84	.57	3.43	1.17
26	49.7	46.9	53.6	40.8	48.6	1.32	1.78	.57	3.54	1.26
27	48.8	46.0	52.6	40.0	47.7	1.31	1.73	.58	3.65	1.34
28	47.9	45.1	51.6	39.1	46.7	1.31	1.69	.59	3.80	1.40
29	46.9	44.2	50.6	38.3	45.8	1.31	1.67	.62	3.98	1.46
30	46.0	43.2	49.7	37.4	44.8	1.33	1.65	.64	4.16	1.52
31	45.1	42.3	48.7	36.6	43.9	1.35	1.64	.68	4.35	1.60
32	44.1	41.4	47.7	35.7	43.0	1.38	1.65	.72	4.54	1.69
33	43.2	40.4	46.8	34.9	42.1	1.43	1.69	.77	4.75	1.81
34	42.2	39.5	45.8	34.1	41.1	1.50	1.75	.83	4.98	1.94
35	41.3	38.6	44.9	33.2	40.2	1.59	1.83	.90	5.23	2.09
36	40.4	37.6	43.9	32.4	39.3	1.69	1.93	.98	5.51	2.27
37	39.4	36.7	42.9	31.6	38.4	1.81	2.06	1.07	5.82	2.47
38	38.5	35.8	42.0	30.8	37.5	1.96	2.21	1.17	6.16	2.73
39	37.6	34.9	41.0	29.9	36.6	2.12	2.38	1.28	6.55	3.02
40	36.7	34.0	40.1	29.1	35.7	2.31	2.59	1.41	6.97	3.34
41	35.7	33.0	39.1	28.3	34.8	2.53	2.83	1.55	7.44	3.68
42	34.8	32.1	38.2	27.5	33.9	2.77	3.11	1.71	7.98	4.05
43	33.9	31.2	37.3	26.8	33.1	3.04	3.43	1.89	8.63	4.43
44	33.0	30.3	36.3	26.0	32.2	3.35	3.79	2.09	9.36	4.85
45	32.1	29.4	35.4	25.2	31.4	3.68	4.19	2.31	10.14	5.29
46	31.3	28.6	34.5	24.5	30.5	4.04	4.64	2.55	10.97	5.76
47	30.4	27.7	33.6	23.8	29.7	4.44	5.15	2.82	11.88	6.24
48	29.5	26.8	32.7	23.0	28.9	4.89	5.72	3.10	12.88	6.74
49	28.7	26.0	31.8	22.3	28.1	5.38	6.36	3.42	13.95	7.26
50	27.8	25.2	30.9	21.6	27.3	5.91	7.05	3.76	15.10	7.81
51	27.0	24.3	30.0	21.0	26.5	6.48	7.80	4.13	16.29	8.40
52	26.1	23.5	29.1	20.3	25.7	7.09	8.60	4.52	17.52	9.04
53	25.3	22.7	28.2	19.7	24.9	7.72	9.46	4.92	18.76	9.72
54	24.5	21.9	27.4	19.0	24.2	8.39	10.38	5.34	20.03	10.45
55	23.7	21.2	26.5	18.4	23.4	9.10	11.37	5.80	21.35	11.22
56	22.9	20.4	25.7	17.8	22.7	9.88	12.44	6.31	22.74	12.04
57	22.2	19.6	24.8	17.2	22.0	10.74	13.61	6.87	24.23	12.93
58	21.4	18.9	24.0	16.6	21.3	11.69	14.89	7.51	25.85	13.91
59	20.6	18.2	23.2	16.0	20.5	12.73	16.27	8.22	27.59	14.96
60	19.9	17.5	22.4	15.5	19.8	13.84	17.75	9.00	29.44	16.12
61	19.2	16.8	21.6	14.9	19.2	15.04	19.34	9.83	31.36	17.33
62	18.5	16.1	20.8	14.4	18.5	16.32	21.10	10.72	33.32	18.52
63	17.8	15.4	20.0	13.9	17.8	17.69	23.06	11.64	35.27	19.66
64	17.1	14.8	19.2	13.4	17.2	19.17	25.21	12.63	37.26	20.79
65	16.4	14.2	18.5	12.9	16.5	20.75	27.51	13.69	39.30	21.92
70	13.2	11.3	14.8	10.5	13.4	30.94	41.84	21.19	52.53	31.90
75	10.4	8.8	11.5	8.3	10.7	45.74	61.92	33.74	69.56	44.80
80	7.9	6.7	8.6	6.3	8.2	69.01	91.49	55.55	94.62	64.63
85 and over	5.9	5.0	6.3	4.5	6.1	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

NO. 104. DEATHS AND DEATH RATES, BY SEX AND RACE: 1950 TO 1981

[**Rates are per 1,000 population for specified groups.** 1950 excludes Alaska and Hawaii. Beginning 1970, excludes deaths of nonresidents of the U.S. Excludes fetal deaths. See Appendix III. For explanation of age-adjustment, see text, p. 61. See also *Historical Statistics, Colonial Times to 1970*, series B 167-173 and B 181-192]

RACE AND SEX	1950	1960	1965	1970	1975	1977	1978	1979	1980	1981, prel.
Deaths (1,000)	1,452	1,712	1,828	1,921	1,893	1,900	1,928	1,914	1,990	1,987
Male (1,000)	828	976	1,035	1,078	1,051	1,046	1,055	1,045	1,075	1,071
Female (1,000)	625	736	793	843	842	853	872	869	915	915
White (1,000)	1,276	1,505	1,605	1,682	1,660	1,664	1,690	1,676	1,739	1,740
Male (1,000)	731	861	911	942	918	913	920	910	934	933
Female (1,000)	545	644	695	740	743	751	770	766	805	807
Black (1,000)	170	196	211	226	218	220	221	221	233	(NA)
Male (1,000)	92	108	117	128	124	124	125	124	130	(NA)
Female (1,000)	78	88	94	98	94	96	97	96	103	(NA)
Death rates	9.6	9.5	9.4	9.5	8.6	8.6	8.7	8.5	8.8	8.7
Male	11.1	11.0	10.9	10.9	10.0	9.8	9.8	9.6	9.8	9.6
Female	8.2	8.1	8.0	8.1	7.6	7.6	7.6	7.5	7.9	7.8
White	9.5	9.5	9.4	9.5	8.7	8.7	8.8	8.7	8.9	8.9
Male	10.9	11.0	10.9	10.9	10.0	9.8	9.8	9.6	9.8	9.7
Female	8.0	8.0	8.0	8.1	7.8	7.7	7.8	7.7	8.1	8.0
Black	11.3	10.4	10.1	10.0	8.8	8.6	8.6	8.4	8.8	(NA)
Male	12.6	11.8	11.6	11.9	10.6	10.3	10.2	10.0	10.3	(NA)
Female	10.0	9.1	8.6	8.3	7.3	7.2	7.1	7.0	7.3	(NA)
Age-adjusted death rates	8.4	7.6	7.4	7.1	6.2	6.0	6.0	5.8	5.9	5.7
Male	10.0	9.5	9.5	9.3	8.2	8.0	7.9	7.7	7.8	7.6
Female	6.9	5.9	5.6	5.3	4.6	4.4	4.4	4.2	4.3	4.2
White	8.0	7.3	7.0	6.8	6.0	5.8	5.7	5.5	5.6	5.5
Male	9.6	9.2	9.1	8.9	8.0	7.7	7.6	7.4	7.5	7.3
Female	6.5	5.6	5.3	5.0	4.4	4.2	4.2	4.0	4.1	4.0
Black	[1] 12.3	10.7	10.5	10.4	8.9	8.5	8.3	8.1	8.4	(NA)
Male	[1] 13.6	12.5	12.7	13.2	11.6	11.1	10.9	10.7	11.1	(NA)
Female	[1] 11.0	9.2	8.6	8.1	6.7	6.4	6.2	6.1	6.3	(NA)

NA Not available. [1] Black and other races.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and unpublished data.

NO. 105. DEATH RATES, BY AGE, SEX AND RACE: 1950 TO 1981

[**Number of deaths per 100,000 population in specified group.** See headnote, table 104]

SEX, YEAR, AND RACE	All ages [1]	Under 1 yr. old	1-4 yr. old	5-14 yr. old	15-24 yr. old	25-34 yr. old	35-44 yr. old	45-54 yr. old	55-64 yr. old	65-74 yr. old	75-84 yr. old	85 yr. and over
MALE												
1950	1,106	3,728	152	71	168	217	429	1,067	2,395	4,931	10,426	21,636
1960	1,105	3,059	120	56	152	188	373	992	2,310	4,914	10,178	21,186
1970	1,090	2,410	93	51	189	215	403	959	2,283	4,874	10,010	17,822
1975	1,002	1,766	77	41	174	199	345	859	2,019	4,409	9,154	18,135
1979	958	1,482	71	38	171	192	301	779	1,815	4,049	8,565	17,604
1980	977	1,429	73	37	172	196	299	767	1,815	4,105	8,817	18,801
1981, prel	962	1,345	68	39	159	198	302	761	1,784	4,013	8,526	18,238
White: 1970	1,087	2,113	84	48	171	177	344	883	2,203	4,810	10,099	18,552
1975	1,004	1,552	70	41	164	166	295	791	1,941	4,343	9,275	18,562
1980	983	1,230	66	35	167	171	257	699	1,729	4,036	8,830	19,097
1981, prel	973	1,194	62	38	155	174	263	700	1,696	3,951	8,590	18,520
Black: 1970	1,187	4,299	151	67	321	560	957	1,778	3,257	5,803	9,455	12,222
1975	1,055	3,197	115	57	246	484	795	1,584	2,951	5,378	8,035	14,346
1980	1,034	2,587	111	47	209	407	690	1,480	2,873	5,131	9,232	16,099
FEMALE												
1950	824	2,855	127	49	89	143	290	642	1,405	3,333	8,400	19,195
1960	809	2,321	98	37	61	107	229	527	1,196	2,872	7,633	19,008
1970	808	1,864	75	32	68	102	231	517	1,099	2,580	6,678	15,518
1975	761	1,411	63	27	60	84	191	455	994	2,237	5,743	14,455
1979	753	1,177	57	24	58	75	161	413	918	2,072	5,271	13,788
1980	785	1,142	55	24	58	76	159	413	934	2,145	5,440	14,747
1981, prel	777	1,029	52	22	55	77	156	408	942	2,115	5,186	14,089
White: 1970	813	1,615	66	30	62	84	193	463	1,015	2,471	6,699	15,980
1975	775	1,192	56	26	55	72	165	414	929	2,142	5,785	14,750
1980	806	963	49	23	56	65	138	373	876	2,067	5,402	14,980
1981, prel	801	925	49	21	53	66	137	375	884	2,047	5,175	14,272
Black: 1970	829	3,369	129	44	112	231	533	1,044	1,986	3,861	6,692	10,707
1975	726	2,680	97	34	87	168	391	844	1,673	3,341	5,386	11,266
1980	733	2,124	84	31	71	150	324	768	1,561	3,057	6,212	12,367

[1] Includes unknown age.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and unpublished data.

NO. 106. DEATHS AND DEATH RATES, BY STATE: 1960 TO 1980

[By place of residence. Beginning 1970, excludes deaths of nonresidents of the U.S. See Appendix III]

REGION, DIVISION AND STATE	NUMBER OF DEATHS (1,000)							RATE [2]						
	1960	1965	1970	1975	1980			1960	1965	1970	1975	1980		
					Total [1]	White	Black					Total [1]	White [3]	Black [3]
U.S	1,712	1,828	1,921	1,893	1,990	1,738	233	9.5	9.4	9.5	8.8	8.8	8.9	8.7
Regions:														
Northeast	470	493	499	466	480	437	41	10.5	10.4	10.2	9.4	9.8	10.1	8.3
North Central	504	529	541	519	524	476	45	9.8	9.8	9.6	9.0	8.9	9.0	8.5
South	499	542	593	610	659	526	130	9.1	9.1	9.5	8.8	8.7	8.7	9.3
West	239	264	288	297	327	299	17	8.5	8.2	8.3	7.7	7.6	7.9	7.1
N.E	112	117	116	110	115	111	3	10.6	10.5	9.8	9.1	9.3	9.5	6.2
Maine	11	11	11	10	11	11	(Z)	11.1	10.9	11.1	9.6	9.6	9.7	3.5
N.H	7	7	7	7	8	8	(Z)	11.0	10.9	10.0	8.7	8.3	8.4	4.0
Vt	4	5	4	4	5	5	(Z)	11.4	11.6	10.0	8.9	9.0	9.0	4.4
Mass	57	59	57	54	55	53	2	11.0	11.0	10.1	9.4	9.6	9.8	6.3
R.I	9	10	9	9	9	9	(Z)	10.5	10.9	10.0	9.4	9.8	10.0	6.2
Conn	24	26	26	26	27	26	1	9.4	9.1	8.6	8.3	8.8	9.0	6.1
M.A	359	376	383	356	365	326	38	10.5	10.3	10.3	9.5	9.9	10.3	8.5
N.Y	178	185	188	170	173	152	20	10.6	10.2	10.3	9.4	9.8	10.3	8.0
N.J	59	65	68	65	69	62	7	9.8	9.6	9.5	8.9	9.4	9.8	7.7
Pa	121	126	127	121	124	113	11	10.7	10.9	10.8	10.1	10.4	10.5	10.4
E.N.C	348	368	377	361	365	326	38	9.6	9.7	9.4	8.8	8.8	8.9	8.3
Ohio	93	98	100	96	98	89	10	9.6	9.6	9.4	8.9	9.1	9.2	9.1
Ind	45	48	49	47	47	44	4	9.7	9.8	9.3	8.7	8.6	8.7	8.5
Ill	103	108	111	104	103	89	14	10.2	10.2	10.0	9.2	9.0	9.3	8.3
Mich	68	74	76	75	75	65	10	8.7	9.0	8.6	8.2	8.1	8.2	8.1
Wis	38	40	41	40	41	40	1	9.7	9.7	9.2	8.7	8.7	8.9	5.3
W.N.C	156	161	164	158	159	150	7	10.1	10.1	10.1	9.4	9.2	9.3	9.3
Minn	32	33	34	33	33	33	(Z)	9.3	9.2	8.9	8.3	8.2	8.3	6.0
Iowa	29	29	29	28	27	27	(Z)	10.4	10.7	10.4	9.8	9.3	9.4	8.0
Mo	48	50	52	49	50	44	5	11.2	11.2	11.1	10.2	10.1	10.2	10.0
N. Dak	5	6	6	5	6	5	(Z)	8.6	8.5	9.1	8.6	8.6	8.6	1.9
S. Dak	7	7	7	6	7	6	(Z)	9.7	9.3	9.9	9.5	9.5	9.5	3.7
Nebr	14	15	15	15	14	14	(Z)	10.0	10.0	10.1	9.5	9.2	9.3	7.4
Kans	21	22	22	22	22	21	1	9.7	9.7	9.7	9.6	9.3	9.4	9.1
S.A	236	262	290	301	330	261	68	9.1	9.1	9.5	8.8	8.9	9.0	8.9
Del	4	5	5	5	5	4	1	9.4	9.0	9.0	7.9	8.5	8.6	9.4
Md	28	31	33	32	34	27	7	9.0	8.8	8.4	7.7	8.1	8.4	7.3
D.C	9	9	9	7	7	2	5	11.5	11.3	11.7	10.5	11.1	12.1	10.9
Va	34	37	39	40	43	33	10	8.7	8.3	8.4	7.6	7.9	7.7	9.4
W. Va	18	19	20	20	19	18	1	9.7	10.6	11.5	10.6	9.9	9.8	14.0
N.C	38	42	45	46	48	36	12	8.4	8.5	8.8	8.3	8.2	8.1	9.0
S.C	21	22	23	23	25	17	8	8.7	8.5	8.8	8.1	8.1	7.8	8.8
Ga	35	38	42	41	44	31	13	9.0	8.8	9.1	8.2	8.1	7.9	8.9
Fla	48	59	75	87	105	93	12	9.7	10.2	11.0	10.2	10.7	11.2	8.7
E.S.C	115	121	128	128	134	104	29	9.5	9.5	10.0	9.3	9.1	8.9	10.3
Ky	30	31	33	33	34	31	3	9.9	9.8	10.3	9.6	9.2	9.2	10.7
Tenn	33	35	38	39	41	33	7	9.2	9.1	9.7	9.1	8.9	8.7	10.0
Ala	30	33	34	34	36	25	10	9.3	9.4	9.8	9.1	9.1	8.7	10.4
Miss	22	23	23	23	24	15	9	10.0	9.8	10.5	9.5	9.4	9.0	10.2
W.S.C	148	159	175	181	195	161	33	8.7	8.6	9.1	8.5	8.2	8.1	9.3
Ark	18	19	21	22	23	19	4	10.0	9.8	10.7	10.1	9.9	9.8	11.1
La	30	32	33	34	36	24	12	9.1	9.1	9.2	8.7	8.5	8.1	9.5
Okla	23	24	27	27	28	25	2	9.8	9.6	10.5	9.8	9.3	9.6	9.6
Tex	77	84	94	98	108	93	15	8.1	7.9	8.4	7.8	7.6	7.5	8.7
Mt	55	60	66	71	80	76	2	8.1	7.8	8.0	7.2	7.0	7.1	6.2
Mont	7	7	7	7	7	6	(Z)	9.7	9.3	9.5	8.7	8.5	8.5	6.1
Idaho	5	6	6	7	7	7	(Z)	8.1	8.6	8.6	7.8	7.2	7.2	4.4
Wyo	3	3	3	3	3	3	(Z)	8.5	8.3	8.8	8.1	6.9	6.8	6.8
Colo	15	16	17	17	19	18	1	8.7	8.2	7.9	6.7	6.6	6.7	5.7
N. Mex	7	7	7	8	9	8	(Z)	6.9	6.6	7.3	6.9	7.0	7.1	5.7
Ariz	10	12	15	17	21	20	1	7.8	7.5	8.4	7.4	7.9	8.0	7.3
Utah	6	7	7	8	8	8	(Z)	6.8	6.7	6.7	6.1	5.6	5.6	4.8
Nev	3	3	4	4	6	5	(Z)	8.9	7.3	7.9	7.2	7.4	7.6	5.8
Pac	184	204	221	227	247	223	15	8.7	8.3	8.3	7.9	7.8	8.2	7.3
Wash	27	27	30	30	32	31	1	9.3	9.2	8.8	8.2	7.7	8.0	6.0
Oreg	17	18	20	20	22	21	(Z)	9.5	9.6	9.3	8.7	8.3	8.4	7.4
Calif	136	153	166	171	187	169	14	8.6	8.2	8.3	7.9	7.9	8.3	7.4
Alaska	1	1	1	2	2	1	(Z)	5.8	5.3	4.8	4.1	4.3	3.7	3.4
Hawaii	4	4	4	4	5	2	(Z)	5.6	5.1	5.2	4.9	5.2	4.6	2.0

Z Fewer than 500. [1] Includes other races not shown separately. [2] Rate per 1,000 population. Based on population (excluding Armed Forces abroad) enumerated as of Apr. 1 for 1960, 1970, and 1980, and estimated as of July 1 for other years. [3] Based on modified census counts, see text, p. 3.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 107. Infant, Maternal, and Neonatal Mortality Rates, and Fetal Mortality Ratios, by Race: 1940 to 1980

[**Deaths per 1,000 live births, except as noted.** Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes deaths of nonresidents of U.S. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series B 136-147]

ITEM	1940	1950	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Infant deaths [1]	**47.0**	**29.2**	**26.0**	**24.7**	**20.0**	**17.7**	**16.7**	**16.1**	**15.2**	**14.1**	**13.8**	**13.1**	**12.6**
White	43.2	26.8	22.9	21.5	17.8	15.8	14.8	14.2	13.3	12.3	12.0	11.4	11.0
Black and other	73.8	44.5	43.2	40.3	30.9	26.2	24.9	24.2	23.5	21.7	21.1	19.8	19.1
Black	72.9	43.9	44.3	41.7	32.6	28.1	26.8	26.2	25.5	23.6	23.1	21.8	21.4
Maternal deaths [2]	**376.0**	**83.3**	**37.1**	**31.6**	**21.5**	**15.2**	**14.6**	**12.8**	**12.3**	**11.2**	**9.8**	**9.6**	**9.2**
White	319.8	61.1	26.0	21.0	14.4	10.7	10.0	9.1	9.0	7.7	6.4	6.4	6.7
Black and other	773.5	221.6	97.9	83.7	55.9	34.6	35.1	29.0	26.5	26.0	23.0	22.7	19.8
Black	781.7	223.0	103.6	88.3	59.8	38.4	38.3	31.3	29.5	29.2	25.0	25.1	21.5
Fetal deaths [3]	(NA)	**19.2**	**16.1**	**16.2**	**14.2**	**12.2**	**11.5**	**10.7**	**10.5**	**9.9**	**9.7**	**9.4**	**9.0**
White	(NA)	17.1	14.1	13.9	12.4	10.8	10.2	9.5	9.3	8.7	8.5	8.4	8.0
Black and other	(NA)	32.5	26.8	27.2	22.6	18.6	17.0	16.0	15.2	14.6	14.7	13.8	13.1
Neonatal deaths [4]	**28.8**	**20.5**	**18.7**	**17.7**	**15.1**	**13.0**	**12.3**	**11.6**	**10.9**	**9.9**	**9.5**	**8.9**	**8.5**
White	27.2	19.4	17.2	16.1	13.8	11.8	11.1	10.4	9.7	8.7	8.4	7.9	7.5
Black and other	39.7	27.5	26.9	25.4	21.4	17.9	17.2	16.8	16.3	14.7	14.0	12.9	12.5
Black	39.9	27.8	27.8	26.5	22.8	19.3	18.7	18.3	17.9	16.1	15.5	14.3	14.1

NA Not available.
[1] Represents deaths of infants under 1 year old, exclusive of fetal deaths.
[2] Per 100,000 live births from deliveries and complications of pregnancy, childbirth, and the puerperium. Beginning 1979 deaths are classified according to the ninth revision of the *International Classification of Diseases;* for the earlier years classified according to the revision in use at the time; see text, p. 61.
[3] Beginning 1970, includes only those deaths with stated or presumed period of gestation of 20 weeks or more; for prior years, includes gestational age not stated. [4] Represents deaths of infants under 28 days old, exclusive of fetal deaths.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and unpublished data.

No. 108. Infant Mortality Rates—States: 1960 to 1980

[**Deaths per 1,000 live births, by place of residence.** Represents deaths of infants under 1 year old, exclusive of fetal deaths. Beginning 1970, excludes deaths of nonresidents of the United States. See Appendix III and *Historical Statistics, Colonial Times to 1970*, series B 143-147, for U.S. total by race]

DIVISION AND STATE	WHITE			BLACK		
	1960	1970	1980	1960	1970	1980
U.S	**22.9**	**17.8**	**11.0**	**44.3**	**32.6**	**21.4**
N. Eng	**21.7**	**16.8**	**10.1**	**37.2**	**33.9**	**17.7**
Maine	25.7	21.0	9.4	[1] 5.7	[1] 36.5	-
N.H	23.7	18.0	9.9	[1] 13.9	[1] 28.6	[1] 27.5
Vt	24.2	17.6	10.7	-	-	-
Mass	21.1	16.0	10.1	37.4	36.0	16.8
R.I	22.4	19.3	10.9	43.2	34.1	[1] 17.4
Conn	20.0	15.5	10.2	37.9	32.3	19.1
Mid. Atl	**22.0**	**17.3**	**11.1**	**42.3**	**32.7**	**21.1**
N.Y	21.5	16.9	10.8	42.8	31.6	20.0
N.J	21.9	16.9	10.3	42.5	33.0	21.9
Pa	22.6	18.2	11.9	41.2	35.2	23.1
E. No. Cent	**22.1**	**17.8**	**10.9**	**39.8**	**32.0**	**24.4**
Ohio	22.2	17.2	11.2	39.8	29.7	23.0
Ind	22.6	18.5	10.5	38.3	28.6	23.4
Ill	22.2	18.3	11.7	39.9	34.8	26.3
Mich	22.1	18.6	10.6	40.7	31.0	24.2
Wis	21.2	16.0	9.7	37.2	32.1	18.5
W. No. Cent	**21.7**	**17.3**	**10.5**	**42.5**	**33.3**	**21.3**
Minn	21.6	17.3	9.6	33.3	20.7	20.0
Iowa	21.7	18.3	11.5	36.8	35.9	27.2
Mo	21.4	17.0	11.1	45.6	34.5	20.7
N. Dak	24.1	14.3	11.7	[1] 43.5	-	[1] 27.5
S. Dak	24.2	16.7	9.0	[1] 80.0	[1] 83.3	-
Nebr	21.3	18.5	10.7	33.3	36.6	25.2
Kans	21.3	16.7	9.5	35.5	30.8	20.6
So. Atl	**23.6**	**18.0**	**11.6**	**47.6**	**33.1**	**21.6**
Del	17.8	16.3	9.8	51.2	31.5	27.9
Md	22.3	16.4	11.6	45.1	30.0	20.4
D.C	29.4	26.3	17.8	39.8	30.0	26.7

DIVISION AND STATE	WHITE			BLACK		
	1960	1970	1980	1960	1970	1980
So. Atl.—Con.						
Va	24.6	17.0	11.9	45.8	34.1	19.8
W. Va	24.8	22.8	11.4	38.1	30.1	21.5
N.C	22.3	19.3	12.1	53.3	36.7	20.0
S.C	23.9	18.2	10.8	48.6	31.3	22.9
Ga	24.6	17.2	10.8	48.3	33.2	21.0
Fla	23.6	17.8	11.8	46.2	33.7	22.8
E. So. Cent	**25.6**	**18.7**	**11.8**	**48.5**	**35.6**	**21.8**
Ky	26.0	18.8	12.0	49.0	28.6	22.0
Tenn	25.3	18.8	11.9	43.7	30.7	19.3
Ala	24.9	18.6	11.6	45.1	36.4	21.6
Miss	26.6	18.7	11.1	54.3	39.6	23.7
W. So. Cent	**24.9**	**19.6**	**11.1**	**44.8**	**32.4**	**19.8**
Ark	22.5	18.3	10.3	38.9	31.3	20.0
La	22.6	19.8	10.5	46.9	32.3	20.6
Okla	22.7	20.3	12.1	48.2	34.5	21.8
Tex	26.3	19.6	11.2	44.3	32.5	18.8
Mt	**25.7**	**18.1**	**10.7**	**42.5**	**30.2**	**19.5**
Mont	24.2	21.2	11.8	[1] 39.5	[1] 20.8	-
Idaho	22.7	17.3	10.7	[1] 19.2	-	-
Wyo	27.5	19.6	9.3	[1] 52.6	[1] 76.9	[1] 25.9
Colo	26.9	19.7	9.8	42.6	24.5	19.1
N. Mex	30.9	19.5	11.3	39.4	42.3	[1] 23.1
Ariz	26.6	16.0	11.8	45.8	25.0	18.4
Utah	18.8	14.9	10.5	[1] 58.8	[1] 10.3	[1] 27.3
Nev	29.6	22.2	10.0	34.1	45.2	20.6
Pac	**22.6**	**16.7**	**10.9**	**35.6**	**27.4**	**17.8**
Wash	22.7	18.1	11.5	33.4	33.8	[1] 16.4
Oreg	23.0	16.0	12.2	36.3	[1] 20.1	15.9
Calif	22.5	16.5	10.6	35.7	27.1	18.0
Alaska	27.9	20.3	9.4	[1] 29.6	[1] 48.5	[1] 19.5
Hawaii	21.5	17.8	11.6	[1] 35.7	[1] 17.5	[1] 11.8

- Represents zero. [1] Based on a frequency of less than 20 deaths.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and unpublished data.

No. 109. Death Rates, 1960 to 1980, and Deaths, 1970 to 1980, From Selected Causes

[Beginning 1970, excludes deaths of nonresidents of the U.S. For explanation of age-adjustment, see text, p. 61. The standard population for this table is the total population of the United States enumerated in 1940. Beginning 1979, deaths classified according to ninth revision of *International Classification of Diseases;* for earlier years, classified according to revision in use at that time. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series B149–166]

CAUSE OF DEATH	CRUDE DEATH RATE PER 100,000 POPULATION [1]					AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION [1]			DEATHS (1,000)		
	1960	1970	1975	1979	1980	1970	1975	1980	1970	1975	1980
All causes	**954.7**	**945.3**	**878.5**	**852.2**	**878.3**	**714.3**	**630.4**	**585.8**	**1,921.0**	**1,892.9**	**1,989.8**
Major cardiovascular diseases	515.1	496.0	450.7	426.7	436.4	340.1	287.7	256.0	1,008.0	971.0	988.5
Diseases of heart	369.0	362.0	332.4	326.5	336.0	253.6	217.8	202.0	735.5	716.2	761.1
Percent of total	38.7	38.3	37.8	38.3	38.3	35.5	34.5	34.5	38.3	37.8	38.2
Rheumatic fever and rheumatic heart disease	10.3	7.3	6.0	3.5	3.5	6.3	4.8	2.6	14.9	12.9	7.8
Hypertensive heart disease [2]	37.0	7.4	5.1	11.0	10.9	4.9	3.2	6.8	15.0	11.0	24.8
Ischemic heart disease	296.9	328.1	298.3	245.5	249.7	228.1	193.7	149.8	666.7	642.7	565.8
Other diseases of endocardium	24.9	3.3	2.0	2.9	3.2	2.3	1.3	2.0	6.7	4.4	7.2
All other forms of heart disease		15.9	20.9	63.7	68.7	12.0	14.8	40.8	32.3	45.1	155.5
Hypertension [2]	7.1	4.1	2.9	3.2	3.5	2.9	1.8	2.0	8.3	6.3	7.8
Cerebrovascular diseases	108.0	101.9	90.1	75.5	75.1	66.3	53.7	40.8	207.2	194.0	170.2
Atherosclerosis	*20.0*	*15.6*	*13.4*	*12.8*	*13.0*	*8.4*	*6.5*	*5.7*	*31.7*	*28.9*	*29.4*
Other	11.0	12.5	11.9	8.7	8.8	8.8	7.9	5.5	25.3	25.6	20.0
Malignancies [3]	149.2	162.8	169.7	179.6	183.9	129.9	129.4	132.8	330.7	365.7	416.5
Percent of total	15.6	17.2	19.3	21.1	20.9	18.2	20.5	22.7	17.2	19.3	20.9
Of digestive organs and peritoneum	50.8	46.6	46.2	48.6	48.8	35.2	33.2	33.0	94.7	99.6	110.6
Of respiratory and intrathoracic organs	22.2	34.2	40.2	45.9	47.9	28.4	32.1	36.4	69.5	86.7	108.5
Of breast	13.4	14.7	15.1	15.4	15.8	12.6	12.4	12.5	29.9	32.4	35.9
Of genital organs	21.6	20.3	20.0	20.2	20.5	15.6	14.4	13.6	41.2	43.0	46.4
Accidents and adverse effects	*52.3*	*56.4*	*47.8*	*46.9*	*46.7*	*53.7*	*44.2*	*42.3*	*114.6*	*103.0*	*105.7*
Motor vehicle	21.3	26.9	21.3	23.8	23.5	27.4	21.0	22.9	54.6	45.9	53.2
Falls	10.6	8.3	6.9	5.9	5.9	5.7	4.5	3.6	16.9	14.9	13.3
Drowning	2.9	3.1	3.1	2.5	2.7	3.1	3.1	2.7	6.4	6.6	6.0
All other	17.5	18.1	16.5	14.6	14.7	17.5	15.7	13.2	36.7	35.6	33.2
Chronic obstructive pulmonary diseases and allied conditions [4]	9.9	15.2	11.8	22.2	24.7	11.6	8.5	15.9	30.9	25.5	56.1
Bronchitis, chronic and unspecified	1.8	2.9	2.2	1.6	1.6	2.1	1.5	1.0	5.8	4.7	3.7
Emphysema	5.2	11.2	8.7	6.0	6.1	8.4	6.1	4.0	22.7	18.8	13.9
Asthma	3.0	1.1	.9	1.2	1.3	1.0	.8	1.0	2.3	2.0	2.9
Other	(5)	(5)	(5)	13.4	15.7	(5)	(5)	9.9	(5)	(5)	35.6
Pneumonia and influenza	[6] 37.3	30.9	25.8	20.1	24.1	22.1	16.4	12.9	62.7	55.7	54.6
Pneumonia	[6] 32.9	29.0	23.8	19.8	22.9	20.8	15.2	12.4	59.0	51.4	51.9
Influenza	4.4	1.8	2.0	.3	1.2	1.3	1.2	.5	3.7	4.3	2.7
Diabetes mellitus	16.7	18.9	16.4	14.8	15.4	14.1	11.4	10.1	38.3	35.2	34.9
Chronic liver disease and cirrhosis	11.3	15.5	14.7	13.2	13.5	14.7	13.7	12.2	31.4	31.6	30.6
Certain conditions originating in the perinatal period	37.4	21.3	12.4	10.4	10.1	(X)	(X)	(X)	43.2	26.6	22.9
Suicide	10.6	11.6	12.6	12.1	11.9	11.8	12.5	11.4	23.5	27.1	26.9
Homicide and legal intervention	4.7	8.3	9.9	10.0	10.7	9.1	10.4	10.8	16.8	21.3	24.3
Nephritis, nephrotic syndrome, and nephrosis	7.6	4.4	3.7	7.0	7.4	3.5	2.7	4.5	8.9	8.1	16.8
Congenital anomalies	*12.2*	*8.3*	*6.1*	*6.0*	*6.2*	*(X)*	*(X)*	*(X)*	*16.8*	*13.2*	*13.9*
Septicemia	1.1	1.7	2.6	3.6	4.2	1.4	2.0	2.6	3.5	5.6	9.4
Ulcer of stomach and duodenum	6.3	4.2	3.1	2.6	2.7	3.2	2.2	1.7	8.6	6.7	6.1
Benign neoplasms [7]	2.7	2.4	2.3	2.6	2.7	2.0	1.8	2.0	4.8	4.9	6.2
Hernia of abdominal cavity and intestinal obstruction [8]	5.1	3.6	2.9	2.4	2.4	2.6	1.9	1.4	7.2	6.2	5.4
Other infective and parasitic diseases	4.3	3.4	3.0	2.0	2.2	2.8	2.5	1.8	6.9	6.4	5.1
Anemias	1.9	1.7	1.5	1.4	1.4	1.3	1.1	.9	3.4	3.2	3.2
Cholelithiasis and other disorders of gallbladder	2.6	2.0	1.4	1.4	1.5	1.3	.9	.8	4.0	3.0	3.3
Infections of kidney	4.3	4.0	2.1	1.3	1.2	2.8	1.3	.7	8.2	4.5	2.7
Nutritional deficiencies	(5)	1.2	1.2	1.0	1.0	.8	.7	.5	2.5	2.6	2.4
Tuberculosis	*6.1*	*2.6*	*1.5*	*.9*	*.9*	*2.2*	*1.2*	*.6*	*5.2*	*3.3*	*2.0*
Meningitis	1.3	.8	.8	.6	.6	.8	.7	.6	1.7	1.6	1.4
Hyperplasia of prostate	2.5	1.1	.6	.4	.3	.6	.3	.2	2.2	1.2	.8
Acute bronchitis and bronchiolitis	.7	.6	3	.2	.3	.5	.3	.2	1.3	.7	.6
Viral hepatitis	.5	.5	.3	.3	.4	.5	.3	.3	1.0	.6	.8
Symptoms, signs, and ill-defined conditions	11.4	12.7	14.7	12.3	12.7	10.4	12.1	9.8	25.8	31.8	28.8
All other causes	39.7	53.5	58.6	50.0	53.0	44.0	44.9	36.8	108.8	126.3	120.0

X Not applicable.

[1] Based on resident population enumerated as of Apr. 1 for 1960, 1970, and 1980 and estimated as of July 1 for other years. [2] With or without renal disease. [3] Includes other types of malignancies not shown separately. [4] Prior to 1979, data are shown for bronchitis, emphysema, and asthma. [5] Included in "all other causes." Comparable data not available separately. [6] Excludes pneumonia of newborn. [7] Includes neoplasms of unspecified nature; for 1979 and 1980 also includes carcinoma in situ. [8] Without mention of hernia.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

No. 110. Death Rates by Sex, Age, and Selected Causes: 1980

[**Deaths per 100,000 resident population** enumerated as of April 1. Causes of death classified according to ninth revision of the *International Classification of Diseases*]

CAUSE OF DEATH	Total [1]	MALE					FEMALE				
		Total [1]	15-24 years	25-44 years	45-64 years	65 yrs. and over	Total [1]	15-24 years	25-44 years	45-64 years	65 yrs. and over
All causes [2]	878.3	976.9	172.3	238.0	1,270.0	6,387.9	785.3	57.5	110.2	670.9	4,484.1
Diseases of heart	336.0	368.6	3.7	34.6	505.3	2,778.6	305.1	2.1	11.9	177.3	2,027.5
Malignant neoplasms	183.9	205.3	7.8	25.8	348.0	1,371.6	163.6	4.8	30.1	265.8	767.8
Cerebrovascular diseases	75.1	63.6	1.1	5.1	50.0	557.0	86.1	.8	5.0	39.9	584.0
Accidents and adverse effects	46.7	67.4	96.7	68.6	61.9	124.4	27.1	26.0	17.3	21.6	78.9
Chronic obstructive pulmonary diseases [3]	24.7	35.1	.4	1.0	35.0	297.9	15.0	.3	.9	17.6	84.5
Pneumonia and influenza	24.1	25.1	.8	2.9	17.8	212.5	23.2	.8	1.8	8.7	154.9
Diabetes mellitus	15.4	13.0	.3	2.7	18.2	92.8	17.6	.3	2.0	17.7	102.7
Chronic liver disease and cirrhosis	13.5	18.0	.3	10.3	50.5	56.0	9.3	.3	5.0	23.2	24.6
Atherosclerosis	13.0	10.5	–	.1	4.0	104.0	15.3	–	.1	2.0	113.9
Suicide	11.9	18.6	20.2	24.0	23.7	35.0	5.5	4.3	7.7	8.9	6.1
Certain conditions originating in the perinatal period	10.1	11.9	(X)	(X)	(X)	(X)	8.4	(X)	(X)	(X)	(X)
Homicide and legal intervention	10.7	17.3	24.5	29.4	15.4	8.9	4.5	6.6	6.4	3.4	3.3
Nephritis, nephrotic syndrome and nephrosis	7.4	7.8	.2	1.2	7.1	33.6	7.0	(Z)	.7	5.5	42.1

– Represents zero. X Not applicable. Z Less than .05.
[1] Includes persons under 15 years old, not shown separately.
[2] Includes other causes, not shown separately.
[3] Includes allied conditions.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and unpublished data.

No. 111. Age-Adjusted Death Rates, by Race, Sex, and Cause: 1960 to 1980

[**Deaths per 100,000 resident population** enumerated as of April 1. Beginning 1970, excludes nonresidents of U.S. For explanation of age-adjustment, see text, p. 61. Deaths for 1980 classified according to ninth revision of *International Classification of Diseases;* for earlier years, classified according to revision in use at that time]

SEX AND CAUSE OF DEATH	TOTAL [1]			WHITE			BLACK		
	1960	1970	1980	1960	1970	1980	1960	1970	1980
Both sexes, total [2]	760.9	714.3	585.8	727.0	679.6	559.4	1,073.3	1,044.0	842.5
Diseases of heart	286.2	253.6	202.0	281.5	249.1	197.6	334.5	307.6	255.7
Cerebrovascular diseases	79.7	66.3	40.8	74.2	61.8	38.0	140.2	114.5	68.5
Malignant neoplasms [3]	125.8	129.9	132.8	124.2	127.8	129.6	142.3	156.7	172.1
Respiratory system	19.2	28.4	36.4	19.1	28.0	35.6	20.3	33.5	46.5
Digestive system	41.1	35.2	33.0	40.3	34.2	31.6	48.3	45.3	46.9
Accidents and adverse effects	49.9	53.7	42.3	47.6	51.0	41.5	66.4	74.4	51.2
Pneumonia and influenza	28.0	22.1	12.9	24.6	19.8	12.2	56.4	40.4	19.2
Diabetes mellitus	13.6	14.1	10.1	12.8	12.9	9.1	22.0	26.5	20.3
Chronic liver disease and cirrhosis	10.5	14.7	12.2	10.3	13.4	11.0	11.7	24.8	21.6
Male, total [2]	949.3	931.6	777.2	917.7	893.4	745.3	1,246.1	1,318.6	1,112.8
Diseases of heart	375.5	348.5	280.4	375.4	347.6	277.5	381.2	375.9	327.3
Cerebrovascular diseases	85.4	73.2	44.9	80.3	68.8	41.9	141.2	122.5	77.5
Malignant neoplasms [3]	143.0	157.4	165.5	141.6	154.3	160.5	158.5	198.0	229.9
Respiratory system	34.8	50.6	59.7	34.6	49.9	58.0	36.6	60.8	82.0
Digestive system	48.7	43.3	41.7	47.5	41.9	39.8	60.4	58.9	62.1
Accidents and adverse effects	73.9	80.7	64.0	70.6	76.2	62.3	100.0	119.5	82.0
Pneumonia and influenza	35.0	28.8	17.4	31.0	26.0	16.2	70.2	53.8	28.0
Diabetes mellitus	12.0	13.5	10.2	11.6	12.7	9.5	16.2	21.2	17.7
Chronic liver disease and cirrhosis	14.5	20.2	17.1	14.4	18.8	15.7	14.8	33.1	30.6
Female, total [2]	590.6	532.5	432.6	555.0	501.7	411.1	916.9	814.4	631.1
Diseases of heart	205.7	175.2	140.3	197.1	167.8	134.6	292.6	251.7	201.1
Cerebrovascular diseases	74.7	60.8	37.6	68.7	56.2	35.2	139.5	107.9	61.7
Malignant neoplasms [3]	111.2	108.8	109.2	109.5	107.6	107.7	127.8	123.5	129.7
Respiratory system	5.2	10.1	18.3	5.1	10.1	18.2	5.5	10.9	19.5
Digestive system	34.3	28.7	26.3	33.9	28.1	25.4	37.5	34.1	35.4
Breast	22.3	23.1	22.7	22.4	23.4	22.8	21.3	21.5	23.3
Accidents and adverse effects	26.8	28.2	21.8	25.4	27.2	21.4	35.9	35.3	25.1
Pneumonia and influenza	21.8	16.7	9.8	19.0	15.0	9.4	43.9	29.2	12.7

[1] Includes other races, not shown separately.
[2] Includes other causes of death, not shown separately.
[3] Includes other types of malignancies, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and unpublished data.

No. 112. Death Rates, by Cause—States: 1980

Deaths per 100,000 population enumerated as of April 1, 1980. By place of residence. Excludes nonresidents of U.S. Causes of death classified according to ninth revision of the *International Classification of Diseases*]

Region, division, and state	Diseases of heart	Malignant neoplasms	Cerebrovascular diseases	Accidents and adverse effects	Chronic obstructive pulmonary diseases [1]	Pneumonia, flu	Diabetes mellitus	Chronic liver disease and cirrhosis	Atherosclerosis	Suicide	Conditions originating in the perinatal period
U.S	**336.0**	**183.9**	**75.1**	**46.7**	**24.7**	**24.1**	**15.4**	**13.5**	**13.0**	**11.9**	**10.1**
Regions:											
Northeast	406.5	213.8	73.2	36.4	25.3	29.5	18.8	16.4	13.3	9.6	8.8
North Central	*351.7*	*184.8*	*77.8*	*43.3*	*24.2*	*24.6*	*15.9*	*11.6*	*15.3*	*11.0*	*10.1*
South	319.3	178.1	80.7	53.9	23.6	20.8	15.1	11.9	11.8	12.4	11.5
West	263.4	158.3	64.1	50.4	26.8	23.1	11.3	15.6	11.6	14.8	9.1
New England	**363.0**	**211.1**	**73.9**	**38.6**	**26.8**	**32.6**	**16.2**	**13.6**	**17.4**	**9.5**	**7.1**
Maine	367.5	215.0	84.6	44.7	35.7	28.4	14.1	12.8	20.4	12.5	6.1
New Hampshire	313.3	190.9	68.1	34.4	27.6	26.9	12.7	13.1	18.5	11.0	7.9
Vermont	343.1	191.4	67.5	50.1	33.2	30.5	15.6	10.6	13.9	14.7	5.5
Massachusetts	382.3	214.0	75.8	38.2	26.3	38.7	17.9	14.1	13.5	8.2	7.0
Rhode Island	404.5	223.9	77.1	35.3	28.5	21.9	21.5	15.8	14.6	11.2	7.4
Connecticut	330.8	209.7	68.2	37.6	22.7	28.1	13.3	12.9	24.9	8.9	7.7
Middle Atlantic	**421.1**	**214.7**	**72.9**	**35.7**	**24.8**	**28.5**	**19.7**	**17.3**	**12.0**	**9.6**	**9.3**
New York	426.3	212.5	69.1	34.0	23.4	33.9	18.2	20.3	10.3	9.5	9.0
New Jersey	396.8	211.3	69.8	34.4	23.5	22.4	19.8	15.8	10.3	7.4	8.5
Pennsylvania	428.4	220.1	80.6	39.0	27.5	24.2	21.9	13.7	15.5	11.1	10.2
E. No. Central	**350.6**	**184.5**	**74.2**	**39.9**	**23.4**	**22.1**	**16.7**	**12.7**	**14.4**	**10.9**	**10.7**
Ohio	360.3	195.2	76.1	39.1	26.1	23.3	18.5	12.0	14.2	11.9	10.2
Indiana	327.1	181.5	83.0	42.5	24.0	21.7	18.5	10.4	20.0	10.4	9.3
Illinois	374.6	187.0	72.2	40.0	22.2	22.8	15.6	14.1	11.9	9.3	12.7
Michigan	322.4	171.5	66.7	39.2	22.3	19.5	15.9	14.7	13.6	11.5	11.3
Wisconsin	353.4	183.3	79.1	40.0	21.6	23.0	14.9	9.9	15.7	11.7	7.4
W. No. Central	**354.2**	**185.7**	**86.4**	**51.4**	**26.1**	**30.6**	**13.9**	**9.0**	**17.4**	**11.2**	**8.8**
Minnesota	309.0	169.9	78.9	45.2	21.1	29.1	12.8	8.2	15.6	10.8	7.4
Iowa	369.0	191.5	92.4	46.1	29.1	33.0	14.9	8.0	20.6	11.0	9.8
Missouri	382.5	202.2	88.1	55.5	27.5	30.0	14.1	9.9	15.8	11.9	9.5
North Dakota	339.0	161.0	80.0	53.2	22.7	30.2	13.5	12.3	16.5	11.0	9.8
South Dakota	373.8	178.9	89.3	62.2	25.6	32.0	12.7	11.3	15.6	12.7	8.0
Nebraska	350.0	188.5	92.6	50.8	27.5	29.6	13.2	8.1	20.1	10.1	9.2
Kansas	356.1	178.1	85.1	56.7	28.3	32.0	15.4	8.8	19.1	10.9	8.5
South Atlantic	**330.9**	**189.2**	**79.4**	**51.1**	**24.6**	**21.4**	**15.5**	**14.0**	**11.1**	**12.7**	**11.4**
Delaware	342.7	187.9	48.5	43.7	24.2	15.6	24.6	15.1	10.8	11.9	13.5
Maryland	308.6	185.4	53.2	39.0	19.8	17.5	16.5	11.7	10.0	10.8	11.4
District of Columbia	351.5	251.6	79.4	36.8	21.1	37.4	21.0	38.1	22.7	9.9	24.0
Virginia	294.4	170.8	70.3	45.9	21.1	21.5	12.9	11.4	10.8	13.4	11.1
West Virginia	405.3	188.3	82.8	56.8	32.1	23.9	18.4	14.7	11.9	12.5	8.6
North Carolina	299.0	164.8	80.9	53.7	20.8	21.4	14.7	12.2	9.7	11.2	10.6
South Carolina	289.8	156.7	79.9	54.8	18.2	18.0	15.3	9.7	8.3	9.5	14.4
Georgia	289.4	152.4	82.5	57.0	20.9	21.9	13.8	11.8	8.1	12.6	12.5
Florida	399.2	243.0	94.2	53.3	33.9	22.7	16.6	18.5	14.1	15.4	10.1
E. So. Central	**330.2**	**180.1**	**90.2**	**56.7**	**25.0**	**22.4**	**15.3**	**9.1**	**11.9**	**11.6**	**11.3**
Kentucky	364.6	182.8	85.5	51.2	29.3	27.2	17.5	9.2	13.0	12.8	9.7
Tennessee	325.8	180.4	93.6	52.8	26.6	22.6	11.5	9.8	12.3	12.2	10.0
Alabama	305.3	180.5	88.8	59.1	22.2	19.6	17.0	9.1	10.5	11.2	11.6
Mississippi	326.7	174.8	93.0	68.3	19.9	19.6	16.3	7.8	11.7	9.2	15.7
W. So. Central	**294.5**	**159.7**	**76.7**	**56.4**	**21.2**	**18.9**	**14.2**	**10.3**	**13.0**	**12.3**	**11.7**
Arkansas	370.4	195.6	104.4	57.3	24.3	21.4	15.3	7.8	16.4	11.6	9.0
Louisiana	308.8	164.5	78.3	60.0	18.0	15.0	17.9	11.3	15.9	12.1	14.6
Oklahoma	354.0	181.5	90.7	61.9	26.6	26.0	13.7	10.4	12.9	13.1	10.2
Texas	265.4	147.9	68.9	54.1	20.5	18.1	13.1	10.4	11.6	12.3	11.6
Mountain	**232.9**	**136.4**	**50.8**	**58.3**	**29.8**	**21.7**	**11.6**	**11.9**	**9.9**	**16.2**	**10.0**
Montana	296.8	163.7	70.8	73.0	32.4	24.5	12.8	12.8	17.0	14.5	10.9
Idaho	250.5	136.6	61.0	63.0	24.7	21.8	12.1	7.5	10.4	13.1	9.7
Wyoming	235.5	120.1	53.9	74.5	27.0	20.2	8.3	10.4	10.2	16.0	9.6
Colorado	222.2	125.7	48.0	48.2	29.6	22.6	9.6	9.9	11.6	16.3	8.0
New Mexico	177.5	130.2	44.6	70.8	28.8	20.5	15.2	13.4	8.4	17.4	10.4
Arizona	262.8	163.7	52.0	58.2	39.1	25.0	13.1	14.4	8.9	16.9	11.3
Utah	196.4	93.6	44.0	45.0	16.7	17.1	11.1	6.8	6.7	13.2	12.9
Nevada	241.9	152.7	45.2	69.8	29.6	15.6	9.9	22.6	8.4	22.9	7.1
Pacific	**274.3**	**166.2**	**68.9**	**47.5**	**25.7**	**23.6**	**11.2**	**16.9**	**12.2**	**14.3**	**8.8**
Washington	273.0	166.1	68.7	50.3	28.4	24.0	12.3	11.7	15.6	13.3	8.7
Oregon	292.4	172.3	76.2	51.0	30.5	27.4	11.2	13.0	18.0	14.6	7.8
California	280.3	169.1	70.2	46.2	25.5	23.7	11.0	18.7	11.4	14.5	8.9
Alaska	91.3	70.2	16.7	99.8	9.7	9.2	2.7	9.0	4.0	16.9	10.9
Hawaii	159.6	118.4	39.8	36.7	13.3	15.1	13.2	8.6	2.6	11.4	9.7

[1] Includes allied conditions.

Source: U.S. National Center for Health Statistics, unpublished data.

No. 113. Death Rates From Heart Disease, by Sex, Age, and Selected Type: 1950 to 1980

[**Deaths per 100,000 population in specified age groups.** Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years classified according to the revision in use at the time; see text, p. 61. Beginning 1970, excludes deaths of nonresidents of the United States. See Appendix III]

Age at death and selected type of heart disease	Male					Female				
	1950	1960	1970	1975	1980	1950	1960	1970	1975	1980
Total U.S. rate [1]	**424.7**	**439.5**	**422.5**	**380.9**	**368.6**	**269.7**	**300.6**	**304.5**	**286.4**	**305.1**
25–44 years	70.2	67.6	57.3	41.8	34.6	36.2	25.2	19.5	13.8	11.9
45–54 years	441.2	420.4	376.4	327.8	282.6	177.8	127.5	109.9	91.1	84.5
55–64 years	1,100.5	1,066.9	987.2	853.5	746.8	507.0	429.4	351.6	294.4	272.1
65 years and over	3,269.3	3,314.7	3,258.0	2,904.9	2,778.6	2,496.3	2,415.6	2,268.2	2,005.9	2,027.5
Persons 45–54 years:										
Ischemic heart	316.6	347.1	338.0	293.3	217.3	76.0	72.4	84.0	70.7	52.2
Rheumatic heart	24.3	19.9	11.4	7.3	3.1	23.8	19.5	10.6	6.1	4.3
Hypertensive heart	48.0	23.9	4.6	2.9	8.3	48.7	21.5	4.0	2.1	5.4
Persons 55–64 years:										
Ischemic heart	762.9	885.2	904.6	773.0	581.1	275.0	295.6	299.1	248.2	189.0
Rheumatic heart	35.0	29.0	21.5	16.1	6.2	30.5	28.4	20.8	15.0	9.2
Hypertensive heart	128.2	71.2	11.7	8.1	21.8	119.0	63.9	9.1	5.9	13.3
Persons 65 years and over:										
Ischemic heart	2,041.1	2,586.4	3,022.5	2,658.6	2,140.5	1,334.0	1,691.2	2,071.5	1,813.5	1,477.9
Rheumatic heart	58.3	32.9	32.9	30.2	13.7	52.6	34.8	32.3	31.3	21.5
Hypertensive heart	442.4	268.5	54.9	35.9	66.2	487.9	321.2	60.0	40.5	78.8

[1] Includes persons under 25 years old, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 114. Death Rates From Cancer, by Sex, Age, and Selected Type: 1940 to 1980

[**Deaths per 100,000 population in the specified age groups.** See headnote, table 113]

Age at death and selected type of cancer	Male						Female					
	1940	1950	1960	1970	1975	1980	1940	1950	1960	1970	1975	1980
Total U.S. rate [1]	**114.1**	**142.9**	**162.5**	**182.1**	**190.2**	**205.3**	**126.4**	**136.8**	**136.4**	**144.4**	**150.3**	**163.6**
25–44 years	24.6	31.0	34.2	33.9	28.4	25.8	50.3	49.1	45.8	40.3	33.1	30.1
45–54 years	135.3	156.2	170.8	183.5	188.1	188.7	204.1	194.0	183.0	181.5	176.2	171.8
55–64 years	352.2	413.1	459.9	511.8	508.3	520.8	384.1	368.2	337.7	343.2	351.0	361.7
65 years and over	896.2	968.9	1,066.2	1,221.2	1,288.6	1,371.6	792.3	755.7	709.1	708.3	714.2	767.8
Persons, 45–54 years old:												
Respiratory, intrathoracic	23.3	39.3	54.7	72.1	78.5	79.8	6.2	6.7	10.1	22.2	28.0	34.8
Digestive organs, peritoneum	70.7	59.9	53.2	45.9	45.0	44.3	58.6	47.0	38.9	32.5	29.6	27.8
Breast	.3	.4	.2	.4	.2	.2	47.5	46.9	51.4	52.6	50.2	48.1
Genital organs	5.6	4.8	4.0	3.4	3.3	3.4	69.2	59.0	44.8	34.4	29.8	24.1
Lymphatic and hematopoietic tissues, excl. leukemia	(NA)	9.7	11.6	12.8	11.1	10.2	(NA)	5.7	7.1	8.3	7.4	6.6
Urinary organs	9.1	8.7	8.3	8.0	8.1	7.4	4.5	3.8	3.5	3.5	3.3	3.3
Lip, oral cavity, and pharynx	6.0	6.3	7.9	7.9	8.2	8.2	1.6	1.8	2.8	2.8	3.0	2.6
Leukemia	[2] 5.6	6.5	7.2	6.6	5.9	6.4	[2] 4.6	5.1	5.3	4.9	4.4	4.4
Persons, 55–64 years old:												
Respiratory, intrathoracic	45.7	94.2	150.2	202.3	212.5	223.8	12.6	15.4	17.0	38.9	57.2	74.5
Digestive organs, peritoneum	195.3	174.8	153.7	139.0	128.5	129.3	149.1	125.1	102.2	86.0	81.9	79.1
Breast	.8	.8	1.0	.6	.8	.7	74.9	69.9	70.8	77.6	77.7	80.5
Genital organs	30.7	26.2	23.5	22.8	23.1	23.5	100.9	87.4	73.0	58.2	52.0	46.8
Lymphatic and hematopoietic tissues, excl. leukemia	(NA)	18.2	23.1	27.1	26.5	24.4	(NA)	11.5	15.7	17.7	17.1	15.8
Urinary organs	23.7	26.9	25.9	26.4	24.6	22.9	11.8	11.2	9.3	9.4	8.8	8.9
Lip, oral cavity, and pharynx	16.1	16.2	16.3	20.1	18.7	17.9	3.0	3.3	3.8	6.2	6.6	6.0
Leukemia	[2] 10.6	14.1	16.1	15.4	14.8	14.7	[2] 7.5	10.1	10.6	9.0	8.5	9.3
Persons, 65 years and over:												
Respiratory, intrathoracic	50.7	112.5	208.4	336.5	390.4	444.6	17.7	30.9	30.4	49.9	67.9	102.5
Digestive organs, peritoneum	479.8	449.4	412.0	374.0	366.1	371.1	403.6	346.7	301.0	262.0	248.1	256.1
Breast	2.1	2.2	1.4	1.9	1.8	1.4	122.8	112.7	107.9	109.7	111.8	116.1
Genital organs	166.8	166.5	169.4	181.6	186.8	198.8	135.3	119.2	106.1	93.5	86.9	85.0
Lymphatic and hematopoietic tissues, excl. leukemia	(NA)	23.5	39.6	57.7	60.0	59.9	(NA)	16.8	26.5	39.9	42.0	44.8
Urinary organs	57.3	63.3	71.5	80.5	80.7	80.3	32.1	32.0	31.3	30.9	29.6	29.8
Lip, oral cavity, and pharynx	51.7	38.4	31.9	30.9	30.0	28.1	12.3	9.2	8.6	9.1	9.4	10.2
Leukemia	[2] 15.5	30.4	41.6	47.9	49.4	50.8	[2] 10.5	18.2	25.6	28.4	27.0	29.3

NA Not available. [1] Includes persons under 25 years of age and malignant neoplasms of other and unspecified sites, not shown separately. [2] Not classified as cancer in the fifth revision; therefore, not included in totals for cancer.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 115. Death Rates From Accidents and Violence: 1960 to 1980

[**Deaths per 100,000 population.** Beginning 1970, excludes deaths of nonresidents of the U.S. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years classified according to the revision in use at the time; see text, p. 61 and Appendix III]

Sex, cause of death, and age	White					Black				
	1960	1970	1975	1979	1980	1960	1970	1975	1979	1980
Male, total [1]	**91.3**	**101.9**	**95.8**	**96.7**	**97.1**	**137.1**	**183.2**	**163.2**	**151.6**	**154.0**
Motor vehicle accidents	31.5	39.1	31.8	36.6	35.9	33.2	44.3	32.4	31.6	31.1
All other accidents	38.6	38.2	35.1	30.6	30.4	60.8	63.3	51.8	44.7	46.0
Suicide	17.6	18.0	19.9	19.6	19.9	6.4	8.0	9.9	11.5	10.3
Homicide	3.6	6.8	9.0	9.9	10.9	36.7	67.6	69.0	63.8	66.6
15–24 years	105.2	130.7	127.8	138.6	138.6	144.2	234.3	179.7	153.2	162.0
25–44 years	88.5	107.1	102.3	105.4	108.4	205.6	301.1	273.5	245.6	241.9
45–64 years	118.6	121.4	103.7	92.8	91.6	188.4	249.7	217.6	195.7	198.8
65 years and over	223.5	216.9	183.3	166.2	163.9	190.1	220.0	200.4	201.3	215.8
Female, total [1]	**38.3**	**42.4**	**37.5**	**36.5**	**36.3**	**50.8**	**51.7**	**45.3**	**41.8**	**42.6**
Motor vehicle accidents	11.2	14.8	11.3	12.8	12.8	9.7	13.4	9.1	8.7	8.3
All other accidents	20.4	18.3	16.5	14.3	14.4	29.1	22.5	18.6	16.6	18.6
Suicide	5.3	7.1	7.3	6.5	5.9	1.6	2.6	2.7	2.8	2.2
Homicide	1.4	2.1	2.9	3.0	3.2	10.4	13.3	14.9	13.5	13.5
15–24 years	23.5	34.9	32.8	37.4	37.3	31.6	45.5	42.0	37.5	35.0
25–44 years	24.0	33.6	30.9	29.5	29.1	51.7	60.5	54.5	45.9	46.9
45–64 years	37.7	44.6	37.9	34.2	32.8	54.5	55.9	51.1	43.7	43.4
65 years and over	149.1	122.4	99.3	86.2	87.2	113.9	107.9	83.2	84.3	102.9

[1] Includes persons under 15 years old, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 116. Deaths and Death Rates From Accidents, by Type: 1960 to 1980

[Beginning 1970, excludes deaths of nonresidents of the U.S. See headnote, table 115 and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 163–165]

Type of accident	Deaths					Rate [1]				
	1960	1965	1970	1975	1980	1960	1965	1970	1975	1980
Accidents and adverse effects	**93,806**	**108,004**	**114,638**	**103,030**	**105,718**	**52.3**	**55.7**	**56.4**	**47.8**	**46.7**
Motor-vehicle accidents	38,137	49,163	54,633	45,853	53,172	21.3	25.4	26.9	21.3	23.5
Traffic	37,142	48,050	53,493	44,820	51,930	20.7	24.8	26.3	20.8	22.9
Nontraffic	995	1,113	1,140	1,033	1,242	.6	.6	.6	.5	.5
Other road-vehicle accidents	243	319	257	255	232	.1	.2	.1	.1	.1
Water-transport accidents	1,478	1,493	1,651	1,570	1,429	.8	.8	.8	.7	.6
Air and space transport accidents	1,475	1,529	1,612	1,552	1,494	.8	.8	.8	.7	.7
Railway accidents	1,023	962	852	608	632	.6	.5	.4	.3	.3
Accidental falls	19,023	19,984	16,926	14,896	13,294	10.6	10.3	8.3	6.9	5.9
Fall from one level to another	6,019	5,802	4,798	4,005	3,743	3.4	3.0	2.4	1.9	1.7
Fall on the same level	3,689	5,738	828	532	415	2.1	3.0	.4	.2	.2
Fracture, cause unspecified, and other and unspecified falls	9,315	8,444	11,300	10,359	9,136	5.2	4.4	5.6	4.8	4.0
Accidental drowning	5,232	5,485	6,391	6,640	6,043	2.9	2.8	3.1	3.1	2.7
Accidents caused by—										
Fires and flames	7,645	7,347	6,718	6,071	5,822	4.3	3.8	3.3	2.8	2.6
Firearms	2,334	2,344	2,406	2,380	1,955	1.3	1.2	1.2	1.1	.9
Electric current	989	1,071	1,140	1,224	1,095	.6	.6	.6	.6	.5
Explosive material	(2)	(2)	530	389	339	(2)	(2)	.3	.2	.1
Hot substances, corrosive liquids [3]	402	420	275	209	196	.2	.2	.1	.1	.1
Accidental poisoning by—										
Drugs and medicines	(NA)	(NA)	2,505	3,132	2,492	(NA)	(NA)	1.2	1.5	1.1
Other solid and liquid substances	*1,679*	*2,110*	*1,174*	*1,562*	*587*	*.9*	*1.1*	*.6*	*.7*	*.3*
Gases and vapors	1,253	1,526	1,620	1,577	1,242	.7	.8	.8	.7	.5
Complications due to medical procedures	1,115	1,494	3,581	3,184	2,437	.6	.8	1.8	1.5	1.1
Inhalation and ingestion of objects	2,397	1,836	2,753	3,106	3,249	1.3	.9	1.4	1.4	1.4
All other accidents	9,381	10,921	9,614	8,822	9,998	5.2	5.6	4.7	4.1	4.4

NA Not available. [1] For 1960, 1970, and 1980 per 100,000 resident population as of Apr. 1; other years, per 100,000 population estimated as of July 1. [2] Not available separately because of change in classification; included in "All other accidents." [3] Includes accidents caused by radiation.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 117. Catastrophic Accidents and Deaths, by Type of Accident: 1951 to 1982

[Catastrophic accidents defined as those in which five or more persons were killed. Covers accidents occurring within U.S. only. Excludes military aviation accidents. In some instances data may be incomplete]

Type of accident	Accidents					Deaths				
	1951–1960	1961–1970	1971–1980	1981	1982, prel.	1951–1960	1961–1970	1971–1980	1981	1982, prel.
All types	**1,483**	**1,340**	**924**	**66**	**56**	**13,790**	**12,530**	**10,090**	**672**	**659**
Motor vehicle	666	561	220	9	8	4,037	3,553	1,465	60	62
Percent of total	44.9	41.9	23.8	13.6	14.3	29.3	28.4	14.5	8.9	9.4
Bus	32	31	17	2	1	264	313	192	21	20
Collision with railroad train	5	5	4	-	-	35	90	28	-	-
Motor vehicle other than bus	634	530	203	7	7	3,773	3,240	1,273	39	42
Collision with railroad train	94	55	17	1	1	574	346	110	5	7
Air transportation	112	176	178	12	10	2,133	2,868	2,456	89	77
Water transportation	82	45	31	2	2	719	416	437	38	58
Railroad [1]	24	6	6	-	-	369	52	85	-	-
Fire and explosion	420	420	336	15	21	3,099	3,090	2,680	129	245
Percent of total	28.3	31.3	36.4	22.7	37.5	22.5	24.7	26.6	19.2	37.2
Dwellings, apartments	312	322	223	10	14	1,917	1,969	1,341	63	104
Hotels, boarding houses, rooming houses	24	25	33	2	3	175	243	386	25	113
Institutions [2]	17	12	19	1	-	254	200	199	31	-
Places of amusement	2	3	4	-	-	26	99	202	-	-
Other	65	58	57	2	4	727	579	552	10	28
Tornadoes, floods, hurricanes, etc	98	80	103	18	12	2,682	2,027	2,336	166	202
Mines and quarries	22	15	9	3	1	339	298	161	36	5
All other	59	37	41	7	2	412	226	470	154	10

- Represents zero. [1] Collisions of railroad trains with motor vehicles are classified as motor vehicle accidents.
[2] Homes for aged and convalescent, hospitals, etc.

Source: Metropolitan Life Foundation, New York, N.Y., *Statistical Bulletin*, April-June 1982; and unpublished data.

No. 118. Suicide Rates, by Sex, Race, and Age Group: 1970 to 1980

[**Rates per 100,000 population** in specified group. Excludes deaths of nonresidents of U.S. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years classified according to the revision in use at the time; see text, p. 61]

Age	Male								Female							
	White				Black				White				Black			
	1970	1975	1979	1980	1970	1975	1979	1980	1970	1975	1979	1980	1970	1975	1979	1980
All ages [1]	**18.0**	**19.9**	**19.6**	**19.9**	**8.0**	**9.9**	**11.5**	**10.3**	**7.1**	**7.3**	**6.5**	**5.9**	**2.6**	**2.7**	**2.8**	**2.2**
5–14 years	.5	.8	.6	.7	.1	.3	.2	.3	.1	.2	.3	.2	.2	.1	.1	.1
15–24 years	13.9	19.3	20.5	21.4	10.5	12.7	14.0	12.3	4.2	4.9	4.9	4.6	3.8	3.2	3.3	2.3
25–34 years	19.9	24.0	25.4	25.6	19.2	23.4	24.9	21.8	9.0	8.8	7.8	7.5	5.7	5.4	5.4	4.1
35–44 years	23.3	24.4	22.4	23.5	12.6	16.0	16.9	15.6	13.0	12.6	10.1	9.1	3.7	4.0	4.1	4.6
45–54 years	29.5	29.7	24.0	24.2	13.8	12.4	13.8	12.0	13.5	13.8	11.6	10.2	3.7	4.0	2.9	2.8
55–64 years	35.0	31.9	26.3	25.8	10.6	10.7	12.8	11.7	12.3	11.5	9.9	9.1	2.0	3.4	3.8	2.3
65 and over	41.1	39.0	38.6	37.5	8.7	11.2	12.8	11.4	8.5	8.4	7.2	6.5	2.6	2.2	2.4	1.4

[1] Includes other age groups not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

No. 119. Suicides, by Sex and Method Used: 1960 to 1980

[Beginning 1970, excludes deaths of nonresidents of the United States. Beginning 1979 deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years classified according to the revision in use at the time; see text, p. 61. See also *Historical Statistics, Colonial Times to 1970*, series H 979-986]

Method	Male							Female						
	1960	1970	1975	1977	1978	1979	1980	1960	1970	1975	1977	1978	1979	1980
Total	**14,539**	**16,629**	**19,622**	**21,109**	**20,188**	**20,256**	**20,505**	**4,502**	**6,851**	**7,441**	**7,572**	**7,106**	**6,950**	**6,364**
Firearms [1]	7,879	9,704	12,185	13,342	12,830	12,919	12,937	1,138	2,068	2,688	2,742	2,557	2,639	2,459
Percent of total	54.2	58.4	62.1	63.2	63.6	63.8	63.1	25.3	30.2	36.1	36.2	36.0	38.0	38.6
Poisoning [2]	2,631	3,299	3,297	3,340	3,105	2,974	2,997	1,699	3,285	3,129	3,147	2,912	2,754	2,456
Hanging and strangulation [3]	2,576	2,422	2,815	2,982	2,759	2,783	2,997	790	831	846	848	753	742	694
Other [4]	1,453	1,204	1,325	1,445	1,494	1,580	1,574	875	667	778	835	884	815	755

[1] Includes explosives through 1978. [2] Includes solids, liquids, and gases. [3] Includes suffocation.
[4] Beginning 1979 includes explosives.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

No. 120. Marriages and Divorces: 1950 to 1980

[Prior to 1960, excludes Alaska and Hawaii. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series A 158-159 and B 214-220]

MARRIAGE AND DIVORCE	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979	1980
MARRIAGES											
Total (1,000) [1]	**1,667**	**1,531**	**1,523**	**1,800**	**2,159**	**2,153**	**2,155**	**2,178**	**2,282**	**2,331**	**2,390**
Rate per 1,000 population [1]	11.1	9.3	8.5	9.3	10.6	10.0	9.9	9.9	10.3	10.4	10.6
Rate per 1,000 unmarried women: [1 2]											
15-44 years old	166.4	161.1	148.0	144.3	140.2	118.5	113.4	109.8	109.1	107.9	102.6
15 years old and over	90.2	80.9	73.5	75.0	76.5	66.9	65.2	63.6	64.1	63.6	61.4
First marriage of bride [3] (1,000)	(NA)	(NA)	664	1,043	1,252	1,191	1,163	1,147	1,174	1,214	1,221
Rate per 1,000 single women: [2]											
14 years old and over	62.1	(NA)	87.5	84.4	82.9	68.1	64.8	62.7	62.1	62.1	[4] 66.0
18-19 years	(NA)	(NA)	208.4	166.9	151.4	115.0	105.1	99.6	95.6	91.7	87.3
20-24 years	(NA)	(NA)	263.9	237.3	220.1	143.8	133.4	125.6	123.0	121.9	119.8
25-44 years	(NA)	(NA)	(NA)	96.4	82.5	81.7	81.8	78.6	77.1	76.8	74.9
45-64 years	(NA)	(NA)	(NA)	9.0	8.8	9.2	9.3	8.6	7.9	7.8	7.0
65 years and over	(NA)	(NA)	(NA)	1.3	1.1	1.2	1.1	1.0	1.0	.9	.9
Median age at first marriage: [3]											
Male (years)	[5] 22.8	[5] 22.6	[5] 22.8	22.5	22.5	22.7	22.9	23.0	23.2	23.4	23.6
Female (years)	[5] 20.3	[5] 20.2	[5] 20.3	20.4	20.6	20.8	21.0	21.1	21.4	21.6	21.8
Remarriages of bride [3 6] (1,000)	(NA)	(NA)	197	305	393	510	518	532	548	582	591
Rate per 1,000 widowed and divorced: [2]											
14 years old and over	(NA)	(NA)	32.7	33.7	36.6	40.1	39.7	40.0	40.0	40.8	[4] 38.3
14-24 years	(NA)	(NA)	407.7	471.0	317.6	319.9	324.4	323.5	321.5	312.6	[7] 231.0
25-44 years	(NA)	(NA)	(NA)	139.6	142.3	144.5	133.2	129.0	126.8	127.5	117.3
45-64 years	(NA)	(NA)	22.0	24.5	24.8	23.5	23.5	22.1	21.9	21.7	19.7
65 years and over	(NA)	(NA)	(NA)	2.4	2.5	2.5	2.3	2.4	2.1	3.0	2.3
Remarriages of widows (1,000)	(NA)	(NA)	(NA)	67	75	68	64	61	59	65	59
Rate per 1,000 widows: [2]											
14 years old and over	(NA)	(NA)	(NA)	10.2	10.2	8.3	7.9	7.6	7.1	7.7	[4] 6.7
14-44 years	(NA)	(NA)	(NA)	69.6	54.1	61.7	56.0	57.3	55.3	52.6	[8] 51.0
45-64 years	(NA)	(NA)	(NA)	16.5	17.7	14.9	15.2	14.0	13.6	13.6	12.2
65 years and over	(NA)	(NA)	(NA)	2.0	2.3	2.1	2.1	2.1	1.8	2.6	2.1
Remarriages of divorced women (1,000)	(NA)	(NA)	(NA)	195	270	365	377	391	406	432	447
Rate per 1,000 divorced women: [2]											
14 years old and over	(NA)	(NA)	(NA)	127.8	123.3	117.2	111.3	107.3	105.0	104.0	[4] 91.3
14-24 years	(NA)	(NA)	(NA)	512.3	413.4	319.6	339.4	347.3	313.7	309.1	[7] 236.4
25-44 years	(NA)	(NA)	(NA)	176.3	179.6	158.6	144.0	137.3	134.4	135.2	122.8
45-64 years	(NA)	(NA)	(NA)	45.8	42.6	40.1	37.5	35.6	35.6	35.1	30.3
65 years and over	(NA)	(NA)	(NA)	9.6	6.1	9.1	6.9	6.4	6.4	7.4	5.3
Median age at remarriage: [3]											
Male (years)	(NA)	(NA)	(NA)	39.6	37.5	35.5	35.1	34.9	35.1	35.3	35.2
Female (years)	(NA)	(NA)	(NA)	35.5	33.3	32.0	31.7	31.4	31.5	31.9	32.0
DIVORCES [9]											
Total (1,000)	**385**	**377**	**393**	**479**	**708**	**1,036**	**1,083**	**1,091**	**1,130**	**1,181**	**1,189**
Rate per 1,000 population	2.6	2.3	2.2	2.5	3.5	4.8	5.0	5.0	5.1	5.3	5.2
Rate per 1,000 married women, 15 yr. old and over [2]	10.3	9.3	9.2	10.6	14.9	20.3	21.1	21.1	21.9	22.8	22.6
Median duration of marriage [10] (years)	5.8	6.4	7.1	7.2	6.7	6.5	6.5	6.6	6.6	6.8	6.8
Median age at divorce after 1st marriage: [11]											
Male (years)	(NA)	(NA)	(NA)	(NA)	30.5	30.2	30.3	30.6	30.7	31.0	31.2
Female (years)	(NA)	(NA)	(NA)	(NA)	27.9	28.1	28.2	28.4	28.4	28.7	28.9
Children involved in divorces [10] (1,000)	(NA)	347	463	630	870	1,123	1,117	1,095	1,147	1,181	1,174
Avg. number of children involved	(NA)	.92	1.18	1.32	1.22	1.08	1.03	1.00	1.01	1.00	.98

NA Not available. [1] Beginning 1978 includes nonlicensed marriages registered in California. [2] Rates for 1975-1979 are based on population estimates that were not revised in accordance with 1980 census results. [3] Number of States reporting: 1960, 33, including New York but excluding New York City; 1965, 38; 1970, 39; 1975-1978, 41; and 1979 and 1980, 42. Beginning 1965, includes D.C. [4] 15 years old and over. [5] Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 349. [6] Includes remarriages of women whose prior marital status is unknown. [7] 15-24 years old. [8] 15-44 years old. [9] Includes annulments. [10] Number of States reporting: 1950, 16; 1955, 23; 1960, 18; 1965, 22; 1970 and 1978, 28; 1975-77, 29; and 1979 and 1980, 30. [11] Number of States reporting: 1970, 27; and 1975-78, 28; and 1979 and 1980, 30. Median age computed on grouped ages.

Source: Except as noted, U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *Monthly Vital Statistics Report*; and unpublished data.

No. 121. Marriages—Number and Rate, by States: 1965 to 1980

[By place of occurrence. Data are counts of marriages performed, except as noted. For composition of regions, see fig. I, inside front cover]

Region, division, and state	Number (1,000)						Rate per 1,000 population[1]					
	1965	1970	1975	1978	1979	1980	1965	1970	1975	1978	1979	1980
U.S	**1,800.2**	**2,158.8**	**2,152.7**	**2,282.3**	**2,331.3**	**2,390.3**	**9.3**	**10.6**	**10.0**	**10.3**	**10.4**	**10.6**
Regions:												
Northeast	346.5	417.8	384.2	382.2	394.9	400.3	7.3	8.5	7.8	7.8	8.0	8.1
No. Central	470.4	545.4	549.4	562.6	568.4	569.2	8.7	9.6	9.5	9.6	9.7	9.7
South	636.0	763.1	776.7	832.8	855.6	880.2	10.6	12.2	11.2	11.4	11.5	11.7
West	[2] 347.3	432.5	442.4	504.6	512.5	540.5	[2] 10.9	12.4	11.5	12.2	12.1	12.5
N.E	**86.5**	**105.4**	**96.8**	**99.7**	**104.1**	**106.3**	**7.8**	**8.9**	**7.9**	**8.1**	**8.4**	**8.6**
Maine	8.7	11.0	11.2	11.7	11.9	12.0	8.8	11.0	10.4	10.5	10.6	10.7
N.H	9.0	10.0	8.8	9.1	9.1	9.3	13.4	13.6	10.6	10.2	9.9	10.0
Vt	3.6	4.5	4.6	4.8	5.2	5.2	9.0	10.2	9.5	9.6	10.2	10.2
Mass	37.9	47.4	42.1	42.9	45.1	46.3	7.1	8.3	7.3	7.5	7.8	8.1
R.I	6.3	7.5	6.7	7.3	7.4	7.5	7.1	7.9	7.1	7.6	7.7	7.9
Conn	21.0	24.9	23.4	24.0	25.4	26.0	7.4	8.2	7.6	7.8	8.2	8.4
M.A	**260.0**	**312.4**	**287.4**	**282.5**	**290.8**	**294.0**	**7.1**	**8.4**	**7.7**	**7.6**	**7.9**	**8.0**
N.Y	133.5	161.2	142.8	136.8	142.4	144.5	7.4	8.9	7.9	7.7	8.1	8.2
N.J	46.3	56.6	53.0	53.0	54.7	55.8	6.8	7.9	7.2	7.2	7.4	7.6
Pa	80.2	94.5	91.7	92.7	93.7	93.7	6.9	8.0	7.7	7.8	7.9	7.9
E.N.C	**339.3**	**384.8**	**387.4**	**394.2**	**396.8**	**395.5**	**8.9**	**9.6**	**9.4**	**9.5**	**9.5**	**9.5**
Ohio	79.0	90.1	101.1	103.8	99.8	99.8	7.7	8.5	9.4	9.6	9.2	9.2
Ind	49.7	55.2	56.1	58.1	59.6	57.9	10.2	10.6	10.5	10.7	10.9	10.5
Ill	101.0	115.5	111.5	105.9	108.5	109.8	9.5	10.4	9.9	9.3	9.5	9.6
Mich	81.2	89.7	82.9	88.3	89.5	86.9	9.8	10.1	9.1	9.6	9.7	9.4
Wis	28.4	34.4	35.9	38.2	39.6	41.1	6.9	7.8	7.9	8.2	8.5	8.7
W.N.C	**131.0**	**160.5**	**161.9**	**168.4**	**171.5**	**173.7**	**8.3**	**9.8**	**9.7**	**9.9**	**10.0**	**10.1**
Minn	26.5	31.3	32.3	33.5	[2] 36.8	37.6	7.4	8.2	8.2	8.4	[3] 9.1	9.2
Iowa	20.2	24.6	25.6	26.0	27.9	27.5	7.3	8.7	8.9	9.6	9.6	9.4
Mo	40.2	50.1	50.1	52.9	53.0	54.6	8.9	10.7	10.5	10.9	10.8	11.1
N. Dak	4.9	5.3	6.0	5.7	6.0	6.1	7.6	8.6	9.4	8.7	9.2	9.3
S. Dak	8.3	11.0	11.1	10.6	9.0	8.8	12.1	16.6	16.3	15.4	13.0	12.7
Nebr	12.1	15.7	13.1	13.7	14.1	14.2	8.3	10.6	8.5	8.8	9.0	9.1
Kans	18.8	22.4	23.8	24.0	24.8	24.8	8.4	10.0	10.4	10.3	10.6	10.5
S.A	**311.7**	**371.0**	**366.6**	**390.5**	**401.9**	**413.1**	**10.8**	**12.1**	**10.7**	**10.9**	**11.0**	**11.2**
Del	3.1	4.3	3.9	4.3	4.4	4.4	6.2	7.8	6.7	7.2	7.3	7.5
Md	47.3	52.2	44.8	45.0	45.9	46.3	13.4	13.3	10.8	10.7	10.9	11.0
D.C	9.2	7.3	4.9	4.6	4.9	5.2	11.4	9.6	6.9	6.9	7.4	8.1
Va	46.0	52.0	54.7	59.0	58.7	60.2	10.4	11.2	10.8	11.2	11.0	11.3
W. Va	14.2	15.9	17.0	17.3	17.7	17.4	7.8	9.1	9.3	9.0	9.1	8.9
N.C	40.7	48.3	42.3	43.9	45.1	46.7	8.2	9.5	7.6	7.6	7.8	7.9
S.C	46.3	57.9	50.2	53.0	53.5	53.9	18.2	22.3	17.3	17.4	17.3	17.3
Ga	55.5	63.9	63.2	66.2	68.5	70.6	12.6	13.9	12.5	12.9	12.7	12.9
Fla	49.4	69.2	85.4	95.3	103.2	108.3	8.5	10.2	10.0	10.4	10.9	11.1
E.S.C	**132.1**	**154.9**	**155.2**	[3] **165.6**	**169.2**	[3] **168.8**	**10.3**	**12.1**	**11.2**	[3] **11.5**	**11.6**	[3] **11.5**
Ky	[4] 28.3	36.3	32.1	[3] 33.3	34.0	[3] 32.7	[4] 8.9	11.3	9.2	[3] 9.2	9.3	[3] 8.9
Tenn	40.1	45.4	51.5	57.5	59.2	59.2	10.4	11.6	12.1	12.9	13.1	12.9
Ala	40.4	47.0	45.3	47.7	48.7	49.0	11.6	13.6	12.3	12.4	12.6	12.6
Miss	23.3	26.3	26.3	27.3	27.3	27.9	10.1	11.9	10.9	11.0	10.9	11.1
W.S.C	**192.2**	**237.2**	**254.9**	**276.5**	**284.5**	**298.2**	**10.4**	**12.3**	**11.9**	**12.2**	**12.2**	**12.6**
Ark	19.2	23.3	24.3	25.1	25.9	26.5	9.9	12.1	11.3	11.2	11.4	11.6
La	29.0	35.4	37.3	39.9	41.3	43.5	8.1	9.7	9.6	9.8	10.0	10.3
Okla	32.6	39.0	40.1	43.7	44.5	46.5	13.3	15.2	14.5	15.0	15.0	15.4
Tex	111.5	139.5	153.2	167.8	172.8	181.8	10.5	12.5	12.2	12.4	12.4	12.8
Mt	[2] **157.9**	**187.5**	**212.0**	**234.5**	**227.0**	**241.7**	[2] **20.5**	**22.6**	**21.5**	**21.8**	**20.4**	**21.3**
Mont	4.7	6.9	7.3	8.1	8.2	8.3	6.7	10.0	9.8	10.4	10.4	10.6
Idaho	15.9	10.9	12.7	13.6	13.4	13.4	22.9	15.3	15.3	14.9	14.4	14.2
Wyo	3.6	4.5	5.6	6.3	6.5	6.9	10.9	13.5	14.9	14.6	14.3	14.6
Colo	[4] 18.7	25.0	27.6	31.1	32.8	34.9	[4] 9.6	11.3	10.7	11.3	11.5	12.1
N. Mex	[2 5] 13.2	[5] 12.4	[5] 15.8	[5] 16.6	[5] 16.3	16.6	[2 5] 13.0	[5] 12.2	[5] 13.6	[5] 13.2	[5] 12.7	12.8
Ariz	12.1	[5] 18.5	26.6	27.7	29.6	30.2	7.7	[5] 10.4	11.6	11.0	11.2	11.1
Utah	8.7	11.7	14.9	16.4	16.7	17.0	8.8	11.0	12.1	12.0	11.8	11.6
Nev	[4] 81.0	97.6	101.6	114.6	103.5	114.3	[4] 186.7	199.7	163.8	159.5	135.2	142.8
Pac	**189.3**	**245.0**	**230.3**	**270.2**	**285.5**	**298.8**	**7.8**	**9.2**	**8.0**	**8.8**	**9.2**	**9.4**
Wash	[3] 31.5	41.3	41.8	45.2	47.1	47.7	[3] 10.6	12.1	11.6	11.6	11.7	11.6
Oreg	13.3	17.3	19.3	21.1	22.1	23.0	6.8	8.3	8.3	8.4	8.6	8.7
Calif.[6]	136.1	172.4	154.8	188.1	199.7	210.9	7.4	8.6	7.2	8.2	8.6	8.9
Alaska	2.4	3.4	4.7	5.1	5.0	5.4	9.0	11.2	12.8	12.7	12.4	13.3
Hawaii	6.1	10.6	9.7	10.7	11.7	11.9	8.6	13.8	10.9	11.6	12.3	12.3

[1] Based on total population residing in area; population enumerated as of Apr. 1 for 1970 and 1980, estimated as of July 1 for all other years. [2] Estimated. [3] Incomplete. [4] Marriage licenses. [5] Data represent the sum of marriages performed in some counties and marriage licenses issued in other counties. [6] Beginning 1978, includes nonlicensed marriages registered.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and *Monthly Vital Statistics Report*.

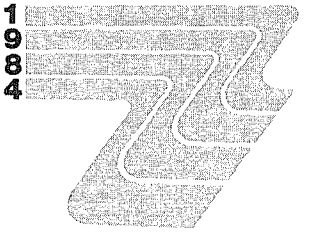
NO. 122. DIVORCES AND ANNULMENTS—NUMBER AND RATE, BY STATES: 1965 TO 1980

[By place of occurrence. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	NUMBER (1,000)						RATE PER 1,000 POPULATION [1]					
	1965	1970	1975	1978	1979	1980	1965	1970	1975	1978	1979	1980
U.S	[2] 479.0	[2] 708.0	[2] 1,036.0	1,130.0	1,181.0	1,189.0	[2] 2.5	[2] 3.5	[2] 4.8	5.1	5.3	5.2
Regions:												
Northeast	48.0	86.0	153.0	168.0	177.0	174.0	1.0	1.8	3.1	3.4	3.6	3.5
North Central	128.0	[2] 186.0	[2] 261.0	286.0	293.0	292.0	2.4	[2] 3.3	[2] 4.5	4.9	5.0	5.0
South	176.0	[2] 242.0	[2] 374.0	413.0	439.0	449.0	2.9	[2] 3.9	[2] 5.4	5.7	5.9	6.0
West	[2] 128.0	194.0	248.0	263.0	272.0	274.0	[2] 4.0	5.6	6.4	6.4	6.4	6.3
N.E	17.5	25.8	43.2	45.4	49.0	49.0	1.6	2.2	3.5	3.7	4.0	4.0
Maine	2.5	3.9	5.5	6.2	6.2	6.2	2.6	3.8	5.2	5.6	5.5	5.5
N.H	1.6	2.4	4.2	4.7	5.2	5.3	2.3	3.3	5.1	5.3	5.8	5.7
Vt	.6	1.0	1.9	2.1	2.3	2.6	1.5	2.3	4.0	4.1	4.5	5.1
Mass	7.8	11.0	16.6	16.2	17.5	17.9	1.5	1.9	2.9	2.8	3.0	3.1
R.I	1.2	1.7	2.7	3.5	3.6	3.6	1.3	1.8	2.8	3.6	3.8	3.8
Conn	3.7	5.8	12.2	12.8	14.1	13.5	1.3	1.9	4.0	4.1	4.6	4.3
M.A	30.4	59.9	110.0	122.9	127.8	124.7	.8	1.6	3.0	3.3	3.5	3.4
N.Y	8.2	26.4	55.6	58.0	64.4	62.0	.5	1.4	3.1	3.3	3.7	3.5
N.J	5.6	10.8	19.4	26.6	23.5	27.8	.8	1.5	2.6	3.6	3.2	3.8
Pa	16.6	22.6	35.0	38.3	39.8	34.9	1.4	1.9	2.9	3.2	3.4	2.9
E.N.C	[3] 94.5	[4] 129.8	[4] 186.2	211.0	214.7	212.4	[3] 2.5	(s)	(s)	5.1	5.2	5.1
Ohio	25.8	39.3	52.6	59.2	59.5	58.6	2.5	3.7	4.9	5.5	5.5	5.4
Ind	[3] 18.5	[4] 15.2	[4] 28.8	[5] 40.3	[5] 41.8	[5] 40.0	[3] 3.8	(s)	(s)	[5] 7.4	[5] 7.6	[5] 7.3
Ill	24.7	36.5	51.0	50.3	52.1	51.0	2.3	3.3	4.5	4.4	4.6	4.5
Mich	20.3	30.0	40.8	45.0	44.1	45.0	2.4	3.4	4.5	4.9	4.8	4.9
Wis	5.2	8.9	13.1	16.1	17.2	17.5	1.3	2.0	2.9	3.5	3.7	3.7
W.N.C	33.4	48.2	70.1	75.1	77.8	79.6	2.1	3.0	4.2	4.4	4.6	4.6
Minn	4.9	8.3	13.2	14.4	14.9	15.4	1.4	2.2	3.4	3.6	3.7	3.8
Iowa	5.3	7.2	10.3	11.1	11.4	11.9	1.9	2.5	3.6	3.8	3.9	4.1
Mo	13.2	17.9	24.5	26.3	27.7	27.6	2.9	3.8	5.1	5.4	5.7	5.6
N. Dak	.7	1.0	1.7	2.1	2.1	2.1	1.1	1.6	2.7	3.2	3.2	3.3
S. Dak	1.0	1.4	2.2	2.4	2.7	2.8	1.5	2.0	3.3	3.6	3.9	4.1
Nebr	2.5	3.7	5.6	6.1	6.3	6.4	1.7	2.5	3.6	3.9	4.0	4.1
Kans	5.8	8.8	12.6	12.7	12.7	13.4	2.6	3.9	5.5	5.4	5.4	5.7
S.A	[4] 73.3	106.1	174.8	191.4	202.4	208.3	[4] 2.6	3.5	5.1	5.3	5.5	5.6
Del	.7	1.7	2.8	3.3	3.1	2.3	1.5	3.2	4.7	5.5	5.2	3.9
Md	7.0	9.3	15.4	16.5	16.9	17.5	2.0	2.4	3.7	3.9	4.0	4.1
D.C	1.3	2.3	3.8	3.4	4.5	4.7	1.7	3.0	5.3	5.1	6.8	7.3
Va	8.9	11.9	19.5	22.7	23.6	23.6	2.0	2.6	3.9	4.3	4.4	4.4
W.Va	3.9	5.6	8.6	9.7	10.0	10.3	2.1	3.2	4.7	5.1	5.2	5.3
N.C	11.2	13.7	22.1	26.6	27.4	28.1	2.3	2.7	4.0	4.6	4.7	4.8
S.C	3.0	5.8	9.7	11.9	13.7	13.6	1.2	2.3	3.3	3.9	4.5	4.4
Ga	[4] 12.0	18.6	29.5	31.6	33.4	34.7	[4] 2.7	4.1	5.8	6.0	6.2	6.4
Fla	25.3	37.2	63.4	65.8	69.7	71.6	4.4	5.5	7.4	7.2	7.4	7.3
E.S.C	36.2	50.6	74.4	[4] 80.5	[4] 85.9	[4] 87.5	2.8	4.0	5.4	[4] 5.6	[4] 5.9	[4] 6.0
Ky	8.3	10.7	14.5	[4] 13.8	[4] 16.0	[4] 16.7	2.6	3.3	4.2	[4] 3.8	[4] 4.4	[4] 4.6
Tenn	11.1	16.6	24.6	28.4	29.7	30.2	2.9	4.2	6.9	6.4	6.6	6.6
Ala	11.0	15.1	23.0	25.1	26.5	26.7	3.2	4.4	6.2	6.5	6.9	6.9
Miss	5.7	8.2	12.3	13.3	13.6	13.8	2.5	3.7	5.1	5.4	5.4	5.5
W.S.C.[4]	64.4	82.7	122.8	141.4	150.7	155.0	(s)	(s)	(s)	6.2	6.5	6.5
Ark	6.6	[4] 9.3	[4] [6] 16.7	[6] 20.0	[4] [6] 20.3	[4] 15.9	3.4	[4] 4.8	[4] [6] 7.8	[6] 8.9	[4] [6] 9.0	[4] 6.9
La.[4]	4.6	5.1	8.7	13.2	15.2	18.1	(s)	(s)	(s)	3.2	3.7	4.3
Okla	11.9	16.8	20.6	22.4	22.8	24.2	4.8	6.6	7.4	7.7	7.7	8.0
Tex	41.3	51.5	76.7	85.8	92.4	96.8	3.9	4.6	6.1	6.4	6.7	6.8
Mt	[4] 38.1	[4] 49.0	70.7	78.2	80.9	86.1	[4] 5.0	[4] 5.9	7.2	7.3	7.3	7.6
Mont	2.0	3.0	4.3	4.9	5.1	4.9	2.8	4.4	5.7	6.2	6.5	6.3
Idaho	2.9	3.6	5.2	6.4	6.4	6.6	4.1	5.1	6.3	7.0	6.9	7.0
Wyo	1.4	1.8	2.8	3.1	3.5	4.0	4.3	5.4	7.5	7.3	7.8	8.5
Colo	[3] 6.7	10.4	15.7	18.6	16.5	18.6	[3] 3.4	4.7	6.1	6.7	5.8	6.4
N. Mex	[4] 3.7	[4] 4.4	8.4	9.6	10.0	10.4	[4] 3.6	[4] 4.3	7.2	7.7	7.8	8.0
Ariz	8.6	[5] 12.7	17.6	17.3	20.0	19.9	5.4	[5] 7.2	7.7	6.9	7.6	7.3
Utah	2.9	3.9	6.1	7.1	7.6	7.8	2.9	3.7	5.0	5.2	5.4	5.3
Nev	10.0	9.1	10.5	11.2	11.8	13.8	23.0	18.7	17.0	15.6	15.4	17.3
Pac	89.9	144.7	177.0	184.6	190.8	187.9	3.7	5.5	6.2	6.0	6.1	5.9
Wash	11.5	17.9	25.8	26.5	27.0	28.6	3.9	5.2	7.1	6.8	6.7	6.9
Oreg	6.2	9.6	15.6	17.0	17.6	17.8	3.2	4.6	6.7	6.8	6.8	6.7
Calif	69.9	112.9	128.5	132.9	137.7	133.5	3.8	5.7	6.0	5.8	5.9	5.6
Alaska	1.1	1.7	2.9	3.5	3.5	3.5	4.2	5.6	7.7	8.7	8.7	8.8
Hawaii	1.1	2.6	4.3	4.8	5.1	4.4	1.6	3.4	4.8	5.2	5.3	4.6

S Does not meet publication standards because reporting less than 90 percent complete. [1] Based on total population residing in area; population enumerated as of Apr. 1 for 1970 and 1980, estimated as of July 1 for all other years. [2] Includes estimates for States with reporting less than 90 percent complete; therefore, State data may not add to total. [3] Estimated. [4] Incomplete. [5] Includes divorce petitions filed for some counties. [6] Includes legal separations and dismissals.

Source. U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and *Monthly Vital Statistics Report*.



Section 3

Immigration and Naturalization

This section presents statistics related to immigration, naturalization, and alien registration. The principal source is the *Statistical Yearbook of the Immigration and Naturalization Service*, published annually by the Immigration and Naturalization Service (INS), a unit of the Department of Justice. Immigration statistics are prepared from entry visas and change of immigration status forms. Statistics for naturalization are compiled from periodic reports by Federal courts and specially designated State courts. Alien registration data are compiled from alien address report cards. Due to changes in immigration law in 1981, 1980 was the last year alien address report data were processed.

The collection of U.S. immigration statistics began under the Act of 1819. Data on persons arriving in ports were transmitted to the U.S. Secretary of State, who reported the information periodically to Congress. Subsequently, reports to the Secretary of State and to Congress were required by law, as well as the collection of data on immigrants arriving at land borders. Beginning in 1906, those arriving were divided into immigrants and nonimmigrants, depending on how long they intended to remain in the United States (see below).

Immigrants.—Immigrants are nonresident aliens (i.e., non U.S. citizens) admitted to the U.S. for permanent residence. The category includes persons who may have entered the U.S. as nonimmigrants or refugees, but who subsequently changed their status to that of a permanent resident. A large increase of immigrants admitted to the U.S. in one year may have been due to an influx of refugees one or two years earlier. Thus, immigrants as measured in this section do not equal net civilian immigration as shown in table 7.

Nonimmigrants.—Nonimmigrants are nonresident aliens admitted to the United States for a temporary period. Included in this group are visitors for business and pleasure, students and their spouses and children, foreign government officials, exchange visitors and their spouses and children, international representatives, treaty traders and investors, representatives of foreign information media, fiances(ees) of U.S. citizens and their children, officials of the North Atlantic Treaty Organization (NATO), aliens in transit, and, for statistical purposes, permanent resident aliens returning after short trips abroad. Excluded are border crossers, crewmen, and insular travelers. Certain temporary admissions such as of persons in possession of border-crossing identification cards are not included in the nonimmigrant totals.

Quota and nonquota immigrants.—In 1921, Congress enacted the first numerical ceiling on immigration (357,000 per year) into the United States, although it applied only to Eastern Hemisphere countries and their dependencies. The 1921 Act also required that immigrants be classified as quota and nonquota immigrants. Quota immigrants were subject to congressionally mandated quotas for Eastern Hemisphere countries and their dependencies. Nonquota immigrants included natives of the Western Hemisphere and their spouses and children, immediate relatives of U.S. citizens, and certain groups of special immigrants.

Between 1929 and 1968, quotas were determined by the "national origins" formula which provided that the annual quota equal one-sixth of one percent of the number of White inhabitants in the continental United States in 1920, less Western Hemisphere immigrants and their descendants. The annual quota for each nationality was then determined by the same ratio to 150,000 as the number of inhabitants of each nationality living in the continental United States in 1920 to the total inhabitants, although a minimum quota for any nationality was 100.

The Act of 1965, which became fully effective in July 1968, abolished the quota system and set up an annual numerical limitation of 170,000 immigrants from the Eastern Hemisphere, with no more than 20,000 immigrants to come from any one country; a numerical limitation of 120,000 per year was imposed on Western Hemisphere immigration, which had previously been unrestricted. The 1965 Act thereby gave persons from every country within each hemisphere an equal chance to immigrate to the United States. After 1968 immigrants were classified as those subject to numerical limitations of the Eastern Hemisphere and of the Western Hemisphere, and those exempt from numerical limitations (see table 124). Those exempt include immediate relatives of U.S. citizens and various classes of special immigrants.

For immigrants subject to numerical limitations, numbers are allocated on a basis of seven preference categories, four of which provide for reunion of families of U.S. citizens and resident aliens,

two for specified workers needed in the United States, and one for refugees. Numbers not used by these seven preferences are then available to qualified nonpreference immigrants. From 1968 to December 1976 preference classifications were applied only to immigrants from the Eastern Hemisphere. Beginning 1977 Western Hemisphere immigrants were also subject to preference and nonpreference classifications. Effective October 1978, the separate hemisphere limits were abolished in favor of a worldwide limit of 290,000. This limit was lowered to 280,000 for fiscal year 1980.

Status of Cubans.—Effective November 1966, Cubans admitted or paroled (i.e., admitted without an immigration visa) into the United States after January 1, 1959, and present in the United States for at least 2 years, may obtain permanent resident status. A court decision in September 1976 exempted Cuban refugees from numerical limitations, retroactive to 1968. The Refugee Act of 1980 changed the residency requirement from two years to one year.

Status of Indochinese.—Effective October 28, 1977, refugees from Vietnam, Laos, or Cambodia were eligible to apply for permanent resident status. Public Law 95-145 provided that Indochinese paroled into the United States after March 31, 1975, or physically present on that date, may become permanent residents after living for at least 2 years in the United States.This period was changed to one year per the Refuge Act of 1980.

Refugee Act of 1980.—Effective April 1, 1980, this legislation provides for a uniform admission procedure for refugees of all countries, based on the United Nation's definition of refugees. Authorized admission ceilings are set annually by the President in consultation with Congress. After one year of residence in the United States, refugees are eligible for immigrant status.

Alien registration.—Prior to its elimination in 1981, the Alien Address Reporting Program required all aliens in the United States to report their current address each January to the U.S. Attorney General.

Naturalizations.—Most aliens acquire U.S. citizenship under the general provisions of the Immigration and Nationality Act of 1952, as amended. As specified by that Act, the requirements a prospective citizen must meet relate to residency, language proficiency, moral character, loyalty to the United States, attachment to the principles of the Constitution, etc. Spouses and children of U.S. citizens can be naturalized under less stringent conditions. In certain cases, an administrative, judicial, legislative, or executive waiver of the requirements may be obtained. Naturalization statistics are also maintained by INS.

Historical statistics.--Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 123. Immigration: 1820 to 1980

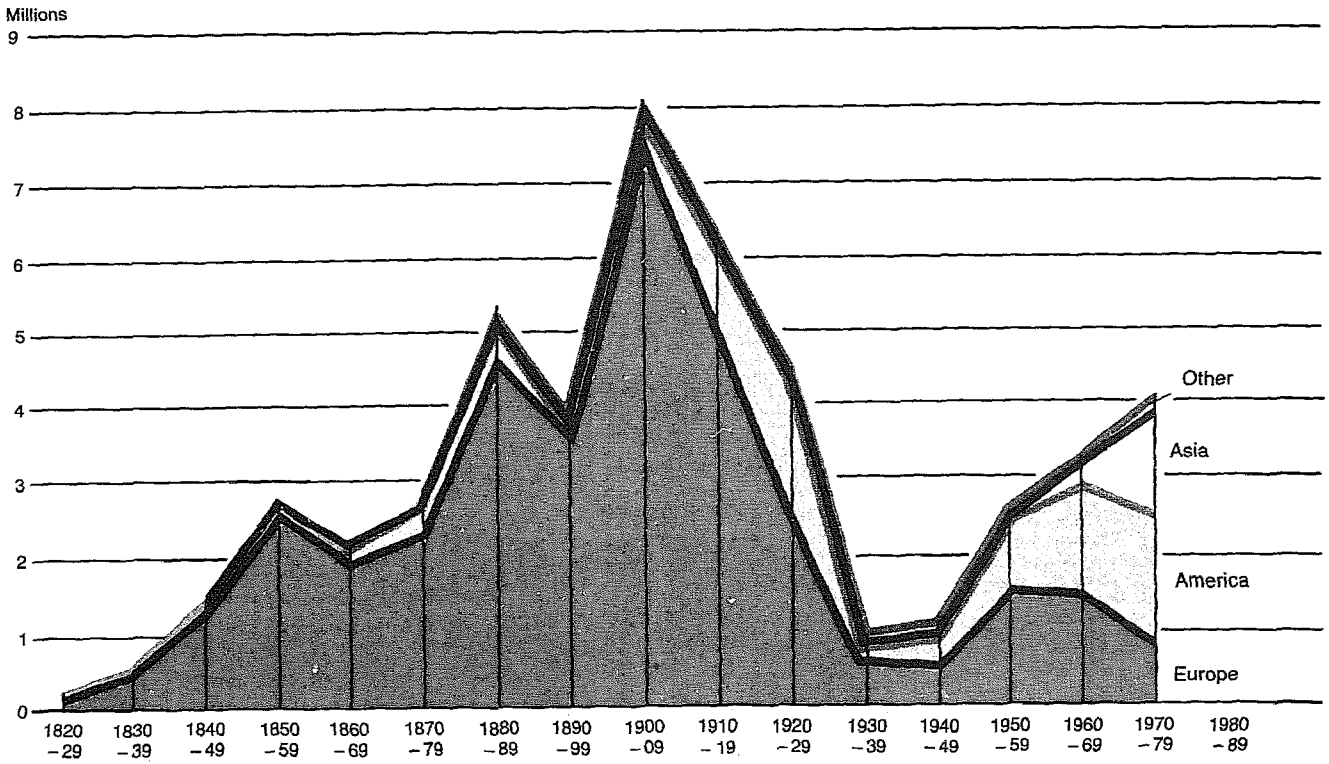
[**In thousands, except rate.** Through **1976,** for years ending **June 30,** except as noted; beginning **1977,** ending **Sept. 30.** For definition of immigrants, see text, pp. 87-88. For 1820-1867, alien passengers arriving; 1868-1891 and 1895-1897, immigrants arriving; 1892-1894 and 1898 to the present, immigrants admitted. Rates based on Bureau of the Census estimates as of July 1 for resident population through 1929, and for total population thereafter (excluding Alaska and Hawaii prior to 1959). See also *Historical Statistics, Colonial Times to 1970,* series C 89]

PERIOD	TOTAL		PERIOD OR YEAR	TOTAL		YEAR	TOTAL	
	Number	Rate [1]		Number	Rate [1]		Number	Rate [1]
1820-1980	**49,655**	**3.5**	1921-1930	4,107	3.5	1970	373	1.8
			1931-1940	528	.4	1971	370	1.8
1820-1830 [2]	152	1.2	1941-1950	1,035	.7	1972	385	1.8
1831-1840 [3]	599	3.9	1951-1960	2,515	1.5	1973	400	1.9
1841-1850 [4]	1,713	8.4	1961-1970	3,322	1.7	1974	395	1.9
1851-1860 [4]	2,598	9.3	1971-1980	4,493	2.1	1975	386	1.8
1861-1870 [5]	2,315	6.4	1965	297	1.5	1976	399	1.9
1871-1880	2,812	6.2	1966	323	1.6	1977	462	2.1
1881-1890	5,247	9.2	1967	362	1.8	1978	601	2.8
1891-1900	3,688	5.3	1968	454	2.3	1979	460	2.1
1901-1910	8,795	10.4	1969	359	1.8	1980	531	2.3
1911-1920	5,736	5.7						

[1] Annual rate per 1,000 U.S. population, 10-year rate computed by dividing sum of annual immigration totals by sum of annual U.S. population totals for same 10 years. [2] Oct. 1, 1819-Sept. 30, 1830. [3] Oct. 1, 1830-Dec. 31, 1840. [4] Calendar years. [5] Jan. 1, 1861-June 30, 1870.

Source: U.S. Immigration and Naturalization Service, *Annual Report,* and releases.

Figure 3.1
Immigrants by Continent: 1820 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 125.

NO. 124. IMMIGRANTS ADMITTED, BY CLASSES: 1930 TO 1980

[For years ending June 30 except, beginning 1977, ending September 30. For definition of immigrants, see text, pp. 87-88. See also *Historical Statistics, Colonial Times to 1970*, series C 143-157]

CLASS OF ADMISSION	1930	1940	1950	1955	1960	1965	1967
Annual quota	153,714	153,774	154,206	154,657	154,887	158,561	158,261
Immigrants admitted	241,700	70,756	249,187	237,790	265,398	296,697	361,972
Natives of Eastern Hemisphere	141,497	51,997	197,460	82,232	101,373	99,381	153,079
Natives of Western Hemisphere	63,147	11,985	33,238	94,274	91,701	153,199	151,034
Immediate relatives of U.S. citizens	32,105	5,474	16,275	30,882	34,215	32,714	46,903
Other	4,951	1,300	2,214	30,402	38,109	11,403	10,956

	1970	1975	1976	1977	1978	1979	1980
Immigrants, total	373,326	386,194	398,613	462,315	601,442	460,348	530,639
Percent of aliens admitted	7.8	5.2	4.9	5.4	6.0	(NA)	(NA)
Subject to Eastern Hemisphere limitations	172,547	160,460	166,204	170,161	165,743	279,478	289,479
Subject to Western Hemisphere limitations	114,736	121,101	118,569	106,339	175,361		
Exempt from numerical limitations	86,043	104,633	113,840	185,815	260,338	180,870	241,160
Subject to limitations [1]	287,283	281,561	284,773	276,500	341,104	279,478	289,479
Relative preferences	92,432	95,945	102,007	130,784	190,297	213,729	216,856
Unmarried sons and daughters of U.S. citizens and their children (1st preference)	1,089	871	931	1,473	3,692	5,107	5,668
Spouses, unmarried sons and daughters of resident aliens, and their children (2d preference)	30,714	43,077	44,339	54,914	77,747	100,681	110,269
Married sons and daughters of U.S. citizens (4th preference) [2]	8,350	3,623	4,077	4,818	11,404	15,714	10,752
Brothers and sisters of U.S. citizens (5th preference) [2]	52,279	48,374	52,660	69,579	97,454	92,227	90,167
Occupational preferences	34,016	29,334	26,361	23,585	30,877	37,709	44,369
Immigrants in professions (3d preference)	10,142	8,363	8,318	6,554	5,287	5,075	8,238
Other workers (6th preference)	8,786	6,724	4,792	4,673	8,888	11,623	12,599
Their spouses and children	15,088	14,247	13,251	12,358	16,702	21,011	23,532
Conditional entrants (7th preference)	9,863	9,129	11,907	9,575	10,309	13,079	12,222
Nonpreference (incl. private bill cases)	36,057	25,961	25,775	77,358	54,120	1,541	1,344
Natives of Western Hemisphere, their spouses and children	102,529	96,547	91,319	34,115	55,411	13,413	14,569
Cuban Refugee Act (Act of Nov. 1966) [3]	12,208	24,554	27,250	952	(x)	(x)	(x)
Other	178	91	154	131	90	7	119
Exempt from numerical limitations	86,043	104,633	113,840	185,815	260,338	180,870	241,160
Immediate relatives	79,213	91,504	102,019	105,957	125,819	138,178	151,131
Wives of U.S. citizens	36,276	33,719	37,856	36,104	49,151	46,902	90,887
Husbands of U.S. citizens	15,619	21,901	22,234	26,105	28,906	33,879	
Children of U.S. citizens	18,095	22,315	23,889	22,572	23,917	25,679	26,562
Orphans adopted abroad	(NA)	5,633	6,552	6,490	1,326	1,195	5,139
Parents of U.S. citizens	9,223	13,569	18,040	21,176	23,845	31,718	33,682
Cuban Refugee Act [3]	124	879	757	67,958	28,296	11,378	6,021
Indochinese Act, Oct. 1977	(x)	(x)	(x)	(x)	94,146	20,666	22,497
Refugee Act, Oct. 1978	(x)	(x)	(x)	(x)	(x)	(x)	46,058
Asylees, Refugee Act of March 1980	(x)	(x)	(x)	(x)	(x)	(x)	1,250
Special immigrants	1,844	2,854	1,819	1,997	1,907	2,374	3,142
Ministers of religion [2]	1,497	1,231	1,368	1,301	1,307	1,368	1,529
Employees of the U.S. Government abroad [2]	290	1,622	449	692	591	989	1,354
Other special immigrants	57	1	2	4	9	17	258
Children born abroad to resident aliens or subsequent to issuance of visa	3,012	3,636	3,405	3,550	3,625	3,294	4,059
Aliens adjusted [4]	1,543	591	739	661	439	262	254
Spouses of U.S. citizens and their children, Act of April 7, 1970	9	5,057	5,014	5,598	6,006	4,647	6,612
Others not subject to numerical limitation	298	112	87	94	100	71	136

NA Not available. X Not applicable.

[1] From 1970 to December 1976 preference classifications were applied only to Eastern Hemisphere immigrants; see text, pp. 87-88. [2] Includes spouses and children. [3] See text, Status of Cubans, p. 88. As of Jan. 1977, Act of Nov. 1966 not subject to numerical limitations. [4] Under sections 244 and 249, Immigration and Naturalization Act.

Source: U.S. Immigration and Naturalization Service, *Annual Report*.

No. 125. Immigrants, by Country of Last Permanent Residence: 1820 to 1979

[**In thousands, except percent.** For years ending **June 30** except, beginning **1977,** ending **September 30.** For definition of immigrants, see text, pp. 87 and 88. Data prior to 1906 refer to country from which aliens came. Because of boundary changes and changes in list of countries separately reported, data for certain countries not comparable throughout. See also *Historical Statistics, Colonial Times to 1970,* series C 89–119]

COUNTRY	1820–1979, total	1951–1960, total	1961–1970, total	1971–1979, total	1975	1976	1977	1978	1979	PERCENT		
										1820–1979	1961–1970	1971–1979
Total	**49,125**	**2,515.5**	**3,321.7**	**3,962.5**	**386.2**	**398.6**	**462.3**	**601.4**	**460.3**	**100.0**	**100.0**	**100.0**
Europe	**36,267**	**1,325.6**	**1,123.4**	**728.2**	**72.8**	**73.0**	**74.0**	**76.2**	**64.2**	**73.8**	**33.8**	**18.4**
Austria[1]	4,317	67.1	20.6	9.1	.5	.5	.5	.5	.5	8.8	.6	.2
Hungary		36.6	5.4	5.8	.6	.6	.5	.6	.5		.2	.1
Belgium	203	18.6	9.2	4.7	.4	.5	.5	.6	.6	.4	.3	.1
Czechoslovakia	138	.9	3.3	5.0	.3	.3	.3	.4	.5	.3	.1	.1
Denmark	365	11.0	9.2	3.9	.3	.4	.4	.4	.4	.7	.3	.1
Finland	34	4.9	4.2	2.3	.2	.2	.2	.3	.3	.1	.1	.1
France	753	51.1	45.2	22.7	1.8	2.0	2.7	2.7	2.9	1.5	1.4	.6
Germany[1]	6,985	477.8	190.8	67.9	5.9	6.6	7.4	7.6	7.2	14.2	5.7	1.7
Great Britain[2 3]	4,948	204.5	214.5	121.9	12.2	13.0	14.0	16.4	15.5	10.1	6.5	3.1
Greece	661	47.6	86.0	87.7	9.8	8.6	7.8	7.0	5.9	1.3	2.6	2.2
Ireland[3]	4,691	57.3	37.5	10.6	1.1	1.0	1.0	.9	.8	9.5	1.1	.3
Italy	5,300	185.5	214.1	123.9	11.0	8.0	7.4	7.0	6.0	10.8	6.4	3.1
Netherlands	361	52.3	30.6	9.5	.8	.9	1.0	1.2	1.2	.7	.9	.2
Norway	857	22.9	15.5	3.5	.4	.3	.3	.4	.4	1.7	.5	.1
Poland[1]	518	10.0	53.5	32.5	3.5	3.2	3.3	4.5	3.9	1.1	1.6	.8
Portugal	452	19.6	76.1	93.3	11.3	11.0	10.0	10.5	7.1	.9	2.3	2.4
Soviet Union[1 4]	3,375	.6	2.3	28.4	4.7	7.4	5.4	4.7	1.9	6.9	.1	.7
Spain	263	7.9	44.7	37.4	2.6	2.8	5.6	4.3	3.3	.5	1.3	.9
Sweden	1,273	21.7	17.1	5.8	.5	.6	.6	.6	.8	2.6	.5	.1
Switzerland	350	17.7	18.5	7.7	.7	.8	.8	.9	.8	.7	.6	.2
Yugoslavia	115	8.2	20.4	28.5	2.9	2.3	2.3	2.2	1.9	.2	.6	.7
Other Europe	308	1.8	4.7	16.1	1.3	2.0	2.0	2.5	1.8	.6	.1	.4
Asia	**3,037**	**150.1**	**427.8**	**1,352.1**	**129.2**	**146.7**	**150.8**	**243.6**	**183.0**	**6.2**	**12.9**	**34.1**
China[5]	540	9.7	34.8	96.7	9.2	9.9	12.5	14.5	12.3	1.1	1.0	2.4
Hong Kong	[6] 200	15.5	75.0	109.5	12.5	13.7	12.3	11.1	16.8	.4	2.3	2.8
India	182	2.0	27.2	141.4	14.3	16.1	16.8	19.1	18.6	.4	.8	3.6
Iran	[6] 48	3.4	10.3	34.9	2.2	2.6	4.2	5.9	8.3	.1	.3	.9
Israel	[6] 90	25.5	29.6	34.2	3.5	5.2	4.4	4.5	4.3	.2	.9	.9
Japan	411	46.3	40.0	45.4	4.8	4.8	4.5	4.5	4.5	.8	1.2	1.1
Jordan	[6] 41	5.8	11.7	24.0	2.3	2.4	2.9	3.2	3.2	.1	.4	.6
Korea	[6] 276	6.2	34.5	235.4	28.1	30.6	30.7	28.8	28.7	.6	1.0	5.9
Lebanon	[6] 58	4.5	15.2	37.3	4.0	5.0	5.5	4.8	4.8	.1	.5	.9
Philippines	[7] 431	19.3	98.4	312.7	31.3	36.8	38.5	36.6	40.8	.9	3.0	7.9
Turkey	387	3.5	10.1	11.1	1.1	1.0	1.0	1.0	1.3	.8	.3	.3
Vietnam	[8] 134	.3	4.3	129.3	2.7	2.4	3.4	87.6	19.1	.3	.1	3.3
Other Asia	239	8.1	36.7	140.3	13.2	16.2	14.1	22.0	20.3	.5	1.1	3.5
America	**9,248**	**996.9**	**1,716.4**	**1,778.3**	**174.7**	**169.2**	**223.2**	**266.5**	**197.1**	**18.8**	**51.7**	**44.9**
Argentina	[9] 97	19.5	49.7	27.2	2.8	2.7	3.1	4.1	3.1	.2	1.5	.7
Brazil	[9] 59	13.8	29.3	16.4	1.4	1.4	1.9	2.2	1.8	.1	.9	.4
Canada	4,125	378.0	413.3	156.2	11.2	11.4	18.0	23.5	20.2	8.4	12.4	3.9
Colombia	[9] 156	18.0	72.0	66.0	6.4	5.7	8.2	10.9	10.5	.3	2.2	1.7
Cuba	[10] 539	78.9	208.5	249.7	25.6	28.4	66.1	27.5	14.0	1.1	6.3	6.3
Dominican Republic	[10] 235	9.9	93.3	130.8	14.1	12.4	11.6	19.5	17.5	.5	2.8	3.3
Ecuador	[9] 91	9.8	36.8	44.0	4.7	4.5	5.2	5.7	4.4	.2	1.1	1.1
El Salvador	[9] 50	5.9	15.0	28.4	2.4	2.4	4.4	5.9	4.5	.1	.5	.7
Guatemala	[9] 44	4.7	15.9	22.2	1.9	2.0	3.7	4.1	2.6	.1	.5	.6
Haiti	[10] 89	4.4	34.5	49.8	5.0	5.3	5.2	6.1	6.1	.2	1.0	1.3
Honduras	[9] 37	6.0	15.7	14.8	1.4	1.3	1.6	2.7	2.5	.1	.5	.4
Mexico	2,176	299.8	453.9	583.7	62.6	58.4	44.6	92.7	52.5	4.4	13.7	14.7
Panama	[9] 51	11.7	19.4	19.8	1.7	1.8	2.5	3.3	3.5	.1	.6	.5
Peru	[9] 52	7.4	19.1	25.1	2.3	2.6	3.9	5.1	4.0	.1	.6	.6
Other West Indies	895	29.8	133.9	237.4	22.3	19.6	27.1	34.6	33.5	1.8	4.0	6.0
Other America	552	99.2	106.2	106.9	8.9	9.3	16.1	18.6	16.4	1.1	3.2	2.7
Africa	**143**	**14.1**	**29.0**	**66.7**	**5.9**	**5.7**	**9.6**	**10.3**	**11.2**	**.3**	**.9**	**1.7**
Australia and New Zealand	**121**	**11.5**	**19.6**	**21.6**	**1.8**	**2.1**	**2.5**	**2.7**	**2.5**	**.2**	**.6**	**.5**
All other	**309**	**17.2**	**5.7**	**15.7**	**1.8**	**1.8**	**2.1**	**2.2**	**2.4**	**.6**	**.2**	**.4**

[1] 1938–1945, Austria included with Germany; 1899–1919, Poland included with Austria-Hungary, Germany, and Soviet Union.
[2] For 1901–1951, United Kingdom, not specified, is included in "Other Europe." [3] From 1925 to present, United Kingdom refers to Great Britain, Scotland, Wales, and Northern Ireland. Prior to 1925, data for Northern Ireland included in Ireland.
[4] Europe and Asia. [5] Beginning 1957, includes Taiwan. [6] Prior to 1951, included with "Other Asia."
[7] Prior to 1951, Philippines included with "All other." [8] Prior to 1953, data for Vietnam not available. [9] Prior to 1951, included with "Other America." [10] Prior to 1951, included with "Other West Indies."

Source: U.S. Immigration and Naturalization Service, *Annual Report.*

No. 126. Immigrants, by Country of Birth: 1951 to 1980

[In thousands. For years ending June 30 except, beginning 1977, ending September 30. For definition of immigrants, see text, pp. 87 and 88. See headnote, table 125 for statement on boundary changes]

COUNTRY OF BIRTH	1951–1960, total	1961–1970, total	1971–1980, total	1970	1975	1977	1978	1979	1980	PERCENT 1961–1970	PERCENT 1971–1980
All countries	**2,515.5**	**3,321.7**	**4,493.3**	**373.3**	**386.2**	**462.3**	**601.4**	**460.3**	**530.6**	**100.0**	**100.0**
Europe [1]	**1,492.2**	**1,238.6**	**801.3**	**116.0**	**74.0**	**70.0**	**73.2**	**60.8**	**72.1**	**37.3**	**17.8**
Austria	29.7	13.7	4.7	.9	.4	.4	.5	.4	.4	.4	.1
Belgium	12.9	8.5	4.0	.5	.3	.4	.4	.4	.4	.3	.1
Czechoslovakia	28.8	21.4	10.2	4.5	.5	.6	.7	.8	1.1	.6	.2
Denmark	13.7	11.8	4.5	.6	.4	.4	.4	.4	.5	.4	.1
Finland	6.7	5.8	3.4	.5	.3	.3	.4	.3	.4	.2	.1
France	38.0	34.3	17.8	2.5	1.4	1.6	1.8	1.7	1.9	1.0	.4
Germany	345.5	200.0	66.0	9.7	5.2	6.4	6.7	6.3	6.6	6.0	1.5
Greece	48.4	90.2	93.7	16.5	10.0	7.8	7.0	5.1	4.7	2.7	2.1
Hungary	64.5	17.3	11.6	1.8	.9	.9	.9	.9	.8	.5	.3
Ireland	64.4	42.4	14.1	1.6	1.3	1.2	1.2	1.0	1.0	1.3	.3
Italy	188.0	206.7	130.1	25.0	11.6	7.5	7.4	6.2	5.5	6.2	2.9
Netherlands	47.2	27.8	10.7	1.5	.8	1.0	1.2	1.1	1.2	.8	.2
Norway	24.7	16.4	4.0	.5	.4	.3	.4	.4	.4	.5	.1
Poland	128.0	73.3	43.6	3.6	3.9	4.0	5.1	4.4	4.7	2.2	1.0
Portugal	20.4	79.3	104.5	13.2	11.8	9.7	10.4	7.1	8.4	2.4	2.3
Romania	17.4	14.9	17.5	1.8	1.2	2.0	2.0	1.6	1.9	.4	.4
Soviet Union	46.5	15.7	43.2	.9	5.1	5.7	5.2	2.5	10.5	.5	1.0
Spain	10.7	30.5	30.0	4.1	2.5	2.5	2.3	1.9	1.9	.9	.7
Sweden	18.9	16.7	6.3	.7	.5	.6	.6	.8	.8	.5	.1
Switzerland	17.2	16.3	6.6	1.1	.5	.6	.7	.7	.7	.5	.1
United Kingdom	208.9	230.5	123.5	14.2	10.8	12.5	14.2	13.9	15.5	6.9	2.7
Yugoslavia	58.7	46.2	42.1	8.6	3.5	2.8	2.6	2.2	2.1	1.4	.9
Asia [1]	**157.1**	**445.3**	**1,633.8**	**94.9**	**132.5**	**157.8**	**249.8**	**189.3**	**236.1**	**13.4**	**36.4**
China [2]	32.7	96.7	202.5	14.1	18.5	19.8	21.3	24.3	27.7	2.9	4.5
Hong Kong	3.1	25.6	47.5	3.9	4.9	5.6	5.2	4.1	3.9	.8	1.1
India	3.1	31.2	176.8	10.1	15.8	18.6	20.8	19.7	22.6	.9	3.9
Iran	2.5	10.4	46.2	1.8	2.3	4.3	5.9	8.5	10.4	.3	1.0
Iraq	1.4	6.4	23.4	1.2	2.8	2.8	2.2	2.9	2.7	.2	.5
Israel	8.6	12.9	26.6	2.0	2.1	3.0	3.3	3.1	3.5	.4	.6
Japan	44.7	38.5	47.9	4.5	4.3	4.2	4.0	4.1	4.2	1.2	1.1
Jordan	5.1	14.0	29.6	2.8	2.6	2.9	3.5	3.4	3.3	.4	.7
Korea	7.0	35.8	272.0	9.3	28.4	30.9	29.3	29.2	32.3	1.1	6.1
Lebanon	3.2	7.5	33.8	1.9	2.1	5.7	4.6	4.6	4.1	.2	.8
Philippines	17.2	101.5	360.2	31.2	31.8	39.1	37.2	41.3	42.3	3.1	8.0
Thailand	(NA)	5.0	44.1	1.8	4.2	3.9	3.6	3.2	4.1	.2	1.0
Turkey	2.4	6.8	16.6	2.1	1.6	1.8	1.6	1.8	2.2	.2	.4
Vietnam	2.0	4.6	179.7	1.5	3.0	4.6	88.5	22.5	43.5	.1	4.0
North America [1]	**769.1**	**1,351.1**	**1,645.0**	**129.1**	**146.7**	**187.3**	**220.8**	**157.6**	**164.8**	**40.7**	**36.6**
Canada	274.9	286.7	114.8	13.8	7.3	12.7	16.9	13.8	13.6	8.6	2.6
Mexico	319.3	443.3	637.2	44.5	62.2	44.1	92.4	52.1	56.7	13.3	14.2
West Indies [1]	122.8	519.5	759.8	61.4	67.4	114.0	91.4	74.1	73.3	15.6	16.9
Barbados	1.6	9.4	20.9	1.8	1.6	2.8	3.0	2.5	2.7	.3	.5
Cuba	78.3	256.8	276.8	16.3	26.0	69.7	29.8	15.6	15.1	7.7	6.2
Dominican Republic	9.8	94.1	148.0	10.8	14.1	11.7	19.5	17.5	17.2	2.8	3.3
Haiti	4.0	37.5	58.7	6.9	5.1	5.4	6.5	6.4	6.5	1.1	1.3
Jamaica	8.7	71.0	142.0	15.0	11.1	11.5	19.3	19.7	19.0	2.1	3.2
Trinidad and Tobago	1.6	24.6	61.8	7.4	6.0	6.1	6.0	5.2	5.2	.7	1.4
Central America [1]	44.6	97.7	132.4	9.3	9.7	16.5	20.2	17.5	21.0	2.9	2.9
El Salvador	4.8	15.0	34.4	1.7	2.4	4.4	5.8	4.5	6.1	.5	.8
Guatemala	4.1	15.4	25.6	2.1	1.9	3.6	4.0	2.6	3.8	.5	.6
Panama	9.7	18.4	22.7	1.6	1.7	2.4	3.1	3.5	3.6	.6	.5
South America [1]	**72.2**	**228.3**	**284.4**	**22.0**	**23.0**	**33.0**	**41.8**	**35.3**	**39.7**	**6.9**	**6.3**
Argentina	14.3	42.1	25.1	3.4	2.2	2.8	3.7	2.9	2.8	1.3	.6
Brazil	8.9	20.5	13.7	1.9	1.1	1.5	1.9	1.5	1.6	.6	.3
Colombia	17.6	70.3	77.6	6.8	6.4	8.3	11.0	10.6	11.3	2.1	1.7
Ecuador	9.5	37.0	50.2	4.4	4.7	5.3	5.7	4.4	6.1	1.1	1.1
Guyana	1.0	7.1	47.5	1.8	3.2	5.7	7.5	7.0	8.4	.2	1.1
Peru	5.7	18.6	29.1	.9	2.3	3.9	5.2	4.1	4.0	.6	.6
Africa	**16.6**	**39.3**	**91.5**	**8.1**	**6.7**	**10.2**	**11.5**	**12.8**	**14.0**	**1.2**	**2.0**
Egypt	3.7	17.2	25.5	4.9	1.7	2.3	2.8	3.2	2.8	.5	.6
Australia	**3.7**	**9.9**	**14.3**	**1.7**	**1.1**	**1.4**	**1.6**	**1.4**	**.5**	**.3**	**.3**
New Zealand	**1.3**	**3.7**	**5.3**	**.6**	**.4**	**.6**	**.6**	**.6**	**.7**	**.1**	**.1**
Other countries	**3.3**	**5.5**	**17.7**	**.9**	**1.8**	**2.1**	**2.2**	**2.5**	**1.7**	**.2**	**.4**

NA Not available. [1] Includes countries not shown separately. [2] Includes Taiwan.

Source: U.S. Immigration and Naturalization Service, *Annual Report*, and releases.

NO. 127. IMMIGRANTS, BY SELECTED CHARACTERISTICS: 1951 TO 1979

[**In thousands, except as indicated.** Through **1976,** for years ending **June 30;** beginning **1977,** ending **Sept. 30.** For definition of immigrants, see text, pp. 87-88; for definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970,* series C 120-142]

CHARACTERISTIC	1951-1960, total	1961-1970, total	1971-1979, total	1975	1976	1977	1978	1979	PERCENT 1961-1970	PERCENT 1971-1979
Total	**2,515**	**3,322**	**3,962**	**386.2**	**398.6**	**462.3**	**601.4**	**460.3**	**100.0**	**100.0**
Male	[1]859	1,488	1,859	180.7	184.8	216.4	286.4	219.5	44.8	46.9
Married	368	651	913	88.7	92.8	112.2	136.1	105.5	19.6	23.0
Single	467	816	925	90.1	89.4	100.6	146.6	110.8	24.6	23.3
Other	24	21	24	1.9	2.6	3.6	3.7	3.2	.6	.6
Female	[1]1,014	1,834	2,103	205.5	213.8	245.9	315.1	240.8	55.2	53.1
Married	501	883	1,156	112.2	118.8	135.6	168.9	130.7	26.6	29.2
Single	451	856	845	83.5	83.1	93.9	129.7	97.2	25.8	21.3
Other	63	95	104	9.8	11.9	16.4	16.5	12.9	2.9	2.6
Males per 1,000 females	850	811	884	879	864	880	909	912	(X)	(X)
Age:										
Under 16 years	576	847	1,035	105.4	102.2	108.2	153.0	110.9	25.5	26.1
16-44 years	1,596	2,018	2,347	226.0	234.0	266.9	358.7	277.0	60.7	59.3
45 years and over	343	457	581	54.8	62.3	87.2	89.8	72.5	13.8	14.6
Median age (year)	[1]25.8	25.2	25.0	25.4	26.0	27.1	26.2	26.3	(X)	(X)
Occupation: [2]										
Professional, tech., and kindred	184	337	398	38.5	41.1	45.0	48.9	39.5	10.1	10.3
Managers and administrators [3]	53	66	115	10.0	11.6	17.4	20.9	18.9	2.0	2.9
Sales workers	([4])	([4])	34	3.4	3.9	5.6	6.5	5.0	([4])	.7
Clerical and kindred workers	[4]197	[4]245	155	14.1	14.9	20.5	27.3	21.1	[4]7.4	4.1
Craftsmen and kindred workers	196	207	194	20.6	18.8	21.3	27.8	20.3	6.2	4.0
Operatives, except transport	[5]168	[5]162	219	18.4	20.9	30.5	42.4	26.8	[5]4.9	5.6
Transport equipment operatives	([5])	([5])	23	2.9	3.2	4.0	4.9	4.4	([5])	.6
Laborers, except farm	133	129	143	13.0	12.1	12.2	22.9	13.8	3.9	3.6
Farmers and farm managers	49	26	8	.9	1.4	.6	.5	.8	.7	.2
Farm laborers and farm foremen	43	57	70	6.3	6.2	6.9	11.1	9.6	1.7	1.7
Service workers exc. pvt. household	70	108	150	15.5	14.0	16.8	25.0	16.3	3.3	3.9
Private household workers	94	127	82	5.9	6.8	8.5	10.5	8.6	3.8	2.1
No occupation [6]	1,329	1,857	2,377	236.6	243.9	273.0	2.7	275.4	55.9	60.0

X Not applicable. [1] 1954-1960. [2] Beginning 1974, based on Bureau of the Census 1970 index of occupations; prior years based on 1950 and 1960 indexes. The occupations contained in the major groups are, therefore, not necessarily identical to the groupings of prior years. See Section 21 for data on scientists, engineers, and physicians.
[3] Except farm. [4] Sales workers included in "Clerical and kindred workers."
[5] Transport equipment operatives included in "Operatives, except transport."
[6] Includes dependent women and children, and other aliens without occupation or occupation not reported.

NO. 128. IMMIGRANTS ADMITTED AS PERMANENT RESIDENTS UNDER REFUGEE ACTS, BY COUNTRY OF BIRTH: 1954 TO 1980

[For years ending **June 30** except, beginning **1977,** ending **September 30** Covers immigrants who were allowed to enter U.S. under 1953 Refugee Relief Act and later acts; Hungarian parolees under July 1958 Act; refugee-escapee parolees under July 1960 Act; conditional entries by refugees under Oct. 1965 Act; Cuban parolees under Nov. 1966 Act; beginning 1978, Indochina refugees under Act of Oct. 1977; and beginning 1980, refugee-parolees under the Act of Oct. 1978, and asylees under the Act of March 1980]

COUNTRY OF BIRTH	1954-1979, total	1961-1970, total	1971-1978, total	1979	1980	COUNTRY OF BIRTH	1954-1979, total	1961-1970, total	1971-1978, total	1979	1980
Total	**918,842**	**212,719**	**405,297**	**45,128**	**88,057**	**Asia** [1]	**196,216**	**19,207**	**119,345**	**28,070**	**63,260**
Europe [1]	**337,987**	**55,914**	**54,186**	**4,353**	**13,304**	China [2]	26,695	5,300	11,057	932	1,751
Austria	5,725	233	163	12	10	Indonesia	15,996	7,658	91	7	123
Bulgaria	3,607	1,799	1,035	107	83	Japan	4,371	554	21	6	19
Czechoslovakia	11,866	5,709	2,688	326	618	Kampuchea	4,973	-	3,607	1,366	2,716
Germany	22,108	665	124	7	12	Korea	4,486	1,315	49	5	10
Greece	19,358	586	324	40	114	Laos	7,734	-	4,259	3,475	13,843
Hungary	52,458	4,044	3,814	286	258	Vietnam	108,616	5	88,132	20,481	41,537
Italy	60,408	1,198	331	3	12	Other Asia	23,345	4,375	12,129	1,798	3,261
Netherlands	17,428	3,134	9	-	-	**North America**	**374,066**	**131,955**	**229,222**	**12,240**	**10,247**
Poland	20,993	3,197	4,027	878	976	Cuba	371,992	131,448	228,415	12,130	10,056
Portugal	5,010	1,361	17	-	4	Other N. America	2,074	507	807	110	191
Romania	17,967	7,158	5,025	699	1,088	**South America**	**983**	**121**	**749**	**50**	**423**
Soviet Union	28,334	865	19,656	1,791	9,662	**Africa**	**9,418**	**5,486**	**1,771**	**414**	**806**
Spain	9,482	4,105	5,051	116	137	**Other**	**172**	**36**	**24**	**1**	**17**
Yugoslavia	50,029	18,299	11,234	22	41						
Other Europe	13,218	3,561	688	66	89						

- Represents zero. [1] Through 1970, Turkey included in Europe; thereafter, included in Asia. [2] Includes Taiwan.
Source of tables 127 and 128: U.S. Immigration and Naturalization Service, *Annual Report,* and releases.

NO. 129. SOUTHEAST ASIAN REFUGEE ARRIVALS, BY STATE: 1980 TO 1982

[For fiscal years ending Sept. 30]

STATE	1980	1981	1982	STATE	1980	1981	1982	STATE	1980	1981	1982
Total [1]	166,727	132,454	72,155	Kans	1,924	1,597	1,339	N. Dak	331	230	218
				Ky	790	512	682	Ohio	2,465	2,092	1,358
Ala	853	816	462	La	2,116	2,366	1,419	Okla	2,204	1,728	1,036
Alaska	111	87	22	Maine	278	393	222	Oreg	6,213	4,123	1,862
Ariz	1,254	1,167	524	Md	1,257	1,063	491	Pa	6,689	4,794	2,903
Ark	1,112	616	337	Mass	3,748	3,910	2,928	R.I	1,132	1,108	527
Calif	48,540	41,196	18,356	Mich	3,142	1,681	815	S.C	573	682	363
Colo	2,792	1,762	956	Minn	7,425	3,843	2,000	S. Dak	389	185	137
Conn	1,770	1,317	693	Miss	436	260	231	Tenn	2,032	1,025	794
Del	72	53	23	Mo	1,713	1,919	1,157	Texas	12,251	11,866	7,586
D.C	3,191	2,301	1,419	Mont	540	92	82	Utah	3,568	1,934	774
Fla	2,926	2,606	1,651	Nebr	741	473	461	Vt	151	84	55
Ga	2,427	2,920	1,688	Nev	719	393	237	Va	3,153	3,098	1,916
Hawaii	2,385	1,422	642	N.H	130	95	144	Wash	7,972	6,119	3,293
Idaho	355	389	269	N.J	1,813	1,089	686	W. Va	213	117	85
Ill	7,012	5,383	2,753	N. Mex	1,274	1,059	500	Wis	2,492	1,030	620
Ind	1,585	761	485	N.Y	5,938	5,748	3,592	Wyo	113	54	19
Iowa	2,837	1,578	709	N.C	1,734	1,033	603				

[1] Includes those who settled in a Trust Territory of the United States and those whose place of arrival is unknown.

Source: U.S. Dept. of Health and Human Services, Office of Refugee Resettlement, *Report to the Congress,* annual.

NO. 130. INDOCHINA REFUGEES, 1975 TO 1982, AND BY CHARACTERISTIC, 1982

[Number of refugees present as of Dec. 31, except as noted. Includes only refugees resettled in U.S. See text, status of Indochinese, p. 88]

YEAR	Number (1,000)	CHARACTERISTIC, 1982 REFUGEES	Number (1,000)	Percent
		Total refugees	**61.0**	**100.0**
1975, total refugees	[1] 123.3	Male	35.7	58.5
1976, total refugees	144.1	Female	25.3	41.5
1977, total refugees	148.4	Age: Under 6 years	8.6	14.1
1978, total refugees	177.1	6-17 years	17.9	29.3
1979, total refugees	289.2	18-24 years	13.9	22.8
1980, total refugees	444.6	25-44 years	16.4	26.9
1981, total refugees	565.8	45-62 years	3.2	5.2
1982, total refugees	[2] 626.9	63 years and over	1.0	1.6

[1] April 18, 1975 to Dec. 10, 1975. [2] As of Dec. 31, 1982, an additional 618,300 were resettled in other countries.

Source: 1975, U.S. Dept. of State, Interagency Task Force for Indochina, *Report to the Congress;* 1976-1978, U.S. Dept. of Health, Education, and Welfare, Task Force for Indochina, *Report to the Congress;* thereafter, U.S. Dept. of Health and Human Services, Office of Refugee Resettlement, *Report to the Congress,* annual.

NO. 131. CUBAN ENTRANTS—SUMMARY: 1982

[In percent, except as indicated. Covers 124,789 Cubans entering the United States between April 21, 1980 and October 10, 1980, all of whom were classified as "entrants (status-pending)"]

ITEM	Arrivals	ITEM	Arrivals	ITEM	Resettlements [3] (1,000)
Total (number)	124,789	Education: [1]		**Total**	[4] **123.5**
Sex:		None	14.8		
Male	69.6	1-6 years	33.1	By voluntary agencies	63.2
Female	30.3	7-8 years	6.7	Direct to relatives	60.3
Age:		9-12 years	26.4	Destination: [5]	
Under 18 years old	18.1	College	4.7	Florida	86.6
18-24 years	16.5	Unknown	12.5	New Jersey	8.0
25-29 years	16.0	Occupation: [2]		New York	6.4
30-34 years	13.6	Structural	30.6	California	5.7
35-44 years	17.6	Service	16.1	Texas	2.0
45-64 years	13.7	Prof./tech./managerial	11.9	Illinois	1.9
65 and over	3.9	Machine	10.6	Pennsylvania	1.1
Unknown	.6	Clerical/sales	5.4	Other	11.8

[1] Based on 79,467 responses collected at the Fort McCoy and Fort Chaffee processing centers. [2] Based on 39,229 codable responses, classified according to the U.S. Department of Labor's *Dictionary of Occupational Titles,* 1977. [3] As of December 31, 1982. [4] Excludes detainees in Federal corrections institutions and other Federal long-term care facilities. [5] Based on sponsor or location of relatives; does not reflect secondary migration.

Source: U.S. Department of Justice, Community Relations Service, unpublished data.

NO. 132. ENTRIES OF ALIENS AND CITIZENS OVER INTERNATIONAL LAND BOUNDARIES: 1950 TO 1981

[**In millions.** For years ending **June 30** except, beginning **1977,** ending **September 30.** Each entry of same person counted separately. Partially estimated]

YEAR	ALL ENTRIES			VIA CANADIAN BORDER			VIA MEXICAN BORDER		
	Total	Aliens	Citizens	Total	Aliens	Citizens	Total	Aliens	Citizens
1950	87.5	41.3	46.2	38.8	16.6	22.1	48.7	24.7	24.1
1955	119.8	61.6	58.2	48.0	24.8	23.2	71.8	36.8	35.0
1960	154.0	89.0	65.0	55.5	29.8	25.7	98.5	59.2	39.3
1965	175.8	101.8	74.0	59.8	33.3	26.5	116.0	68.5	47.5
1970	216.0	126.5	89.6	71.6	39.8	31.8	144.4	86.7	57.7
1973	238.3	138.4	99.9	77.4	42.5	34.8	160.9	95.8	65.1
1974	245.3	143.7	101.6	75.7	42.1	33.7	169.6	101.7	67.9
1975	236.8	141.1	95.7	78.4	43.6	34.8	158.4	97.5	60.9
1976	249.8	152.2	97.6	81.7	46.5	35.2	168.1	105.7	62.4
1977	242.4	150.3	92.1	85.6	49.9	35.7	156.8	100.4	56.4
1978	251.2	155.0	96.3	87.6	51.7	35.9	163.6	103.2	60.4
1979	245.2	152.3	92.9	81.5	47.8	33.7	163.7	104.5	59.2
1980	277.0	171.0	106.0	92.2	53.8	38.4	184.9	117.2	67.6
1981	289.1	176.3	112.8	98.9	57.1	41.9	190.1	119.2	70.9

NO. 133. FOREIGN LABORERS ADMITTED, BY COUNTRY OF LAST PERMANENT RESIDENCE: 1960 TO 1981

[For years ending **June 30** except, beginning **1977,** ending **September 30.** Covers workers admitted after U.S. Dept. of Labor certification as to need for temporary agricultural workers. For data on temporary workers admitted under Immigration and Nationality Act, see table 138. Mexican agricultural laborers were employed under the provisions of Public Law 78 from 1949 until December 31, 1964. After that date, Mexican agricultural laborers, like workers from other countries, entered the United States under the Immigration and Nationality Act, which provides for the importation of foreign workers if like workers are not available in the United States]

COUNTRY	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
Total	[1] 447,207	155,761	47,483	25,434	22,124	21,671	18,679	18,213	16,548	16,190
Agricultural laborers:										
Mexico	427,240	[2] 103,563	–	–	–	–	–	–	–	–
Canada	7,804	8,149	3,156	970	572	399	312	287	391	454
West Indies	10,874	15,397	15,895	11,245	11,568	11,661	10,955	12,246	11,004	11,566
Japan	969	31	–	–	–	–	–	–	–	–
Spain (Basque sheepherders)	213	453	463	211	185	206	274	258	149	206
Others:										
Canadian woodsmen	(NA)	13,281	8,238	3,671	2,696	2,303	2,059	1,534	1,244	910
U.S. Virgin Island workers	(NA)	13,514	15,459	7,286	5,967	4,304	3,077	2,713	2,355	2,719
Workers admitted into Guam	–	1,373	4,272	2,051	1,136	2,798	2,002	1,175	1,405	335

– Represents zero. NA Not available. [1] Includes British Honduras, not shown separately.
[2] Includes 100,876 Mexican laborers admitted under Public Law 78 prior to Dec. 31, 1964.

NO. 134. ALIENS ADMITTED AND EXPELLED: 1951 TO 1981

[**In thousands.** For years ending **June 30** except, beginning **1977,** ending **September 30.** See also *Historical Statistics, Colonial Times to 1970,* series C 144, C 149, and C 158–160]

STATUS	1951–1960	1961–1970	1971–1980	1970	1975	1977	1978	1979	1980	1981
Aliens admitted	9,629	27,429	(NA)	4,305	7,470	8,499	9,945	(NA)	(NA)	12,251
Immigrant	2,515	3,322	4,494	373	386	462	601	460	531	597
Nonimmigrant	7,113	24,107	[1] 64,314	4,432	7,084	8,037	9,344	[2] 7,060	(NA)	11,654
Aliens expelled	4,014	1,431	7,478	320	679	897	1,004	992	736	837
Deported	130	96	232	17	23	30	28	26	17	17
Required to depart	3,884	1,334	7,247	303	656	867	976	966	719	820
Deportable aliens located	3,584	1,608	8,319	345	767	1,042	1,058	1,076	910	976
Entry without inspection	(NA)	780	7,345	244	668	939	971	1,003	835	899
From Mexico	(NA)	756	7,463	240	655	921	949	978	817	874

NA Not available. [1] Covers 1971–June 30, 1979. [2] Includes only 9 months; Oct. 1, 1978–June 30, 1979.
Source of tables 132–134: U.S. Immigration and Naturalization Service, *Annual Report.*

No. 135. Alien Deportation, by Selected Causes: 1951 to 1981

[For years ending June 30 except, beginning 1978, ending September 30]

CAUSE	1951-1960	1961-1970	1971-1980	1970	1975	1978	1979	1980	1981
Total	**130,887**	**96,374**	**231,744**	**16,893**	**23,438**	**28,371**	**25,888**	**17,262**	**16,595**
Entry without inspection or by false statements	54,457	43,561	170,955	8,035	16,529	24,165	22,525	14,493	13,707
Failure to maintain or comply with conditions of nonimmigrant status	26,260	31,334	33,725	4,436	3,649	2,543	1,901	1,759	1,927
Criminal	6,742	3,694	2,515	268	225	220	264	197	193
Violation of narcotic laws	947	1,462	3,622	202	583	314	265	184	159
Previously excluded or deported	4,002	3,601	4,089	393	526	236	202	130	120
Entry without proper documents	35,090	11,831	16,501	3,511	1,896	871	707	483	470
Other	3,389	891	337	48	30	22	24	16	19

No. 136. Immigration and Nationality Violations—Summary: 1960 to 1982

[For years ending June 30 except, beginning 1978, ending September 30]

ITEM	1960	1965	1970	1975	1978	1979	1980	1981	1982
Prosecutions disposed of	**2,773**	**3,714**	**6,034**	**14,172**	**16,796**	**17,398**	**14,863**	**16,005**	**14,138**
Immigration violations	2,589	3,288	5,510	13,947	16,445	16,970	14,498	15,602	13,712
Nationality violations	184	426	524	225	351	428	365	403	426
Convictions	**2,557**	**3,442**	**5,497**	**12,811**	**15,348**	**15,463**	**12,935**	**12,771**	**10,320**
Immigration violations	2,400	3,037	4,991	12,676	15,140	15,163	12,678	12,509	10,058
Percent of prosecutions	92.7	92.4	90.6	90.9	92.1	89.4	87.4	80.2	73.4
Nationality violations	157	405	506	135	208	300	257	262	262
Percent of prosecutions	85.3	95.1	96.6	60.0	59.3	69.6	72.3	65.0	61.5
Aggregate fines ($1,000)	39	126	250	755	786	607	822	673	878
Aggregate imprisonment (years)	1,994	3,422	4,042	5,313	7,597	7,868	6,361	5,605	4,892

Source of tables 135 and 136: U.S. Immigration and Naturalization Service, *Annual Report.*

No. 137. Immigration Border Patrol and Investigation Activities: 1965 to 1982

[**In thousands, except as indicated.** For years ending June 30 except, beginning 1977, ending September 30].

ITEM	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
BORDER PATROL										
Border patrol agents:										
Authorized (number)	1,505	1,724	1,803	2,058	2,057	2,189	2,339	2,484	2,444	2,486
On duty (number)	1,377	1,708	1,708	1,193	1,990	2,075	1,909	2,329	2,240	2,227
Border patrol obligations ($1,000)	18,753	28,447	55,254	61,692	70,644	72,231	71,021	82,534	87,387	100,362
Persons apprehended [1]	53.3	233.9	602.2	701.6	820.4	870.6	896.9	766.6	833.2	828.0
Deportable aliens located	52.4	231.1	596.8	696.0	812.6	862.3	888.7	759.4	825.3	819.9
Mexican	44.2	219.3	579.4	678.4	792.6	841.5	866.8	734.2	797.9	795.4
Canadian	5.8	7.8	7.3	5.9	5.8	6.5	5.7	5.3	5.8	5.7
Other	2.5	4.1	10.1	11.7	14.2	14.3	16.2	19.9	21.6	18.9
Smugglers of aliens located	(NA)	3.3	6.9	9.6	12.4	13.3	15.3	13.1	12.6	11.8
Smuggled aliens apprehended	1.8	18.7	80.4	82.9	138.8	159.2	172.7	112.6	90.1	80.4
Aliens located:										
Previously expelled	14.0	67.4	184.6	186.9	241.1	266.8	259.1	211.0	256.9	245.1
Previous criminal record	4.0	3.8	10.3	13.1	12.3	11.9	12.4	11.3	12.5	9.3
Conveyances examined	1,172	1,792	3,470	3,277	3,277	3,658	4,030	3,849	4,639	5,371
Automobiles	752	1,311	2,663	2,440	2,647	2,543	2,791	2,590	3,074	3,613
Persons questioned [2]	5,285	6,805	11,265	10,783	11,606	11,343	11,900	10,844	12,492	14,238
In automobiles	1,877	3,416	6,886	6,145	6,844	6,643	6,841	6,328	7,187	8,477
Pedestrians	2,065	1,661	2,056	2,293	2,333	2,186	2,314	1,706	1,862	1,965
Number of seizures	(NA)	320	917	701	736	564	421	1,920	2,441	4,033
Value of seizures ($1,000)	594	4,547	28,654	18,019	19,557	8,348	9,967	116,115	17,348	15,178
Narcotics ($1,000)	394	3,865	26,302	16,035	17,071	6,251	8,448	110,272	10,236	5,242
INVESTIGATION										
Deportable aliens located	57.9	114.1	169.8	179.9	229.7	195.7	187.7	150.9	128.1	142.8
Mexican	11.2	58.1	100.9	103.1	162.2	135.1	132.1	83.3	76.2	92.1
Canadian	2.3	3.5	.9	1.7	1.8	1.8	1.7	1.5	1.5	1.6
Other	44.4	52.5	68.0	75.1	65.7	58.8	53.9	66.1	50.4	49.1

NA Not available.
[1] Covers deportable aliens located and U.S. citizens engaged in smuggling or other immigration violations.
[2] Includes types not shown separately.

Source: U.S. Immigration and Naturalization Service, *Annual Report,* and unpublished data.

NO. 138. NONIMMIGRANTS ADMITTED, BY CLASSES: 1970 TO 1979

[**In thousands, except as noted.** For years ending **June 30** except, beginning **1977,** ending **September 30.** For definition of nonimmigrants, see text, p. 87. Excludes border crossers, crewmen, and insular travelers. See also *Historical Statistics, Colonial Times to 1970,* series C 149–157]

CLASS OF ADMISSION	1971–1975, avg.	1976–1979, avg.[1]	1970	1975	1976	1977	1978	1979[2]
Nonimmigrants	**5,909.0**	**8,692.2**	**4,431.9**	**7,083.9**	**7,654.5**	**8,036.9**	**9,343.7**	**7,060.1**
Temporary visitors, total	4,548.1	6,932.4	3,345.2	5,587.4	6,096.8	6,381.4	7,443.4	5,731.1
Percent of total	77.0	79.8	75.5	78.9	79.6	79.4	79.7	81.2
For pleasure	4,106.4	6,209.3	3,020.4	5,060.0	5,513.2	5,697.3	6,642.7	5,068.5
For business	441.7	723.2	324.8	527.4	583.6	684.1	800.7	662.6
Returning resident aliens[3]	695.6	977.6	493.5	800.0	844.3	897.7	1,053.6	790.9
Transit aliens	265.0	261.1	231.9	273.0	263.8	252.1	273.1	176.3
Foreign government officials[4]	62.0	76.9	50.5	68.4	77.0	71.2	83.8	48.2
Treaty traders and investors	32.7	45.8	19.2	35.0	37.4	44.0	50.4	37.0
Students[4]	109.4	159.6	107.3	118.0	133.0	171.0	206.7	120.6
Representatives to international organizations[4]	30.4	40.1	23.8	32.6	37.1	38.2	44.0	27.8
Temporary workers and industrial trainees	67.0	54.9	86.5	67.3	56.5	56.3	51.3	38.2
Workers of distinguished merit and ability	14.5	17.0	11.1	15.6	14.8	15.7	16.8	15.1
Other temporary workers	38.5	25.8	69.3	37.5	29.7	27.7	22.9	15.5
Industrial trainees	4.2	3.2	5.3	3.8	2.8	3.2	3.3	2.4
Their spouses and children	9.9	8.9	.8	10.6	9.2	9.7	8.3	5.3
Representatives of foreign information media	5.6	9.0	4.7	6.1	8.2	8.4	10.0	7.9
Exchange visitors[4]	66.1	50.2	66.6	63.4	62.8	71.5	75.1	42.3
NATO officials[4]	3.4	5.5	2.3	4.0	5.1	5.1	5.9	4.5
Fiances(ees) of U.S. citizens[5]	7.9	5.9	.1	6.4	6.2	7.2	6.4	7.6
Intracompany transferees[4]	15.9	19.1	.4	22.3	26.3	32.8	40.0	27.7

[1] Data for 1976–June 30, 1979. [2] Includes only 9 months; Oct. 1, 1978–June 30, 1979. [3] Returning resident aliens who have once been counted as immigrants are included with nonimmigrants. [4] Includes spouses and children. [5] Includes children of fiances(ees) of U.S. citizens.

NO. 139. NONIMMIGRANTS ADMITTED, BY COUNTRY OF BIRTH: 1971 TO 1979

[**In thousands.** For years ending **June 30** except, beginning **1977,** ending **September 30.** For definition of nonimmigrants, see text, p. 87. Excludes border crossers, crewmen, and insular travelers. Students and others entering with multiple entry documents are only counted on the first admission. Includes returning resident aliens admitted with documents in addition to the Alien Registration Receipt Card]

COUNTRY	1971–1975, avg.	1975	1977	1978	1979[1]	COUNTRY	1971–1975, avg.	1975	1977	1978	1979[1]
Total	**5,909**	**7,084**	**8,037**	**9,344**	**7,060**	**Europe**[2]	**1,914**	**2,076**	**2,451**	**3,020**	**2,289**
America[2]	**2,831**	**3,477**	**3,750**	**4,213**	**3,170**	Austria	29	32	38	46	34
Argentina	62	96	90	116	121	Belgium	34	37	48	62	50
Bahamas	83	71	87	108	74	Denmark	32	34	44	52	40
Brazil	71	93	68	86	64	France	191	191	246	283	203
Canada	193	223	275	262	207	Germany	345	385	450	550	421
Colombia	86	91	212	152	123	Greece	51	52	60	65	42
Dominican Republic	121	149	155	167	134	Ireland	51	48	53	66	47
Ecuador	32	38	59	78	54	Italy	173	171	183	220	160
Guatemala	31	33	50	58	50	Netherlands	88	98	126	159	121
Haiti	33	43	52	62	37	Norway	38	41	50	56	42
Jamaica	106	124	128	143	98	Poland	31	42	39	49	42
Mexico	1,537	1,997	1,990	2,150	1,574	Portugal	38	43	48	56	31
Panama	28	29	36	41	28	Spain	60	68	86	99	78
Peru	40	47	47	45	35	Sweden	57	65	86	103	101
Trinidad and Tobago	42	43	52	62	42	Switzerland	61	73	98	116	93
Venezuela	71	87	176	247	170	U.S.S.R.[4]	12	16	16	19	18
						United Kingdom	533	582	665	878	664
Asia[2]	**930**	**1,260**	**1,461**	**1,692**	**1,296**	Yugoslavia	24	27	30	35	25
China[3]	53	63	80	91	70						
Hong Kong	20	28	30	37	23	**Africa**	**71**	**89**	**130**	**165**	**115**
India	56	69	80	101	76	**Australia and New Zealand**	**124**	**149**	**210**	**161**	**174**
Iran	24	35	98	131	66	**Other countries**	**41**	**33**	**35**	**93**	**16**
Israel	37	46	57	63	47						
Japan	565	810	807	892	729						
Korea	25	31	45	53	43						
Philippines	57	65	82	101	83						

[1] Includes only 9 months; Oct. 1, 1978–June 30, 1979. [2] Includes countries not shown separately.
[3] Includes Taiwan. [4] Europe and Asia.

Source of tables 138 and 139: U.S. Immigration and Naturalization Service, *Annual Report.*

No. 140. Aliens Reporting Under Alien Address Program: 1960 to 1980

(In thousands, except percent. See text, p. 88 for alien registration)

NATIONALITY	1960	1970	1979	1980	
				Number	Percent
Total	**2,949**	**4,247**	**5,058**	**5,381**	**100.0**
Canada	295	428	296	338	6.3
China[1]	48	107	183	171	3.2
Colombia	12	59	61	89	1.7
Cuba	63	433	338	334	6.2
Dominican Republic	(NA)	72	120	135	2.5
Ecuador	6	31	52	56	1.0
France	35	47	49	37	.7
Germany	263	229	167	162	3.0
Greece	49	73	64	57	1.1
India	10	42	126	130	2.4
Ireland	68	52	31	27	.5
Italy	257	247	189	177	3.3
Jamaica	(NA)	60	92	95	1.8
Japan	72	82	105	110	2.0
Korea	10	31	170	182	3.4
Mexico	510	734	1,041	1,059	19.7
Netherlands	40	48	36	36	.7
Philippines	61	125	238	247	4.6
Poland	167	124	86	87	1.6
Portugal	32	81	134	135	2.5
United Kingdom	227	330	311	313	5.8
Vietnam	(NA)	4	134	199	3.7
Yugoslavia	51	43	32	34	.6
All other	673	765	983	1,171	21.7

STATE OR AREA OF RESIDENCE	1960	1970	1979	1980	
				Number	Percent
Total	**2,949**	**4,247**	**5,058**	**5,381**	**100.0**
Arizona	35	49	67	72	1.3
California	567	982	1,317	1,440	26.8
Colorado	20	23	35	38	.7
Connecticut	75	109	95	97	1.8
Florida	84	290	376	413	7.7
Hawaii	51	53	70	73	1.4
Illinois	199	264	290	307	5.7
Indiana	29	30	33	35	.7
Louisiana	13	23	35	37	.7
Maryland	28	48	57	67	1.3
Massachusetts	128	169	167	178	3.3
Michigan	142	146	136	142	2.6
New Jersey	151	233	269	276	5.1
New York	554	821	763	801	14.9
Ohio	109	98	86	88	1.6
Oregon	18	24	35	37	.7
Pennsylvania	126	110	110	115	2.1
Rhode Island	18	26	33	35	.7
Texas	238	258	425	468	8.7
Virginia	19	31	55	60	1.1
Washington	51	63	77	84	1.6
Wisconsin	35	35	32	34	.6
All other[2]	259	362	495	484	9.0

NA Not available. [1] Includes Taiwan. [2] Includes Puerto Rico, Virgin Islands, Guam, and those whose addresses were unidentified.

Source: U.S. Immigration and Naturalization Service, *Annual Report.*

No. 141. Alien Naturalization—Declarations, Petitions, and Certificates: 1907 to 1980

[In thousands. For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** National data not compiled prior to 1907. Includes U.S. outlying areas. See also *Historical Statistics, Colonial Times to 1970,* series C 168 and C 180]

PERIOD OR YEAR	Declarations filed[1]	PETITIONS[2]		CERTIFICATES ISSUED				
		Filed	Denied	Total	Status		Sex	
					Civilian	Military	Male	Female
Total, 1907–1980	**8,804.8**	**10,934.6**	**491.6**	**[3] 10,294.4**	**9,679.6**	**614.8**	**4,769.5**	**3,932.1**
1907–1910	526.3	164.0	17.7	111.7	111.7	-	(NA)	(NA)
1911–1920	2,686.9	1,381.4	118.7	1,129.0	884.7	244.3	(NA)	(NA)
1921–1930	2,709.0	1,884.3	165.5	[3] 1,773.2	1,717.0	56.2	[4] 1,166.2	[4] 255.2
1931–1940	1,369.5	1,637.1	45.8	1,518.5	1,498.6	19.9	968.4	550.1
1941–1950	920.3	1,938.1	64.8	1,987.0	1,837.2	149.8	941.5	1,045.5
1951–1960	323.8	[5] 1,230.5	27.6	[5] 1,169.9	1,148.2	41.7	503.5	686.4
1961–1970	144.9	1,143.0	23.6	1,120.3	1,084.2	36.1	513.5	606.8
1971–1980	124.1	1,556.3	28.0	1,464.8	1,397.9	66.9	676.5	788.2
1950	93.5	66.0	2.3	66.4	64.3	2.1	25.7	40.6
1955	10.9	[5] 213.5	4.6	[5] 209.6	197.6	12.0	95.9	113.7
1960	16.3	127.5	2.3	119.4	117.8	1.6	50.9	68.5
1965	13.1	106.8	2.1	104.3	101.2	3.1	48.5	55.8
1970	18.8	114.8	2.0	110.4	99.8	10.6	52.7	57.7
1972	21.2	121.9	1.8	116.2	107.7	8.5	55.4	60.8
1973	17.4	126.9	1.7	120.7	112.9	7.8	56.9	63.8
1974	14.0	136.2	2.2	131.7	124.9	6.8	60.8	70.8
1975	12.2	149.4	2.3	141.5	135.3	6.2	66.6	75.0
1976	10.7	157.9	2.2	142.5	136.9	5.6	66.0	76.5
1977	7.5	186.4	2.8	159.9	154.7	5.3	73.4	86.5
1978	7.3	168.9	3.9	173.5	168.4	5.1	78.7	94.8
1979	6.0	165.4	4.0	164.2	158.3	5.9	74.7	89.4
1980	5.4	192.2	4.4	157.9	153.3	4.6	70.7	87.3

- Represents zero. NA Not available. [1] Declaration of intention to become citizen.
[2] Petition for naturalization. [3] Includes certificates not distributed by sex.
[4] 1923–1930 only. [5] Includes aliens serving in U.S. Armed Forces who were naturalized abroad.

Source: U.S. Immigration and Naturalization Service, *Annual Report.*

No. 142. Aliens Naturalized—Characteristics: 1960 to 1980

[For years ending **June 30** except, beginning **1977**, ending **September 30.** Includes U.S. outlying areas. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970,* series C 162-167 and C 170-171]

CHARACTERISTIC	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Total naturalized	**119,442**	**104,299**	**110,399**	**131,655**	**141,537**	**142,504**	**159,887**	**173,535**	**164,150**	**157,938**
Under general naturalization provisions [1]	91,548	76,630	79,761	103,450	113,289	114,653	131,331	143,133	132,533	129,404
Under special provisions	27,894	27,669	30,638	28,205	28,248	27,851	28,556	30,402	31,617	28,534
Married to U.S. citizens	19,799	16,602	14,899	14,768	15,416	15,138	15,394	16,207	15,293	13,904
Children of U.S. citizens [2]	6,149	7,914	5,023	6,511	6,568	7,038	7,787	9,035	10,408	9,960
Filipinos [3]	88	3	-	1	-	-	-	-	1	1
Military	1,594	3,085	10,616	6,848	6,214	5,631	5,305	5,126	5,874	4,595
Other	264	65	100	77	50	44	70	34	41	74
By sex and marital status:										
Males [4]	50,896	48,495	52,666	60,823	66,587	66,007	73,377	78,746	74,706	70,653
Single	14,341	15,358	14,196	16,946	17,789	16,973	18,709	20,186	20,445	18,296
Married	34,517	31,766	36,979	41,982	46,723	46,898	52,342	55,569	51,168	49,243
Widowed	1,183	593	397	423	401	370	381	406	427	523
Divorced	852	773	1,088	1,472	1,674	1,766	1,945	2,585	2,666	2,591
Females [4]	68,546	55,804	57,733	70,832	74,950	76,497	86,496	94,789	89,444	87,285
Single	10,330	11,746	11,458	14,964	15,392	15,977	17,677	19,641	19,716	18,652
Married	52,252	40,483	42,128	50,880	54,487	55,308	62,687	68,591	62,957	61,296
Widowed	4,694	2,416	2,240	2,298	2,171	2,082	2,343	2,322	2,476	2,884
Divorced	1,262	1,156	1,001	2,690	2,900	3,130	3,589	4,235	4,293	4,453
Males per 1,000 females	743	869	912	859	888	863	848	831	835	809
Median age (years)	38.0	34.1	35.1	35.1	34.9	35.2	35.4	35.3	34.7	35.1
Male (years)	38.9	34.6	35.4	35.7	35.7	36.0	36.0	35.9	35.1	35.8
Female (years)	37.3	33.7	34.8	34.6	34.3	34.5	34.8	34.8	34.5	34.7

- Represents zero. [1] See text, p. 88. [2] Includes adopted children.
[3] With U.S. residence beginning prior to May 1, 1934. [4] Through 1970 includes status unknown, not shown separately.

No. 143. Aliens Naturalized, by Country of Former Allegiance, and by State of Residence: 1970 to 1980

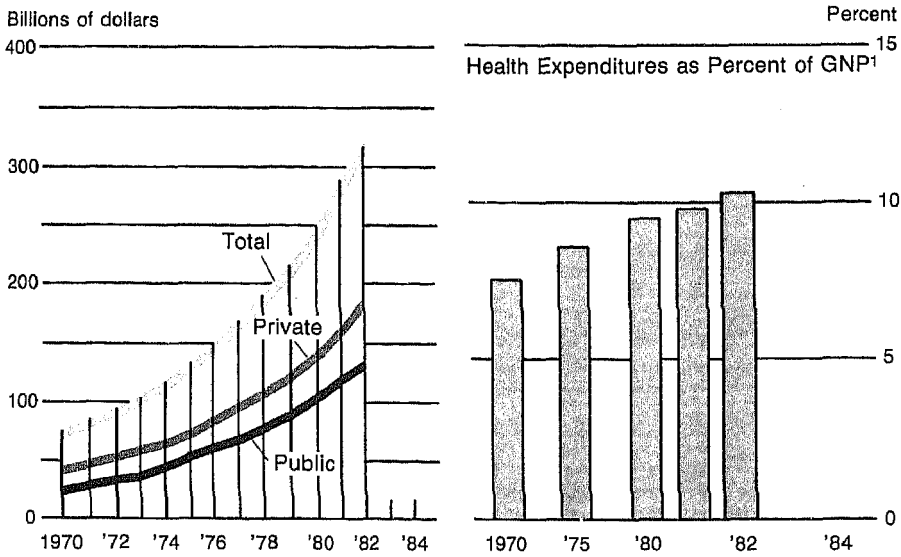
[For years ending **June 30** except, beginning **1980**, ending **September 30.** Includes U.S. outlying areas. See also *Historical Statistics, Colonial Times to 1970,* series C 169-179]

COUNTRY OF FORMER ALLEGIANCE	1970	1975	1980		STATE OR AREA OF RESIDENCE	1970	1975	1980	
			Number	Percent				Number	Percent
Total	**110,399**	**141,537**	**157,938**	**100.0**	**Total**	**110,399**	**141,537**	**157,938**	**100.0**
Canada	6,340	3,548	2,823	1.8	Arizona	1,007	1,088	1,044	.7
Central America [1]	2,480	2,773	4,195	2.7	California	20,054	26,834	39,424	25.0
China [2]	3,099	9,693	12,524	7.9	Colorado	716	878	1,478	.9
Colombia	970	1,699	2,940	1.9	Connecticut	2,444	3,509	2,575	1.6
Czechoslovakia	506	1,738	775	.5	Florida	11,556	10,576	11,417	7.2
Egypt	377	1,988	1,213	.8	Georgia	873	853	985	.6
Germany	10,067	5,187	2,922	1.9	Hawaii	2,658	3,094	3,473	2.2
Greece	2,906	6,647	3,685	2.3	Illinois	6,823	9,707	8,039	5.1
India	325	2,720	6,552	4.1	Indiana	749	1,113	1,086	.7
Italy	7,892	8,798	5,410	3.4	Maryland	1,855	2,227	3,610	2.3
Israel	1,516	1,844	1,280	.8	Massachusetts	3,813	5,448	6,269	4.0
Korea	1,687	6,007	14,703	9.3	Michigan	2,865	3,674	3,714	2.4
Mexico	6,195	5,781	9,341	5.9	Minnesota	515	1,011	1,515	1.0
Philippines	5,469	15,330	17,683	11.2	Missouri	744	983	1,062	.7
Poland	3,426	3,069	1,996	1.3	New Jersey	6,633	8,207	11,465	7.3
Portugal	1,374	3,728	3,631	2.3	New York	21,684	31,700	29,557	18.7
United Kingdom [3]	7,549	8,532	7,282	4.6	Ohio	2,589	3,741	2,916	1.8
Vietnam	282	1,369	1,828	1.2	Oregon	481	734	1,173	.7
Caribbean [1]	22,675	22,692	25,426	16.1	Pennsylvania	3,169	3,499	4,192	2.7
Cuba	20,888	15,546	12,717	8.1	Texas	4,858	4,569	4,705	3.0
Dominican Rep	538	1,518	3,392	2.1	Virginia	1,509	2,207	1,653	1.0
Haiti	433	1,966	1,748	1.1	Washington	1,352	2,124	2,222	1.4
Jamaica	479	2,152	5,840	3.7	Wisconsin	913	992	1,237	.8
Other Caribbean	337	1,510	1,729	1.1	Guam	556	1,130	812	.5
Yugoslavia	1,725	3,273	2,021	1.3	Puerto Rico	1,535	1,625	1,265	.8
Other	23,539	25,131	29,708	18.8	Other	8,448	10,014	11,050	7.0

[1] Independent countries. [2] Includes Taiwan. [3] Includes colonies and dependencies.

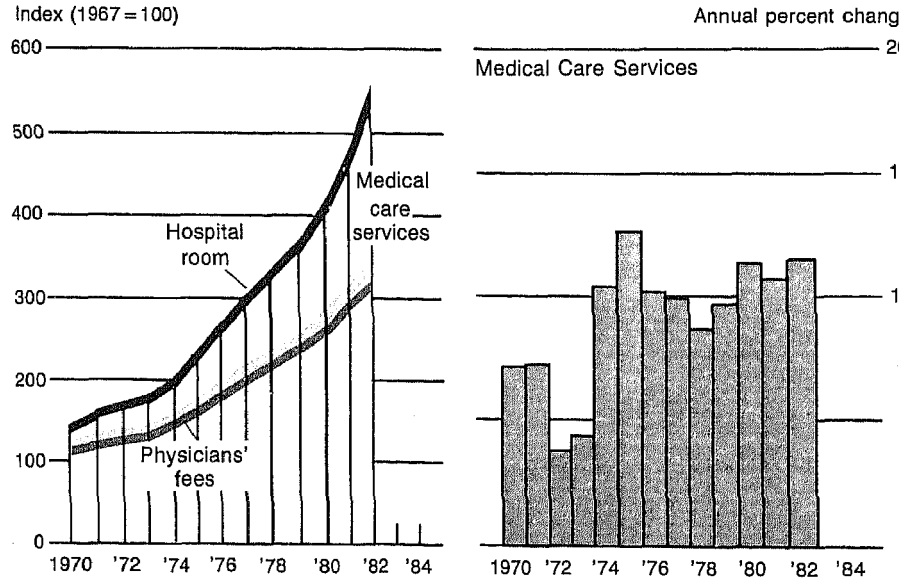
Source of tables 142 and 143: U.S. Immigration and Naturalization Service, *Annual Report,* and releases.

Figure 4.1
National Health Expenditures: 1970 to 1982



[1] Gross national product.
Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 144 and 145.

Figure 4.2
Indexes of Medical Care Prices: 1970 to 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 154.



Section 4

Health and Nutrition

This section presents statistics on health expenditures and insurance coverage; medical personnel; hospitals; nursing homes and other care facilities; incidence of acute and chronic conditions; nutritional intake of the population; per capita food consumption; and Federal food programs. Summary statistics showing recent trends on health care and discussions of selected health issues are published annually by the U.S. National Center for Health Statistics (NCHS) in *Health, United States.* Data on national health expenditures, medical costs, and insurance coverage are compiled by the U.S. Health Care Financing Administration (HCFA), and appear in the *Health Care Financing Review*, issued quarterly. Statistics on health personnel and inpatient and outpatient facilities are collected by NCHS and are published in series 14 of *Vital and Health Statistics.* Statistics on hospitals are published annually by the American Hospital Association in *Hospital Statistics.* Primary sources for data on nutrition and Federal food programs are the quarterly *National Food Review* and the annual *Agricultural Statistics,* both issued by the U.S. Department of Agriculture. In addition, NCHS conducts periodic surveys of nutrient levels in the population and clinical signs of malnutrition.

National health expenditures.—The HCFA compiles estimates of national health expenditures (NHE) to measure spending for health care in the U.S. The NHE accounts are structured to show spending by type of expenditure (i.e., hospital care, physician care, dental care, other professional care, drugs and medical sundries, medical durable equipment, nursing home care and other personal health expenditures, plus non-personal health expenditures for such items as public health, research, construction of medical facilities, and administration) and by source of funding (e.g., private health insurance, out-of-pocket payments, and a range of public programs including Medicare, Medicaid and Veterans Administration (VA)).

In all cases except private insurance (HCFA conducts its own survey of part of the health insurance industry), data used to estimate health expenditures come from existing sources which are tabulated for other purposes. The type of expenditure estimates rely upon statistics produced by such groups as the American Hospital Association, the Internal Revenue Service, the Department of Commerce, and the Department of Health and Human Services (HHS). Source of funding estimates are constructed using administrative and statistical records from: the Medicare and Medicaid programs, the Department of Defense and VA medical programs, the Social Security Administration, Census Bureau's *Governmental Finances,* State and local governments, and other HHS agencies. Detailed descriptions of sources and methods, along with the most recent analysis of health care expenditure estimates, are published in the *Health Care Financing Review's* annual article on national health expenditures.

Health resources.—Hospital statistics based on data from the American Hospital Association's yearly survey are published annually in *Hospital Statistics,* and cover all hospitals accepted for registration by the Association. To be accepted for registration, a hospital must meet certain requirements relating to number of beds, construction, equipment, medical and nursing staff, patient care, clinical records, surgical and obstetrical facilities, diagnostic and treatment facilities, laboratory services, etc. Data obtained from NCHS cover all U.S. hospitals which meet certain criteria for inclusion. They are published in *Vital and Health Statistics* reports, series 14. In these reports, a hospital is defined as a facility with at least six inpatient beds that is licensed as a hospital by a State, or is operated as a hospital by a Federal or State agency.

Statistics on the demographic characteristics of persons employed in the health occupations are based on data compiled by the U.S. Bureau of Labor Statistics and reported in *Employment and Earnings* (monthly). Data based on sample surveys of health personnel and utilization of health facilities providing long-term care, ambulatory care, and hospital care are presented in NCHS series 13 and series 14, *Health Resources Utilization Data* and *Manpower and Facilities Data.* Statistics on patient visits to health care providers, as reported in health interviews, appear in NCHS series 10, *Health Interview Survey.*

The Health Care Financing Administration's *Health Care Financing Review, Health Care Financing Program Statistics* and *Notes* series present data for hospitals and nursing homes as well as extended care facilities and home health agencies. These data are based on records of the Federal Health Insurance for the Aged and Disabled program (Medicare) and differ from those of other sources because they are limited to facilities meeting Federal eligibility standards for participation in Medicare.

Data on patients in hospitals for the mentally ill and on mental health facilities are collected by the National Institute of Mental Health (NIMH) and appear in the *Mental Health Statistics* reports, series A and B, and the Mental Health Statistical Note series.

Institutional population data based on the decennial censuses of the population include information on persons in hospitals, in homes for the aged and dependent, and in other group quarters (see tables 77 and 78).

Disability and illness.—General health statistics, including morbidity, disability, injuries, preventive care, and findings from physiological and psychological testing, are collected by NCHS in its National Health Interview Survey and its National Health and Nutrition Examination Surveys and appear in *Vital and Health Statistics,* series 10 and 11, respectively. Morbidity data for members of the Armed Services are prepared and published by the Departments of the Army, Navy, and Air Force. The Department of Labor compiles statistics on industrial injuries (see Section 14). Annual incidence data on notifiable diseases are compiled by the Public Health Service (PHS) at its Centers for Disease Control in Atlanta, Georgia, and are published as a supplement to its *Morbidity and Mortality Weekly Report.* The list of diseases is revised annually and includes those which, by mutual agreement of the States and PHS, are communicable diseases of national importance.

Nutrition.—Statistics on annual per capita consumption of food and its nutrient value are estimated by the U.S. Department of Agriculture and published in *National Food Review.* Historical data can be found in *Food Consumption, Prices, and Expenditures,* issued annually. Data on the Federally Funded Food Distribution Program for Needy Families and Children, the National School Lunch Program, the Special Milk Program, and the Food Stamp Program are published annually in *Agricultural Statistics.*

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to data from NCHS and the Health Care Financing Administration, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

NO. **144.** NATIONAL HEALTH EXPENDITURES: 1950 TO 1982

YEAR	TOTAL [1]			HEALTH SERVICES AND SUPPLIES							
				Private				Public			
					Direct patient payments			Total [5]		Medical payments	
	Total (bil. dol.)	Per capita (dol.)	Percent of GNP [2]	Total [3] (bil. dol.)	Total (bil. dol.)	Percent of total private	Insurance premiums [4] (bil. dol.)	Total (bil. dol.)	Percent of total health exp.	Medicare (bil. dol.)	Public assistance (bil. dol.)
1950	12.7	82	4.4	8.9	7.1	80.3	1.3	2.8	22.0	(X)	.1
1955	17.7	105	4.4	12.9	9.1	70.9	3.2	4.0	22.6	(X)	.2
1960	26.9	146	5.3	19.6	13.0	66.3	5.8	5.6	20.8	(X)	.5
1965	41.7	211	6.0	29.5	18.5	62.8	10.0	8.8	21.0	(X)	2.1
1970	74.7	358	7.5	44.3	26.0	58.7	17.1	25.0	33.4	7.5	6.3
1971	83.3	394	7.7	48.7	27.8	57.1	19.5	28.4	34.1	8.3	8.1
1972	93.5	438	7.9	54.8	31.0	56.5	22.4	32.1	34.3	9.1	9.1
1973	103.2	478	7.8	60.6	34.2	56.5	24.8	35.7	34.6	10.1	10.3
1974	116.4	535	8.1	66.0	36.4	55.2	27.8	43.0	36.9	13.1	12.1
1975	132.7	604	8.6	73.2	39.0	53.2	32.4	51.1	38.5	16.3	15.1
1976	149.7	674	8.7	83.2	43.0	51.7	38.2	57.4	38.4	19.3	16.9
1977	169.2	755	8.8	95.7	48.7	50.9	44.6	64.4	38.1	22.5	18.9
1978	189.3	836	8.8	106.3	54.1	50.9	49.7	73.3	38.7	25.9	21.1
1979	215.0	938	8.9	120.6	61.8	51.2	55.9	83.8	39.0	30.3	24.3
1980	249.0	1,075	9.5	139.3	72.1	51.8	63.6	97.9	39.3	36.8	28.5
1981	286.6	1,225	9.8	159.3	82.1	51.5	73.2	114.2	39.8	44.8	32.3
1982	322.4	1,365	10.5	179.5	90.4	50.4	84.2	128.7	39.9	52.2	36.0

X Not applicable. [1] Includes medical research and medical facilities construction. [2] GNP = Gross national product; see Section 15. [3] Includes other sources of funds not shown separately. [4] See footnote 3, table 145. [5] Includes other programs, not shown separately.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review,* Fall 1983.

NO. 145. NATIONAL HEALTH EXPENDITURES, BY TYPE: 1970 TO 1982

[In millions of dollars, except percent. See also *Historical Statistics, Colonial Times to 1970*, series B 248-261]

TYPE OF EXPENDITURE	1970	1975	1976	1977	1978	1979	1980	1981	1982
Total	74,663	132,720	149,655	169,248	189,312	214,952	248,967	286,616	322,393
Average annual percent change [1]	[2] 12.3	12.2	12.8	13.1	11.9	13.5	15.8	15.1	12.5
Private expenditures	46,871	76,540	86,718	99,140	109,785	124,389	143,553	164,420	185,563
Health services and supplies	44,311	73,205	83,205	95,674	106,251	120,627	139,264	159,309	179,529
Direct patient payments	26,024	38,979	43,007	48,707	54,089	61,806	72,088	82,079	90,446
Insurance premiums [3]	17,075	32,437	38,172	44,619	49,679	55,859	63,624	73,184	84,245
Other	1,213	1,788	2,026	2,348	2,483	2,962	3,552	4,046	4,838
Medical research	215	264	267	273	282	302	322	339	333
Medical facilities construction	2,345	3,072	3,246	3,193	3,251	3,460	3,967	4,772	5,701
Public expenditures	27,792	56,180	62,937	70,109	79,528	90,573	105,414	122,196	136,830
Percent Federal of public	63.6	66.0	67.6	67.6	67.7	67.4	67.4	66.5	66.0
Health services and supplies	24,952	51,115	57,421	64,404	73,274	83,835	97,875	114,161	128,745
Medicare [4]	7,500	16,317	19,303	22,524	25,932	30,333	36,828	44,772	52,172
Temporary disability insurance [5]	66	73	71	74	80	58	52	54	56
Workers' compensation (medical) [5]	1,408	2,430	2,756	3,129	3,476	4,494	5,042	5,713	6,054
Public assistance medical payments [6]	6,321	15,098	16,852	18,858	21,118	24,340	28,473	32,325	36,048
Defense Dept. hospital, medical	1,782	2,830	2,964	3,062	3,441	3,779	4,233	5,031	5,567
Maternal, child health programs	429	589	641	683	726	767	812	861	896
Public health activities	1,420	3,157	3,813	4,320	5,327	6,243	7,007	7,699	8,641
Veterans' hospital, medical care	1,764	3,495	4,152	4,400	4,984	5,313	5,941	6,659	7,086
Medical vocational rehabilitation	149	224	224	250	259	279	281	285	318
State and local hospitals [7]	3,347	5,050	4,688	4,950	5,418	5,615	6,213	7,747	8,600
Other [8]	767	1,848	1,955	2,152	2,508	2,610	2,994	3,016	3,307
Medical research	1,754	3,071	3,434	3,646	4,162	4,483	5,006	5,314	5,555
Medical facilities construction	1,086	1,994	2,083	2,059	2,092	2,255	2,532	2,721	2,530

[1] Change from prior year shown, except as noted. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Change from 1965. [3] Covers insurance benefits and amount retained by insurance companies for expenses, additions to reserves, and profits (net cost of insurance). [4] Represents expenditures for benefits and administrative cost from Federal hospital and medical insurance trust funds under old-age, survivors, disability, and health insurance programs; see text, p. 365. [5] Includes medical benefits paid under public law by private insurance carriers and self-insurers. [6] Payments made directly to suppliers of medical care. (Primarily Medicaid.) [7] Expenditures not offset by other revenues. [8] Covers expenditures for Alcohol, Drug Abuse, and Mental Health Administration; Indian Health Service; school health and other programs.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1983.

NO. 146. NATIONAL HEALTH EXPENDITURES, BY OBJECT: 1970 TO 1982

[See also *Historical Statistics, Colonial Times to 1970*, series B 221-235]

OBJECT OF EXPENDITURE	EXPENDITURE (bil. dol.)							PERCENT			
	1970	1975	1978	1979	1980	1981	1982	1970	1975	1980	1982
Total	74.7	132.7	189.3	215.0	249.0	286.6	322.4	100.0	100.0	100.0	100.0
Spent by—											
Consumers	43.1	71.4	103.8	117.7	135.7	155.3	174.7	57.7	53.8	54.5	54.2
Government	27.8	56.2	79.5	90.6	105.4	122.2	136.8	37.2	42.3	42.3	42.4
Philanthropy and industry	3.8	5.1	6.0	6.7	7.8	9.2	10.9	5.1	3.9	3.1	3.4
Spent for—											
Health services and supplies	69.3	124.3	179.5	204.5	237.1	273.5	308.3	92.8	93.7	95.2	95.6
Personal health care expenses	65.1	116.8	166.7	188.9	219.4	254.6	286.9	87.3	88.0	88.1	89.0
Hospital care	27.8	52.1	75.7	86.1	100.4	118.0	135.5	37.2	39.3	40.3	42.0
Physicians' services	14.3	24.9	35.8	40.2	46.8	54.8	61.8	19.2	18.8	18.8	19.2
Dentists' services	4.7	8.2	11.8	13.3	15.4	17.3	19.5	6.4	6.2	6.2	6.0
Other professional services [1]	1.6	2.6	4.1	4.7	5.6	6.4	7.1	2.1	2.0	2.3	2.2
Drugs and sundries	8.0	11.9	15.4	17.2	19.3	21.3	22.4	10.7	9.0	7.8	6.9
Eyeglasses and appliances [2]	1.9	3.2	4.1	4.6	5.1	5.7	5.7	2.6	2.4	2.1	1.8
Nursing home care	4.7	10.1	15.2	17.6	20.6	24.2	27.3	6.3	7.6	8.3	8.5
Other health services	*2.1*	*3.7*	*4.5*	*5.1*	*6.0*	6.9	7.6	2.8	2.8	2.4	2.4
Net cost of insurance and administration [3]	2.7	4.4	7.5	9.3	10.7	11.1	12.7	3.6	3.3	4.3	3.9
Government public health activities	1.4	3.2	5.3	6.2	7.0	7.7	8.6	1.9	2.4	2.8	2.7
Research	2.0	3.3	4.4	4.8	5.3	5.7	5.9	2.6	2.5	2.1	1.8
Construction	3.4	5.1	5.3	5.7	6.5	7.5	8.2	4.6	3.8	2.6	2.6

[1] Includes services of registered and practical nurses in private duty, visiting nurses, podiatrists, physical therapists, clinical psychologists, chiropractors, naturopaths, and Christian Science practitioners. [2] Includes fees of optometrists and expenditures for hearing aids, orthopedic appliances, artifical limbs, crutches, wheelchairs, etc. [3] Administrative expenses of federally financed health programs.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1983.

No. 147. Health Services and Supplies—Per Capita National and Private Consumer Expenditures, by Object: 1970 to 1982

[**In dollars, except percent.** Based on Bureau of the Census data for total U.S. population as of July 1, including Armed Forces and Federal employees abroad and civilian population of outlying areas. Excludes research and construction. See also *Historical Statistics, Colonial Times to 1970*, series B 222-232]

OBJECT OF EXPENDITURE	1970	1975	1976	1977	1978	1979	1980	1981	1982
Total, national	**332**	**565**	**633**	**714**	**792**	**893**	**1,024**	**1,169**	**1,305**
Average annual percent change [1]	11.4	11.3	12.1	12.7	10.8	12.7	14.7	14.2	11.7
Hospital care	133	237	270	302	334	376	433	504	574
Physicians' services	69	113	124	142	158	176	202	234	262
Dentists' services	23	37	43	47	52	58	67	74	82
Other professional services [2]	8	12	14	16	18	21	24	27	30
Drugs and drug sundries	38	54	59	63	68	75	83	91	95
Eyeglasses and appliances [2]	9	14	15	16	18	20	22	25	24
Nursing home care	23	46	51	59	67	77	89	103	116
Other health services	10	17	17	18	20	22	26	29	32
Net cost of insurance and administration [2]	13	20	23	31	33	41	46	48	54
Government public health activities	7	14	17	19	24	27	30	33	37
Total, private consumer	**207**	**325**	**366**	**416**	**458**	**514**	**586**	**664**	**740**
Hospital care	61	103	120	134	148	169	193	224	260
Physicians' services	54	84	92	106	117	129	148	170	189
Dentists' services	22	35	40	45	50	56	64	71	79
Other professional services [2]	6	9	11	12	14	15	18	20	21
Drugs and drug sundries	36	50	54	57	62	69	76	83	86
Eyeglasses and appliances [2]	9	13	14	15	17	18	20	22	20
Nursing home care	11	20	23	26	30	33	39	47	51
Net cost of insurance	7	11	12	21	21	25	29	27	33

[1] Change from prior year shown; for 1970 from 1965. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] See footnotes for corresponding objects in table 146.

No. 148. Personal Health Care—Third Party Payments and Private Consumer Expenditures: 1970 to 1982

[**In millions of dollars, except percent**]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982
Personal health care expenditures [1]	65,148	116,756	148,697	166,671	188,936	219,389	254,650	286,894
Third party payments, total	**39,125**	**77,777**	**99,990**	**112,562**	**127,130**	**147,301**	**172,571**	**196,448**
Percent of total health care	60.1	66.6	67.2	67.5	67.3	67.1	67.8	68.5
Private insurance payments	15,619	30,072	40,013	45,044	50,176	56,994	66,773	76,551
Government expenditures	22,472	46,126	57,895	65,316	74,328	87,182	102,250	115,686
Philanthropy and industry	1,034	1,578	2,081	2,222	2,626	3,125	3,549	4,211
Private consumer expenditures [2]	**41,642**	**69,051**	**88,721**	**99,133**	**111,982**	**129,081**	**148,851**	**166,997**
Percent met by private insurance	37.5	43.6	45.1	45.4	44.8	44.2	44.9	45.8
Hospital care	12,700	22,696	30,138	33,625	38,651	44,628	52,440	61,310
Percent met by private insurance	78.2	81.3	79.2	80.7	78.0	75.5	75.1	73.3
Physicians' services	11,330	18,389	23,796	26,575	29,524	34,294	39,694	44,727
Percent met by private insurance	42.9	50.9	52.3	50.7	49.3	48.0	47.9	48.5

[1] See headnote, table 149. [2] Includes expenditures not shown separately. Excludes net cost of insurance.

No. 149. Personal Health Care Expenditures, by Object and Source of Payment: 1982

[**In millions of dollars, except as indicated.** Covers all expenditures for health services and supplies, except net cost of insurance and administration, government public health activities, and expenditures of philanthropic agencies for fund raising activities]

SOURCE	TOTAL EXPENDITURES		Hospital care	Physicians' services	Dentists' services	Other professional services	Drugs and drug sundries	Eyeglasses and appliances	Nursing home care	Other health services
	Total	Per capita [1] (dol.)								
Total	**286,894**	**1,215**	**135,531**	**61,792**	**19,473**	**7,115**	**22,373**	**5,659**	**27,332**	**7,619**
Direct patient payments	90,446	383	16,366	23,052	13,445	3,601	17,631	4,423	11,928	-
Third party payments	196,448	832	119,165	38,740	6,028	3,514	4,742	1,236	15,404	7,619
Private health insurance	76,551	324	44,944	21,676	5,248	1,261	2,801	389	234	-
Government	115,686	490	71,989	17,028	780	2,187	1,941	848	15,000	5,913
Philanthropy and industry	4,211	18	2,232	37	-	66	-	-	171	1,707
Private [2]	**171,209**	**725**	**63,542**	**44,764**	**18,693**	**4,928**	**20,432**	**4,812**	**12,332**	**1,707**

- Represents zero. [1] For basis of per capita figures, see headnote, table 147. [2] Covers direct patient payments, private health insurance, and philanthropy and industry.

Source of tables 147-149: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1983.

NO. 150. PERSONAL HEALTH CARE EXPENDITURES, BY STATE: 1978

[**In millions of dollars, except as indicated.** Distribution of expenditures by region, division, and State represents location of provider of the service. Per capita figures cannot be interpreted directly as spending per resident, unless substantially all of the services provided in a State are consumed by residents of that State. For definition of personal health care expenditures, see headnote, table 149]

REGION, DIVISION, AND STATE	Total [1]	Hospital care	Physicians' services	Nursing home care	Per capita expenditures (dol.)	DIVISION AND STATE	Total [1]	Hospital care	Physicians' services	Nursing home care	Per capita expenditures (dol.)
U.S	**165,518**	**74,849**	**35,801**	**15,209**	**745**	**S.A**	**24,489**	**11,131**	**5,707**	**1,581**	**682**
Regions:						Del	432	205	87	36	722
Northeast	39,631	19,068	7,403	4,397	805	Md	3,133	1,493	677	235	744
No. Central	44,313	20,444	9,174	4,674	757	D.C	1,136	747	208	18	[2]
South	48,272	21,736	10,873	3,672	661	Va	3,316	1,485	790	235	628
West	33,302	13,601	8,351	2,465	806	W. Va	1,174	611	237	48	611
						N.C	3,307	1,430	706	253	576
N.E	**10,307**	**4,963**	**1,781**	**1,353**	**838**	S.C	1,585	687	313	127	521
Maine	739	331	134	108	662	Ga	3,410	1,495	789	273	645
N.H	541	228	119	53	605	Fla	6,996	2,979	1,899	357	766
Vt	314	135	45	48	630						
Mass	5,368	2,811	848	673	935	**E.S.C**	**8,780**	**4,101**	**1,808**	**688**	**610**
R.I	787	373	140	116	822	Ky	1,959	875	377	193	542
Conn	2,560	1,085	496	355	827	Tenn	3,010	1,430	675	180	675
						Ala	2,428	1,170	482	193	633
M.A	**29,324**	**14,105**	**5,622**	**3,044**	**794**	Miss	1,384	627	274	121	556
N.Y	15,211	7,369	2,801	1,785	858						
N.J	5,140	2,160	1,201	411	699	**W.S.C**	**15,004**	**6,504**	**3,357**	**1,404**	**660**
Pa	8,974	4,576	1,620	847	756	Ark	1,311	538	271	165	585
						La	2,612	1,218	577	207	641
E.N.C	**31,483**	**14,614**	**6,625**	**3,054**	**758**	Okla	1,934	825	411	214	664
Ohio	7,964	3,602	1,829	747	738	Tex	9,146	3,924	2,098	818	678
Ind	3,656	1,573	730	414	671						
Ill	9,054	4,602	1,642	881	792	**Mt**	**7,074**	**3,040**	**1,653**	**504**	**658**
Mich	7,376	3,383	1,661	587	802	Mont	506	200	115	46	645
Wis	3,434	1,455	762	425	742	Idaho	505	179	123	53	554
						Wyo	237	97	50	13	551
W.N.C	**12,830**	**5,830**	**2,549**	**1,621**	**753**	Colo	2,005	857	426	196	725
Minn	2,956	1,296	520	503	738	N. Mex	710	351	144	29	567
Iowa	2,112	897	386	328	724	Ariz	1,758	798	458	70	698
Mo	3,849	1,904	804	321	790	Utah	758	309	182	66	556
N. Dak	513	230	125	53	788	Nev	595	251	155	32	828
S. Dak	460	203	81	67	667						
Nebr	1,151	506	255	134	737	**Pac**	**26,227**	**10,561**	**6,898**	**1,961**	**858**
Kans	1,788	794	379	215	766	Wash	2,758	1,009	588	305	710
						Oreg	1,827	674	417	194	728
						Calif	20,657	8,473	5,432	1,429	904
						Alaska	295	147	57	5	735
						Hawaii	691	258	204	29	744

[1] Includes other objects of expenditures not shown separately. [2] A significant portion of D.C.'s health goods and services are provided to Md. and Va. residents, resulting in meaningless per capita estimates.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Dec. 1982.

NO. 151. GOVERNMENT EXPENDITURES FOR HEALTH SERVICES AND SUPPLIES: 1980 AND 1982

[**In millions of dollars, except percent.** Excludes medical research and construction]

YEAR AND TYPE OF SERVICE	TOTAL [1]		FEDERAL		State and local	Medicare [2] (OASDHI)	Public assistance [3]	OTHER HEALTH SERVICES		
	Amount	Percent distribution	Total	Percent of total				Veterans	Defense Dept. [4]	Workers' compensation [5]
1980, total [1]	**97,875**	**100.0**	**65,980**	**67.4**	**31,895**	**36,828**	**28,473**	**5,941**	**4,233**	**5,042**
Hospital care	54,294	55.5	41,119	75.7	13,175	25,964	10,041	4,927	3,448	1,981
Physicians' services	12,524	12.8	9,544	76.2	2,981	7,793	2,628	59	123	1,645
Nursing home care	11,542	11.8	6,208	53.8	5,334	374	10,806	362	–	–
Drugs and sundries	1,640	1.7	812	49.5	828	–	1,516	13	14	77
Administration	3,686	3.8	2,033	55.1	1,653	1,122	1,291	49	33	1,141
Public health activities	7,007	7.2	1,265	18.0	5,742	–	–	–	–	–
1982, total [1]	**128,745**	**100.0**	**87,505**	**68.0**	**41,241**	**52,172**	**36,048**	**7,086**	**5,567**	**6,054**
Hospital care	71,989	55.9	54,587	75.8	17,401	36,330	12,590	5,795	4,533	2,351
Physicians' services	17,028	13.2	13,432	78.9	3,596	11,413	3,138	81	140	1,948
Nursing home care	15,000	11.7	7,872	52.5	7,128	472	14,038	490	–	–
Drugs and sundries	1,941	1.5	929	47.9	1,012	–	1,799	15	14	92
Administration	4,413	3.4	2,425	55.0	1,988	1,292	1,529	62	36	1,424
Public health activities	8,641	6.7	1,378	15.9	7,263	–	–	–	–	–

– Represents zero. [1] Includes other items not shown separately. [2] Covers hospital and medical insurance payments and administrative costs under old-age, survivors, disability and health insurance program. [3] Covers Medicaid and other medical public assistance. Includes funds paid into Medicare trust fund by States to cover premiums for public assistance recipients and medically indigent persons. [4] Includes care for retirees and military dependents. [5] Medical benefits.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1983.

No. 152. Federal Outlays for Health, by Type of Program: 1970 to 1983

[For years ending June 30 except, beginning 1979, ending September 30]

Type of program	Total outlays (mil. dol.)							Outlays per capita [1]		
	1970	1975	1979	1980	1981	1982	1983, est.	1970	1980	1983, est.
Total outlays	**12,113**	**27,647**	**49,614**	**58,165**	**65,982**	**74,017**	**82,362**	**$59**	**$256**	**$352**
Health care services	10,206	24,344	45,121	53,019	60,351	68,350	76,515	50	233	327
Medicare [2]	7,149	14,781	29,147	35,034	39,149	46,568	53,031	35	154	227
Medicaid	2,727	6,840	12,491	14,028	16,948	17,391	19,326	13	62	83
Health block grants	–	–	–	–	–	663	1,119	–	–	5
Other	330	2,723	3,483	3,958	4,254	3,730	3,039	2	17	13
Health research	1,054	1,835	3,023	3,442	3,836	3,948	4,204	5	15	18
National Institutes of Health	917	1,598	2,698	3,029	3,394	3,470	3,757	4	13	16
Other	137	237	325	413	442	478	447	1	2	2
Education and training of health care work force	633	842	583	719	779	670	580	3	3	2
Research training	(NA)	(NA)	(NA)	(NA)	236	195	202	(NA)	(NA)	1
Clinical training	(NA)	(NA)	(NA)	(NA)	543	374	319	(NA)	(NA)	1
Other	(NA)	(NA)	(NA)	(NA)	–	101	59	(NA)	(NA)	(Z)
Consumer safety	177	435	603	674	688	698	729	1	3	3
Occupational safety and health	49	196	294	328	353	336	362	(z)	1	2
Deductions for offsetting receipts	−6	−5	−10	−17	−25	15	−28	(z)	(z)	(z)

– Represents zero. NA Not available. Z Less than 50 cents. [1] Based on Bureau of the Census estimated resident population as of July. [2] Adjusted for premiums and collections.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 153. Indexes of Medical Care Prices: 1960 to 1983

[1967=100. 1960 excludes Alaska and Hawaii. Indexes are components of consumer price index; for explanation, see text, pp. 483 and 484. For explanation of average annual percent change, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series B 262-272]

Year	Index, total	Average annual percent change	Medical care services [1]	Professional services			Hospital room	Medical care commodities [2]
				Total [1]	Physicians'	Dental		
1960	79.1	[3] 4.1	74.9	(NA)	77.0	82.1	57.3	104.5
1965	89.5	2.5	87.3	(NA)	88.3	92.2	75.9	100.2
1970	120.6	6.2	124.2	119.7	121.4	119.4	145.4	103.6
1971	128.4	6.5	133.3	127.5	129.8	127.0	163.1	105.4
1972	132.5	3.2	138.2	132.1	133.8	132.3	173.9	105.6
1973	137.7	3.9	144.3	136.4	138.2	136.4	182.1	105.9
1974	150.5	9.3	159.1	148.2	150.9	146.8	201.5	109.6
1975	168.6	12.0	179.1	164.5	169.4	161.9	236.1	118.8
1976	184.7	9.5	197.1	179.4	188.5	172.2	268.8	126.0
1977	202.4	9.6	216.7	194.1	206.0	185.1	299.5	134.1
1978	219.4	8.4	235.4	208.8	223.1	198.1	332.4	143.5
1979	239.7	9.3	258.3	226.8	243.6	214.8	370.3	153.8
1980	265.9	10.9	287.4	252.0	269.3	240.2	418.9	168.1
1981	294.5	10.8	318.2	277.9	299.0	263.3	481.1	186.5
1982	328.7	11.6	356.0	301.5	327.1	283.6	556.7	205.7
1983, May	354.3	[4] 9.4	383.5	319.7	349.4	298.6	609.6	222.5

NA Not available. [1] Includes other services, not shown separately. [2] Prior to 1978, covers drugs and prescriptions only. [3] Change from 1955. [4] Change from May 1982-May 1983.

Source: U.S. Bureau of Labor Statistics, *Consumer Price Indexes for Selected Items and Groups*, monthly and annual averages.

No. 154. Benefit Expenditures of Private Health Insurance Organizations: 1975 to 1980

[In millions of dollars. For financial data on private health insurance organizations, see table 685]

Year and type of care	Total	Blue Cross-Blue Shield			Insurance companies			Independent plans
		Total	Blue Cross	Blue Shield	Total	Group policies	Individual policies	
1975, total	30,072	14,192	10,076	4,116	13,157	11,588	1,569	2,723
1976, total	35,471	16,227	11,625	4,602	15,493	13,762	1,731	3,751
1977, total	40,013	17,626	12,474	5,152	17,206	15,284	1,922	5,181
1978, total	45,044	19,465	13,491	5,974	19,057	16,394	2,663	6,522
1979, total	50,176	21,724	15,396	6,328	20,145	17,452	2,693	8,307
1980 total	**58,619**	**25,466**	**17,698**	**7,768**	**21,678**	**18,610**	**3,068**	**11,475**
Hospital care	33,680	16,812	16,477	335	12,982	10,840	2,142	3,886
Physicians' services	16,477	6,777	400	6,377	6,285	5,434	851	3,415
Dental care and other	8,462	1,877	821	1,056	2,411	2,336	75	4,174

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1981, and unpublished data.

No. 155. Persons With Health Care Coverage by Type of Coverage, 1980 and 1981, and by Poverty Status and Age, 1981

[**In thousands.** Persons as of **March** of following year who had coverage in year shown. See headnote, table 610. See also tables 636 and 641. For explanation of poverty level, see text, p.447]

TYPE OF COVERAGE	1980, total	1981					
		Total	Below poverty level	Above poverty level	Under 18 yrs. old	18-64 years old	65 yrs. old and over
Medicare, total [1]	26,200	27,208	4,454	22,754	52	2,886	24,271
Medicare only	20,207	20,821	2,733	18,088	18	1,632	19,171
Medicare and other health plans [2]	2,451	2,703	100	2,603	10	564	2,129
Medicaid, total	18,966	19,407	11,687	7,720	8,147	8,179	3,081
Medicaid only	12,239	12,701	9,213	3,488	6,797	5,904	-
Medicaid and Medicare only	3,541	3,685	1,621	2,064	23	690	2,971
Medicaid and group health plan [3] only	2,673	2,523	701	1,822	1,187	1,336	-
Medicaid and other health plans	514	499	151	348	139	250	110
Employer or union provided group health plan	137,307	136,740	5,154	131,586	39,894	94,942	1,904
Employer or union helped pay for plan	130,134	130,436	4,658	125,778	38,039	90,591	1,806
Paid for all of plan	58,107	58,096	1,753	56,343	16,014	41,193	888
Paid for part of plan	72,027	72,340	2,905	69,435	22,025	49,398	918
Employer or union did not help pay	7,173	6,304	495	5,809	1,855	4,351	99
CHAMPUS [4], V.A. [5] or military health care	8,456	10,432	747	9,685	2,641	7,081	710

- Represents zero or rounds to zero. [1] Includes Medicaid and Medicare only, shown under Medicaid. [2] Excluding Medicaid. [3] Employer or union provided. [4] Civilian Health and Medical Program of the Uniformed Services. The Dept. of Defense operates this program to provide reimbursement (after payment of a deductible) for covered medical care rendered in civilian facilities to wives and children of active military personnel, to retired military personnel and their dependents, and to dependents of deceased personnel. Program is designed for those unable to use Government medical facilities for reasons of distance, overcrowding, or the unavailability of appropriate treatment at a military medical center. [5] Veterans Administration.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 131 and 136.

No. 156. Health Insurance Coverage, by Type of Coverage: 1960 to 1981

[**In millions of persons.** Beginning 1975, data include Puerto Rico and other U.S. territories and possessions. Duplication eliminated except as noted. "Hospital," "Surgical," "Regular medical," and "Major medical" represent coverage by insurance companies, Blue Cross-Blue Shield and medical society approved plans, and other plans. "Dental" represents insurance company coverage only. "Disability income" represents coverage by insurance companies, paid sick leave plans, and employee organizations. See also table 158]

YEAR AND AGE GROUP	Hospital	Surgical	Regular medical	Major medical	DISABILITY INCOME [1]		Dental
					Short term	Long term	
1960	122.5	111.5	83.2	32.6	42.4	(2)	(NA)
1965	138.7	130.5	109.6	69.7	46.9	4.5	(NA)
1970, total	158.8	151.4	138.7	103.5	58.1	11.0	12.0
Under 65	148.7	142.8	130.4	(NA)	58.1	11.0	(NA)
65 and over	10.1	8.6	8.3	(NA)	-	-	(NA)
1975, total	178.0	168.9	161.9	134.1	63.0	18.4	30.2
Under 65	165.4	158.5	152.2	(NA)	(NA)	18.4	(NA)
65 and over	12.6	10.4	9.7	(NA)	(NA)	-	(NA)
1979, total	184.1	174.7	164.8	147.6	65.8	19.9	70.2
Under 65	169.1	163.4	154.3	144.7	(NA)	19.9	(NA)
65 and over	15.0	11.3	10.5	2.9	(NA)	-	(NA)
1980, total	189.0	178.2	169.5	155.2	65.4	21.1	77.9
Under 65	172.5	166.1	158.0	152.0	(NA)	21.1	(NA)
65 and over	16.5	12.1	11.5	3.2	(NA)	-	(NA)
1981, total	188.3	176.9	163.9	157.7	60.3	21.7	86.3
Under 65	172.7	165.6	153.3	154.5	(NA)	21.7	(NA)
65 and over	15.6	11.3	10.6	3.2	(NA)	-	(NA)

- Represents zero. NA Not available. [1] Any duplication resulting from combinations for short-term and long-term protection has not been eliminated. [2] Included in "short-term" with some possible duplication.

Source: Health Insurance Association of America, Washington, D.C., *Sourcebook of Health Insurance Data*, annual.

No. 157. Persons Covered by Private Health Insurance: 1967 to 1979

TYPE OF CARE	PERCENT UNDER 65 YEARS						PERCENT 65 YEARS AND OVER					
	1967	1970	1975	1977	1978	1979	1967	1970	1975	1977	1978	1979
Hospital care	77.0	78.6	78.1	79.2	79.2	79.5	45.0	51.4	62.7	67.3	66.4	64.1
Physicians' services:												
Surgical services	75.2	76.9	77.9	78.1	78.5	79.3	44.1	46.7	55.0	49.7	42.4	42.8
In-hospital visits	65.6	75.1	79.6	78.3	79.2	80.4	31.1	41.1	42.8	42.1	44.0	44.0
X-ray and laboratory exams	50.0	73.8	78.2	71.6	73.6	80.0	18.7	37.4	37.1	37.2	37.4	42.4
Office and home visits	(NA)	35.2	63.9	61.2	66.7	65.1	(NA)	17.3	28.6	28.5	28.4	26.5
Dental care	2.6	6.5	15.5	22.6	27.0	30.2	.4	.6	2.4	4.8	6.6	6.1
Prescribed drugs (out-of-hospital)	39.0	53.5	76.1	66.2	66.2	65.2	9.7	15.9	21.8	18.2	18.8	17.5
Private duty nursing	41.5	53.1	74.3	65.8	67.5	63.4	11.7	15.8	21.7	15.7	14.2	14.1
Visiting nurse service	44.6	56.4	71.8	65.7	69.1	78.4	13.0	18.8	24.1	18.2	26.8	33.7
Nursing home care	8.9	15.4	34.6	29.7	39.3	44.0	15.2	24.7	19.6	23.3	35.1	47.8

NA Not available.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1981. Data for 1967-1975 published by U.S. Social Security Administration in *Social Security Bulletin*, September 1978, and earlier issues.

No. 158. Private Health Insurance—Persons Covered for Specified Benefits: 1960 to 1981

[**In millions, except percent.** As of **December 31.** For persons covered under Federal Government programs, see tables 155, 638, and 641-643. Data for other plans from Survey of Independent Prepaid and Self-Insured Health Plans; see Appendix III. HIAA = Health Insurance Association of America. See *Historical Statistics, Colonial Times to 1970,* series B 401-412, for persons covered]

BENEFIT AND TYPE OF PLAN	1960	1965	1970	1975	1977	1978	1979	1980	1981
Hospital benefits, persons covered:									
Estimate, household survey (net) [1]	[2] 129.8	[3] 145.5	154.1	162.4	168.4	169.1	170.8	(NA)	(NA)
Percent of population covered [4]	[2] 70.0	[3] 73.9	75.7	75.5	76.8	76.2	76.1	(NA)	(NA)
Estimate by HIAA (net) [5 6]	122.5	136.7	158.6	178.0	179.0	[7] 184.7	[7] 184.1	[7] 189.0	[7] 188.3
Percent of population covered [4]	68.2	71.9	78.1	82.8	81.6	83.3	82.1	83.3	82.3
Blue Cross-Blue Shield plans, gross	57.5	63.7	75.5	85.8	85.1	85.3	85.4	(NA)	(NA)
Insurance companies, gross [6 8]	76.6	87.0	107.2	117.3	105.1	111.7	109.8	(NA)	(NA)
Group policies [6 8]	54.4	63.0	80.5	87.2	76.4	75.6	75.5	(NA)	(NA)
Individual policies	22.2	24.0	26.7	30.1	28.7	[7] 36.2	[7] 34.6	[7] 34.1	[7] 25.6
Other plans, gross [9 10]	6.0	7.0	8.1	13.1	18.1	21.5	25.5	(NA)	(NA)
Surgical benefits, persons covered:									
Estimate, household survey (net) [1]	[2] 120.5	[3] 142.1	150.0	160.2	161.7	161.9	165.1	(NA)	(NA)
Percent of population covered [4]	[2] 65.0	[3] 72.2	73.7	74.5	73.7	73.0	73.6	(NA)	(NA)
Estimate by HIAA (net) [5 6]	111.5	130.5	151.4	168.9	167.2	[7] 173.3	[7] 174.7	[7] 178.2	[7] 176.9
Percent of population covered [4]	62.0	67.7	74.4	78.6	76.2	78.1	77.9	78.6	77.3
Blue Cross-Blue Shield plans, gross	48.3	56.3	69.1	77.8	75.4	74.4	73.5	(NA)	(NA)
Insurance companies, gross [6 8]	71.5	83.2	99.5	106.4	93.0	94.6	95.3	(NA)	(NA)
Group policies [6 8]	55.5	65.5	81.5	88.0	78.6	77.8	77.6	(NA)	(NA)
Individual policies	16.0	17.7	18.0	18.5	14.4	[7] 16.9	[7] 17.9	[7] 17.6	[7] 12.4
Other plans, gross [9 10]	7.3	8.7	10.5	15.8	21.5	25.0	29.1	(NA)	(NA)
Major medical expense: [6 7 11]									
Total persons covered, net	32.6	69.7	103.5	134.1	139.4	141.5	147.6	155.2	157.7
Insurance companies, net	25.4	53.0	77.1	92.2	96.0	102.5	104.5	107.2	107.4
Group policies, net	24.4	49.7	73.7	87.0	91.7	98.1	99.8	102.5	103.3
Individual and family policies	1.6	4.5	5.4	7.3	6.1	6.9	7.3	7.5	6.6
Blue Cross-Blue Shield	3.7	14.6	24.9	42.1	39.4	39.3	43.3	45.0	[12] 48.4
Other plans	(NA)	(NA)	(NA)	(NA)	12.4	[12] 13.7	[12] 15.1	[12] 25.7	[12] 33.7
In-hospital medical visits:									
Estimate by HCFA (net) [10]	(NA)	(NA)	145.6	151.6	160.2	163.5	167.6	(NA)	(NA)
Percent of population covered [4]	(NA)	(NA)	71.5	70.5	73.0	73.7	74.7	(NA)	(NA)
Estimate by HIAA (net) [5]	83.2	109.6	138.7	161.9	160.4	[7] 165.0	[7] 164.8	[7] 169.5	[7] 163.9
Percent of population covered [4]	46.3	56.8	68.1	75.3	73.1	74.4	73.5	74.7	71.6
X-ray and lab. exams (out-of-hospital) (net) [10]	(NA)	79.5	142.4	156.7	146.2	151.1	166.4	(NA)	(NA)
Percent of population covered [4]	(NA)	41.2	70.0	72.9	66.6	68.1	74.2	(NA)	(NA)
Office and home visits (net) [10]	(NA)	(NA)	67.8	127.7	124.3	135.8	133.4	(NA)	(NA)
Percent of population covered [4]	(NA)	(NA)	33.3	59.4	56.7	61.2	59.5	(NA)	(NA)
Dental care (net) [10]	(NA)	3.1	12.0	30.0	44.4	53.8	60.3	(NA)	(NA)
Percent of population covered [4]	(NA)	1.6	5.9	14.0	20.2	24.3	26.9	(NA)	(NA)
Prescribed drugs (out-of-hospital) (net) [10]	(NA)	53.2	101.0	149.3	131.4	132.3	131.2	(NA)	(NA)
Percent of population covered [4]	(NA)	27.6	49.6	69.5	59.9	59.7	58.5	(NA)	(NA)
Private duty nursing (net) [10]	(NA)	56.0	100.2	145.9	129.9	133.7	126.9	(NA)	(NA)
Percent of population covered [4]	(NA)	29.0	49.2	67.9	59.2	60.3	56.6	(NA)	(NA)
Visiting nurse service (net) [10]	(NA)	60.1	106.9	141.6	130.3	140.0	161.1	(NA)	(NA)
Percent of population covered [4]	(NA)	31.2	52.5	65.9	59.4	63.1	71.8	(NA)	(NA)
Nursing home care (net) [10]	(NA)	9.9	32.4	70.1	61.1	84.5	97.6	(NA)	(NA)
Percent of population covered [4]	(NA)	5.1	15.9	32.6	27.9	38.1	43.5	(NA)	(NA)

NA Not available. [1] Surveys by U.S. National Center for Health Statistics. [2] 1962 data. [3] 1967 data. [4] Based on Bureau of the Census estimated civilian population as of January 1 of following year. [5] Includes duplication which occurs when persons are members of an independent prepaid or self-insured plan or other health plan with which an insurance company has an administrative service agreement and/or a minimum premium plan. [6] Beginning 1975, includes Puerto Rico and outlying areas. [7] Source: Health Insurance Association of America, Washington, D.C., *Source Book of Health Insurance Data,* annual. [8] Beginning 1977, excludes persons covered in administrative service only and minimum premium plans. [9] All private plans other than Blue Cross-Blue Shield and insurance companies. [10] Estimates by Health Care Financing Administration (HCFA). [11] Coverage provides protection against especially heavy medical bills resulting from "catastrophic" or prolonged illness, and is used to supplement basic medical care insurance or as a comprehensive integrated program providing both basic and major medical protection, including charges for private duty nursing, drugs, and medical appliances. [12] Estimated.

Source: Except as noted, U.S. Health Care Financing Administration, *Health Care Financing Review,* Fall 1981. Data for 1960-1975 published by U.S. Social Security Administration in *Social Security Bulletin,* September 1978, and earlier issues.

NO. 159. EMPLOYED PERSONS IN SELECTED HEALTH OCCUPATIONS: 1975 TO 1982

[In thousands, except percent. Covers civilians 16 years old and over. Annual averages based on data collected by Bureau of the Census as part of Current Population Survey; see text, p. 2 and Appendix III]

OCCUPATION	1975	1980	1982			OCCUPATION	1975	1980	1982		
			Number	Percent—					Number	Percent—	
				Female	Black					Female	Black
Total	**4,100**	**5,140**	**5,513**	**74.9**	**12.7**	Health administrators	154	213	228	50.9	3.5
Physicians, dentists, and related [1]	661	803	869	14.6	2.4	Health technologists and technicians [1]	406	588	657	72.9	9.7
Dentists	112	143	121	3.3	2.5	Clinical laboratory	181	242	266	76.7	9.8
Pharmacists	122	125	168	23.8	3.6	Radiology	80	102	108	72.2	9.3
Physicians [2]	363	444	486	14.8	2.3	Health services [1]	1,734	1,929	2,022	89.7	22.4
Registered nurses	948	1,327	1,415	95.6	8.2	Health aides, and trainees [3]	222	295	333	86.2	15.9
Therapists	161	220	252	70.6	7.9	Nursing aides [4]	1,009	1,108	1,136	87.1	29.0
Dietitians	36	60	70	90.0	24.3	Practical nurses	374	383	400	97.0	16.3

[1] Includes other occupations not shown separately. [2] Medical and osteopathic. [3] Excludes nursing. [4] Includes orderlies and attendants.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* January 1983 and unpublished data.

NO. 160. PHYSICIANS, DENTISTS, AND NURSES: 1950 TO 1981

[Physicians, dentists, and nurses as of **end of year;** except nurses for 1950 as of **April 1.** Prior to 1960, data for nurses exclude Alaska and Hawaii. Data for physicians include Puerto Rico and outlying areas. See also *Historical Statistics, Colonial Times to 1970,* series B 275-290]

ITEM	Unit	1950	1960	1965	1970	1975	1977	1978	1979	1980	1981
Physicians, number	**1,000**	**233**	**275**	**305**	**348**	**409**	**438**	**454**	**472**	**487**	**505**
Rate per 100,000 population [1]	Rate	151	151	155	168	187	196	201	207	211	217
Doctors of medicine [2]	1,000	220	260	292	334	394	421	437	455	468	485
Active (exc. in Federal service)	1,000	(NA)	(NA)	255	282	338	362	381	399	418	425
Rate per 100,000 population [3]	Rate	(NA)	(NA)	131	138	156	163	170	176	182	184
Active foreign medical school graduates [4]	1,000	(NA)	(NA)	(NA)	(NA)	77	84	85	90	92	96
Doctors of osteopathy	1,000	13	14	13	14	[5] 15	[5] 17	17	18	[5] 19	20
Physicians admitted to U.S. as immigrants [6]	1,000	1.9	1.6	2.0	3.2	5.4	7.1	4.4	3.0	(NA)	(NA)
Medical and osteopathic schools	Number	85	91	93	107	123	126	134	138	140	142
Students	1,000	26.9	32.0	34.1	39.7	57.2	61.9	64.3	66.5	70.1	71.6
Graduates	1,000	5.9	7.5	7.8	8.8	13.4	14.5	15.4	16.0	16.8	17.0
Newly licensed physicians, total [4]	1,000	6.0	8.0	9.1	11.0	16.9	18.2	19.4	19.9	18.2	18.8
Percent of total active M.D.'s	Percent	(NA)	(NA)	3.3	3.5	4.6	4.6	4.8	4.8	4.2	4.2
Graduates of—											
U.S. and Canadian medical schools	1,000	5.7	6.6	7.6	8.0	10.9	12.3	14.8	16.3	14.9	15.7
Foreign medical schools	1,000	.3	1.4	1.5	3.0	6.0	5.9	4.6	3.6	3.3	3.1
Percent of total newly licensed	Percent	5.1	17.7	16.7	27.3	35.4	32.2	23.6	17.9	18.2	16.6
Dentists, number	**1,000**	**90**	**105**	**112**	**116**	**127**	**133**	**136**	**138**	**141**	[7] **144**
Active (exc. in Federal service)	1,000	75	85	90	96	107	113	115	118	121	[5] [7] 124
Rate per 100,000 population [3]	Rate	50	47	47	47	50	52	52	53	54	[7] 54
Dental schools	Number	41	47	49	53	59	59	59	60	60	[7] 60
Students	1,000	11.5	13.6	13.9	16.0	20.1	21.0	21.5	22.2	22.5	[7] 22.8
Graduates	1,000	2.6	3.3	3.2	3.7	5.0	5.2	5.3	5.4	5.3	[7] 5.6
Nurses, number (active registered) [7]	**1,000**	**375**	**527**	**621**	**750**	**961**	**1,028**	(NA)	(NA)	**1,273**	(NA)
Rate per 100,000 population [1] [7]	Rate	249	293	321	368	446	468	(NA)	(NA)	560	(NA)
Nursing schools [7] [8]	Number	1,190	1,114	1,180	1,330	1,349	1,339	1,340	1,354	1,360	1,337
Students [7] [8]	1,000	98	118	135	163	248	245	239	235	231	235
Graduates [7] [8]	1,000	26	30	35	46	77	78	78	77	76	74

NA Not available. [1] Based on Bureau of the Census resident population estimates as of July 1. [2] Excludes non-Federal physicians with temporary foreign addresses; see headnote, table 163. [3] Based on Bureau of the Census civilian population estimates as of July 1. [4] Foreign medical graduates exclude graduates of Canadian schools. Source: American Medical Association, Chicago, Ill., *Physician Distribution and Medical Licensure in The U.S.,* annual through 1979; beginning 1980, *Physician Characteristics and Distribution in the U.S.,* annual. For newly-licensed physicians prior to 1975, and for 1980 and 1981, *Medical Licensure Statistics,* annual and *U.S. Medical Licensure Statistics, 1980-1981 and License Requirements, 1982,* respectively. All publications copyright. [5] Estimated. [6] Source: U.S. Immigration and Naturalization Service, *Annual Report.* [7] Data supplied by U.S. Dept. of Health and Human Services, Health Resources and Services Administration. [8] Data for 1950 are for calendar year and include Puerto Rico. Beginning 1960 number of schools and students are as of October 15 and number of graduates are for academic year ending in year shown.

Source: Except as noted, U.S. National Center for Health Statistics, *Health Resources Statistics,* annual through 1976, and 1978. Beginning 1979, unpublished data.

No. 161. Physicians, by Sex, Specialty, and Major Professional Activity: 1970 to 1981

[In thousands, except percent. As of December 31. Includes Puerto Rico and outlying areas]

Specialty	1970		1975, total	1980, total	1981					
					Total		Patient care			Other professional [2]
	Total	Percent			Number	Percent	Total	Office-based	Hospital-based: Full-time	Hospital-based: Residents [1]
Total	[3] 334.0	100.0	[3] 393.7	[3] 467.7	[5] 485.1	100.0	389.4	288.0	38.0	63.3	41.4
Male	(NA)	(NA)	358.1	413.4	425.8	87.8	343.9	263.6	31.8	48.5	35.9
Female	(NA)	(NA)	35.6	54.3	59.3	12.2	45.5	24.4	6.2	14.9	5.4
General practice	57.9	17.3	54.6	60.0	60.6	12.5	58.9	49.9	3.6	5.3	1.7
Medical [4]	77.2	23.1	95.1	125.8	132.0	27.2	113.8	82.0	10.4	21.4	18.2
Internal medicine	41.9	12.5	54.3	71.5	75.2	15.5	65.3	44.1	5.8	15.6	9.9
Pediatrics	17.9	5.4	21.7	28.3	29.6	6.1	26.4	18.6	2.6	5.3	3.1
Surgical [4]	86.0	25.8	96.0	110.8	113.7	23.4	109.4	86.1	5.7	17.6	4.3
General surgery	29.8	8.9	31.6	34.0	34.7	7.1	33.1	22.7	2.2	8.3	1.5
Obstetrics, gynecology	18.9	5.7	21.7	26.3	27.2	5.6	26.2	20.9	1.3	4.0	1.0
Orthopedic	9.6	2.9	11.4	14.0	14.6	3.0	14.2	11.6	.7	2.0	.4
Ophthalmology	9.9	3.0	11.1	13.0	13.3	2.7	12.7	11.3	.4	1.1	.5
Other [4]	89.6	26.8	94.6	118.3	124.4	25.6	107.2	70.0	18.2	19.0	17.2
Psychiatry	21.1	6.3	23.9	27.5	28.5	5.9	25.5	16.9	5.2	3.4	3.0
Anesthesiology	10.1	3.0	12.9	16.0	16.8	3.5	15.9	12.4	1.6	1.9	.9
Pathology	10.3	3.1	11.7	13.4	13.9	2.9	11.2	6.1	3.0	2.1	2.8
Radiology	10.5	3.1	11.5	11.7	10.9	2.2	10.0	7.7	1.7	.7	.9

NA Not available. [1] Includes interns. [2] Medical teaching, administration, research, and other.
[3] 1970 includes 19,621 inactive, 358 not classified, 3,204 address unknown; 1975, 21,449 inactive, 26,145 not classified, 5,868 address unknown; 1980, 25,744 inactive, 20,629 not classified, and 6,390 address unknown; and 1981, 35,011 inactive, 14,154 not classified, and 5,213 address unknown. [4] Includes other specialties not shown separately.

Source: American Medical Association, Chicago, Ill., *Distribution of Physicians in the United States, 1970; Physician Distribution and Medical Licensure in the U.S., 1975;* and, beginning 1980, *Physician Characteristics and Distribution in the U.S.,* annual. (Copyright.)

No. 162. Active Non-Federal Physicians, 1970 and 1981, and Dentists, 1982—States

[See headnote, table 160. Excludes doctors of osteopathy, Federal physicians and dentists, and physicians with addresses unknown. Rates based on U.S. Bureau of the Census population estimates as of April 1 for 1970, and as of July 1 for 1981 and 1982. For composition of regions, see fig. I, inside front cover]

Region, division, and state	Physicians: Total		Physicians: Rate [1]		Dentists, 1982		Region, division, and state	Physicians: Total		Physicians: Rate [1]		Dentists, 1982	
	1970	1981	1970	1981	Total	Rate [1]		1970	1981	1970	1981	Total	Rate [1]
U.S	**279,212**	**420,890**	**139**	**185**	**126,810**	**55**	**So. Atl.—Con.**						
Regions:							D.C	2,745	3,338	368	533	565	92
Northeast	87,840	114,414	180	232	33,048	67	Va	5,234	9,325	117	177	2,731	51
No. Central	67,076	95,687	119	163	32,453	55	W. Va	1,706	2,681	98	138	805	41
South	70,222	122,091	114	161	34,233	44	N.C	5,216	8,963	105	153	2,375	40
West	54,074	88,698	158	203	27,076	61	S.C	2,194	4,189	87	135	1,218	39
N. Eng	**20,455**	**29,993**	**174**	**242**	**8,415**	**67**	Ga	4,617	7,958	103	145	2,318	41
Maine	972	1,684	99	150	537	47	Fla	8,480	17,673	127	176	4,735	45
N.H	925	1,541	126	165	512	54	**E. So. Cent**	**12,162**	**19,915**	**96**	**136**	**6,354**	**43**
Vt	755	1,096	170	213	312	60	Ky	3,107	4,958	98	137	1,718	47
Mass	11,036	15,885	195	276	4,198	72	Tenn	4,433	7,280	114	158	2,344	51
R.I	1,355	1,985	148	209	515	54	Ala	2,885	4,957	85	127	1,468	37
Conn	5,412	7,802	179	250	2,341	74	Miss	1,737	2,720	79	108	824	33
Mid. Atl	**67,385**	**84,421**	**182**	**229**	**24,633**	**67**	**W. So. Cent**	**20,472**	**35,680**	**107**	**147**	**10,191**	**41**
N.Y	40,730	47,431	224	270	12,875	73	Ark	1,629	2,609	85	123	840	36
N.J	9,770	14,273	137	193	4,955	67	La	4,141	6,706	115	157	1,750	40
Pa	16,885	22,717	143	191	6,803	57	Okla	2,427	3,918	96	127	1,313	42
E. No. Cent	**48,224**	**68,413**	**120**	**164**	**22,794**	**55**	Tex	12,275	22,247	111	153	6,288	41
Ohio	13,387	17,750	126	165	5,574	52	**Mt**	**10,369**	**18,913**	**127**	**163**	**6,407**	**54**
Ind	4,988	7,077	96	129	2,462	45	Mont	679	1,039	99	131	492	62
Ill	14,462	21,217	131	186	6,420	56	Idaho	624	1,023	88	107	511	53
Mich	10,384	14,785	117	161	5,318	58	Wyo	304	563	92	116	244	48
Wis	5,003	7,584	113	160	3,020	63	Colo	3,627	5,702	168	195	1,882	63
W. No. Cent	**18,852**	**27,274**	**116**	**159**	**9,659**	**56**	N. Mex	1,043	2,013	104	153	612	45
Minn	5,420	7,788	143	189	2,709	66	Ariz	2,211	4,911	127	178	1,292	45
Iowa	2,733	3,681	97	126	1,563	54	Utah	1,377	2,471	130	164	993	63
Mo	5,647	8,121	122	165	2,545	51	Nev	504	1,191	105	143	381	43
N. Dak	542	890	89	137	326	50	**Pac**	**43,705**	**69,785**	**168**	**218**	**20,669**	**63**
S. Dak	503	793	76	116	336	50	Wash	4,658	7,490	139	180	2,839	67
Nebr	1,581	2,326	107	149	1,026	65	Oreg	2,803	4,834	134	182	1,871	70
Kans	2,426	3,675	110	156	1,154	49	Calif	34,981	55,041	179	230	15,097	62
So. Atl	**37,588**	**66,496**	**125**	**179**	**17,688**	**46**	Alaska	199	497	74	126	246	61
Del	682	991	126	167	272	46	Hawaii	1,084	1,923	149	209	616	65
Md	6,714	11,378	174	270	2,669	62	Puerto Rico	2,345	4,047	87	125	(NA)	(NA)
							Outlying areas	[2] 145	170	[2] 55	46	(NA)	(NA)

NA Not available. [1] Per 100,000 civilian population. [2] Includes Canal Zone.

Source: American Medical Association, Chicago, Ill., *Distribution of Physicians in the United States, 1970,* and *Physician Characteristics and Distribution in the U.S., 1982,* (copyright) and U.S. Dept. of Health and Human Services, Health Resources and Services Administration, unpublished data.

No. 163. Physicians, by Type of Practice: 1965 to 1981

[As of **December 31.** Includes Puerto Rico and outlying areas. 1965 data for doctors of medicine by type of practice not comparable with later years due to changes in classification. Excludes 4,148 non-Federal physicians with temporary foreign addresses in 1970, 5,559 in 1975, 5,790 in 1977, 5,843 in 1978, 6,180 in 1979, 6,755 in 1980, and 6,259 in 1981]

Type of practice	Number (1,000)								Percent distribution			
	1965	1970	1975	1977	1978	1979	1980	1981	1965	1970	1975	1981
All physicians	**305.1**	**348.3**	**409.0**	**437.8**	**454.3**	**472.4**	**486.5**	**504.7**	**100**	**100**	**100**	**100**
Doctors of medicine	**292.1**	**334.0**	**393.7**	**421.3**	**437.5**	**454.6**	**467.7**	**485.1**	**96**	**96**	**96**	**96**
Active M.D.'s	277.6	311.2	366.4	382.0	401.4	417.3	435.5	444.9	91	89	90	88
Non-Federal [1]	268.1	301.3	359.7	390.4	408.0	427.1	443.5	460.1	88	87	88	91
Patient care	239.3	255.0	287.8	315.7	325.8	341.5	361.9	373.6	78	73	70	74
Office based [2]	185.3	188.9	213.3	231.1	238.9	248.9	271.2	286.5	61	54	52	57
General practice [3]	65.7	50.6	46.3	45.1	45.1	46.7	47.7	49.4	22	12	11	10
Specialty	119.6	138.1	167.0	186.0	193.8	202.2	223.5	237.1	39	40	41	47
Training programs	39.6	45.8	53.5	58.9	57.2	61.4	59.6	60.5	13	13	13	12
Full-time hospital staff	14.3	20.3	21.0	25.8	29.6	31.1	31.0	26.6	5	6	5	5
Other professional activity	15.5	26.3	24.3	27.9	29.8	33.7	35.2	37.3	5	8	6	7
Retired, not in practice	13.3	19.6	21.4	28.4	26.8	28.3	25.7	35.0	4	6	5	7
Federal	22.8	29.5	28.2	19.9	20.2	18.5	17.8	19.8	8	8	7	4
Patient care [4]	20.2	23.5	24.1	16.6	16.9	15.3	14.6	15.7	7	7	6	3
Full-time hospital staff	16.3	14.6	17.7	12.0	12.6	11.8	11.4	11.4	5	4	4	2
Other professional activity	2.7	6.0	4.1	3.3	3.3	3.2	3.2	4.1	1	2	1	1
Not reported [5]	1.2	3.2	5.9	10.9	9.3	9.0	6.4	5.2	(Z)	1	1	1
Doctors of osteopathy [6]	**13.0**	**14.3**	**15.4**	**16.6**	**16.8**	**18.0**	**18.8**	**19.6**	**4**	**4**	**4**	**4**

Z Less than .5 percent. [1] Beginning 1970, includes physicians not classified. [2] Covers all physicians rendering patient care (or patient services by pathologists) in solo, partnership, group practice, or other arrangement and those in industry, insurance companies, health depts., laboratories, etc. [3] Includes family practice. [4] Includes Federal physicians in office-based practice and training programs. [5] Physicians with unknown addresses. [6] Source, beginning 1970: American Osteopathic Association, Chicago, Ill.

Source: Except as noted, 1965–1978, U.S. National Center for Health Statistics, *Health Resources Statistics,* annual through 1976, and 1978; beginning 1979, American Medical Association, Chicago, Ill., *Physician Distribution and Medical Licensure in the U.S., 1979,* (copyright) and *Physician Characteristics and Distribution in the U.S.,* annual (copyright).

No. 164. Physician and Dental Visits: 1970 to 1981

[Refers to the civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III]

Sex, race and age of patient	Physician visits						Dental visits					
	1970	1975	1978	1979	1980	1981	1970	1975	1978	1979	1980	1981
Total visits [1] (million)	**927**	**1,056**	**1,017**	**1,022**	**1,036**	**1,039**	**304**	**341**	**342**	**366**	**364**	**380**
Male (million)	396	435	417	422	426	429	133	153	149	162	158	168
Female (million)	531	621	599	600	610	609	171	188	193	204	207	212
White	832	929	882	895	903	893	283	313	311	334	333	344
Black	87	116	122	112	115	122	17	23	26	26	26	29
Visits per person	**4.6**	**5.1**	**4.8**	**4.7**	**4.8**	**4.6**	**1.5**	**1.6**	**1.6**	**1.7**	**1.7**	**1.7**
Male	4.1	4.3	4.0	4.1	4.0	4.0	1.4	1.5	1.4	1.6	1.5	1.5
Female	5.1	5.7	5.4	5.4	5.4	5.2	1.7	1.7	1.7	1.8	1.8	1.8
White	4.8	5.1	4.8	4.8	4.8	4.6	1.6	1.7	1.7	1.8	1.8	1.8
Black	3.9	4.7	4.8	4.4	4.5	4.6	.8	1.0	1.0	1.0	1.0	1.1
Under 6 years	5.9	6.5	6.4	6.5	6.7	6.4	.5	.6	.6	.5	.5	.6
6–16 years	2.9	3.2	3.1	3.0	3.2	3.0	1.9	2.0	2.1	2.1	2.3	2.2
17–24 years	4.6	4.8	4.3	4.3	4.0	4.0	1.8	1.8	1.5	1.6	1.6	1.6
25–44 years	4.6	5.1	4.7	4.5	4.6	4.4	1.7	1.7	1.7	1.8	1.7	1.8
45–64 years	5.2	5.6	5.3	5.2	5.1	5.1	1.5	1.8	1.7	1.9	1.8	1.8
65 years and over	6.3	6.6	6.3	6.3	6.4	6.3	1.1	1.2	1.2	1.4	1.4	1.5

[1] Includes other races not shown separately.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics,* series 10, and unpublished data.

No. 165. Visits to Physicians, by Type of Visit, Race, and Family Income: 1981

[Refers to civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III]

Race and family income	Total [1]	Physicians' offices	Emergency room [2]	Phone consultation	Race and family income	Total [1]	Physicians' offices	Emergency room [2]	Phone consultation
Visits, total [3] (mil.)	**1,039**	**720**	**137**	**120**	White—Con:				
White (mil.)	893	633	99	112	$15,000–$24,999	100.0	70.2	9.6	14.4
Black (mil.)	122	71	33	6	$25,000 or more	100.0	73.5	9.6	12.2
Percent distribution:					Black	100.0	58.1	27.4	5.1
All races [3]	100.0	69.4	13.2	11.6	Under $5,000	100.0	51.2	34.1	3.4
White	100.0	70.9	11.1	12.6	$5,000–$9,999	100.0	54.6	32.3	5.2
Under $5,000	100.0	65.1	15.5	10.8	$10,000–$14,999	100.0	59.2	24.1	[4] 5.0
$5,000–$9,999	100.0	68.6	13.2	12.8	$15,000–$24,999	100.0	62.1	25.2	6.4
$10,000–$14,999	100.0	69.1	13.1	12.9	$25,000 or more	100.0	70.5	15.4	6.4

[1] Includes other types of visits, not shown separately. [2] Includes visits to hospital outpatient department. [3] Includes other races not shown separately. [4] Figure does not meet standards of reliability or precision.

Source: U.S. National Center for Health Statistics, unpublished data.

No. 166. Physician Liability Claims and Insurance Expenses: 1976–1981

[Based on a sample survey of 3,817 non-Federal patient care physicians, excluding residents. For composition of regions, see fig I inside front cover]

Region and type of practice	Annual claims per 100 physicians		Medical specialty	Annual claims per 100 physicians		Percentage distribution of physicians by liability insurance expenses, 1981 [2]			
	Prior to 1976 [1]	1976–1981		Prior to 1976 [1]	1976–1981	0–$4,000	$5,000–$9,000	$10,000–$19,000	$20,000 and over
All physicians	**2.9**	**6.2**	**All physicians**	**2.9**	**6.2**	**63.1**	**21.9**	**11.4**	**3.6**
Northeast	3.1	7.6	General/family practice	2.3	5.1	77.7	17.4	3.7	1.2
North Central	2.5	6.2	Internal medicine	2.1	5.2	76.9	19.2	2.7	1.2
South	2.3	5.2	Surgical specialty	4.5	9.2	33.9	34.7	25.3	6.1
West	4.2	6.4	Pediatrics	1.5	3.6	93.1	5.6	.4	.9
			Obstetrics/gynecology	5.3	14.0	30.3	25.9	27.7	16.1
Solo	3.0	5.8	Radiology	3.1	5.9	56.4	34.6	7.3	1.8
Partnership	3.4	7.5	Psychiatry	1.0	1.9	95.0	3.6	1.4	-
Group	3.1	6.9	Anesthesiology	2.6	5.2	35.5	30.3	26.3	7.9
Other	1.9	4.9	Other	2.1	3.7	83.5	13.0	2.6	.9

- Represents zero. [1] Represents claims filed against physician over his/her work experience prior to 1976. [2] Covers self-employed physicians only. Annual expense data were rounded to the nearest thousand and then grouped in categories shown.

Source: American Medical Association, *SMS Report*, vol. 1, No. 7, October 1982. (Copyright.)

No. 167. Unincorporated and Incorporated Physicians and Dentists—Median Earnings From Practice: 1970 to 1981

[**In thousands of dollars.** Based on random sampling of office-based M.D.'s. 1981 data for physicians are based on 9,063 returned questionnaires (38.6 percent of all questionnaires mailed in 1982). *Unincorporated:* Represents net income from practice after payment of tax-deductible professional expenses but before payment of income taxes. For 1970, data relate to doctors of medicine (M.D.'s) under age 65 in private practice; 1975–1981, to office-based, patient care M.D.'s all ages. *Incorporated:* Comprises office-based, patient care doctors of medicine (M.D.'s) of all ages who are shareholders of a medical corporation. Earnings include salary, bonuses (if any), and funds set aside by corporation for individual's retirement. *Dentists:* Data cover gross income (total collected fees) minus professional expenses. For definition of median, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series D 918–919, for physicians and dentists]

Field of practice	Unincorporated							Incorporated					
	1970	1975	1977	1978	1979	1980	1981	1975	1977	1978	1979	1980	1981
Office-based M.D.'s, total [1]	**41.5**	**47.5**	**52.6**	**54.7**	**60.6**	**63.8**	**67.1**	**76.3**	**78.3**	**82.3**	**86.3**	**95.1**	**99.7**
General practitioners	37.4	38.6	46.0	45.7	50.5	54.2	56.4	59.2	63.4	71.0	70.8	74.7	76.3
Internists	41.3	53.7	59.6	53.7	69.3	63.9	68.2	71.1	73.5	73.6	79.8	80.6	89.1
General surgeons	45.0	53.7	56.7	62.5	65.8	83.3	78.9	83.3	81.6	88.8	88.6	101.8	102.6
Obstetricians-gynecologists	47.1	57.5	57.3	63.2	75.8	71.0	76.3	83.4	92.9	88.4	95.3	109.8	112.4
Pediatricians	35.9	43.5	49.2	48.1	53.7	56.7	56.2	58.6	62.5	67.1	67.0	74.0	74.7
Family practitioners	(NA)	48.2	54.8	58.1	67.3	66.3	59.8	61.9	69.4	66.9	68.0	75.6	77.9
All dentists [2]	**28.1**	**[3] 30.2**	**[4] 40.0**	**39.9**	(NA)	(NA)	**45.0**	(NA)	(NA)	**60.0**	(NA)	(NA)	**68.0**

NA Not available. [1] Includes specialties not shown separately. [2] Source: American Dental Association, Chicago, Ill., *Survey of Dental Practice*, biennial (copyright). Incorporated included in unincorporated for all years. [3] 1974 data. [4] 1976 data.

Source: Except as noted, Medical Economics Company, Oradell, N.J., *Medical Economics*. (Copyright © by Medical Economics Company; further reproduction prohibited without written permission of copyright owner.)

No. 168. Hospitals and Nursing Homes—Summary Characteristics: 1971 to 1981

[Based on National Master Facility Inventory; see Appendix III]

Year and type of facility	Total	Facilities under—			Facilities with—			Residents [1] (1,000)	Full-time employees (1,000)
		Govt. control	Profit control	Non-profit control	6–24 beds	25–74 beds	75 or more beds		
1971: All facilities	29,682	4,178	18,091	7,413	8,902	10,959	9,821	2,262	3,007
Nursing homes	22,004	1,368	17,049	3,587	8,266	8,259	5,479	1,076	568
Hospitals	7,678	2,810	1,042	3,826	636	2,700	4,342	1,186	2,439
1976: All facilities	27,739	4,055	16,339	7,345	6,111	9,868	11,760	2,343	3,498
Nursing homes [2]	20,468	1,402	15,343	3,723	5,675	7,531	7,262	1,293	653
Hospitals	7,271	2,653	996	3,622	436	2,337	4,498	1,050	2,845
1978: All facilities	25,881	3,821	14,981	7,079	5,810	8,574	11,497	2,257	3,638
Nursing homes [3]	18,722	1,214	14,023	3,485	5,414	6,306	7,002	1,240	664
Hospitals	7,159	2,607	958	3,594	396	2,268	4,495	1,017	2,974
1980: All facilities	30,116	3,498	19,611	7,007	8,852	8,573	12,691	2,427	3,919
Nursing homes [4]	23,065	936	18,669	3,460	8,498	6,362	8,205	1,396	[5] 798
Hospitals	7,051	2,562	942	3,547	354	2,211	4,486	1,031	3,121
1981: All hospitals [6]	7,027	2,514	949	3,564	338	2,154	4,535	1,038	3,210
General	6,138	2,115	732	3,291	299	1,894	3,945	831	2,853
Psychiatric	516	286	139	91	17	121	378	160	249
Chronic	47	29	4	14	-	7	40	14	18
Tuberculosis	11	9	-	2	-	1	10	1	3

- Represents zero. [1] Number of residents as of date of interview. [2] See footnote 2, table 178. [3] Includes 1976 data for California, District of Columbia, New York and North Carolina. [4] Includes 1978 data for Alaska and South Dakota. [5] Estimated. [6] Includes types not shown below.

Source: U.S. National Center for Health Statistics, *Health Resources Statistics*, annual through 1976, and 1978. Beginning 1979, unpublished data.

No. 169. Hospitals—Summary Characteristics, by Type of Service and Control: 1960 to 1981

[Covers hospitals accepted for registration by American Hospital Association; see text, pp. 101 and 102. Short-term hospitals have an average patient stay of less than 30 days; long-term, an average stay of longer duration. Special hospitals include obstetrics and gynecology; eye, ear, nose, and throat; rehabilitation; orthopedic; and chronic and other special hospitals except psychiatric, tuberculosis, alcoholism, and chemical dependency hospitals. See also *Historical Statistics, Colonial Times to 1970*, series B 305-318, B 331-344, and B 413-422]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
Number:										
All hospitals	6,876	7,123	7,123	7,156	7,082	7,099	7,015	6,988	6,965	6,933
With 100 beds or more	2,903	3,153	3,488	3,691	3,723	3,757	3,750	3,749	3,755	3,804
Non-Federal	6,441	6,680	6,715	6,774	6,702	6,722	6,645	6,627	6,606	6,585
Short-term general and special	5,407	5,736	5,859	5,979	5,956	5,973	5,935	5,923	5,904	5,879
Nongovernmental nonprofit	3,291	3,426	3,386	3,364	3,368	3,371	3,360	3,350	3,339	3,356
For profit	856	857	769	775	752	751	732	727	730	729
State and local government	1,260	1,453	1,704	1,840	1,836	1,851	1,843	1,846	1,835	1,794
Long-term general and special	308	283	236	215	197	189	169	165	157	146
Psychiatric	488	483	519	544	528	541	526	527	534	549
Tuberculosis	238	178	101	36	21	19	15	12	11	11
Federal	435	443	408	382	380	377	370	361	359	348
Beds (1,000):										
All hospitals	1,658	1,704	1,616	1,466	1,434	1,407	1,381	1,372	1,365	1,362
Rate per 1,000 population [1]	9.3	8.9	7.9	6.8	6.6	6.4	6.2	6.1	6.0	6.0
Beds per hospital	241	239	227	205	202	198	196	196	196	196
Non-Federal	1,481	1,530	1,455	1,334	1,305	1,284	1,259	1,255	1,248	1,246
Short-term general and special	639	741	848	947	961	974	980	988	992	1,007
Rate per 1,000 population [1]	3.6	3.9	4.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4
Nongovernmental nonprofit	446	515	592	659	671	680	684	690	693	706
For profit	37	47	53	73	76	80	81	83	87	88
State and local government	156	179	204	215	214	214	215	214	212	213
Long-term general and special	67	66	60	51	49	45	41	40	39	35
Psychiatric	722	685	527	330	291	261	235	224	215	202
Tuberculosis	52	37	20	6	4	3	3	2	2	2
Federal	177	174	161	132	129	124	122	117	117	116
Occupancy rate: [2]										
All hospitals	84.6	82.3	80.3	76.7	76.0	75.8	75.5	76.1	77.7	77.9
Non-Federal	(NA)	(NA)	(NA)	76.3	75.7	75.4	75.2	75.9	77.4	77.8
Short-term general and special	74.7	76.0	78.0	74.8	74.4	73.6	73.5	73.8	75.4	75.9
Nongovernmental nonprofit	76.6	77.8	80.1	77.4	77.1	76.3	76.1	76.5	78.2	78.5
For profit	65.4	68.6	72.2	65.9	64.8	64.6	63.8	63.9	65.2	66.4
State and local government	71.6	72.8	73.2	69.7	69.2	68.3	68.7	69.1	70.7	71.2
Long-term general and special	86.9	85.3	82.0	82.1	82.7	84.3	84.0	86.1	85.9	86.2
Psychiatric	93.1	88.6	84.8	80.3	79.1	80.7	80.9	83.2	85.2	85.9
Tuberculosis	75.4	70.0	61.8	57.7	57.8	60.4	59.9	61.8	67.0	66.5
Federal	87.2	86.1	79.6	80.7	79.3	79.6	78.4	78.2	80.1	79.0
Expenses (bil. dol.): [3]										
All hospitals	8.4	12.9	25.6	48.7	56.0	63.6	70.9	79.8	91.9	107.1
Non-Federal	7.3	11.4	23.1	44.2	50.7	57.5	64.2	72.5	84.0	98.5
Short-term general and special	5.6	9.1	19.6	39.1	45.4	51.8	58.3	66.2	77.0	90.7
Nongovernmental nonprofit	4.1	6.6	14.2	28.0	32.8	37.5	42.3	48.0	55.8	66.3
For profit	.3	.5	1.1	2.6	3.1	3.7	4.2	4.8	5.8	6.9
State and local government	1.2	2.0	4.3	8.6	9.5	10.6	11.9	13.4	15.3	17.6
Long-term general and special	.3	.4	.6	1.0	1.1	1.1	1.1	1.1	1.2	1.3
Psychiatric	1.2	1.7	2.7	4.0	4.2	4.5	4.7	5.1	5.8	6.4
Tuberculosis	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1
Federal	1.1	1.6	2.5	4.5	5.3	6.2	6.7	7.3	7.9	8.6
Personnel (1,000): [4]										
All hospitals	1,598	1,952	2,537	3,023	3,108	3,213	3,280	3,382	3,492	3,661
Non-Federal	1,412	1,754	2,321	2,766	2,839	2,935	3,002	3,109	3,213	3,378
Short-term general and special	1,080	1,386	1,929	2,399	2,483	2,581	2,662	2,762	2,879	3,039
Nongovernmental nonprofit	792	1,011	1,387	1,714	1,793	1,863	1,927	2,000	2,087	2,213
For profit	48	70	97	139	147	159	165	174	189	203
State and local government	241	306	444	546	543	559	571	588	602	622
Long-term general and special	55	65	69	68	66	63	58	61	56	61
Psychiatric	238	274	305	292	285	287	278	282	275	275
Tuberculosis	39	29	18	7	5	5	4	3	3	3
Federal	186	199	216	256	269	278	277	273	279	283
Personnel per 100 patients: [4]										
All hospitals	114	139	196	269	285	301	315	324	329	345
Non-Federal	113	140	198	272	287	303	317	327	333	348
Short-term general and special	226	246	292	339	347	360	370	379	385	398
Nongovernmental nonprofit	232	252	292	336	346	359	370	379	385	399
For profit	196	218	256	288	297	307	319	326	334	348
State and local government	215	234	298	365	367	382	387	398	401	411
Long-term general and special	95	115	140	162	163	167	168	174	170	200
Psychiatric	35	45	68	110	124	136	147	151	150	158
Tuberculosis	99	111	146	216	225	227	246	252	290	287
Federal	120	133	169	240	263	282	290	298	297	310

NA Not available. [1] Based on Bureau of the Census estimated resident population as of July 1. [2] Ratio of average daily census to every 100 beds. [3] Excludes new construction. [4] Includes full-time equivalents of part-time personnel.

Source: American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual. (Copyright.)

No. 170. Hospital Expense per Inpatient Day: 1970 to 1981

[**In dollars, except percent.** Covers non-Federal short-term general and special hospitals accepted for registration by American Hospital Association. For definition of short-term, see headnote, table 169. Inpatient days have been adjusted for outpatient visits]

EXPENSES BY HOSPITAL TYPE	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Total expenses	**74**	**83**	**95**	**102**	**113**	**133**	**152**	**173**	**194**	**216**	**244**	**284**
Annual percent change [1]	14.7	13.2	13.4	7.6	11.2	17.6	14.4	13.8	11.9	11.3	13.3	16.2
Nongovernmental nonprofit	75	86	95	103	113	133	153	175	195	218	246	286
For profit	71	81	92	99	109	133	156	177	202	226	257	299
State and local government	71	77	93	100	114	132	149	167	187	205	236	273
Labor expenses [2]	(NA)	53	59	63	69	79	88	100	111	123	138	161
Percent of total	(NA)	63.6	62.6	61.8	60.7	59.4	57.9	57.5	57.2	57.0	56.4	56.7
Nongovernmental nonprofit	(NA)	54	60	64	69	80	90	102	113	126	140	164
For profit	(NA)	45	50	52	56	65	73	82	91	105	118	140
State and local government	(NA)	51	59	63	71	81	85	99	110	120	135	157

NA Not available. [1] For explanation of annual percent change, see Guide to Tabular Presentation. Average change from prior year shown. For 1970, change from 1965. [2] Covers payroll and employee benefit expenses.

Source: American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual. (Copyright.)

No. 171. Average Daily Hospital Room Charges, 1976 to 1982, and Average Cost to Community Hospitals per Patient, 1975 and 1981—States

[**In dollars.** Average daily room charges cover nongovernmental short-term general hospitals and represent average cost to patient for a semiprivate room. Average cost per day and average cost per stay cover non-Federal short-term general or special hospitals (excluding psychiatric or tuberculosis) and represent average cost to community hospitals per patient. Cost per patient based on total hospital expenses (payroll, employee benefits, professional fees, supplies, etc.)]

STATE	AVERAGE DAILY ROOM CHARGE [1]			AVERAGE COST PER DAY [2]		AVERAGE COST PER STAY [2]		STATE	AVERAGE DAILY ROOM CHARGE [1]			AVERAGE COST PER DAY [2]		AVERAGE COST PER STAY [2]	
	1976	1980	1982	1975	1981	1975	1981		1976	1980	1982	1975	1981	1975	1981
U.S.	[3] 83	134	178	151	325	1,164	2,486	Mo	71	113	155	129	303	1,059	2,433
								Mont	75	121	167	111	223	711	1,830
Ala	62	109	135	114	260	831	1,886	Nebr	68	104	139	117	243	945	2,085
Alaska	121	197	233	225	540	1,128	3,139	Nev	88	129	169	182	451	1,186	3,018
Ariz	71	112	154	175	397	1,296	2,748	N.H	81	132	179	130	296	919	2,030
Ark	56	90	119	102	233	664	1,553	N.J	92	149	170	142	275	1,239	2,367
Calif	109	172	231	217	500	1,435	3,284	N. Mex	76	122	165	142	348	839	2,166
Colo	79	133	179	149	342	983	2,399	N.Y	105	160	198	189	335	1,875	3,277
Conn	93	127	163	189	379	1,415	2,868	N.C	53	89	117	115	253	872	1,898
Del	(NA)	141	195	163	312	1,350	2,580	N. Dak	66	102	132	98	225	818	1,968
D.C	(NA)	176	244	208	487	1,640	4,204	Ohio	89	143	192	138	320	1,140	2,573
Fla	77	114	149	151	317	1,118	2,375	Okla	63	104	142	129	311	862	2,000
Ga	63	101	134	139	279	889	1,855	Oreg	89	146	193	159	387	1,000	2,336
Hawaii	82	136	193	152	329	1,049	2,592	Pa	88	150	211	143	318	1,214	2,773
Idaho	73	123	164	121	276	765	1,732	R.I	102	139	180	188	352	1,506	2,946
Ill	89	151	209	160	360	1,281	2,894	S.C	53	84	114	114	238	831	1,782
Ind	75	114	152	127	265	1,004	2,196	S. Dak	58	99	137	98	213	690	1,677
Iowa	72	114	151	110	258	856	1,977	Tenn	63	95	119	114	263	854	1,874
Kans	64	109	148	113	282	881	2,152	Tex	63	97	128	129	296	876	1,947
Ky	64	99	136	110	251	779	1,680	Utah	71	119	157	148	372	830	2,044
La	58	94	131	137	321	889	2,068	Vt	82	120	178	131	255	1,023	2,100
Maine	79	131	174	137	301	1,018	2,403	Va	68	105	139	122	279	979	2,202
Md	88	129	162	181	341	1,502	2,897	Wash	90	129	184	172	365	961	2,072
Mass	102	155	192	205	410	1,745	3,645	W. Va	66	115	143	109	263	832	1,934
Mich	97	156	206	166	363	1,362	2,895	Wis	72	114	148	128	291	1,047	2,402
Minn	71	109	154	122	269	1,073	2,416	Wyo	65	110	144	117	287	643	1,725
Miss	44	76	97	102	225	705	1,555								

NA Not available. [1] As of July. [2] Source: American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual. (Copyright.) [3] Includes Puerto Rico.

Source: Except as noted, Health Insurance Association of America, Washington, D.C., *Source Book of Health Insurance Data*, annual.

No. 172. Hospital Facilities—Total, 1960 to 1981, and States and Puerto Rico, 1981

[Short-term hospitals have an average stay of less than 30 days. See also *Historical Statistics, Colonial Times to 1970*, series B 305-308 and B 359-362]

Year and state or other area	Number of hospitals		Beds (1,000)		Patients admitted (mil.)		Average daily census [2] (1,000)		Occupancy rate [3]		Personnel [4] (1,000)	Total outpatient visits (mil.)
	Total	Short-term [1]	Total	Short-term [1]	Total	Short-term [1]	Total	Short-term [1]	Total	Short-term [1]		
1960	6,876	5,407	1,658.0	639.1	25.0	23.0	1,401.9	477.4	84.6	74.7	1,598	(NA)
1965	7,123	5,736	1,703.5	741.3	28.8	26.5	1,402.6	563.4	82.3	76.0	1,952	125.6
1970	7,123	5,859	1,615.8	848.2	31.8	29.3	1,297.7	661.5	80.3	78.0	2,537	181.4
1971	7,097	5,865	1,555.6	866.5	32.7	30.1	1,236.8	664.8	79.5	76.7	2,589	199.7
1972	7,061	5,843	1,549.7	883.7	33.3	30.8	1,208.9	664.1	78.0	75.2	2,671	219.2
1973	7,123	5,891	1,534.7	903.3	34.4	31.8	1,189.0	681.5	77.5	75.4	2,769	233.6
1974	7,174	5,977	1,512.7	931.2	35.5	32.9	1,187.4	701.3	77.2	75.3	2,919	250.5
1975	7,156	5,979	1,465.8	947.0	36.2	33.5	1,124.9	708.1	76.7	74.8	3,023	254.8
1976	7,082	5,956	1,433.5	961.2	36.8	34.1	1,089.7	714.8	76.0	74.4	3,108	271.0
1977	7,099	5,973	1,407.1	973.9	37.1	34.4	1,065.9	716.7	75.8	73.6	3,213	263.8
1978	7,015	5,935	1,380.6	979.7	37.2	34.6	1,041.9	719.9	75.5	73.5	3,280	263.6
1979	6,988	5,923	1,371.8	987.7	37.8	35.2	1,043.4	729.0	76.1	73.8	3,382	262.0
1980	6,965	5,904	1,364.5	992.0	38.9	36.2	1,059.7	748.3	77.7	75.4	3,492	262.9
1981, U.S.	**6,933**	**5,879**	**1,361.5**	**1,006.8**	**39.2**	**36.5**	**1,060.9**	**764.4**	**77.9**	**75.9**	**3,661**	**265.3**
Ala.	146	131	25.8	19.8	.8	.7	19.9	14.8	76.9	74.4	62.9	3.6
Alaska	26	17	1.7	1.1	.1	–	1.1	.7	64.3	61.5	5.2	.9
Ariz.	78	58	11.6	9.1	.4	.4	8.7	6.9	75.1	75.2	37.3	3.7
Ark.	96	91	13.4	11.2	.5	.4	9.6	8.0	72.1	71.3	32.3	1.8
Calif.	594	507	111.8	83.4	3.5	3.2	81.5	58.1	72.9	69.6	335.4	29.0
Colo.	98	82	15.0	11.8	.5	.4	11.2	8.3	74.6	71.9	43.3	4.0
Conn.	65	40	18.1	10.9	.5	.4	15.2	8.7	83.7	79.9	51.2	3.9
Del.	15	8	4.2	2.1	.1	.1	3.6	1.8	86.4	84.3	10.3	.8
D.C.	17	12	8.7	4.7	.2	.2	6.8	3.7	77.9	79.2	30.6	2.3
Fla.	252	216	58.9	47.7	1.8	1.7	44.4	34.9	75.5	73.1	154.7	9.1
Ga.	192	165	32.3	24.4	1.0	1.0	24.2	17.6	74.8	72.0	87.4	6.6
Hawaii	27	19	4.1	2.8	.1	.1	3.2	2.2	77.3	76.8	12.6	1.2
Idaho	52	47	4.0	3.5	.1	.1	2.6	2.3	66.5	65.8	9.5	.9
Ill.	281	244	71.5	57.6	2.0	2.0	55.4	43.5	77.5	75.4	207.2	13.5
Ind.	134	116	32.2	24.3	.9	.9	25.5	19.0	79.4	78.1	82.0	5.8
Iowa	139	128	20.7	16.7	.6	.5	14.9	11.6	72.1	69.2	47.2	2.6
Kans.	166	149	18.3	13.8	.5	.5	13.3	9.4	72.6	68.4	47.1	3.7
Ky.	118	106	18.9	15.5	.7	.7	14.7	12.1	77.8	78.2	49.0	4.1
La.	156	139	26.5	19.4	.8	.8	19.6	13.6	73.7	70.1	67.0	4.7
Maine	49	45	6.8	5.2	.2	.2	5.3	3.9	78.3	74.3	19.8	1.9
Md.	85	55	25.0	15.1	.6	.5	21.0	12.6	84.3	83.5	71.2	5.5
Mass.	179	119	42.3	25.8	.9	.9	34.9	21.2	82.8	82.1	130.1	10.1
Mich.	236	207	49.0	39.9	1.5	1.4	38.9	31.2	79.5	78.3	146.3	10.8
Minn.	184	171	30.0	23.5	.7	.7	22.3	17.2	74.6	73.2	66.9	3.0
Miss.	118	108	17.7	12.8	.5	.5	13.0	9.0	73.6	70.2	37.7	2.4
Mo.	166	146	34.6	26.8	1.0	.9	26.5	20.3	76.7	75.8	94.6	5.3
Mont.	67	60	5.2	4.4	.1	.1	3.4	2.9	66.2	65.5	10.7	.8
Nebr.	110	100	11.9	10.1	.3	.3	8.3	7.0	69.9	69.3	27.3	1.7
Nev.	25	19	3.4	3.0	.1	.1	2.4	2.1	70.4	70.6	10.7	.9
N.H.	34	29	4.7	3.5	.1	.1	3.6	2.5	75.5	71.4	13.0	1.3
N.J.	132	104	42.2	30.9	1.1	1.1	35.3	25.6	83.7	82.7	103.8	6.7
N. Mex.	56	39	6.0	4.1	.2	.2	4.4	2.9	72.7	69.7	18.1	2.2
N.Y.	345	274	126.0	80.1	2.8	2.6	111.4	70.2	88.4	87.6	338.4	25.8
N.C.	160	134	32.5	23.8	1.0	.9	25.8	18.6	79.4	78.4	87.2	5.6
N. Dak.	59	52	6.0	4.7	.2	.1	4.1	3.3	69.6	69.4	12.5	.7
Ohio	239	205	64.0	50.6	1.9	1.8	50.9	39.9	79.6	78.9	179.9	12.0
Okla.	140	121	17.0	13.1	.6	.5	11.9	9.1	69.8	69.4	45.0	3.0
Oreg.	83	75	11.9	8.9	.4	.4	8.5	6.1	70.9	68.2	31.9	2.2
Pa.	312	249	83.6	57.1	2.1	2.0	68.5	45.7	81.9	80.0	215.7	16.3
R.I.	21	14	6.0	3.5	.1	.1	5.2	3.0	87.2	86.1	18.1	1.1
S.C.	91	75	17.3	11.8	.5	.4	13.3	9.2	77.1	78.0	41.1	4.2
S. Dak.	69	57	5.8	4.0	.1	.1	4.1	2.7	69.5	66.0	12.1	.8
Tenn.	167	149	31.5	25.1	1.0	1.0	24.2	19.0	76.9	76.0	79.5	3.7
Tex.	563	500	83.1	63.3	2.7	2.5	61.0	45.3	73.5	71.7	215.2	14.7
Utah	42	37	5.4	4.3	.2	.2	3.9	3.1	72.4	71.1	16.4	1.4
Vt.	19	16	2.9	2.2	.1	.1	2.2	1.7	75.7	73.9	7.9	.5
Va.	136	103	31.4	21.2	.9	.8	25.0	16.8	79.8	79.1	78.8	5.9
Wash.	123	106	16.0	12.3	.6	.6	12.1	9.0	75.3	73.1	48.8	4.9
W. Va.	76	66	12.9	10.4	.4	.4	10.0	8.0	77.7	77.0	32.1	2.6
Wis.	164	142	28.8	23.6	.8	.8	21.6	17.3	75.2	73.4	72.4	4.6
Wyo.	31	27	2.7	1.9	.1	.1	1.9	1.2	68.7	62.6	6.1	.5
P.R.	62	56	11.2	9.0	.4	.4	8.6	6.9	77.5	76.5	26.0	3.0

– Represents zero. NA Not available. [1] Non-Federal hospitals. [2] Inpatients receiving treatment each day; excludes newborn. [3] Ratio of average daily census to every 100 beds. [4] Includes full-time equivalents of part-time personnel.

Source: American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual. (Copyright.)

No. 173. Hospital Utilization Rates, by Sex, 1965 to 1981, and Age and Diagnosis, 1981

[Covers estimates of inpatients discharged from noninstitutional, short-stay hospitals, exclusive of Federal hospitals. Excludes newborn. Based on sample data collected from the National Hospital Discharge Survey, a sample survey of hospital records of patients discharged in year shown; subject to sampling variability]

Year, patient's age class, and first-listed diagnosis	Patients discharged (1,000)	Patients discharged per 1,000 persons [1]			Days of care per 1,000 persons [1]			Average stay (days)			Beds used per day [2]
		Total	Male	Female	Total	Male	Female	Total	Male	Female	
1965	28,792	152	121	180	1,186	1,018	1,339	7.8	8.4	7.4	325
1970	29,127	144	118	169	1,122	982	1,251	8.0	8.7	7.6	321
1973	32,125	153	127	178	1,190	1,046	1,322	7.8	8.3	7.4	332
1974	33,018	156	128	182	1,208	1,066	1,340	7.7	8.3	7.4	338
1975	34,043	159	131	186	1,227	1,079	1,366	7.7	8.2	7.4	344
1976	34,372	159	132	185	1,206	1,065	1,337	7.6	8.1	7.2	339
1977	35,902	165	137	191	1,203	1,064	1,333	7.3	7.8	7.0	339
1978	35,616	162	135	186	1,188	1,052	1,315	7.4	7.8	7.1	336
1979	36,747	165	137	191	1,185	1,045	1,315	7.2	7.7	6.9	335
1980	37,832	168	139	194	1,217	1,068	1,356	7.3	7.7	7.0	337
1981, total [3]	**38,544**	**169**	**140**	**197**	**1,218**	**1,072**	**1,354**	**7.2**	**7.7**	**6.9**	**334**
Under 1 year	917	255	281	228	1,710	1,845	1,568	6.7	6.6	6.9	468
1-4 years	1,123	84	95	72	310	346	272	3.7	3.6	3.8	85
5-14 years	1,693	49	53	45	204	220	187	4.1	4.1	4.1	55
15-24 years	5,670	138	75	199	622	452	789	4.5	6.0	4.0	170
25-34 years	6,402	167	90	242	849	566	1,123	5.1	6.3	4.6	233
35-44 years	3,654	139	113	164	886	767	998	6.4	6.8	6.1	243
45-64 years	8,677	195	194	196	1,564	1,526	1,599	8.0	7.9	8.1	429
65 years and over	10,408	397	427	376	4,155	4,382	4,003	10.5	10.3	10.6	1,138
Diseases of heart	3,339	15	16	13	137	142	130	9.3	8.8	9.8	37
Malignant neoplasms	1,949	9	8	9	100	98	102	11.7	11.9	11.5	27
Fracture	1,138	5	5	5	53	46	60	10.6	8.8	12.5	15
Neuroses [4]	1,179	5	6	4	53	63	44	10.2	10.5	9.7	9
Pneumonia	769	3	4	3	29	30	28	8.6	8.6	8.6	8

[1] Based on Bureau of the Census estimated civilian population as of July 1. [2] Average daily number of beds occupied per 100,000 civilian population. [3] Includes other first-listed diagnoses not shown separately. [4] Includes nonpsychotic disorders.

No. 174. Hospital Discharges and Days of Care by Sex, Age and Diagnosis: 1981

[See headnote, table 173]

Age and first-listed diagnosis	Discharges		Days of care per 1,000 persons [1]	Average stay (days)
	Number (1,000)	Per 1,000 persons [1]		
Male				
All ages [2]	**15,379**	**139.9**	**1,071.7**	**7.7**
Diseases of heart	1,773	16.1	142.1	8.8
Malignant neoplasms	901	8.2	97.7	11.9
Fracture	574	5.2	45.9	8.8
Inguinal hernia	430	3.9	17.8	4.6
Pneumonia	384	3.5	29.9	8.6
Under 15 years [2]	2,101	80.2	366.9	4.6
Pneumonia	130	5.0	25.9	5.2
Fracture	101	3.8	21.3	5.5
Congenital anomalies	118	4.5	27.3	6.1
Inguinal hernia	76	2.9	6.9	2.4
Bronchitis, emphysema asthma	113	4.3	15.8	3.6
15-44 years [2]	4,672	89.8	570.3	6.4
Fracture	304	5.8	45.9	7.9
Neuroses [3]	179	3.4	36.4	10.6
Lacerations	167	3.2	16.5	5.1
Sprains and strains	98	1.9	12.1	6.4
Diseases of heart	153	2.9	18.9	6.4
45-64 years [2]	4,098	194.1	1,526.0	7.9
Diseases of heart	737	34.9	280.4	8.0
Malignant neoplasms	302	14.3	153.2	10.7
Neuroses [3]	55	2.6	25.4	9.8
Inguinal hernia	133	6.3	29.7	4.7
Fracture	89	4.2	38.7	9.1
65 years and over [2]	4,507	426.8	4,382.2	10.3
Diseases of heart	868	82.2	813.0	9.9
Malignant neoplasms	502	47.5	609.8	12.8
Cerebrovascular diseases	252	23.8	293.0	12.3
Hyperplasia of prostate	181	17.1	160.1	9.3
Pneumonia	141	13.4	156.6	11.7
Female				
All ages [2]	**23,165**	**196.7**	**1,354.1**	**6.9**
Delivery	3,913	33.2	123.3	3.7
Diseases of heart	1,566	13.3	130.0	9.8
Malignant neoplasms	1,047	8.9	102.1	11.5
Fracture	564	4.8	59.8	12.5
Benign neoplasms	475	4.0	24.9	6.2
Under 15 years [2]	1,632	65.2	306.0	4.7
Pneumonia	99	4.0	20.1	5.1
Fracture	54	2.2	12.7	5.9
Congenital anomalies	72	2.9	14.3	5.0
Bronchitis, emphysema, asthma	68	2.7	10.9	4.0
Eye diseases, conditions	39	1.6	3.6	2.3
15-44 years [2]	11,053	205.8	962.7	4.7
Delivery	3,894	72.5	269.0	3.7
Disorders of menstruation	320	6.0	20.2	3.4
Benign neoplasms	243	4.5	24.0	5.3
Neuroses [3]	238	4.4	38.4	8.7
Cholelithiasis [4]	137	2.6	19.3	7.6
45-64 years [2]	4,579	196.4	1,598.5	8.1
Diseases of heart	420	18.0	157.8	8.8
Malignant neoplasms	420	18.0	191.2	10.6
Benign neoplasms	147	6.3	41.6	6.6
Disorders of menstruation	84	3.6	12.9	3.6
Neuroses [3]	85	3.7	34.3	9.4
65 years and over [2]	5,901	376.0	4,002.5	10.6
Diseases of heart	1,048	66.8	695.8	10.4
Malignant neoplasms	479	30.6	395.6	12.9
Fracture	292	18.6	308.1	16.5
Cerebrovascular diseases	342	21.8	291.5	13.4
Eye diseases, conditions	312	19.9	72.4	3.6

[1] Based on Bureau of the Census estimated civilian population as of July 1. [2] Includes other first-listed diagnoses, not shown separately. [3] Includes nonpsychotic disorders. [4] Gallstones.

Source of tables 173 and 174: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 13, and unpublished data.

No. 175. Hospital Use Rates, by Type of Hospital: 1960 to 1981

[See also *Historical Statistics, Colonial Times to 1970*, series B 384-387]

TYPE OF HOSPITAL	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
Non-Federal short-term: [1]										
Admissions per 1,000 population [2]	128	137	140	156	157	156	156	157	159	159
Admissions per bed	36	36	34	35	35	35	35	36	36	36
Average length of stay [3] (days)	7.4	7.7	8.2	7.7	7.7	7.6	7.6	7.6	7.6	7.6
Outpatient visits per admission	(NA)	(NA)	4.5	5.9	6.1	5.9	6.0	5.8	5.7	5.7
Outpatient visits per 1,000 population [2]	(NA)	(NA)	641	911	953	929	930	908	913	901
Surgical operations (million)	(NA)	(NA)	(NA)	16.7	16.9	17.2	17.2	18.3	18.8	19.2
Number per admission	(NA)	(NA)	(NA)	.5	.5	.5	.5	.5	.5	.5
Psychiatric:										
Admissions per 1,000 population [2]	2.3	2.9	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7
Days in hospital per 1,000 population [2]	1,491	1,261	862	490	423	385	345	334	326	304

NA Not available. [1] General and special; excludes psychiatric and tuberculosis. Short-term hospitals have an average patient stay of less than 30 days. [2] Based on Bureau of the Census estimated resident population as of July 1. [3] Number of inpatient days divided by number of admissions.

Source: American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual (copyright), and unpublished data.

No. 176. Surgical Operations in Short-Stay Hospitals: 1971 to 1981

[Excludes newborn infants and discharges from Federal hospitals. See headnote, table 173]

SEX AND TYPE OF OPERATION	NUMBER OF OPERATIONS (mil.)						RATE PER 1,000 POPULATION [1]					
	1971	1975	1978	1979	1980	1981	1971	1975	1978	1979	1980	1981
Total [2]	15.77	20.04	20.75	23.86	24.49	25.62	77.0	93.7	94.1	107.0	108.6	112.6
Male [3]	6.16	7.37	7.83	8.18	8.50	8.77	62.4	71.4	73.6	76.0	78.1	79.8
Operations on the musculoskeletal system	1.07	1.34	1.47	1.53	1.54	1.56	10.8	13.0	13.8	14.2	14.2	14.1
Operations on the cardiovascular system	.30	.52	.71	.70	.80	.89	3.0	5.1	6.7	6.5	7.4	8.1
Biopsy	.24	.35	.45	.51	.55	.55	2.4	3.4	4.2	4.7	5.0	5.0
Repair of inguinal hernia	.44	.48	.45	.45	.48	.46	4.9	4.7	4.2	4.2	4.4	4.2
Operations on the eye	.25	.33	.37	.40	.45	.51	2.6	3.2	3.5	3.7	4.1	4.6
Prostatectomy	.21	.27	.30	.29	.34	.35	2.1	2.6	2.8	2.7	3.1	3.2
Tonsillectomy with or without adenoidectomy	.45	.30	.23	.22	.20	.19	4.5	2.9	2.2	2.0	1.8	1.7
Cardiac catheterization	.06	.13	.21	.20	.23	.27	.6	1.2	2.0	1.8	2.1	2.5
Appendectomy [4]	.16	.16	.15	.16	.15	.17	1.7	1.5	1.4	1.5	1.3	1.6
Female [2 3]	9.59	12.66	12.92	15.68	15.99	16.85	90.4	114.6	113.3	136.0	137.1	143.1
Operations on the female genital organs [3]	2.79	3.89	3.82	4.23	4.26	4.22	26.3	35.2	33.5	36.7	36.5	35.8
Diagnostic dilation and curettage of uterus	.77	.98	.97	.94	.92	.83	7.3	8.8	8.5	8.1	7.9	7.1
Hysterectomy	.57	.73	.64	.64	.65	.67	5.4	6.6	5.6	5.5	5.6	5.7
Bilateral destruction or occlusion of Fallopian tubes	.21	.37	.55	.61	.64	.65	2.0	3.3	4.9	5.3	5.5	5.5
Obstetrical procedures [2]	.97	1.25	1.47	3.47	3.80	3.93	9.2	11.3	12.9	30.1	30.9	33.4
Cesarean section	.19	.33	.51	.60	.62	.70	1.8	3.0	4.5	5.2	5.3	6.0
Operations on the musculoskeletal system	.88	1.26	1.36	1.38	1.49	1.63	8.3	11.4	11.9	12.0	12.7	13.8
Biopsy	.52	.75	.73	.82	.80	.86	4.9	6.8	6.4	7.1	6.9	7.3
Operations on the eye	.31	.42	.51	.55	.60	.73	2.9	3.8	4.5	4.7	5.1	6.2
Cholecystectomy	.29	.34	.32	.33	.34	.35	2.7	3.1	2.8	2.8	2.9	3.0
Tonsillectomy with or without adenoidectomy	.52	.39	.32	.29	.27	.27	4.9	3.5	2.8	2.5	2.3	2.3
Appendectomy [4]	.15	.16	.15	.15	.15	.14	1.4	1.4	1.3	1.3	1.2	1.2

[1] Based on Bureau of the Census estimated civilian population as of July 1.
[2] Beginning 1979, includes some obstetrical procedures for inducing or assisting delivery which were excluded prior to 1979.
[3] Includes types of operations not shown separately. [4] Excluding incidental.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 13, and unpublished data.

No. 177. Nursing and Personal Care Homes—Selected Characteristics: 1969 to 1980

[In thousands, except as indicated. Data based on periodic surveys; for details, see source]

CHARACTERISTIC	1969	1973-1974 [1]	1977 [2]	1980	CHARACTERISTIC	1969	1973-1974 [1]	1977 [2]	1980
Nursing homes, total	16.4	15.7	16.9	23.1	**Beds, total**	881	1,175	1,402	1,537
Proprietary	14.2	11.9	14.5	18.7	Average per home	48	75	74	67
Nonprofit	2.8	2.7	3.4	3.5	Per 1,000 persons 65 and over	45.2	55.2	59.7	60.2
Government	1.4	1.2	1.0	.9					
Less than 50 beds	11.7	6.4	8.0	11.5					
50-99 beds	4.6	5.5	5.8	5.7					
100 beds or more	2.1	3.8	5.1	5.8					

[1] Excludes personal care homes without nursing. [2] Includes domiciliary care homes.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 12 and 13, and unpublished data.

No. 178. Nursing and Related Care Facilities: 1970 to 1982

[Count of nursing and related care homes based on National Master Facility Inventory compiled by the U.S. National Center for Health Statistics; see Appendix III]

ITEM	Unit	1970	1971	1973	1975	1976	1978	1979	1980	1981	1982
Nursing and related care: [1]											
Facilities	Number	(NA)	22,004	21,834	(NA)	20,468	[2] 18,722	(NA)	[3] 23,065	(NA)	(NA)
Beds	1,000	(NA)	1,202	1,328	(NA)	1,415	[2] 1,349	(NA)	[3] 1,537	(NA)	(NA)
Resident patients	1,000	(NA)	1,076	1,198	(NA)	1,293	[2] 1,240	(NA)	[3] 1,396	(NA)	(NA)
Personnel employed [4]	1,000	(NA)	568	636	(NA)	653	[2] 664	(NA)	[3] 798	(NA)	(NA)
Per 1,000 patients	Rate	(NA)	528	531	(NA)	505	[2] 535	(NA)	[3] 571	(NA)	(NA)
Skilled nursing facilities [5]	Number	4,646	4,277	3,970	3,926	3,922	4,745	4,958	5,052	5,258	5,408
Beds	1,000	333	307	287	287	309	408	420	436	458	488
Per 1,000 Medicare enrollees [6]	Rate	16.6	15.1	13.5	13.0	13.7	17.3	17.4	17.7	18.2	19.1

NA Not available. [1] Places providing some form of nursing, personal, or domiciliary care; standards vary widely among States. Includes skilled nursing facilities. Some changes in data beginning 1976 may be due to dependence on State collection; see Appendix III. [2] Includes 1976 data for California, District of Columbia, New York, and North Carolina. [3] Includes 1978 data for Alaska and South Dakota. [4] Full-time employees only. [5] Source: Through 1976, U.S. Social Security Administration, *Health Insurance Statistics* and unpublished data. Beginning 1978, U.S. Health Care Financing Administration, *Medicare: Participating Health Facilities, 1979; Medicare Participating Providers and Suppliers of Health Services, 1980;* and unpublished data. Covers facilities and beds certified for participation under Medicare as of mid-year. Includes facilities which have transfer agreements with one or more participating hospitals, and are engaged primarily in providing skilled nursing care and related services for the rehabilitation of injured, disabled, or sick persons.

[6] Based on number of aged persons residing in United States who were enrolled in the Medicare hospital insurance program as of July 1 of year stated.

Source: Except as noted, U.S. National Center for Health Statistics, *Health Resources Statistics*, annual through 1976 and 1978. Beginning 1979, unpublished data.

No. 179. Nursing and Related Care Facilities, by States: 1971 and 1980

[Data are for places providing some form of nursing, personal, or domiciliary care; standards vary widely among States. For composition of regions, see fig. I, inside front cover. Based on National Master Facility Inventory; see Appendix III]

REGION, DIVISION, AND STATE	FACILITIES		BEDS (1,000)		RESIDENT PATIENTS (1,000)	
	1971	1980	1971	1980	1971	1980
U.S.	22,004	23,065	1,202	1,537	1,076	1,396
Regions:						
Northeast	4,451	3,762	263.6	322.5	243.9	300.2
No. Central	6,640	8,252	397.0	521.7	360.6	468.0
South	5,060	5,306	305.1	420.8	269.0	379.6
West	5,853	5,745	235.9	272.4	202.2	248.3
N. Eng	2,054	1,913	94.0	104.9	87.4	97.0
Maine	288	424	7.4	11.3	6.8	10.6
N.H	140	87	5.5	6.7	5.0	6.1
Vt	101	172	3.0	4.7	2.8	4.2
Mass	960	800	49.7	52.3	46.1	48.5
R.I	185	110	6.5	8.7	6.1	8.1
Conn	380	320	21.9	21.2	20.6	19.5
Mid. Atl	2,397	1,849	169.6	217.7	155.5	203.1
N.Y	1,096	828	81.1	104.0	76.3	99.5
N.J	548	471	30.8	37.8	27.7	35.0
Pa	753	550	57.7	75.9	52.5	68.6
E. No. Cent	3,811	5,644	239.9	339.1	217.5	303.4
Ohio	1,191	960	59.5	76.3	53.2	69.8
Ind	522	458	32.5	44.5	29.0	38.3
Ill	1,046	761	66.9	88.4	61.1	77.6
Mich.[1]	562	3,038	43.3	80.1	40.2	71.2
Wis	490	427	37.6	49.8	34.0	46.5
W. No. Cent	2,829	2,608	157.2	182.5	143.1	164.7
Minn	593	409	41.1	41.9	38.0	38.3
Iowa	747	489	33.8	34.6	30.4	31.8
Mo	494	867	32.0	46.7	26.5	40.7
N. Dak	109	86	6.2	6.5	5.9	6.1
S. Dak	153	[2] 138	7.0	[2] 8.6	6.6	[2] 8.1
Nebr	253	262	15.1	19.0	13.7	17.3
Kans	480	357	21.9	25.2	20.0	22.4
So. Atl	2,378	2,639	124.2	170.5	110.1	153.8
Del	34	32	1.9	2.5	1.7	2.4
Md	195	187	14.7	20.7	13.8	19.6
D.C	73	49	2.8	3.2	2.5	2.7
Va	335	436	15.7	27.4	14.1	21.7
W. Va	124	120	3.9	6.4	3.5	5.7
N.C	843	940	19.2	32.2	17.5	30.2
S.C	118	194	7.5	12.0	6.6	10.8
Ga	283	326	22.8	30.0	20.8	28.3
Fla	373	355	35.9	36.1	29.6	32.4
E. So. Cent	904	925	53.5	81.0	47.1	73.9
Ky	344	310	18.6	26.3	16.5	23.5
Tenn	234	249	14.3	21.7	12.2	19.4
Ala	192	210	13.4	20.7	12.3	19.4
Miss	134	156	7.1	12.3	6.2	11.6
W. So.Cent	1,778	1,742	127.4	169.3	111.8	151.8
Ark	218	196	15.1	19.2	13.8	17.8
La	212	201	14.6	21.7	13.3	20.8
Okla	411	348	26.9	27.1	23.8	24.0
Tex	937	997	70.8	101.3	60.8	89.2
Mt	740	620	41.2	48.7	36.9	43.9
Mont	103	86	4.5	5.7	4.1	5.3
Idaho	64	57	3.9	4.4	3.4	4.0
Wyo	34	19	1.7	1.8	1.6	1.6
Colo	212	161	16.4	17.3	14.9	15.4
N. Mex	60	72	3.3	3.1	2.6	2.8
Ariz	82	120	5.2	9.3	4.6	8.3
Utah	142	74	4.8	5.1	4.4	4.6
Nev	43	31	1.4	2.0	1.2	1.9
Pac	5,113	5,125	194.7	223.9	165.4	204.4
Wash	385	543	28.6	39.2	25.2	35.9
Oreg	311	196	17.2	17.4	16.0	16.3
Calif	4,277	4,134	146.0	163.5	121.5	148.8
Alaska	8	[2] 9	.7	[2] 1.0	.5	[2] .8
Hawaii	132	243	2.3	2.8	2.2	2.6

[1] Data for 1980 include 2,500 adult foster care homes, some of which may or may not have been included in 1971. [2] 1978 data.

Source: U.S. National Center for Health Statistics, *Health Resources Statistics, 1974.* 1980 data unpublished.

NO. 180. PATIENT CARE EPISODES AND INPATIENT DAYS OF CARE IN MENTAL HEALTH FACILITIES, BY TYPE OF TREATMENT FACILITY: 1965 TO 1979

["Patient care episodes" is defined as the number of residents in inpatient facilities or the number of persons on the rolls of outpatient facilities at the beginning of the year plus the total additions to both types of facilities during the year. Excludes private psychiatric office practice, psychiatric service modes of all types in hospitals or outpatient clinics of Federal agencies other than Veterans' Administration (VA), inpatient service modes of multi-service facilities not shown in this table, all partial care episodes, and outpatient episodes of VA hospitals]

ITEM AND YEAR	All facilities	INPATIENT SERVICES						OUTPATIENT PSYCHIATRIC SERVICES		
		Total	Mental care hospitals		General [2]	VA	Community mental health centers [3]	Total	Community mental health centers [3]	Other
			State and county	Private [1]						
PATIENT CARE EPISODES										
Number (1,000):										
1965	2,637	1,566	805	125	519	116	(NA)	1,071	(NA)	1,071
1971	4,038	1,721	748	127	543	177	130	2,317	623	1,694
1975	6,409	1,791	599	165	566	214	247	4,618	1,585	3,033
1977	6,393	1,817	574	184	572	218	269	4,577	1,742	2,835
1979	[4] 6,405	[4] 1,803	529	185	[5] 572	[5] 218	[6] 299	[4] 4,602	[6] 1,950	[7] 2,652
Percent distribution:										
1965	100.0	59.4	30.5	4.8	19.7	4.4	(NA)	40.6	(NA)	40.6
1971	100.0	42.6	18.5	3.1	13.4	4.4	3.2	57.4	15.4	42.0
1975	100.0	27.9	9.3	2.6	8.8	3.3	3.9	72.1	24.7	47.4
1979	[4] 100.0	[4] 28.2	8.3	2.9	[5] 8.9	[5] 3.4	[6] 4.7	[4] 71.8	[6] 30.4	[7] 41.4
Rate per 100,000 population:										
1965	1,376	817	420	65	271	60	(NA)	559	(NA)	559
1971	1,981	847	365	66	266	87	64	1,134	305	829
1975	3,033	847	283	78	268	101	117	2,185	750	1,435
1979	[4] 2,863	[4] 806	236	83	[5] 256	[5] 97	[6] 134	[4] 2,058	[6] 872	[7] 1,186
INPATIENT DAYS (1,000)										
1971	(X)	153,104	119,200	10,576	6,826	14,277	2,225	(X)	(X)	(X)
1975	(X)	104,907	70,584	10,301	8,349	11,725	3,948	(X)	(X)	(X)
1979	(X)	[4] 83,491	50,110	11,605	[5] 7,085	[5] 10,628	[6] 4,063	(X)	(X)	(X)

NA Not available. X Not applicable. [1] Includes estimates for residential treatment centers for emotionally disturbed children. [2] Hospitals (non-VA) with psychiatric inpatient units. [3] Federally funded. [4] Totals include 1977 and 1978 data shown. [5] 1977 data. [6] 1978 data. [7] Includes 1977 data for outpatient services of non-Federal general hospitals.

Source: U.S. National Institute of Mental Health, *Statistical Note 154*, DHHS Publication, No. (ADM) 80-158, 1980 and unpublished data.

NO. 181. RESIDENTIAL FACILITIES FOR THE MENTALLY RETARDED: 1960 TO 1982

[For years ending June 30. Mentally retarded people refers to those who have been so designated by State governments in the process of placing them into residential facilities]

ITEM	STATE-OPERATED FACILITIES [1]							Community facilities, [3] 1977
	1960	1965	1970	1975	1980 [2]	1981 [2]	1982 [2]	
Number of institutions	108	143	190	210	394	371	364	4,427
Resident patients, beginning of year	158,682	181,549	189,956	166,689	148,734	140,043	132,235	(NA)
Admissions [4]	14,701	17,300	14,985	13,424	14,064	11,510	10,111	17,398
Deaths in institutions	3,202	3,583	3,496	2,752	2,142	1,965	1,701	612
Live releases [5]	6,451	7,993	14,702	18,320	16,225	14,643	13,479	9,297
Resident patients, end of year	163,730	187,273	186,743	159,041	140,230	131,996	124,868	[6] 76,250
Rate per 100,000 population [7]	91.9	97.7	92.5	74.4	62.2	58.0	54.0	35.0
Average daily resident patients	163,282	189,172	187,697	161,061	136,304	128,874	123,294	(NA)
Maintenance expenditures per day per average daily resident patient (dollars) [8]	5	6	13	31	68	84	89	[9] 20

NA Not available. [1] Data as submitted by many State agencies; figures reflect some estimates. Resident patients at the end of a year do not equal the number at the beginning of a succeeding year. Includes estimates for underreporting. [2] Includes data for 142 facilities in 1980, 126 facilities in 1981, and 119 facilities in 1982, operated as mental hospitals or other care facilities and which have at least 10 mentally retarded residents. The average daily number of mentally retarded residents in these facilities was 8,240 in 1980; 5,900 in 1981, and 6,056 in 1982. [3] A community-based living quarter which provides 24-hour, 7-days-a-week responsibility for room, board, and supervision of mentally retarded persons. Excludes single family homes providing services to a relative; nursing homes, boarding homes and foster homes not formally licensed or contracted as mental retardation service providers; and independent living programs which have no staff residing in facility. [4] Includes readmissions and excludes transfers. [5] 1960-1975, represents excess of patients released alive from hospital over those returning to hospital. Beginning 1980, total live releases. [6] 62,397 of 76,250 residents had primary diagnosis of mental retardation. [7] Based on Bureau of the Census estimated civilian population as of July 1. [8] Reporting facilities only, includes salaries and wages, purchased provisions, fuel, light, water, etc. [9] Represents average daily reimbursement rate.

Source: State-operated facilities: U.S. Office of Human Development Services, *Residents in Public Institutions for the Mentally Retarded*, annual, through 1970, and unpublished data; 1980, Krantz, Clumpner, Rotegard, and Bruininks, *Mentally Retarded People in State-Operated Residential Facilities, Year Ending June 30, 1980*. 1981 and 1982, Rotegard and Bruininks, *Mentally Retarded People in State-Operated Residential Facilities: Years Ending June 30, 1981 and June 30, 1982*. University of Minnesota, Minneapolis, Minn. Community Facilities: Bruininks, Hauber, and Kudla; *National Survey of Community Residential Facilities: A Profile of Facilities and Residents in 1977*, 1979.

NO. 182. PATIENTS IN MENTAL HEALTH FACILITIES: 1977 TO 1982

[Additions comprise admissions and readmissions]

REGION, DIVISION, AND STATE	MENTAL CARE HOSPITALS [1]				Outpatient psychiatric services, additions, [1 2] 1979	General hospitals with psychiatric inpatient units, discharges, [1 3] 1977	STATE FACILITIES FOR MENTALLY RETARDED [4]			Community facilities, mentally retarded residents, [5 7] 1977
	State and county, 1980		Private, 1979				Resident patients,[5] 1982	Total admissions,[6] 1982	Total live releases,[6] 1982	
	Resident patients, end of year	Total additions	Resident patients, end of year	Total additions						
Facilities, number	280		185		2,431	843		245		4,427
U.S	133,550	377,982	12,921	140,831	2,634,727	551,190	177,850	7,837	10,956	62,397
N. Eng	**7,777**	**30,173**	**1,753**	**14,497**	**209,968**	**19,877**	**8,993**	**1807**	**467**	**3,930**
Maine	654	1,785	-	-	16,292	438	403	285	267	629
N.H	464	1,335	53	720	16,231	873	476	-	35	105
Vt	256	620	62	651	8,981	397	280	5	26	220
Mass	3,270	8,286	757	8,080	106,574	10,537	4,019	43	24	1,848
R.I	723	4,173	145	2,323	16,124	1,067	561	7	115	181
Conn	2,410	13,974	736	2,723	45,766	6,565	3,254	1,467	(NA)	947
Mid. Atl	**41,421**	**50,304**	**2,113**	**22,781**	**478,651**	**98,065**	**25,695**	**1,018**	**3,123**	**10,205**
N.Y	25,530	33,766	637	5,318	286,397	59,921	12,768	864	1,535	3,314
N.J	5,468	8,958	404	3,752	62,626	13,552	6,280	(NA)	1,052	789
Pa	10,423	7,580	1,072	13,711	129,628	24,592	6,647	154	536	6,102
E. No. Cent	**18,144**	**61,711**	**1,736**	**20,318**	**454,289**	**113,906**	**17,471**	**959**	**1,908**	**15,250**
Ohio	5,915	15,562	428	5,416	111,361	32,797	3,710	311	919	2,485
Ind	2,769	6,599	-	-	82,552	12,959	2,810	95	176	479
Ill	4,142	21,711	498	4,935	123,793	34,050	4,830	194	535	6,076
Mich	4,464	13,750	576	7,929	92,969	18,527	3,967	247	179	4,126
Wis	854	4,089	234	2,038	43,614	15,573	2,154	112	99	2,084
W. No. Cent	**9,524**	**42,294**	**315**	**1,917**	**196,581**	**59,200**	**8,481**	**589**	**754**	**9,424**
Minn	2,325	6,828	-	-	52,419	18,883	1,283	152	98	3,140
Iowa	1,097	6,086	-	-	24,822	11,682	1,684	83	136	1,150
Mo	3,295	19,259	81	1,217	37,530	13,448	1,952	178	242	2,663
N. Dak	570	2,536	-	-	11,609	1,969	1,000	9	36	185
S. Dak	437	1,141	-	-	10,338	804	604	5	22	260
Nebr	608	3,190	-	-	15,207	4,124	538	21	28	937
Kans	1,192	3,252	234	700	44,656	8,290	1,420	141	192	1,089
So. Atl	**28,741**	**84,323**	**3,056**	**33,781**	**429,304**	**84,482**	**18,703**	**1,246**	**1,668**	**4,668**
Del	625	1,882	29	737	6,091	367	513	16	11	89
Md	3,334	9,333	617	2,709	41,324	5,000	2,856	269	359	374
D.C	2,088	4,949	143	1,545	16,672	4,022	950	-	6	40
Va	4,839	10,099	739	8,492	48,777	13,172	3,471	170	211	508
W. Va	1,746	1,863	46	1,310	23,267	5,400	481	49	38	56
N.C	3,310	15,118	315	2,910	66,721	12,091	3,158	27	74	643
S.C	3,233	6,526	-	-	30,784	5,333	3,000	178	181	310
Ga	4,282	28,508	502	6,709	87,431	12,192	1,139	354	435	306
Fla	5,284	6,045	665	9,369	108,237	26,905	3,135	183	353	2,342
E. So. Cent	**6,954**	**21,094**	**728**	**12,234**	**147,570**	**27,454**	**5,991**	**417**	**449**	**2,414**
Ky	554	2,406	357	5,741	47,486	7,500	677	20	13	950
Tenn	2,614	10,189	166	2,178	43,575	8,558	2,172	100	86	903
Ala	2,019	3,391	166	3,619	32,687	8,625	1,472	79	59	207
Miss	1,767	5,108	39	696	23,822	2,771	1,670	218	291	354
W. So. Cent	**9,354**	**44,631**	**1,338**	**10,124**	**171,013**	**56,532**	**16,327**	**952**	**1,064**	**4,335**
Ark	256	2,062	-	-	32,875	2,677	1,365	26	77	215
La	2,203	8,543	326	2,746	28,051	6,350	3,404	276	224	1,256
Okla	1,190	8,376	40	723	34,529	6,673	1,803	118	128	584
Tex	5,705	25,650	972	6,655	75,558	40,832	9,755	532	635	2,280
Mt	**2,945**	**11,413**	**359**	**5,003**	**173,389**	**19,344**	**4,273**	**285**	**452**	**2,644**
Mont	319	1,317	-	-	12,725	1,390	279	5	16	438
Idaho	213	523	-	-	11,054	990	351	15	19	266
Wyo	261	749	-	-	12,291	-	441	7	34	101
Colo	1,180	4,872	205	2,611	55,936	5,108	1,273	58	142	848
N. Mex	227	1,702	57	793	16,428	755	503	46	35	206
Ariz	324	697	97	1,599	39,682	5,786	525	25	83	343
Utah	306	640	-	-	14,403	3,376	742	37	41	412
Nev	115	913	-	-	10,870	1,939	159	92	82	30
Pac	**8,690**	**32,039**	**1,523**	**20,176**	**373,962**	**72,330**	**11,916**	**564**	**1,071**	**9,527**
Wash	1,382	5,003	107	1,429	51,018	11,230	1,899	80	225	1,550
Oreg	1,011	5,928	42	400	29,413	5,940	1,629	82	152	811
Calif	5,915	19,262	1,374	18,347	280,710	53,875	7,921	376	653	6,870
Alaska	143	1,030	-	-	3,632	244	82	8	14	119
Hawaii	239	816	-	-	9,189	1,041	385	18	27	177

- Represents zero. NA Not available. [1] Includes estimates for nonreporting facilities. [2] The latest data are shown for each facility type. Data for non-Federal general and VA hospitals are for 1977; for federally funded community mental health centers, 1980; and for State and county mental hospitals, private psychiatric hospitals, freestanding psychiatric outpatient clinics and other facility types, 1979. [3] Non-Federal. [4] Source: Rotegard and Bruininks *Mentally Retarded People in State-Operated Residential Facilities: Years Ending June 30, 1981 and June 30, 1982*, University of Minnesota, Minneapolis, Minn. Excludes facilities operated as mental hospitals or other care facilities. [5] As of June 30. [6] Admissions include readmissions. For year ending June 30. [7] See footnote 3, table 181. Source: Bruininks, Hauber, and Kudla, *National Survey of Community Residential Facilities: A Profile of Facilities and Residents in 1977*, 1979.

Source: Except as noted, U.S. National Institute of Mental Health, unpublished data.

NO. 183. DAYS OF DISABILITY, BY TYPE AND SELECTED CHARACTERISTICS: 1965 TO 1981

[1965, for year ending June 30; thereafter, calendar years. Refers to civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III. For composition of regions, see fig. I, inside front cover]

ITEM	TOTAL DAYS OF DISABILITY (millions)						DAYS PER PERSON					
	1965	1970	1975	1979	1980	1981	1965	1970	1975	1979	1980	1981
Restricted-activity days [1]	3,086	2,913	3,734	4,106	4,165	4,296	16.4	14.6	17.9	19.0	19.1	19.1
Male	1,339	1,273	1,574	1,755	1,802	1,880	14.7	13.2	15.6	16.9	17.1	17.3
Female	1,747	1,640	2,160	2,351	2,363	2,416	18.0	15.8	20.0	21.1	21.0	20.7
White [2]	(NA)	2,526	3,179	3,468	3,518	3,622	(NA)	14.4	17.5	18.6	18.7	18.8
Black [2]	(NA)	365	522	585	580	575	(NA)	16.2	21.4	22.9	22.7	21.7
Under 65 years	2,420	2,331	2,916	3,128	3,228	3,304	14.1	12.9	15.5	16.3	16.6	16.5
65 years and over	666	582	818	978	937	991	38.5	30.7	38.4	41.9	39.2	39.9
Northeast	(NA)	709	819	834	862	899	(NA)	14.5	16.7	17.6	17.9	18.1
North Central	(NA)	691	888	998	989	1,018	(NA)	12.4	15.9	17.4	17.2	17.1
South	(NA)	996	1,253	1,401	1,415	1,469	(NA)	15.9	18.7	19.8	19.8	20.0
West	(NA)	518	774	872	899	909	(NA)	15.6	20.8	21.8	22.0	21.5
Family income: [3]												
Under $5,000	(NA)	982	1,030	785	762	681	(NA)	23.3	32.4	37.5	37.5	35.9
$5,000–$9,999	(NA)	857	914	882	804	853	(NA)	12.8	20.2	26.8	25.8	28.2
$10,000–$14,999	(NA)	539	676	592	636	563	(NA)	11.5	14.4	17.4	19.4	18.4
$15,000 and over	(NA)	331	863	1,467	1,587	1,745	(NA)	10.9	12.4	13.6	13.8	14.1
Bed-disability days [4]	1,160	1,222	1,371	1,455	1,520	1,553	6.2	6.1	6.6	6.7	7.0	6.9
Male	484	503	546	585	616	634	5.3	5.2	5.4	5.6	5.9	5.8
Female	677	720	825	870	904	919	7.0	6.9	7.6	7.8	8.0	7.9
Under 65 years	914	959	1,097	1,136	1,190	1,206	5.3	5.3	5.8	5.9	6.1	6.0
65 and over	246	263	274	319	330	347	14.2	13.8	12.9	13.7	13.8	14.0
Work-loss days [5]	400	417	433	483	485	492	5.7	5.4	5.2	5.0	5.0	4.9
Male	261	243	246	261	271	262	5.7	5.0	4.9	4.7	4.9	4.6
Female	139	175	187	222	215	230	5.6	5.9	5.7	5.4	5.1	5.3
School-loss days [6]	214	222	217	209	204	191	5.2	4.9	5.1	5.3	5.3	4.9
Male	103	108	103	101	95	92	4.9	4.7	4.8	5.0	4.8	4.6
Female	111	114	115	107	109	100	5.4	5.1	5.5	5.5	5.7	5.3

NA Not available. [1] A day when a person cuts down on his usual activities for the whole day because of illness or injury. Includes bed-disability, work-loss, and school-loss days. Total includes other items not shown separately.
[2] In 1980 and 1981 race was determined by asking the household respondent to report his race. In earlier years the racial classification of respondents was determined by interviewer observation.
[3] Excludes those with unknown income.
[4] A day when a person was kept in bed either all or most of the day because of illness or injury. Includes those work-loss and school-loss days actually spent in bed.
[5] A day when a person lost the entire workday because of illness or injury. Computed for persons 17 years of age and over in the currently employed population, defined as those who were working or had a job or business from which they were not on layoff during the 2-week period preceding the week of interview.
[6] Child's loss of entire school day because of illness or injury. Computed for children 6–16 years of age.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

NO. 184. PERSONS INJURED, BY SEX, 1970 TO 1981, AND BY CIRCUMSTANCE AND AGE, 1981

[Data refer to civilian noninstitutional population and comprise incidents leading to restricted activity and/or medical attention. Sum of estimates by type of circumstance may be greater than total injured because circumstances are not mutually exclusive. Based on National Health Interview Survey; see Appendix III. 1975 data not strictly comparable with other years]

YEAR	PERSONS INJURED (millions)			RATE PER 100 POPULATION			CIRCUMSTANCE	PERSONS INJURED (millions)			RATE PER 100 POPULATION		
	Total	Male	Female	Total	Male	Female		Total	Male	Female	Total	Male	Female
1970	56.0	31.8	24.2	28.0	33.0	23.3	**1981, total**	**70.3**	**40.1**	**30.2**	**31.2**	**36.9**	**25.9**
1971	62.5	35.7	26.9	30.9	36.5	25.7							
1972	64.3	37.0	27.3	31.5	37.6	25.8	While at work	11.3	9.1	2.2	5.0	8.4	1.9
1973	60.0	34.8	25.2	29.1	35.0	23.7	Home	26.9	13.4	13.5	12.0	12.3	11.6
1974	59.1	33.6	25.6	28.5	33.6	23.8	Motor vehicle	5.0	2.4	2.6	2.2	2.2	2.2
1975	71.9	39.4	32.5	34.4	39.1	30.0	Other	29.8	17.5	12.3	13.2	16.1	10.6
1976	65.4	37.1	28.3	31.1	36.5	26.0	Under 6 years	7.3	4.1	3.2	36.2	40.0	32.3
1977	73.9	42.3	31.6	34.8	41.3	28.8	6–16 years	14.8	8.9	5.9	38.2	44.8	31.4
1978	67.5	38.1	29.4	31.6	36.9	26.6	17–44 years	34.4	21.0	13.4	35.4	44.3	26.9
1979	69.1	40.2	28.9	32.0	38.6	25.9	45–64 years	9.2	4.4	4.9	20.9	20.9	20.9
1980	68.1	39.0	29.1	31.2	37.1	25.8	65 years and over	4.5	1.7	2.8	18.3	16.9	19.2

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

No. 185. Percent of Children Immunized Against Specified Diseases, by Age-Group: 1970 to 1982

[Covers civilian noninstitutional population. Based on a sample and subject to sampling variability; see source]

DISEASE	1-4 YEARS OLD								5-14 YEARS OLD				
	1970	1975	1978	1979	1980	1981	1982		1979	1980	1981	1982	
							Total	Records [1]				Total	Records [1]
Diphtheria-tetanus-pertussis [2] (3 or more doses)	76.1	75.2	68.0	65.4	66.3	67.5	66.3	86.8	74.2	73.9	75.2	74.6	93.5
Polio (3 or more oral doses)	65.9	64.8	61.4	59.1	58.8	60.0	58.0	78.4	69.5	70.2	71.8	70.1	89.0
Measles	57.2	65.5	62.8	62.7	63.5	63.8	64.0	78.2	71.9	71.8	73.3	73.1	88.3
Rubella	37.2	61.9	61.7	63.5	63.5	64.5	62.8	76.1	74.6	74.0	74.7	74.2	86.7
Mumps	(NA)	44.4	51.1	55.4	56.6	58.4	58.9	75.0	59.5	64.1	68.6	68.0	83.9

NA Not available. [1] Represents responses of portion of sample who answered on basis of health immunization records. [2] Pertussis also known as whooping cough.

Source: U.S. Centers for Disease Control, Atlanta, Ga., *United States Immunization Survey,* annual.

No. 186. Specified Reportable Diseases—Cases Reported: 1950 to 1981

[Prior to 1960, excludes Alaska and Hawaii, except for tuberculosis. Figures should be interpreted with caution. Although reporting of some of these diseases is incomplete, the figures are of value in indicating trends of disease incidence. Includes cases imported from outside the U.S. See *Historical Statistics, Colonial Times to 1970,* series B 291-303, for related data]

DISEASE	1950	1960	1965	1970	1975	1977	1978	1979	1980	1981
Amebiasis	4,568	3,424	2,768	2,888	2,775	3,044	3,937	4,107	5,271	6,632
Aseptic meningitis	(NA)	1,593	2,329	6,480	4,475	4,789	6,573	8,754	8,028	9,547
Botulism [1]	20	12	19	12	20	129	105	45	89	103
Brucellosis (undulant fever)	3,510	751	262	213	310	232	179	215	183	185
Chickenpox (1,000)	(NA)	(NA)	(NA)	(NA)	154.2	188.4	154.1	199.1	190.9	200.8
Diphtheria	5,796	918	164	435	307	84	76	59	3	5
Encephalitis:										
Primary infectious [2]	1,135	2,341	1,722	1,580	4,064	1,414	1,351	1,504	1,362	1,476
Post infectious [2]			981	370	237	119	78	84	40	38
Hepatitis: Serum (1,000)				8.3	13.1	16.8	15.0	15.5	19.0	21.2
Infectious (1,000)	2.8	41.7	33.9	56.8	35.9	31.2	29.5	30.4	29.1	25.8
Unspecified (1,000)	(NA)	(NA)	(NA)	(NA)	7.2	8.6	8.8	10.5	11.9	11.0
Leprosy	44	54	96	129	162	151	168	185	223	256
Leptospirosis	30	53	84	47	93	71	110	94	85	82
Malaria	2,184	72	147	3,051	373	547	731	894	2,062	1,388
Measles (1,000)	319.1	441.7	261.9	47.4	24.4	57.3	26.9	13.6	13.5	3.1
Meningococcal infections	3,788	2,259	3,040	2,505	1,478	1,828	2,505	2,724	2,840	3,525
Mumps (1,000)	(NA)	(NA)	(NA)	105.0	59.6	21.4	16.8	14.2	8.6	4.9
Pertussis [3] (1,000)	120.7	14.8	6.8	4.2	1.7	2.2	2.1	1.6	1.7	1.2
Plague	3	2	8	13	20	18	12	13	18	12
Poliomyelitis, acute	33,300	3,190	72	33	8	18	15	34	9	6
Psittacosis	26	113	60	35	49	94	140	137	124	124
Rabies, animal	7,901	3,567	4,574	3,224	2,627	3,130	3,280	5,119	6,421	7,118
Rabies, human	18	2	2	3	2	1	4	4	–	2
Rheumatic fever, acute [4]	(NA)	9,022	4,998	3,227	2,854	1,736	851	629	432	264
Rubella [5] (1,000)	(NA)	(NA)	(NA)	56.6	16.7	20.4	18.3	11.8	3.9	2.1
Salmonellosis [6] (1,000)	1.2	6.9	17.2	22.1	22.6	27.8	29.4	33.1	33.7	40.0
Shigellosis [7] (1,000)	23.4	12.5	11.0	13.8	16.6	16.1	19.5	20.1	19.0	19.9
Streptococcal sore throat, scarlet fever (1,000)	64.5	315.2	395.2	433.4	[8] 330.8	[8] 423.1	[8] 397.0	[8] 465.4	[8] 370.0	[8] 342.2
Tetanus	486	368	300	148	102	87	86	81	95	72
Trichinosis	327	160	199	109	252	143	67	157	131	206
Tuberculosis [9] (1,000)	(NA)	55.5	49.0	37.1	34.0	30.1	28.5	27.7	27.7	27.4
Tularemia	927	390	264	172	129	165	141	196	234	288
Typhoid fever	2,484	816	454	346	375	398	505	528	510	584
Typhus fever:										
Flea-borne (endemic-murine)	665	68	28	27	44	75	46	69	81	61
Tick-borne (Rocky Mt. spotted fever)	464	204	281	380	844	1,153	1,063	1,070	1,163	1,192
Venereal diseases (civilian cases):										
Gonorrhea (1,000)	287	259	325	600	1,000	1,002	1,013	1,004	1,004	991
Syphilis (1,000)	218	122	113	91	80	65	65	67	69	73
Other (1,000)	8.2	2.8	2.0	2.2	1.1	.9	.9	1.2	1.0	1.2

– Represents zero. NA Not available. [1] Beginning in 1975, includes foodborne, infant, and unspecified cases. [2] Data reported for 1975-1981 reflect new diagnostic categories. [3] Whooping cough. [4] Based on reports from States: 37 in 1960 and 1980, 36 in 1965 and 1975, 38 in 1970 and 1981, 40 in 1978, and 39 in 1977 and 1979. [5] German measles. [6] Excludes *typhoid fever.* [7] Bacillary dysentery. [8] Based on reports from States: 41 in 1975, 1979, and 1980; 42 in 1977; and 40 in 1978 and 1981. [9] Newly reported active cases. New diagnostic standards introduced in 1975.

Source: U.S. National Center for Health Statistics, *Vital Statistics—Special Reports,* vol. 37, No. 9, and U.S. Centers for Disease Control, Atlanta, Ga., *Morbidity and Mortality Weekly Report* (annual supplements).

NO. 187. ACUTE CONDITIONS, BY TYPE, 1970 TO 1981, AND BY SELECTED CHARACTERISTICS, 1981

[Covers civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III. Estimates include only acute conditions which were medically attended or caused at least one day of restricted activity. For composition of regions, see fig. I, inside front cover]

YEAR AND CHARACTERISTIC	NUMBER OF CONDITIONS (mil.)					RATE PER 100 POPULATION				
	Infective and parasitic	Respiratory		Digestive system	Injuries	Infective and parasitic	Respiratory		Digestive system	Injuries
		Upper	Other				Upper	Other		
1970, total	48.2	127.3	92.5	23.0	59.2	24.1	63.7	46.3	11.5	29.6
1974, total	40.5	94.9	100.9	16.2	63.1	19.5	45.8	48.7	7.8	30.4
1975, total	47.6	124.0	109.0	21.6	76.2	22.8	59.3	52.1	10.3	36.4
1976, total	52.6	127.7	123.0	22.0	67.7	25.0	60.6	58.4	10.4	32.1
1977, total	57.7	134.0	98.8	23.8	77.2	27.2	63.2	46.6	11.2	36.4
1978, total	52.9	126.4	121.1	22.9	70.7	24.7	59.1	56.6	10.7	33.1
1979, total	52.7	129.8	101.7	24.7	74.4	24.4	60.1	47.1	11.4	34.5
1980, total	53.6	124.2	129.0	24.9	72.7	24.6	57.0	59.2	11.4	33.4
1981, total [1]	**53.2**	**125.4**	**126.4**	**21.8**	**74.7**	**23.6**	**55.7**	**56.2**	**9.7**	**33.2**
Male	23.3	58.0	57.7	10.7	42.3	21.4	53.4	53.2	9.8	38.9
Female	29.9	67.4	68.7	11.1	32.4	25.7	57.9	59.0	9.5	27.8
White	46.0	107.2	115.3	18.2	64.7	23.9	55.6	59.8	9.4	33.5
Black	6.2	15.5	8.9	3.0	7.7	23.3	58.4	33.6	11.2	29.1
Northeast	13.8	29.5	20.2	5.2	16.9	27.8	59.4	40.8	10.5	34.0
North Central	10.9	32.4	39.8	4.1	19.3	18.3	54.5	66.9	6.9	32.5
South	22.6	39.8	36.4	7.8	21.7	30.6	54.1	49.4	10.6	29.4
West	6.0	23.7	30.0	4.7	16.8	14.1	56.1	70.8	11.0	39.7
Inside SMSA [2]	36.9	86.9	87.9	15.2	50.5	24.2	57.0	57.6	10.0	33.1
Outside SMSA: [2]										
Nonfarm	15.3	36.8	36.3	5.9	22.5	22.9	55.3	54.7	8.9	33.9
Farm	1.0	1.8	2.1	.7	1.6	16.7	29.0	35.5	11.2	26.7
Under 6 years	12.0	25.4	14.6	2.0	7.4	59.7	126.5	72.7	10.1	36.7
6–16 years	14.7	30.9	26.9	5.9	15.6	38.0	79.8	69.4	15.3	40.3
17–44 years	21.0	50.0	58.0	10.3	36.9	21.6	51.5	59.7	10.6	38.0
45–64 years	3.9	12.6	19.5	2.2	9.8	8.9	28.5	44.2	5.0	22.1
65 years and over	1.6	6.4	7.3	1.3	5.0	6.3	25.7	29.5	5.3	20.0
Family income:										
Under $5,000	4.2	12.8	10.8	1.8	8.0	22.3	67.5	57.0	9.6	42.4
$5,000–$9,999	6.8	17.6	18.1	4.1	11.1	22.6	58.2	59.9	13.5	36.7
$10,000–$14,999	7.5	16.5	18.6	3.9	8.6	24.6	54.2	60.9	12.8	28.3
$15,000 and over	31.2	69.8	70.2	10.3	41.9	25.1	56.2	56.6	8.3	33.7

[1] Includes other races and unknown income, not shown separately.
[2] SMSA refers to standard metropolitan statistical areas as defined in 1970 census publications; see Appendix II.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

NO. 188. PERSONS WITH SELECTED CHRONIC CONDITIONS, BY SEX AND AGE: 1981

[See headnote, table 189]

CHRONIC CONDITION	Persons with condition (1,000)	RATE PER 1,000 PERSONS						
		Total	Male	Female	Under 17 yrs.	17–44 yrs.	45–64 yrs.	65 yrs. and over
Heart conditions	17,186	76.4	70.7	81.6	20.4	37.9	122.7	277.0
Hypertension	25,524	113.4	100.4	125.5	[1] 1.4	54.2	243.7	378.6
Varicose veins	6,130	27.2	10.4	43.0	-	19.0	50.1	83.2
Hemorrhoids	8,848	39.3	36.0	42.4	[1] .4	43.7	66.6	65.9
Chronic bronchitis	7,943	35.3	31.7	38.7	38.4	28.1	40.9	46.1
Asthma [2]	7,244	32.2	33.9	30.6	37.9	29.0	33.6	28.6
Chronic sinusitis	31,036	137.9	121.0	153.7	55.0	158.4	177.5	183.6
Hay fever, without asthma	17,874	79.4	78.7	80.1	58.1	100.2	77.5	51.9
Eczema, dermatitis, urticaria	8,111	36.0	27.8	43.7	37.5	39.3	29.8	30.9
Diseases of sebaceous glands [3]	5,643	25.1	24.4	25.7	21.9	38.5	10.0	[1] 7.0
Arthritis and rheumatism	27,238	121.0	87.5	152.3	[1] 2.8	47.7	246.5	464.7
Diabetes	5,500	24.4	21.7	27.0	[1] 1.4	8.6	56.9	83.4
Migraine	5,999	26.7	14.8	37.7	5.6	38.7	33.7	17.2
Diseases of urinary system	5,689	25.3	13.3	36.5	6.6	25.8	31.7	56.1
Visual impairments	9,084	40.4	47.8	33.4	9.9	27.4	55.2	136.6
Hearing impairments	18,666	82.9	91.1	75.3	17.7	43.8	142.9	283.8
Deformities or orthopedic impairments	18,416	81.8	86.4	77.6	21.1	90.5	117.5	126.2

- Represents zero. [1] Figure does not meet standards of reliability or precision. [2] With or without hay fever. [3] Acne.

Source: U.S. National Center for Health Statistics, unpublished data.

No. 189. Persons With Activity Limitation, by Selected Chronic Conditions: 1969–1970 to 1981

[Covers civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III. Conditions classified according to eighth revision of International Classification of Diseases for 1969–1970; to ninth revision for 1980 and 1981]

CONDITION	Total [1]	AGE			SEX		FAMILY INCOME		RACE [2]	
		Under 45 yr.	45–64 yr.	65 and over	Male	Female	Less than $6,000	$6,000 and over	White	Black
1969–1970										
Persons with limitation (mil.)	**23.2**	**7.3**	**8.0**	**8.0**	**11.7**	**11.5**	**11.6**	**10.1**	**20.5**	**2.6**
Percent limited by—										
Heart conditions	15.5	6.3	19.0	20.5	16.5	14.6	16.7	15.2	15.7	14.6
Arthritis and rheumatism	14.1	4.4	15.7	21.2	9.3	18.9	17.2	11.6	13.8	16.1
Hypertension without heart involvement	4.6	1.8	5.2	6.4	3.0	6.2	5.9	3.4	3.9	9.4
Impairment of back/spine	6.9	10.6	7.8	2.8	7.3	6.6	5.5	9.2	7.2	5.1
Impairment of lower extremities and hips	6.7	8.9	6.0	5.3	7.6	5.8	6.3	7.6	6.8	5.8
Percent of all persons with—										
No activity limitation	88.3	94.7	80.5	57.7	87.7	88.8	79.8	92.2	88.2	88.4
Activity limitation	11.7	5.3	19.5	42.3	12.3	11.2	20.2	7.8	11.8	11.6
In major activity	9.1	3.3	15.7	37.0	9.5	8.6	16.9	5.5	9.0	9.7
1980										
Persons with limitation (mil.)	**31.4**	**10.2**	**10.4**	**10.8**	**15.5**	**15.9**	**7.4**	**21.0**	**27.1**	**3.9**
Percent limited by—										
Heart conditions	16.4	4.3	19.7	24.5	18.0	14.7	18.6	15.3	16.6	15.2
Arthritis and rheumatism	17.5	5.4	20.0	26.5	11.0	23.7	23.2	15.5	17.4	18.3
Hypertension [3]	9.9	3.3	13.2	13.1	7.7	12.1	14.1	8.5	8.6	19.2
Impairment of back/spine	9.2	13.9	9.9	4.0	9.1	9.2	6.8	9.9	9.4	7.7
Impairment of lower extremities and hips	8.0	10.7	7.2	6.4	9.0	7.1	8.6	8.0	8.1	7.2
Percent of all persons with—										
No activity limitation	85.6	93.2	76.1	54.8	85.3	85.9	72.2	87.8	85.6	84.9
Activity limitation	14.4	6.8	23.9	45.2	14.7	14.1	27.8	12.2	14.4	15.1
In major activity	10.9	4.2	18.8	39.0	11.2	10.6	23.3	8.8	10.8	12.2
1981										
Persons with limitation (mil.)	**32.3**	**10.4**	**10.6**	**11.4**	**15.8**	**16.5**	**6.8**	**21.9**	**27.9**	**3.9**
Percent limited by—										
Heart conditions	16.4	4.2	19.3	24.8	17.7	15.2	18.1	15.5	16.5	16.3
Arthritis and rheumatism	17.4	5.4	19.8	26.0	12.2	22.3	21.5	15.7	17.6	16.6
Hypertension [3]	9.1	3.1	12.1	11.7	7.0	11.0	12.9	7.9	7.9	17.5
Impairment of back/spine	9.8	13.9	11.3	4.6	9.4	10.2	8.6	10.4	10.0	8.3
Impairment of lower extremities and hips	7.6	10.9	6.3	5.8	8.4	6.8	8.5	7.5	7.7	8.8
Percent of all persons with—										
No activity limitation	85.6	93.4	76.1	54.3	85.4	85.8	73.1	87.7	85.5	85.3
Activity limitation	14.4	6.6	23.9	45.7	14.6	14.2	26.9	12.3	14.5	14.7
In major activity	10.9	4.1	19.1	39.2	11.3	10.6	22.2	9.0	10.9	12.2

[1] Includes persons with unknown family income and other races not shown separately. [2] See footnote 2, table 183. [3] Covers all cases of hypertension, regardless of other conditions.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

No. 190. Persons With Known Case of Diabetes, by Selected Characteristics: 1981

[Covers civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III]

SEX, RACE, AND FAMILY INCOME	NUMBER (1,000)					RATE PER 1,000 POPULATION				
	Total [1]	Persons 20 years old and over				Total [1]	Persons 20 years old and over			
		Total	20–44 years	45–64 years	65 years and over		Total	20–44 years	45–64 years	65 years and over
Total persons with known diabetes [2]	**5,657**	**5,564**	**854**	**2,523**	**2,187**	**25.1**	**36.1**	**10.1**	**57.1**	**88.0**
Male	2,521	2,492	429	1,199	864	23.2	34.4	10.4	57.2	85.0
Female	3,137	3,072	425	1,324	1,323	26.9	37.7	9.8	57.0	90.1
White	4,737	4,655	719	2,023	1,912	24.4	34.4	9.8	51.4	84.5
Black and other	921	909	135	500	275	29.6	48.6	11.6	103.7	123.7
Black	843	832	135	442	256	31.9	52.8	14.0	107.6	126.3
Less than $5,000	906	906	[3] 102	299	505	47.8	71.5	[3] 17.5	117.0	117.8
$5,000–$9,999	1,133	1,127	[3] 114	424	588	37.5	52.9	[3] 12.1	87.8	83.5
$10,000–$14,999	828	800	[3] 58	396	346	27.1	38.2	[3] 5.0	71.8	90.4
$15,000–$24,999	964	947	236	417	293	18.8	27.8	10.9	44.4	96.6
$25,000 or more	1,190	1,149	290	643	216	16.3	23.1	9.6	38.5	73.2

[1] Includes persons under 20 years old, not shown separately. [2] Includes persons for whom family income is unknown, not shown separately. [3] Figure does not meet standards of reliability or precision.

Source: U.S. National Center for Health Statistics, unpublished data.

No. 191. Persons With Definite Hypertension, by Race, Sex and Age: 1960–1962, 1971–1975, and 1976–1980

[Covers civilian noninstitutional population, 25–74 years old. Based on findings of a sample survey in National Health and Nutrition Examination Survey; see Appendix III. Subject to sampling variability, see source. Data represent number of persons with an average of three blood pressure readings of either systolic pressure of 160 mmHg or more or diastolic pressure of 95 mmHg or more]

Period and age group	Number (1,000)					Rate per 100 persons				
	Total [1]	White	Black	Female	Male	Total [1]	White	Black	Female	Male
1960–1962, total	15,675	12,654	2,838	8,798	6,879	[2] 16.7	[2] 15.2	[2] 30.4	[2] 17.9	[2] 15.3
1971–1975, total	19,184	15,568	3,425	9,226	9,959	[2] 17.7	[2] 16.0	[2] 32.7	[2] 15.9	[2] 19.6
1976–1980, total	**16,541**	**13,560**	**2,590**	**7,651**	**8,890**	**14.5**	**13.4**	**23.7**	**12.5**	**16.5**
25–34 years old	1,814	1,509	266	432	1,383	5.5	5.3	7.6	2.6	8.7
35–44 years old	2,346	1,731	497	1,008	1,338	9.9	8.5	19.6	8.2	11.8
45–54 years old	4,098	3,345	693	1,772	2,327	17.8	16.5	30.7	14.9	20.9
55–64 years old	4,422	3,683	663	2,149	2,273	21.7	20.2	37.6	20.0	23.7
65–74 years old	3,860	3,292	471	2,290	1,570	26.6	25.5	36.5	27.9	24.9

[1] Includes other races not shown separately. [2] Rates age-adjusted using 1976–1980 population base. See text, p. 61.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics, Advance Data,* No. 84, Oct. 8, 1982.

No. 192. Dental Caries (Cavities) in Children, by Age: 1971–1974 and 1979–1980

[Covers only children with at least one permanent tooth. Data shown are for the permanent dentition and represent the average number of decayed (D), missing (M), or filled (F) surfaces or teeth per child. 1979 survey based on sample of approximately 40,000 children enrolled in public or private schools]

Age	1971–1974		1979–1980								
				Average number of DMF surfaces [1] per child							Avg. number of DMF teeth per child
	Number of children (1,000)	Avg. number of DMF surfaces [1] per child	Number of children (1,000)	Total	Male	Female	White	Black and other	Inside metro. areas [2]	Outside metro. areas [2]	
Total	**48,393**	**7.06**	**45,315**	**4.77**	**4.44**	**5.12**	**4.89**	**4.15**	**4.67**	**5.04**	**2.91**
5 years old	1,068	.15	1,055	.11	.11	.11	.12	.08	.08	.19	.07
6 years old	2,825	.41	2,750	.20	.19	.22	.20	.20	.20	.21	.16
7 years old	3,704	.69	3,525	.58	.47	.69	.59	.55	.56	.63	.44
8 years old	3,661	1.86	3,453	1.25	1.08	1.42	1.26	1.19	1.30	1.10	.90
9 years old	4,036	3.59	3,420	1.90	1.81	2.00	1.99	1.44	1.92	1.85	1.26
10 years old	4,378	4.14	3,515	2.60	2.32	2.90	2.64	2.43	2.65	2.48	1.69
11 years old	4,088	4.58	3,479	3.00	2.73	3.28	3.11	2.45	2.84	3.41	1.96
12 years old	4,116	6.36	3,601	4.18	3.75	4.62	4.32	3.46	4.04	4.50	2.64
13 years old	4,153	8.67	3,822	5.41	4.95	5.89	5.45	5.22	5.20	5.93	3.38
14 years old	4,046	9.60	4,063	6.53	6.44	6.62	6.63	6.02	6.35	6.99	4.04
15 years old	4,256	11.67	4,171	8.07	7.46	8.71	8.25	7.09	7.86	8.56	4.94
16 years old	4,164	15.12	4,195	9.58	8.46	10.77	9.57	9.66	9.54	9.70	5.54
17 years old	3,898	16.90	4,267	11.04	10.52	11.58	11.24	9.85	10.72	11.82	6.35

[1] A surface is a side of a tooth. There are 5 surfaces on molars and bicuspids and 4 surfaces on incisors and cuspids. [2] For definition of metropolitan area used for this survey, see source.

Source: U.S. National Institute of Dental Research, *The Prevalence of Dental Caries in United States Children, 1979–1980,* December 1981.

No. 193. Persons Wearing Corrective Lenses: 1971 and 1980

[See headnote, table 194. Total wearing lenses includes group unknown as to type. Excludes sunglasses worn only to filter light, safety glasses for protection, etc. Contact lenses includes those with or without glasses]

Item	1971			1980						
	Total	Male	Female	Total	Male	Female	3–16 yr.	17–24 yr.	25–44 yr.	45 yr. and over
Population, 3 yrs. old and over (mil.)	191.6	92.1	99.5	208.1	100.1	108.0	48.0	32.2	60.6	67.4
Wearing lenses (mil.)	**94.3**	**40.8**	**53.5**	**107.7**	**46.2**	**61.5**	**7.6**	**11.7**	**27.8**	**60.6**
Eyeglasses only (mil.)	90.3	39.7	50.6	97.9	43.3	54.6	7.0	8.7	22.8	59.3
Contact lenses (mil.)	4.0	1.1	2.9	9.9	2.9	7.0	.5	3.1	5.0	1.3
Percent wearing lenses	**49.2**	**44.2**	**53.8**	**51.8**	**46.2**	**57.0**	**15.7**	**36.5**	**45.9**	**89.9**
Eyeglasses only	47.1	43.1	50.9	47.0	43.2	50.5	14.7	26.9	37.7	88.0
Contact lenses	2.1	1.2	2.9	4.8	2.9	6.5	1.1	9.6	8.2	2.0

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics,* series 10, number 93, and unpublished data.

NO. 194. PERSONS USING SPECIAL HEALTH AIDS—NUMBER AND RATE, BY AGE: 1980

[Covers civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III]

TYPE OF AID	NUMBER (1,000)					RATE PER 1,000 POPULATION				
	Total	Under 15 years	15-44 years	45-64 years	65 yr. and over	Total	Under 15 years	15-44 years	45-64 years	65 yr. and over
Cane or walking stick	2,878	[1]4	222	654	2,000	13.2	[1].1	2.2	15.0	83.7
Special shoes	1,344	320	273	419	331	6.2	6.4	2.7	9.6	13.9
Leg or foot brace	472	54	173	173	73	2.2	1.1	1.7	4.0	3.1
Other braces	1,000	57	373	398	172	4.6	1.1	3.7	9.1	7.2
Walker	866	[1]11	[1]31	159	664	4.0	[1].2	[1].3	3.7	27.8
Wheelchair	720	[1]26	123	188	384	3.3	[1].5	1.2	4.3	16.1
Crutches	588	46	152	239	151	2.7	.9	1.5	5.5	6.3
Artificial leg or foot	142	[1] –	[1]24	71	47	.7	[1] –	[1].2	1.6	2.0

– Represents zero. [1] Figure does not meet standards of reliability or precision.

Source: U.S. National Center for Health Statistics, unpublished data.

NO. 195. DRUG USE, BY TYPE OF DRUG AND BY AGE GROUP: 1972 TO 1982

[Current users are those who used drugs at least once within month prior to this study. For 1982, based on national samples of 1,581 youths (12-17 yrs. old), 1,283 young adults (18-25 yrs. old), and 2,760 older adults (26 yrs. old and over). Subject to sampling variability; see source]

TYPE OF DRUG	PERCENT OF YOUTHS				PERCENT OF YOUNG ADULTS				PERCENT OF ADULTS			
	Ever used		Current user		Ever used		Current user		Ever used		Current user	
	1972	1982	1972	1982	1974	1982	1974	1982	1974	1982	1974	1982
Marihuana	14.0	26.7	7.0	11.5	52.7	64.1	25.2	27.4	9.9	23.0	2.0	6.6
Inhalants	6.4	(NA)	1.0	(NA)	9.2	(NA)	(Z)	(NA)	1.2	(NA)	(Z)	(NA)
Hallucinogens	4.8	5.2	1.4	1.4	16.6	21.1	2.5	1.7	1.3	6.4	(Z)	1.2
Cocaine	1.5	6.5	.6	1.6	12.7	28.3	3.1	6.8	.9	8.5	(Z)	(NA)
Heroin	.6	(Z)	(Z)	(Z)	4.5	1.2	(Z)	(Z)	.5	1.1	(Z)	.6
Analgesics	(NA)	4.2	(NA)	2.6	(NA)	12.1	(NA)	4.7	(NA)	3.2	(NA)	(NA)
Stimulants [1]	4.0	6.7	(NA)	1.3	17.0	18.0	3.7	2.6	3.0	6.2	(Z)	(NA)
Sedatives [1]	3.0	5.8	(NA)	.9	15.0	18.7	1.6	1.6	2.0	4.8	(Z)	(NA)
Tranquilizers [1]	3.0	4.9	(NA)	.7	10.0	15.1	1.2	1.0	2.0	3.6	(Z)	1.2
Alcohol	(NA)	65.2	24.0	26.9	81.6	94.6	69.3	67.9	73.2	88.2	54.5	56.7
Cigarettes	(NA)	49.5	17.0	14.7	68.8	76.9	48.8	39.5	65.4	78.7	39.1	34.6

NA Not available. Z Less than .5 percent. [1] Prescription drugs.

Source: U.S. National Institute on Drug Abuse, *National Survey on Drug Abuse: Main Findings, 1982.*

NO. 196. MARIHUANA AND ALCOHOL—PERCENT OF POPULATION WHO ARE CURRENT USERS: 1972 TO 1982

[See headnote, table 195]

CHARACTERISTIC	YOUTHS				YOUNG ADULTS			ADULTS		
	1972	1976	1979	1982	1976	1979	1982	1976	1979	1982
MARIHUANA										
Current users, total	7	12	17	12	25	35	27	4	6	7
Male	9	14	19	13	31	45	36	6	9	10
Female	6	11	14	10	19	20	19	2	3	3
White	8	12	17	12	26	36	26	3	6	6
Black and other	2	11	15	10	22	34	35	6	8	9
SMSA's with 1 million or more inhabitants [1]	(NA)	18	20	17	29	39	32	5	8	9
SMSA's with under 1 million inhabitants [1]	(NA)	11	14	8	28	36	26	4	6	6
Nonmetropolitan areas	(NA)	8	15	9	16	30	23	1	4	3
ALCOHOL [2]										
Current users, total	24	32	37	27	69	76	68	56	61	57
Male	27	36	39	27	79	84	75	63	72	69
Female	21	29	36	27	58	68	61	49	52	46
White	24	34	38	29	72	78	71	57	62	57
Black and other	19	23	29	16	54	62	51	50	56	51
SMSA's with 1 million or more inhabitants [1]	24	38	40	33	78	80	74	70	72	67
SMSA's with under 1 million inhabitants [1]	28	33	35	20	72	75	66	54	58	55
Nonmetropolitan areas	20	26	35	27	55	71	64	41	51	44

NA Not available. [1] Refers to standard metropolitan statistical areas as defined in 1970 census publications. For definition of SMSA, see Appendix II. [2] For 1972 and 1976, respondent gave answers orally. Beginning 1979, respondent marked answer on a private sheet.

Source: U.S. National Institute on Drug Abuse, *National Survey on Drug Abuse: Main Findings, 1982.*

NO. 197. DRUG ABUSE TREATMENT UNITS: 1977 TO 1982

[**In thousands, except as noted. 1977** as of **April 30; 1980** and **1982** as of **Sept. 30.** Includes Puerto Rico, Guam, and Virgin Islands. Treatment unit refers to a facility that specifically provides direct, on-site drug abuse treatment services to its clients. Based on a complete census of all known units; for 1982, the response rate was 89.4 percent]

ITEM	1977	1980	1982	ITEM	1977	1980	1982
Treatment units (number)	3,147	3,449	3,018	**Clients**—Con.			
				Outpatient and day care	203.3	157.2	149.5
Clients [1]	**234.6**	**181.5**	**196.3**	Residential	18.5	15.1	14.8
				Hospital inpatient	3.7	2.6	2.9
By mode of treatment:				Prison	9.1	6.6	6.2
Drug free [2]	147.2	105.0	95.9				
Detoxification [3]	5.8	5.2	5.1	Total funding (mil. dol.)	510.7	486.6	533.6
Methadone maintenance [4]	80.0	67.9	72.0	Total staff	40.5	[5] 36.0	[5] 34.0

[1] Includes items not shown separately. [2] Drug withdrawal without medication. [3] Drug withdrawal supported by use of prescribed medication. If methadone used, treatment for 21 days or less. [4] Continued use of methadone for a period of more than 21 days. Includes other maintenance treatments. [5] Includes staff for alcoholism treatment when drug abuse and alcoholism are treated at same unit. Full-time equivalent employment.

Source: U.S. National Institute on Drug Abuse, *NIDA Statistical Series,* series F, periodic.

NO. 198. CIGARETTE SMOKING BY SEX AND AGE: 1970 TO 1980

[**Civilian noninstitutionalized population, 17 years old and over.** Based on National Health Interview Survey; see Appendix III. Smoking data were obtained from self-respondents only]

SEX AND AGE	Unit	Total population [1]	Persons who never smoked	Persons who ever smoked [2]	Former smokers	PRESENT SMOKERS				
						Total [3]	Cigarettes smoked per day (heaviest amount)			
							Under 15	15–24	25–34	35 or more
1970: Both sexes	**1,000**	**133,132**	**59,675**	**72,678**	**23,859**	**48,819**	**15,517**	**20,628**	**5,256**	**5,707**
Percent of total	Percent	100.0	44.8	54.6	17.9	36.7	11.7	15.5	3.9	4.3
Male	**1,000**	**62,310**	**19,144**	**42,773**	**15,861**	**26,912**	**7,163**	**11,458**	**3,160**	**3,959**
Percent of total	Percent	100.0	30.7	68.6	25.5	43.2	11.5	18.4	5.1	6.4
17–24 years	1,000	12,034	5,844	6,016	1,131	4,885	1,822	2,053	442	277
25–44 years	1,000	22,542	5,779	16,641	5,235	11,406	2,516	5,124	1,505	1,695
45–64 years	1,000	19,644	4,513	15,065	6,302	8,763	2,047	3,603	1,081	1,625
65 years and over	1,000	8,090	3,007	5,051	3,193	1,858	778	678	131	162
Female	**1,000**	**70,822**	**40,531**	**29,905**	**7,998**	**21,907**	**8,354**	**9,170**	**2,096**	**1,748**
Percent of total	Percent	100.0	57.2	42.2	11.3	30.9	11.8	12.9	3.0	2.5
17–24 years	1,000	13,908	8,582	5,188	991	4,198	1,927	1,635	286	192
25–44 years	1,000	24,349	11,302	12,958	3,550	9,408	3,211	4,004	1,106	900
45–64 years	1,000	21,658	11,813	9,744	2,632	7,111	2,675	3,056	648	583
65 years and over	1,000	10,907	8,835	2,015	825	1,190	541	475	56	74
1979: Both sexes	**1,000**	**157,461**	**71,901**	**84,613**	**32,665**	**51,947**	**15,372**	**21,780**	**6,801**	**7,120**
Percent of total	Percent	100.0	45.7	53.7	20.7	33.0	9.8	13.8	4.3	4.5
Male	1,000	74,379	26,021	47,806	20,462	27,345	7,055	11,187	4,021	4,633
Female	1,000	83,082	45,880	36,806	12,203	24,603	8,317	10,593	2,780	2,487
1980: Both sexes [4]	**1,000**	**160,798**	**74,086**	**85,572**	**33,130**	**52,442**	**15,200**	**21,806**	**6,800**	**7,945**
Percent of total	Percent	100.0	46.1	53.2	20.6	32.6	9.5	13.6	4.2	4.9
Male	**1,000**	**75,970**	**26,906**	**48,423**	**20,672**	**27,751**	**6,589**	**11,543**	**4,045**	**5,100**
Percent of total	Percent	100.0	35.4	63.7	27.2	36.5	8.7	15.2	5.3	6.7
17–24 years	1,000	15,699	9,059	6,522	1,504	5,018	1,694	2,308	494	445
25–44 years	1,000	29,549	9,837	19,457	6,886	12,571	2,584	5,572	2,006	2,276
45–64 years	1,000	20,830	4,593	16,014	7,612	8,402	1,759	2,942	1,362	2,133
65 years and over	1,000	9,891	3,418	6,431	4,670	1,760	551	723	183	246
Female	**1,000**	**84,828**	**47,180**	**37,149**	**12,458**	**24,690**	**8,611**	**10,262**	**2,755**	**2,845**
Percent of total	Percent	100.0	55.6	43.8	14.7	29.1	10.2	12.1	3.2	3.4
17–24 years	1,000	16,477	9,832	6,556	1,504	5,051	2,269	2,036	343	374
25–44 years	1,000	31,493	15,917	15,444	5,099	10,345	3,172	4,204	1,358	1,509
45–64 years	1,000	22,725	11,737	10,795	3,862	6,933	2,035	3,132	830	879
65 years and over	1,000	14,133	9,694	4,354	1,993	2,361	1,136	891	223	[5] 83

[1] Includes persons for whom smoking status is unknown. [2] Excludes smokers with unknown present smoking status. [3] Includes smokers for whom the number of cigarettes smoked per day is unknown. [4] Estimates are based on data collected for 2 quarters, July-December, 1980. [5] Figure does not meet standards of reliability or precision.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics,* vol. 21, No. 3 supplement, June 1972; and unpublished data.

NO. 199. DRUGS AND TOILETRIES—RETAIL SALES: 1980 TO 1982

[In millions of dollars. Excludes government and hospital use]

PRODUCT	1980	1981	1982	PRODUCT	1980	1981	1982
Total sales	37,676	41,951	46,533	**Toiletries**	14,515	16,120	17,768
Drugs and health aids	23,161	25,831	28,765	Cosmetics [6]	3,626	3,871	4,450
Prescriptions	12,652	14,170	16,154	Lipstick	894	966	1,048
Baby needs	2,510	2,885	3,069	Mascara	660	739	835
Disposable diapers	1,894	1,897	2,078	Hair care [7]	3,662	4,001	4,410
Analgesics [1]	1,339	1,430	1,655	Shampoo	1,116	1,275	1,406
Aspirin-salicylate compounds	721	742	796	Hair dressing	1,133	1,200	1,332
Cough/cold items	1,007	1,252	1,326	Hair accessories	883	933	872
Feminine hygiene	1,015	1,128	1,235	Personal hygiene [8]	1,827	2,008	2,152
Digestive aids [2]	1,087	1,176	1,227	Bath soaps	1,097	1,158	1,265
Antacids [1]	638	691	742	Deodorants	690	807	870
Home health care	933	964	[3] 1,089	Dental products	1,635	1,798	1,927
Vitamins	916	980	1,031	Toothpaste	742	831	922
First aid [4]	769	808	839	Fragrances	1,346	1,803	1,926
Diet aids	334	361	381	Men's	665	[9] 1,077	[9] 1,155
Foot care	205	255	278	Women's	681	726	771
Other [5]	395	424	480	Skin and sun care products	1,322	1,447	[10] 1,685
				Shaving products	1,097	1,191	1,218

[1] Effervescent compounds included in antacids. [2] Includes elimination aids such as laxatives and antidiarrheals, not shown separately. [3] Includes blood glucose tests. [4] Covers first aid supplies, external antiseptics, and hydrocortisones. [5] Covers contraceptives, hemorrhoidal preparations, sleeping aids, motion sickness preparations, and jock itch products. [6] Includes nail products and other face and eye makeup items, not shown separately. [7] Includes hair color and other hair preparations, not shown separately. [8] Includes personal hygiene appliances, not shown separately. [9] Includes men's fragrance extension products. [10] Includes medicated soaps.

Source: Medical Economics Company, Inc., Oradell, N.J., *Drug Topics*, Marketing Guide, annual. (Further reproduction prohibited without written permission of copyright owner.)

NO. 200. AVERAGE HEIGHTS AND WEIGHTS, BY AGE AND SEX: 1960–1962, 1971–1974, AND 1976–1980

[Height was measured without shoes. For 1960–1962, two pounds are deducted to allow for weight of clothing; for 1971–1974 and 1976–1980 total weights of all clothing ranged from .2 to .62 pound, which are not deducted from weights shown. Based on sample and subject to sampling variability; see source]

SEX, YEAR, AND HEIGHT (feet and inches)	18–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65–74 years
MEN	HEIGHT (inches)					
1960–1962	68.7	69.1	68.5	68.2	67.4	66.9
1971–1974	69.7	69.6	69.1	68.9	68.3	67.3
1976–1980	69.7	69.6	69.4	69.0	68.4	67.4
WOMEN						
1960–1962	63.8	63.7	63.5	62.9	62.4	61.5
1971–1974	64.3	64.1	64.1	63.6	62.8	62.3
1976–1980	64.3	64.2	64.1	63.5	63.0	62.2
MEN	WEIGHT (lb.)					
1960–1962, total	158	169	170	170	164	158
1971–1974, total	165	176	178	175	171	164
1976–1980, total	163	173	178	178	174	165
5'2"	130	139	146	148	147	143
5'3"	135	145	149	154	151	148
5'4"	139	151	155	158	156	152
5'5"	143	155	159	163	160	156
5'6"	148	159	164	167	165	161
5'7"	152	164	169	171	170	165
5'8"	157	168	174	176	174	169
5'9"	162	173	178	180	178	174
5'10"	166	177	183	185	183	178
5'11"	171	182	188	190	187	182
6'	175	186	192	194	192	187
6'1"	180	191	197	198	197	192
6'2"	185	196	202	204	201	195
WOMEN						
1960–1962, total	127	134	142	145	150	144
1971–1974, total	132	140	148	149	149	146
1976–1980, total	134	142	148	150	150	147
4'9"	111	120	131	129	132	132
4'10"	114	123	133	132	135	135
4'11"	118	126	136	136	138	138
5'	121	130	139	139	142	142
5'1"	124	133	141	143	145	145
5'2"	128	136	144	146	148	148
5'3"	131	139	146	150	151	151
5'4"	134	142	149	153	154	154
5'5"	137	146	151	157	157	157
5'6"	141	149	154	160	161	160
5'7"	144	152	156	164	164	163
5'8"	147	155	159	168	167	166

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 11, and unpublished data.

No. 201. Per Capita Consumption of Major Food Commodities: 1960 to 1982

[In pounds, except as indicated. Consumption represents the residual after exports, nonfood use, and ending stocks are subtracted from the sum of beginning stocks, domestic production, and imports. Based on Bureau of the Census population estimates. For similar but unrevised data, see *Historical Statistics, Colonial Times to 1970*, series G 881-915]

COMMODITY	1960	1965	1970	1975	1978	1979	1980	1981	1982, prel.
Meats (carcass weight)	173.7	175.6	192.2	180.3	182.6	177.8	180.2	177.8	170.8
Beef	85.0	99.5	113.5	118.8	117.9	105.5	103.4	104.3	104.4
Veal	6.1	5.2	2.9	4.1	2.9	2.0	1.8	1.9	2.0
Lamb and mutton	4.8	3.7	3.2	2.0	1.6	1.5	1.5	1.6	1.7
Pork (excluding lard)	77.7	67.2	72.6	55.4	60.3	68.8	73.5	69.9	62.7
Fish (edible weight)	10.3	10.8	11.8	12.2	13.4	13.0	12.8	12.9	12.3
Fresh and frozen	5.7	6.0	6.9	7.5	8.1	7.8	8.0	7.8	7.7
Canned	4.0	4.3	4.5	4.3	5.0	4.8	4.5	4.8	4.3
Cured	.6	.5	.4	.4	.3	.4	.3	.3	.3
Poultry products:									
Eggs (number)	334	313	309	276	273	278	272	266	263
Chicken (ready-to-cook)	27.8	33.3	40.4	40.1	46.7	50.6	50.1	51.7	52.9
Turkey (ready-to-cook)	6.2	7.4	8.0	8.5	9.2	9.9	10.5	10.7	10.8
Dairy products:									
Total milk fat solids	24.5	22.9	20.6	19.8	20.0	20.1	19.9	19.9	20.5
Total nonfat milk solids	43.4	40.6	39.7	37.5	37.3	37.2	36.6	36.4	36.1
Cheese	8.3	9.6	11.5	14.3	17.0	17.2	17.6	18.1	19.6
Condensed and evaporated whole milk	13.7	10.6	7.1	5.2	4.1	4.1	3.8	4.1	4.0
Fluid milk and cream (product weight)	302	292	277	267	257	253	250	246	242
Ice cream (product weight)	18.3	18.5	17.6	18.5	17.4	17.1	17.3	17.2	17.5
Fats and oils, total (fat content)	45.1	47.7	52.6	52.3	54.6	55.8	55.8	56.9	(NA)
Butter (actual weight)	7.5	6.4	5.3	4.7	4.4	4.5	4.5	4.3	4.5
Margarine (actual weight)	9.3	9.8	10.8	11.0	11.2	11.2	11.3	11.2	11.1
Lard	7.5	6.3	4.6	2.8	2.2	2.4	2.4	2.5	2.5
Shortening	12.6	14.2	17.3	17.0	17.8	18.4	18.2	18.5	18.7
Other edible fats and oils	11.4	14.1	17.7	19.9	22.1	22.4	22.7	23.5	23.3
Fruits:									
Fresh, total (farm weight)	93.9	81.4	81.4	83.5	81.5	83.3	88.6	90.0	85.1
Citrus [1]	33.7	29.2	28.8	29.4	26.5	24.5	28.9	24.2	24.0
Apples (commercial)	18.3	16.3	18.3	17.7	15.8	17.0	17.9	19.3	16.1
Other (excluding melons)	41.9	35.9	34.3	36.4	39.2	41.8	41.8	46.5	45.0
Processed:									
Canned fruit	22.6	23.5	23.3	19.0	17.9	17.8	17.4	16.4	13.0
Canned juices (excl. frozen)	12.9	10.6	14.5	14.6	16.5	16.9	16.7	19.1	13.8
Frozen (including juices)	9.2	8.7	9.9	14.0	12.5	12.6	13.0	12.7	14.1
Dried [2]	3.1	3.0	2.7	2.9	2.1	2.6	2.4	2.7	2.8
Vegetables: [3]									
Fresh (farm weight)	105.7	98.3	99.1	98.0	103.8	104.7	107.5	104.6	109.3
Canned (excluding potatoes and sweet potatoes)	43.4	46.9	51.1	51.9	51.8	53.2	49.8	45.9	(NA)
Frozen (excluding potatoes)	7.0	8.0	9.6	9.6	10.7	11.2	10.4	11.3	(NA)
Potatoes (fresh equivalent) [3 4]	109	107	117	120	121	124	118	113	114
Frozen potatoes (product)	2.7	5.7	11.1	13.7	17.2	17.7	16.9	18.2	18.1
Sweet potatoes (fresh equivalent) [3 4]	7.1	6.2	5.6	5.3	5.1	5.2	5.4	4.3	4.9
Dry edible beans	7.3	6.6	6.4	6.6	4.8	4.4	4.3	5.7	6.0
Melons (farm weight) [3]	25.8	23.6	23.2	18.9	21.8	20.8	18.6	20.7	22.4
Sugar (refined)	97.6	97.0	101.7	89.1	91.4	89.3	83.6	79.5	75.3
Grains:									
Cornmeal and other [5]	14.3	15.1	15.8	15.9	15.9	15.9	15.8	15.8	15.8
Corn sweeteners	13.9	18.2	23.4	34.2	43.3	47.2	52.7	58.8	63.8
Oat food products	3.6	3.4	3.2	3.2	3.2	3.1	3.1	3.1	3.1
Wheat flour [6]	118	113	111	114	115	117	117	116	114
Wheat breakfast cereals	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Rye flour	1.1	1.1	1.2	1.0	.8	.7	.7	.7	.7
Rice, milled [1]	6.1	7.6	6.7	7.6	5.7	9.4	9.4	11.0	11.8
Other:									
Coffee (green beans)	15.8	14.8	13.7	12.2	10.5	11.3	10.3	10.3	10.1
Tea	.6	.7	.7	.8	.8	.7	.8	.8	.8
Soft drinks (gallons)	13.6	19.2	23.7	27.3	35.4	36.8	37.8	38.9	39.6
Cocoa beans	3.6	4.0	3.9	3.2	3.3	3.2	3.2	3.6	3.8
Peanuts (shelled) [7]	4.9	5.6	5.8	6.5	6.8	6.8	5.5	6.4	6.6
Food consumption [8] (1967=100)	97	98	102	101	103	104	104	103	103

NA Not available. [1] For crop year beginning in previous year. [2] For pack year. [3] Excludes produce from home gardens. [4] Includes quantities canned and frozen. [5] Includes cornstarch, corn cereal, and hominy. [6] Comprises white, whole wheat, and semolina flour. [7] For crop year beginning September of year shown. [8] Retail weight equivalent, weighted by constant retail prices.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Consumption, Prices, and Expenditures* (Statistical Bulletin 694), November 1982 and unpublished data.

No. 202. Nutrition—Nutrients Available for Civilian Consumption per Capita per Day and Indexes: 1950 to 1981

[For 1950, excludes Alaska and Hawaii. Based on Bureau of the Census estimated population as of July 1. Quantities of nutrients computed by U.S. Dept. of Agriculture, Human Nutrition Information Service, Consumer Nutrition Division, on the basis of estimates prepared by the Economic Research Service of per capita food consumption (retail weight), including home garden produce. No deduction made in nutrient estimates for loss or waste of food in the home, use for pet food, or for destruction or loss of nutrients during the preparation of food. Data include iron, thiamin, riboflavin, and niacin added to flour and cereal products; other nutrients added primarily as follows: Vitamin A value to margarine, milk of all types, milk extenders; vitamin B_6 to cereals, meat replacements, infant formulas; vitamin B_{12} to cereals; ascorbic acid to fruit juices and drinks, flavored beverages and dessert powders, milk extenders, and cereals. Minus sign (−) indicates decrease. See *Historical Statistics, Colonial Times to 1970*, series G 851-856, for related data]

NUTRIENT	Unit	1950	1960	1965	1970	1975	1979	1980	1981	PERCENT CHANGE 1950-1960	1960-1970	1970-1981
Food energy	Calories	3,250	3,190	3,200	3,340	3,260	3,410	3,400	3,420	−1.8	4.7	2.4
Protein	Grams	94	96	97	101	99	101	100	100	2.1	5.2	−1.0
Fat	Grams	145	148	150	160	152	161	162	163	2.1	8.1	1.9
Carbohydrate	Grams	401	376	373	382	381	397	393	395	−6.2	1.6	3.4
Calcium	Grams	.98	.96	.94	.93	.90	.89	.88	.88	−2.0	−3.1	−5.4
Phosphorus	Grams	1.53	1.52	1.51	1.54	1.51	1.50	1.48	1.48	−.7	1.3	−3.9
Iron	Milligrams	16.0	16.0	16.0	17.1	17.0	17.1	16.9	17.0	-	6.9	−.6
Magnesium	Milligrams	361	344	338	341	341	337	331	332	−4.7	−.9	−2.6
Vitamin A	Int'l units	8,500	8,100	7,700	8,200	8,100	8,100	8,000	8,100	−4.7	1.2	−1.2
Thiamin	Milligrams	1.90	1.92	1.86	1.96	1.98	2.14	2.16	2.13	1.1	2.1	8.7
Riboflavin	Milligrams	2.29	2.29	2.25	2.31	2.32	2.34	2.32	2.32	-	.9	.4
Niacin	Milligrams	20.4	21.8	22.5	24.1	24.8	26.2	25.8	26.0	6.9	10.6	7.9
Vitamin B_6	Milligrams	1.83	1.86	1.83	1.98	1.97	2.00	1.98	1.98	1.6	6.5	-
Vitamin B_{12}	Micrograms	8.7	9.0	9.0	9.7	9.2	9.0	9.0	9.2	3.4	7.8	−5.2
Ascorbic acid	Milligrams	106	106	98	112	120	121	123	121	-	5.7	8.0
INDEXES (1967 = 100)												
Food energy	Percent	99	97	98	102	100	104	104	104	−2.0	5.2	2.0
Protein	Percent	95	97	98	102	100	102	101	101	2.0	5.2	−1.0
Fat	Percent	94	95	97	103	98	104	105	105	1.1	8.4	1.9
Carbohydrate	Percent	106	100	99	101	101	105	104	105	−5.7	1.0	4.0

- Represents zero.

Source: U.S. Dept. of Agriculture, Human Nutrition Information Service. Data published by Economic Research Service in *Food Consumption, Prices, and Expenditures*, annual and *National Food Review*, quarterly.

No. 203. Daily per Capita Intake of Selected Nutrients, by Race and Income Levels: 1971-1974 and 1976-1980

[**Covers persons 1-74 years old.** Represents average daily intake per person. Data are based on 24-hour recall of respondent. For definition of median and mean, see Guide to Tabular Presentation. Based on findings of a sample survey in the first and second Health and Nutrition Examination Survey. Subject to sampling variability; see source]

NUTRIENT	1971-1974					1976-1980				
	Total persons [1]	White	Black	Persons with income [2]— Below poverty level	Above poverty level	Total persons [1]	White	Black	Persons with income [2]— Below poverty level	Above poverty level
Calories, mean	1,994	2,017	1,825	1,817	2,021	1,976	1,999	1,842	1,844	2,001
Median	1,820	1,840	1,668	1,645	1,845	1,773	1,797	1,650	1,667	1,797
Protein (g), mean	77.83	78.92	69.65	68.76	79.11	76.19	77.13	69.37	68.69	77.52
Median	69.63	70.78	60.85	61.41	70.96	66.31	67.26	60.56	59.77	67.56
Calcium (mg), mean	867	897	654	782	882	824	851	655	775	835
Median	727	755	553	653	740	686	708	543	651	695
Iron (mg), mean	11.95	12.10	10.80	10.70	12.13	13.01	13.23	11.61	11.71	13.24
Median	10.58	10.69	9.55	9.38	10.77	11.29	11.42	10.07	10.08	11.47
Vitamin A (I.U.), mean	4,774	4,802	4,613	4,381	4,821	5,146	5,101	5,443	4,489	5,253
Median	3,060	3,133	2,569	2,627	3,147	3,321	3,377	2,818	2,820	3,409
Vitamin C (mg), mean	86.32	86.99	80.01	72.05	88.53	100.82	100.07	101.64	84.46	103.47
Median	59.23	60.42	49.09	41.37	61.97	68.88	68.80	65.98	50.96	71.57

[1] Includes persons of other races, not shown separately. [2] See text, p. 447 and table 777.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 11, No. 202 and unpublished data.

NO. 204. FEDERAL FOOD PROGRAMS: 1960 TO 1982

[For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Includes Puerto Rico, Guam, Trust Territory of the Pacific Islands, Virgin Islands, and, beginning **1965**, American Samoa. All participation data are average monthly figures. Participants are not reported for special milk program, nutrition program for the elderly, and charitable institutions program. Cost data are direct benefits to recipients; excludes expenditure for administrative and other operational costs]

PROGRAM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Food stamp:											
Participants	Million	(x)	.4	4.3	17.1	17.1	16.0	17.7	21.1	22.4	21.7
Federal cost	Mil. dol	(x)	33	550	4,386	5,067	5,139	6,478	8,685	10,630	10,208
National school lunch program (NSLP): [1]											
Free lunches served	Million	217	286	739	1,638	1,696	1,659	1,623	1,671	1,740	1,624
Reduced-price lunches served	Million	(NA)	(NA)	(NA)	(NA)	209	249	278	308	312	265
Children participating	Million	13.8	18.3	22.5	24.9	26.3	26.7	27.0	26.6	25.8	23.1
Federal cost [2]	Mil. dol	94	130	300	1,289	1,674	1,825	2,002	2,304	2,397	2,197
School breakfast (SB):											
Children participating	Million	(x)	(x)	.5	1.8	2.5	2.8	3.3	3.6	3.8	3.4
Federal cost [2]	Mil. dol	(x)	(x)	11	86	146	179	230	288	339	321
Special school milk:											
Quantity reimbursed	Mil. ½ pt	2,385	2,967	2,902	2,139	2,205	1,953	1,821	1,795	1,542	228
Federal cost	Mil. dol	81	97	101	123	153	138	137	148	100	21
Women-infant-children: [3]											
Participants	Million	(x)	(x)	(x)	.3	.8	1.2	1.5	1.9	2.1	2.2
Federal cost	Mil. dol	(x)	(x)	(x)	94	227	334	447	603	729	784
Child care feeding: [4]											
Children participating	Million	(x)	(x)	.1	.4	.5	.5	.6	.7	.8	.8
Federal cost	Mil. dol	(x)	(x)	[5] 8	[5] 99	124	150	183	235	321	303
Summer feeding: [6]											
Children participating	Million	(x)	(x)	.2	1.4	2.1	1.8	1.6	1.6	1.4	1.0
Federal cost	Mil. dol	(x)	(x)	([5])	([5])	126	107	112	114	107	87
Needy family commodity:											
Participants	Million	3.9	5.3	3.8	.3	.1	.1	.1	.1	.1	.1
Federal cost	Mil. dol	59	227	289	56	11	13	21	20	31	45
Federal cost of commodities donated to:											
Schools (NSLP and SB)	Mil. dol	132	272	265	424	542	616	745	904	895	754
Charitable institutions	Mil. dol	16	30	23	20	18	28	54	[7] 71	75	120
Nutrition for the elderly	Mil. dol	(x)	(x)	(x)	2	19	38	58	75	94	101

NA Not available. X Not applicable. [1] See headnote, table 206.
[2] Excludes cost of commodities donated to schools. Excludes State contributions to cost of meals. [3] Covers special supplemental food program (WIC) and commodity supplemental food program. Excludes administrative cost of up to 20 percent of program expenditures.
[4] Program provides year-round subsidies to feed preschool children in child care centers and family day care homes. Between 1970 and 1975 program was combined with summer feeding program.
[5] Cost data for summer feeding program included with child care feeding program. [6] Program provides free meals to children in poor areas during summer months. See also footnote 4. [7] Includes cash-in-lieu of commodities.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service. In *Agricultural Statistics*, annual, and unpublished data.

NO. 205. FEDERAL FOOD STAMP PROGRAM: 1961 TO 1982

[Except as noted, for years ending **June 30** through **1976**; beginning **1977**, ending **Sept. 30.** Beginning **1975**, includes Puerto Rico, Guam, and Virgin Islands. Data for U.S. are periodically revised; therefore data will not match U.S. totals in table 206]

YEAR	Participants [1] (1,000)	Average monthly participation (1,000)	VALUE OF STAMPS ISSUED				
			Total coupon value (mil. dol.)	Cost to participants (mil. dol.)	Federal Govt. contribution		
					Total (mil. dol.)	Percent of total coupon value	Average monthly per participant
1961	50	50	1	(z)	(z)	46.1	$7.68
1965	633	425	85	53	33	38.0	6.38
1970	6,457	4,340	1,090	540	550	50.4	10.55
1971	10,549	9,368	2,713	1,190	1,523	56.1	13.55
1972	11,594	11,109	3,309	1,512	1,797	54.3	13.48
1973	12,107	12,166	3,884	1,753	2,131	54.9	14.60
1974	13,524	12,862	4,727	2,009	2,718	57.5	17.61
1975	19,197	17,064	7,266	2,880	4,386	60.4	21.41
1976	17,982	18,549	8,700	3,373	5,327	61.2	23.93
1977	16,134	17,077	8,351	3,284	5,067	60.7	24.73
1978	15,248	16,000	8,280	3,141	5,139	62.0	24.73
1979	19,373	17,652	[2] 7,225	[2] 747	6,478	([2])	30.59
1980	21,990	21,071	[2] 8,685	([2])	8,685	([2])	34.35
1981	22,161	22,431	[2] 10,630	([2])	10,630	([2])	39.49
1982, prel	[3] 20,308	21,717	[2] 10,208	([2])	10,208	([2])	39.18

Z Less than $500,000. [1] As of end of fiscal year. [2] As of Jan. 1, 1979, participants were no longer required to pay for a portion of total coupon value. [3] As of July 1, 1982, Puerto Rico was transferred to a nutrition assistance program.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service. In *Agricultural Statistics*, annual.

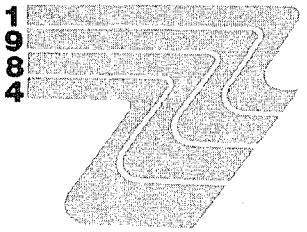
No. 206. Federal Food Stamp and National School Lunch Programs—States and Other Areas: 1975 to 1982

[Cost data: **1975** *for year ending* **June 30.** Beginning **1980** year ending **Sept. 30.** Food stamp participants as of **June 30** for **1975**, as of **Sept. 30** beginning **1980.** Data on pupils participating in National School Lunch Program are for month in which most pupils participated nationwide. For National School Lunch Program, covers public and private elementary and secondary schools and residential child care institutions. Sponsors of school lunch programs are reimbursed by the Federal Government at rates set by law for each meal served. For composition of regions, see fig. 1, inside front cover]

Region, division, state or other area	Food stamp program						National school lunch program					
	Persons (1,000)			Federal cost (mil. dol.)			Pupils (1,000)			Federal cost (mil. dol.)		
	1975	1980	1982	1975	1980	1982	1975	1980	1982	1975	1980	1982
Total	19,197	21,990	20,491	4,385.5	8,685.4	10,208.2	25,290	27,114	23,513	1,289.0	2,304.3	2,197.0
U.S.	17,351	20,077	20,437	4,115.1	7,825.1	9,501.5	24,740	26,533	22,955	1,253.0	2,223.3	2,101.4
Regions:												
Northeast	3,972	4,370	4,244	695.8	1,678.5	1,982.2	4,785	5,095	4,203	245.3	428.4	393.2
No. Central	3,746	4,325	4,953	886.1	1,604.0	2,329.3	6,504	6,730	5,678	265.4	462.1	423.7
South	6,919	8,392	8,077	1,840.3	3,429.6	3,822.5	10,046	10,499	9,352	563.7	965.2	913.6
West	2,714	2,990	3,163	692.9	1,112.9	1,367.5	3,405	4,209	3,722	178.6	367.6	370.9
N. Eng	1,116	940	859	185.8	357.8	399.2	1,318	1,380	998	58.9	105.6	85.3
Maine	151	139	125	31.0	59.2	65.4	136	147	122	7.3	13.4	11.2
N.H	66	53	45	11.3	21.4	23.9	83	97	94	3.4	7.1	5.4
Vt	46	41	48	9.3	17.0	21.4	60	64	51	2.7	4.9	3.8
Mass	560	446	394	81.7	171.3	188.3	734	700	478	30.3	49.8	39.6
R.I	104	87	79	18.0	29.9	35.6	84	77	54	4.5	7.6	6.8
Conn	189	174	167	34.5	59.0	64.6	221	295	199	10.7	22.8	18.5
Mid. Atl	2,856	3,430	3,385	510.0	1,320.7	1,583.0	3,467	3,715	3,205	186.4	322.8	307.9
N.Y	1,398	1,800	1,792	209.9	722.7	823.7	1,756	1,677	1,490	102.2	171.7	173.9
N.J	565	600	540	125.2	226.1	271.3	557	680	580	29.9	57.9	56.6
Pa	893	1,030	1,053	174.9	371.9	488.0	1,154	1,358	1,135	54.3	93.1	77.4
E. No. Cent	2,975	3,370	3,868	699.9	1,257.9	1,853.5	4,136	4,405	3,676	178.8	316.6	297.9
Ohio	924	916	1,059	253.4	378.5	533.1	1,102	1,063	915	48.6	84.4	79.6
Ind	255	399	442	58.2	154.3	212.9	738	732	630	23.5	39.0	33.7
Ill	948	915	1,026	235.7	394.2	547.3	1,079	1,152	943	55.6	91.4	94.1
Mich	685	903	1,001	123.4	262.8	449.5	712	916	743	33.5	69.3	62.4
Wis	163	237	340	29.3	68.1	110.7	505	543	445	17.6	32.4	28.1
W. No. Cent	771	955	1,085	186.2	346.1	475.8	2,368	2,324	2,002	86.6	145.5	125.8
Minn	191	185	218	40.3	61.6	84.5	571	538	463	20.7	32.9	26.2
Iowa	118	156	188	28.1	53.3	83.4	465	408	357	14.5	23.5	19.4
Mo	299	364	391	82.0	141.6	185.2	639	670	555	26.3	44.9	42.3
N. Dak	19	28	29	4.5	9.2	12.4	93	92	86	3.4	5.6	4.6
S. Dak	31	46	50	7.7	17.7	22.6	101	101	101	4.2	7.4	6.6
Nebr	50	72	83	11.3	24.9	32.2	195	203	171	6.7	12.2	10.4
Kans	63	104	126	12.3	37.8	55.5	304	312	269	10.8	19.0	16.3
So. Atl	3,214	3,807	3,576	807.9	1,543.6	1,731.9	4,720	4,864	4,354	262.8	454.3	421.7
Del	39	53	50	7.7	21.4	25.8	81	67	54	3.3	5.3	4.6
Md	273	335	317	76.2	139.5	163.4	396	444	346	20.2	35.8	29.8
D.C	111	104	90	25.7	40.1	44.6	74	47	47	5.8	8.7	7.7
Va	293	412	427	63.2	157.6	195.3	724	709	584	32.8	56.5	49.0
W. Va	204	216	252	56.1	86.7	113.1	255	240	255	13.6	23.3	20.6
N.C	537	592	541	121.9	233.8	256.0	922	932	796	52.9	90.2	80.3
S.C	421	440	430	121.3	180.4	201.3	480	483	447	32.6	51.2	49.9
Ga	569	658	624	129.3	264.1	283.9	845	878	840	50.2	80.5	80.0
Fla	767	997	845	206.6	420.0	448.5	945	1,066	984	51.4	101.9	99.2
E. So. Cent	1,667	2,283	2,282	456.3	934.0	1,085.1	2,271	2,250	2,005	129.5	216.3	210.6
Ky	449	485	538	128.4	211.2	267.9	572	560	488	29.4	47.8	45.0
Tenn	435	674	621	115.4	278.8	312.5	626	654	586	31.9	55.4	53.6
Ala	393	606	617	102.8	245.8	279.4	634	611	546	36.7	62.5	61.2
Miss	390	518	506	109.7	198.2	225.3	439	425	385	31.5	50.6	50.8
W. So. Cent	2,038	2,302	2,219	576.1	952.0	1,005.5	3,055	3,385	2,993	171.4	294.6	281.3
Ark	267	301	306	74.9	121.5	133.1	341	357	281	18.4	31.0	26.5
La	502	584	532	148.4	243.2	241.6	805	763	683	46.8	67.4	62.6
Okla	184	214	201	37.7	72.9	75.4	387	407	355	16.9	30.1	26.8
Tex	1,085	1,203	1,180	315.2	514.4	555.4	1,522	1,858	1,674	89.3	166.1	163.4
Mt	654	814	820	176.9	334.4	408.4	1,157	1,364	1,148	50.8	99.1	90.5
Mont	38	45	46	10.9	18.3	23.5	92	108	82	3.3	6.1	5.4
Idaho	39	65	67	10.4	27.8	36.7	98	120	111	3.3	7.4	7.7
Wyo	11	15	18	2.7	6.1	7.3	41	55	50	1.4	2.8	2.4
Colo	162	173	175	44.2	70.9	81.6	257	305	263	11.1	20.9	18.6
N. Mex	154	191	171	46.4	80.6	82.0	179	176	157	11.8	19.3	19.0
Ariz	166	227	232	40.8	94.3	127.0	241	291	223	11.3	23.3	21.7
Utah	50	61	79	11.0	21.1	31.8	199	232	197	6.6	14.3	11.8
Nev	34	37	32	10.5	15.3	16.5	50	77	65	2.0	5.0	3.9
Pac	2,060	2,176	2,343	516.0	778.5	959.1	2,248	2,845	2,574	127.8	268.5	280.4
Wash	239	260	287	69.0	90.1	137.2	326	367	301	15.0	26.4	24.7
Oreg	208	207	254	56.1	79.7	143.4	240	272	234	9.8	18.3	17.0
Calif	1,517	1,571	1,691	360.8	527.3	586.0	1,490	2,014	1,861	97.0	210.4	222.4
Alaska	12	32	15	6.6	21.6	25.3	35	33	34	1.2	4.1	4.5
Hawaii	84	106	96	23.6	59.8	67.2	157	159	144	4.8	9.3	11.8
P. Rico	1,800	1,855	(1)	261.0	826.7	[1] 670.3	497	510	466	33.1	70.8	63.0
Am. Samoa	(x)	(x)	(x)	(x)	(x)	(x)	9	8	8	.6	1.3	1.3
Guam	21	24	22	3.5	14.6	16.4	21	20	18	.8	1.9	1.9
Virgin Is	25	34	32	5.9	19.0	20.0	23	18	21	1.6	2.6	3.1
Trust Terr	(x)	(x)	(x)	(x)	(x)	(x)	-	20	26	-	3.9	4.8
No. Mariana	(x)	(x)	(x)	(x)	(x)	(x)	-	5	5	-	.5	.8
Dept. of Defense	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	14	(x)	(x)	.7

- Represents zero. X Not applicable. [1] Puerto Rico was transferred to a nutrition assistance program on July 1, 1982. *The Federal cost total is for October 1981–June 1982.*

Source: U.S. Dept. of Agriculture, Food and Nutrition Service, unpublished data. Federal cost data are published in *Agricultural Statistics*, annual.



Section 5

Education

This section presents data primarily concerning formal education as a whole, at various levels, and for public and private schools. Data shown relate to the school-age population and school enrollment, educational attainment, education personnel, and financial aspects of education. In addition, data are shown for libraries, adult education, and vocational training. The chief sources are the decennial census of population and the Current Population Survey (CPS), both conducted by the Bureau of the Census (see text, page 1), and annual, biennial, and other periodic surveys conducted by the National Center for Education Statistics.

The censuses of population have included data on school enrollment since 1840 and on educational attainment since 1940. The CPS has reported on school enrollment annually since 1945 and on educational attainment and illiteracy periodically since 1947.

The National Center for Education Statistics (NCES), part of the U.S. Department of Education, is continuing the pattern of statistical studies and surveys conducted by the U.S. Office of Education since 1870. The annual *Digest of Education Statistics* provides summary data on pupils, staff, finances, including government expenditures, and organization at elementary, secondary, and higher education levels and is also the primary source for detailed information on Federal funds for education and related activities. Projections of enrollment, graduates, teachers, and expenditures appear in the biennial *Projections of Education Statistics. The Condition of Education,* issued annually, presents a summary of information on education.

Other sources of data include special studies by NCES, publications of the National Education Association, and annual or biennial reports of education agencies in individual States. The census of governments, conducted by the Bureau of the Census every 5 years (for the years ending in "2" and "7"), provides data on school district finances and State and local government expenditures for education. Reports published by the Bureau of Labor Statistics contain data relating employment experience to educational attainment.

Types and sources of data.—The statistics in this section are of two general types. One type, exemplified by data from the Bureau of the Census, is based on direct interviews with individuals to obtain information about their own and their families' education. Data of this type relate to school enrollment and level of education attained, classified by age, sex, and other characteristics of the population. The school enrollment statistics reflect attendance or enrollment in any regular school within a given period; educational attainment statistics reflect the highest grade completed by an individual.

The second type, exemplified by data from NCES and the National Education Association, is based on reports from administrators of educational institutions and of State and local agencies having jurisdiction over education. Data of this type relate to enrollment, attendance, staff, and finances for the Nation, individual States, and local areas.

Unlike NCES, the Census Bureau does not regularly include specialized vocational, trade, business, or correspondence schools in its surveys. Both the Bureau of the Census and NCES include kindergartens in enrollment figures; the Census Bureau also includes all nursery schools, while NCES includes only publicly financed ones. At the higher education level, the statistics of both agencies are concerned with institutions granting degrees or offering work acceptable for degree-credit, such as junior colleges.

School attendance.—All States require that children attend school. While State laws vary as to the ages and circumstances of compulsory attendance, generally they require that formal schooling begin by age 6 and continue to age 16.

Schools.—NCES defines a *school* as "a division of the school system consisting of students composing one or more grade groups or other identifiable groups, organized as one unit with one or more teachers to give instruction of a defined type, and housed in a school plant of one or more buildings. More than one school may be housed in one school plant, as is the case when the elementary and secondary programs are housed in the same school plant."

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Regular schools are those which advance a person toward a diploma or degree. They include public and private nursery schools, kindergartens, graded schools, colleges, universities, and professional schools. *Public* schools are schools controlled and supported by local, State, or Federal governmental agencies; *private* schools are those controlled and supported mainly by religious organizations or by private persons or organizations.

The Bureau of the Census defines *elementary* schools as including grades 1 through 8; *high* schools as including grades 9 through 12; and *colleges* as including junior or community colleges, regular 4-year colleges, and graduate or professional schools. Statistics reported by NCES and the National Education Association by type of organization, such as elementary level and secondary level, may not be strictly comparable with those from the Bureau of the Census because the grades included at the two levels vary, depending on the level assigned to the middle or junior high school by the local school systems.

School year.—Except as otherwise indicated in the tables, data refer to the school year which, for elementary and secondary schools, generally begins in September of the preceding year and ends in June of the year stated. For the most part, statistics concerning school finances are for a 12-month period, usually July 1 to June 30. Enrollment data generally refer to a specific point in time, such as fall, as indicated in the tables.

Statistical reliability.—For a discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to Census Bureau and NCES data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 207. School Enrollment, 1955 to 1980, With Projections to 1990, and Number of Schools, 1955 to 1978

[In thousands. Enrollment as of fall; number of schools for school year ending the following year. See Historical Statistics, Colonial Times to 1970, series H421-429]

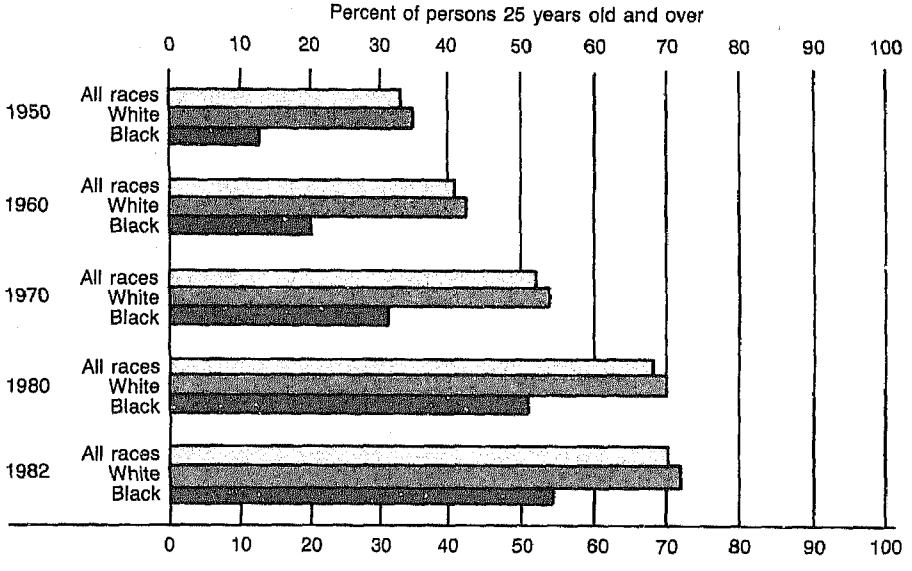
Item and year	Total		Independent nursery and kindergarten		Elementary [1]		Secondary		College	
	Public	Private	Public	Private	Public	Private	Public	Private	Public	Private
Enrollment: [2]										
1955	32,164	5,777	(NA)	(NA)	22,159	3,800	8,521	800	[3] 1,484	[3] 1,177
1961	39,793	7,532	(NA)	(NA)	24,603	4,900	12,861	1,100	[3] 2,329	[3] 1,532
1965	46,448	9,050	305	799	26,670	4,900	15,504	1,400	3,970	1,951
1970	52,758	8,622	421	1,106	27,501	4,052	18,408	1,311	6,428	2,153
1971	53,409	8,454	524	1,110	27,688	3,900	18,393	1,300	6,804	2,144
1972	53,364	8,286	549	1,142	27,323	3,700	18,421	1,300	7,071	2,144
1973	53,193	8,338	343	1,155	26,435	3,700	18,995	1,300	7,420	2,183
1974	53,407	8,607	365	1,372	26,382	3,700	18,671	1,300	7,989	2,235
1975	54,105	8,707	480	1,357	25,640	3,700	19,151	1,300	8,835	2,350
1976	53,469	8,757	499	1,231	25,430	3,825	18,887	1,342	8,653	2,359
1977	52,860	8,805	437	1,228	24,954	3,797	18,623	1,343	8,847	2,437
1978	51,836	8,837	501	1,277	25,017	3,732	17,534	1,353	8,784	2,475
1979	51,171	8,935	555	1,302	24,851	3,700	16,728	1,400	9,037	2,533
1980	51,084	9,174	632	1,434	24,287	3,700	16,708	1,400	9,457	2,640
1985, proj	49,585	9,346	807	1,784	23,738	3,600	15,428	1,400	9,612	2,562
1990, proj	51,806	9,893	923	2,008	27,022	4,000	14,245	1,400	9,616	2,485
Schools: [4]										
1955	(X)	(X)	(NA)	(NA)	104.4	12.4	26.0	3.9	.7	1.2
1961	(X)	(X)	(NA)	(NA)	81.9	14.8	25.4	4.1	.7	1.3
1965	(X)	(X)	(NA)	(NA)	73.2	15.3	26.6	4.6	.8	1.4
1970	(X)	(X)	(NA)	(NA)	65.8	14.4	25.4	3.8	1.1	1.5
1976	(X)	(X)	(NA)	(NA)	62.6	16.4	25.4	5.9	[5] 1.5	[5] 1.6
1978	(X)	(X)	(NA)	(NA)	62.0	16.1	24.5	5.8	[5] 1.5	[5] 1.7

NA Not available. X Not applicable. [1] Enrollment includes kindergarten. [2] For regular schools. [3] Degree-credit enrollment only. [4] Excludes schools not reported by level, such as special education. Schools with both elementary and secondary programs are included under elementary and also secondary. [5] Branch campuses counted separately.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual; and *Projections of Education Statistics*, biennial.

Figure 5.1

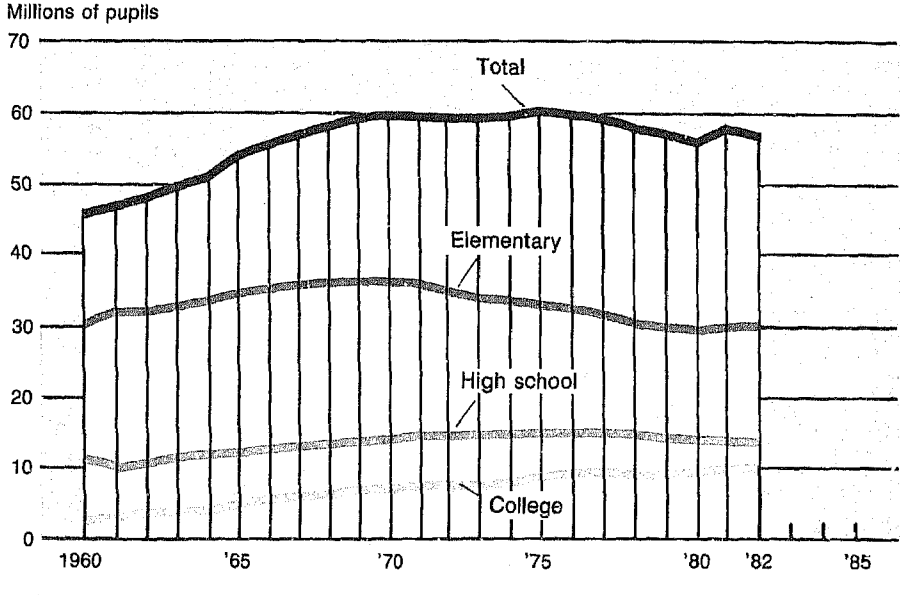
Percent of Adults Who Have Completed Four Years of High School or More: 1950 to 1982



Source: Chart prepared by U.S Bureau of the Census. For data, see table 223.

Figure 5.2

School Enrollment, by Level of Instruction: 1960 to 1982



Source: Chart prepared by U.S Bureau of the Census. For data, see table 216.

No. 208. Public and Private Schools, by Level—States and Other Areas

[Schools classified by type of organization, rather than by grade-group. See Appendix III. For composition of regions, see fig. 1, inside front cover]

Region, division, state or other area	Public, 1981				Private, 1981				Higher education,[5] 1982	
	Total	Elementary [1]	Secondary [2]	Combined [3]	Total	Elementary [4]	Secondary [2]	Combined [3]	Public	Private
U.S.	**83,688**	**59,326**	**22,619**	**1,743**	**19,011**	**13,333**	**2,219**	**3,459**	**1,493**	**1,787**
Regions:										
Northeast	15,041	11,263	3,524	254	4,988	3,626	756	606	264	549
North Central	26,187	18,740	7,216	231	5,976	4,735	625	616	362	504
South	26,517	18,154	7,471	892	4,562	2,602	457	1,503	544	500
West	15,943	11,169	4,408	366	3,485	2,370	381	734	312	234
N. Eng	**5,044**	**3,913**	**1,086**	**45**	**1,052**	**651**	**261**	**140**	**87**	**168**
Maine	747	578	159	10	85	35	23	27	12	17
N.H	442	344	87	11	85	44	25	16	11	16
Vt	383	317	57	9	45	24	17	4	6	16
Mass	2,139	1,647	484	8	444	286	113	45	31	86
R.I	309	244	63	2	100	68	17	15	3	10
Conn	1,024	783	236	5	293	194	66	33	24	23
Mid. Atl	**9,997**	**7,350**	**2,438**	**209**	**3,936**	**2,975**	**495**	**466**	**177**	**381**
N.Y	4,103	2,898	1,094	171	1,720	1,286	225	209	86	210
N.J	2,294	1,828	463	3	721	551	107	63	30	30
Pa	3,600	2,664	881	35	1,495	1,138	163	194	61	141
E. No. Cent	**15,949**	**11,859**	**3,915**	**175**	**4,182**	**3,317**	**420**	**445**	**224**	**304**
Ohio	3,983	2,952	1,028	3	843	668	109	66	59	80
Ind	2,091	1,550	512	29	461	349	37	75	28	46
Ill	4,069	3,111	863	95	1,151	952	130	69	63	97
Mich	3,688	2,748	895	45	856	608	87	161	44	48
Wis	2,118	1,498	617	3	871	740	57	74	30	33
W. No. Cent	**10,238**	**6,881**	**3,301**	**56**	**1,794**	**1,418**	**205**	**171**	**138**	**200**
Minn	1,675	1,036	615	22	462	363	38	61	28	39
Iowa	1,772	1,121	639	12	283	227	32	24	21	39
Mo	2,084	1,417	657	10	510	408	62	40	28	64
N. Dak	697	418	273	6	63	50	9	4	11	7
S. Dak	729	513	216	–	89	67	10	12	8	12
Nebr	1,738	1,339	399	–	221	174	32	15	13	15
Kans	1,543	1,035	502	6	166	129	22	15	29	24
So. Atl	**11,318**	**8,158**	**2,956**	**204**	**2,419**	**1,271**	**231**	**917**	**271**	**265**
Del	167	108	58	1	75	41	8	26	5	3
Md	1,266	926	322	18	345	231	55	59	32	25
D.C	177	124	52	1	75	48	19	8	1	17
Va	1,745	1,259	460	26	317	187	34	96	39	30
W. Va	1,112	802	281	29	82	49	9	24	16	13
N.C	2,001	1,403	550	48	283	113	15	155	74	54
S.C	1,129	788	337	4	191	70	11	110	33	29
Ga	1,784	1,305	451	28	308	115	20	173	34	46
Fla	1,937	1,443	445	49	743	417	60	266	37	48
E. So. Cent	**5,354**	**3,452**	**1,454**	**448**	**925**	**504**	**96**	**325**	**107**	**132**
Ky	1,359	1,011	348	–	268	191	32	45	21	36
Tenn	1,715	1,219	493	3	246	132	33	81	24	56
Ala	1,403	765	353	285	247	120	13	114	37	23
Miss	877	457	260	160	164	61	18	85	25	17
W. So. Cent	**9,845**	**6,544**	**3,061**	**240**	**1,218**	**827**	**130**	**261**	**166**	**103**
Ark	1,189	722	461	6	105	63	5	37	19	16
La	1,442	917	362	163	412	244	54	114	20	12
Okla	1,858	1,176	679	3	79	51	11	17	29	16
Tex	5,356	3,729	1,559	68	622	469	60	93	98	59
Mt	**5,387**	**3,740**	**1,589**	**58**	**692**	**469**	**71**	**152**	**100**	**51**
Mont	788	576	212	–	76	57	6	13	9	7
Idaho	557	356	190	11	45	29	3	13	6	3
Wyo	375	262	103	10	29	22	1	6	8	–
Colo	1,266	842	416	8	200	130	23	47	27	20
N. Mex	612	437	173	2	100	65	11	24	16	4
Ariz	897	641	234	22	183	125	19	39	19	10
Utah	621	429	188	4	24	15	5	4	9	5
Nev	271	197	73	1	35	26	3	6	6	2
Pac	**10,556**	**7,429**	**2,819**	**308**	**2,793**	**1,901**	**310**	**582**	**212**	**183**
Wash	1,741	1,121	542	78	300	187	21	92	33	17
Oreg	1,305	955	346	4	166	110	16	40	21	24
Calif	6,838	5,002	1,756	80	2,183	1,518	254	411	137	136
Alaska	442	190	120	132	35	14	4	17	12	3
Hawaii	230	161	55	14	109	72	15	22	9	3
U.S. academies	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	11	(X)
Other areas	**1,849**	**1,474**	**157**	**218**	*(NA)*	*(NA)*	*(NA)*	*(NA)*	**14**	**29**
Puerto Rico	1,752	1,398	137	217	(NA)	(NA)	(NA)	(NA)	10	29
American Samoa	29	24	5	–	(NA)	(NA)	(NA)	(NA)	1	–
Guam	33	26	7	–	(NA)	(NA)	(NA)	(NA)	2	–
Virgin Islands	35	26	8	1	(NA)	(NA)	(NA)	(NA)	1	–

– Represents zero. NA Not available. X Not applicable. [1] Includes one-teacher and middle schools. [2] Includes vocational/technical high schools. [3] Includes combined elementary-secondary schools. [4] Includes middle schools. [5] Branch campuses counted as separate institutions.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 209. School Enrollment, by Type of School: 1940 to 1982

[**In thousands.** Except as noted, **1940 to 1960,** for school year ending in year shown thereafter, as **of fall of preceding year.** See *Historical Statistics, Colonial Times to 1970,* series H 421-429, for kindergarten, elementary, and secondary. See also Appendix III]

TYPE OF SCHOOL	1940	1950	1960	1970	1975	1976	1979	1980	1981	1982
Total	**29,751**	**31,319**	**45,228**	**58,566**	**59,677**	**59,817**	**59,095**	**58,595**	**58,331**	**57,745**
Kindergarten [1]	**661**	**1,175**	**2,293**	**2,821**	**3,002**	**3,163**	**2,871**	**3,069**	**3,084**	**3,090**
Public [2]	595	1,034	1,923	2,601	2,784	2,945	2,652	2,675	2,689	2,700
Grades 1-8 [3]	**20,466**	**21,032**	**30,119**	**34,190**	**32,019**	**31,118**	**29,341**	**28,736**	**28,422**	**27,979**
Public [2]	18,237	18,353	25,679	29,996	28,137	27,542	25,773	25,247	24,985	24,569
Private [2]	2,096	[4] 2,575	[4] 4,286	[5] 4,000	[5] 3,700	[5] 3,400	[5] 3,400	[5] 3,325	[5] 3,272	[5] 3,250
Residential schools for exceptional children	56	[5] 49	[5] 59	[5] 87	[5] 85	[5] 83	[5] 79	[5] 78	[3 5] 165	[3 5] 160
Federal schools:										
For Indians	17	20	25	34	31	29	[5] 28	[5] 26		
On Fed. installations	(NA)	(NA)	19	[5] 33	25	23	[5] 23	[5] 23		
Grades 9-12 [3]	**7,130**	**6,453**	**9,600**	**14,418**	**15,633**	**15,804**	**15,623**	**15,220**	**14,728**	**14,304**
Public high schools [2]	6,601	5,725	8,485	13,022	14,132	14,304	14,125	13,723	13,313	12,879
Private high schools [2]	458	[4] 672	[4] 1,035	[5] 1,300	[5] 1,400	[5] 1,400	[5] 1,400	[5] 1,400	[5] 1,320	[5] 1,330
Residential schools for exceptional children	10	[5] 10	[5] 24	[5] 37	[5] 41	[5] 41	[5] 41	[5] 39	[3 5] 95	[3 5] 95
Federal schools:										
For Indians	7	8	12	12	11	11	[5] 10	[5] 10		
On Federal installations	(NA)	(NA)	1	[5] 3	4	3	[5] 3	[5] 3		
Higher education [7]	**1,494**	**2,659**	**[8] 3,216**	**7,136**	**9,023**	**9,731**	**11,260**	**11,570**	**12,097**	**12,372**
Publicly controlled	797	1,355	[8] 1,832	5,112	6,838	7,426	8,786	9,037	9,457	9,647
Privately controlled	698	1,304	[8] 1,384	2,024	2,185	2,306	2,474	2,533	2,640	2,725

NA Not available. [1] Includes private schools, residential schools for exceptional children and Federal schools for Indians; beginning 1960, also includes subcollegiate departments of higher education and Federal schools on Federal installations. [2] Excludes subcollegiate departments of institutions of higher education, residential schools for exceptional children, and Federal schools. [3] Includes subcollegiate departments of higher education. [4] Data from Bureau of the Census. [5] Estimated. [6] Data for 1945-46. [7] Through 1975 resident degree-credit enrollment; beginning 1979, includes resident and extension in degree-credit and non-degree credit programs. [8] As of fall.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual.

No. 210. School Expenditures, by Type of Control and Level of Instruction, 1955 to 1980, and Projections, 1985 and 1990

[**In billions of dollars.** For school years ending in **June** the following year. Excludes "other" schools (see headnote table 207), accounting for an estimated $500 million in 1980-81. Due to conceptual and methodological differences, these data may not agree with data in table 211 or 218. See *Historical Statistics, Colonial Times to 1970,* series H 494, 499, and 500 for related but not comparable data, and H 513-519 for private schools. See also Appendix III]

YEAR	PUBLIC SCHOOLS					PRIVATE SCHOOLS				
	Total	Elementary and secondary		College		Total	Elementary and secondary		College	
		Total	Current expenditures [1]	Total	Current expenditures [1]		Total	Current expenditures [1]	Total	Current expenditures [1]
1955	13.9	11.4	8.4	2.4	1.8	3.2	1.4	1.0	1.8	1.5
1961	23.7	18.6	14.9	5.1	3.7	6.3	2.4	2.0	3.9	3.1
1965	35.1	25.3	21.7	9.8	6.7	9.8	3.4	2.8	6.4	5.2
1970	63.6	46.0	39.6	17.6	14.6	14.7	5.4	4.6	9.3	8.2
1971	67.2	48.1	42.2	19.1	16.0	15.5	5.5	4.8	10.0	8.9
1972	72.6	51.9	46.2	20.7	17.7	16.2	5.6	5.0	10.6	9.6
1973	79.9	57.0	50.5	22.9	19.7	17.7	6.4	5.6	11.3	10.2
1974	91.1	64.8	57.4	26.3	22.8	19.8	7.2	6.4	12.6	11.3
1975	99.5	70.4	62.6	29.1	25.5	21.5	7.9	7.0	13.6	12.4
1976	106.3	75.0	67.7	31.3	27.9	23.6	8.7	7.9	14.9	13.6
1977	114.1	80.8	73.6	33.3	30.0	25.6	9.5	8.7	16.1	14.9
1978	123.4	87.1	79.5	36.3	32.9	28.2	10.4	9.5	17.8	16.6
1979	135.4	94.7	86.8	40.7	37.0	32.2	11.6	10.7	20.6	18.7
1980	148.2	102.5	93.9	45.7	41.4	36.5	13.0	11.9	23.5	21.3
1985	153.8	108.2	101.9	45.6	41.2	36.5	13.8	13.0	22.7	20.9
1990	167.4	122.8	116.4	44.6	40.4	37.9	16.0	15.2	21.9	20.2

[1] Includes interest.

Source: National Center for Education Statistics, *Projections of Education Statistics,* biennial.

NO. 211. SCHOOL EXPENDITURES, BY SOURCE OF FUNDS: 1960 TO 1983

[For school years ending in year shown. Includes nursery, kindergarten, and special programs when provided by school system. *Nonpublic elementary and secondary school expenditures are estimates*]

SOURCE OF FUNDS AND TYPE OF SCHOOL	TOTAL (bil. dol.)											PERCENT		
	1960	1966	1970	1975	1977	1978	1979	1980	1981	1982 [1]	1983 [2]	1960	1970	1983 [2]
Total	**24.7**	**45.2**	**70.4**	**111.1**	**131.0**	**140.4**	**152.1**	**171.1**	**186.5**	**200.8**	**215.4**	**100.0**	**100.0**	**100.0**
Federal	1.7	5.0	7.5	12.1	14.4	14.6	16.1	18.6	19.6	19.4	20.3	6.9	10.7	9.4
State	7.2	13.1	22.2	38.7	47.5	51.1	56.4	64.9	70.7	76.6	83.1	29.1	31.5	38.6
Local	9.7	15.1	22.6	33.2	37.1	39.1	40.1	43.2	46.1	50.1	52.8	39.3	32.1	24.5
All other	6.1	12.0	18.1	27.1	32.0	35.6	39.5	44.3	50.1	54.7	59.2	24.7	25.7	27.5
Public	19.7	35.3	56.8	91.3	107.6	114.6	123.5	137.8	149.5	160.5	172.2	79.8	80.7	80.0
Federal	*1.2*	*3.6*	*5.8*	*9.8*	*11.7*	*11.7*	*12.9*	*14.5*	*15.1*	*14.6*	*15.2*	*4.8*	*8.2*	*7.1*
State	7.2	13.0	22.1	38.4	47.2	50.8	56.1	64.5	70.2	76.1	82.5	29.1	31.4	38.3
Local	9.7	15.1	22.5	33.1	37.0	39.0	40.0	43.0	46.0	49.9	52.6	39.3	32.0	24.4
All other	1.6	3.6	6.4	10.0	11.7	13.2	14.4	15.8	18.1	19.9	21.9	6.5	9.1	10.2
Private	5.0	9.9	13.6	19.8	23.4	25.7	28.7	33.2	37.1	40.3	43.2	20.2	19.3	20.0
Federal	.5	1.4	1.7	2.3	2.7	2.9	3.2	4.1	4.5	4.8	5.1	2.0	2.4	2.4
State and local	(z)	.1	.2	.4	.4	.4	.4	.6	.7	.7	.8	(z)	.2	.4
All other	4.5	8.4	11.7	17.1	20.3	22.4	25.1	28.6	31.9	34.8	37.3	18.2	16.6	17.3
Elementary and secondary [3]	**18.0**	**30.0**	**45.7**	**72.2**	**85.5**	**90.9**	**98.0**	**108.6**	**116.0**	**124.2**	**132.9**	**100.0**	**100.0**	**100.0**
Federal	.7	2.1	3.4	6.0	7.4	7.7	8.5	9.5	9.6	8.8	9.0	3.9	7.4	6.8
State	5.6	9.6	15.8	27.2	34.0	36.0	39.8	45.1	48.8	53.0	57.6	31.1	34.6	43.3
Local	9.5	14.7	21.7	31.7	35.3	37.3	38.5	41.5	44.2	47.9	50.6	52.8	47.5	38.1
Public	15.9	26.5	41.0	65.0	76.8	81.2	87.1	96.4	102.9	110.0	117.6	88.3	89.7	88.5
Federal	.7	2.1	3.4	6.0	7.4	7.7	8.5	9.5	9.6	8.8	9.0	3.9	7.4	6.8
State	5.6	9.6	15.8	27.2	34.0	36.0	39.8	45.1	48.8	53.0	57.6	31.1	34.6	43.3
Local	9.5	14.7	21.7	31.7	35.3	37.3	38.5	41.5	44.2	47.9	50.6	52.8	47.5	38.1
All other	.1	.1	.1	.1	.1	.2	.3	.3	.3	.3	.4	.6	.2	.3
Private	2.1	3.5	4.7	7.2	8.7	9.6	10.9	12.2	13.1	14.2	15.3	11.7	10.3	11.5
Institutions of higher education	**6.7**	**15.2**	**24.7**	**38.9**	**45.5**	**49.5**	**54.2**	**62.5**	**70.5**	**76.6**	**82.5**	**100.0**	**100.0**	**100.0**
Federal	1.0	2.9	4.1	6.1	7.0	6.8	7.6	9.1	10.1	10.6	11.3	14.9	16.6	13.7
State	1.6	3.5	6.4	11.5	13.5	15.1	16.6	19.8	21.9	23.6	25.5	23.9	25.9	30.9
Local	.2	.4	.9	1.5	1.8	1.8	1.6	1.7	1.9	2.2	2.2	3.0	3.6	2.7
All other	3.9	8.4	13.3	19.8	23.2	25.8	28.3	31.8	36.7	40.2	43.5	58.2	53.9	52.7
Public	3.8	8.8	15.8	26.3	30.8	33.4	36.4	41.4	46.6	50.5	54.6	56.7	64.0	66.2
Federal	.5	1.5	2.4	3.8	4.3	4.0	4.4	5.0	5.5	5.8	6.2	7.5	9.7	7.5
State	1.6	3.4	6.3	11.2	13.2	14.8	16.3	19.4	21.4	23.1	24.9	23.9	25.5	30.2
Local	.2	.4	.8	1.4	1.7	1.7	1.5	1.5	1.8	2.0	2.0	3.0	3.2	2.4
All other	1.5	3.5	6.3	9.9	11.6	13.0	14.1	15.5	17.8	19.6	21.5	22.4	25.5	26.1
Private	2.9	6.4	8.9	12.6	14.7	16.1	17.8	21.0	24.0	26.1	27.9	43.3	36.0	33.8
Federal	.5	1.4	1.7	2.3	2.7	2.9	3.2	4.1	4.5	4.8	5.1	7.5	6.9	6.2
State and local	(z)	.1	.2	.4	.4	.4	.4	.6	.7	.7	.8	(z)	.8	1.0
All other	2.4	4.9	7.0	9.9	11.6	12.6	14.2	16.4	18.8	20.6	22.0	35.8	28.3	26.7

Z Less than $50 million or less than .05 percent. [1] Estimated. [2] Preliminary. [3] Includes, in addition to regular schools, "other" schools such as *residential schools for exceptional children*, Federal schools for Indians, and federally operated schools on military posts; includes items not shown separately.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual, and unpublished data.

NO. 212. FEDERAL OUTLAYS FOR EDUCATION AND RELATED ACTIVITIES: 1960 TO 1981

[**In millions of dollars.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** See headnote, table 213]

YEAR	OUTLAYS SUPPORTING EDUCATION IN EDUCATIONAL INSTITUTIONS						Other outlays for education and related activities
	Total	Grants				Loans, higher education	
		Total	Elementary, secondary	Higher education	Vocational technical		
1960	1,734	1,493	490	830	173	240	2,267
1966	*5,844*	*5,232*	*2,037*	*2,272*	*923*	*612*	*3,820*
1970	9,236	8,728	3,206	3,911	1,611	508	3,329
1972	11,782	11,433	3,840	5,172	2,421	349	4,516
1973	12,689	12,343	4,033	5,965	2,344	346	4,706
1974	13,082	12,729	4,130	6,064	2,535	352	4,847
1975	17,604	17,124	4,884	7,992	4,248	480	5,863
1976	19,553	19,157	4,679	9,675	4,803	396	6,137
1977	18,780	18,459	4,965	8,899	4,594	322	7,568
1978	21,598	20,795	5,707	9,385	5,703	802	7,442
1979	*24,383*	*22,995*	*6,714*	*9,322*	*6,958*	*1,388*	*8,390*
1980, est	26,753	24,952	7,355	9,904	7,692	1,802	9,230
1981, est	26,771	25,275	7,737	9,828	7,710	1,496	9,264

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 213. FEDERAL OUTLAYS FOR EDUCATION AND RELATED ACTIVITIES: 1970 TO 1981

[**In millions of dollars, except as indicated.** For years ending **June 30** except, beginning **1977**, ending **September 30.** Includes Puerto Rico and outlying areas. Minus sign (–) denotes repayments exceeding new loans for data on loans, and decrease for percent change. For explanation of average annual percent change, see Guide to Tabular Presentation]

TYPE OF SUPPORT, LEVEL, AND PROGRAM AREA	1970	1975	1976	1977	1978	1979	1980, est.	1981, est.
Federal outlays supporting education in educational institutions, total	**9,236**	**17,604**	**19,553**	**18,780**	**21,598**	**24,383**	**26,753**	**26,771**
Average annual percent change [1]	8.4	13.8	11.1	–3.9	15.0	12.9	9.7	.1
Grants	**8,728**	**17,124**	**19,157**	**18,459**	**20,795**	**22,995**	**24,952**	**25,275**
Elementary-secondary education [2]	3,206	4,884	4,679	4,965	5,707	6,714	7,355	7,737
School assistance—Fed. affected areas	656	619	599	765	766	912	821	554
Assistance for educationally deprived [3]	1,208	2,765	2,647	2,856	3,408	4,083	4,677	5,187
Economic opportunity [4]	534							
Supporting services [5]	296	361	336	377	398	403	395	393
Teacher Corps	18	39	24	3	8	14	14	15
Vocational education	181	351	388	309	297	358	460	461
Dependents' schools abroad	137	235	238	280	297	350	356	421
Public lands revenue for schools	82	149	131	93	256	270	322	373
Assistance in special areas [6]	79	136	118	84	79	50	49	54
Emergency school assistance	–	197	172	181	169	238	212	227
Higher education	[2] 3,911	7,992	9,675	8,899	9,385	9,322	9,904	9,826
Basic research in U.S. educational institutions proper [7]	984	1,271	1,421	1,638	2,111	2,459	2,733	3,002
Research facilities [7]	225	168	225	312	431	456	481	401
Training grants, fellowships, traineeships	896	1,082	1,037	985	1,126	974	1,076	1,004
Facilities and equipment	513	336	296	329	169	100	102	86
Other institutional support	178	428	488	458	474	541	567	585
Other student assistance	1,102	4,708	6,209	5,177	5,075	4,791	4,926	4,750
Vocational-technical and continuing	1,611	4,248	4,803	4,594	5,703	6,958	7,692	7,710
Vocational, technical and work training [8]	1,269	3,037	3,405	3,575	4,964	6,356	7,200	7,230
Veterans education	251	1,013	1,125	779	498	393	331	265
General continuing education [9]	66	152	208	190	187	158	117	172
Training of Federal, State, and local government personnel	25	47	65	51	54	52	45	43
Loans, higher education	**508**	**480**	**396**	**322**	**802**	**1,388**	**1,802**	**1,496**
Student loan program, NDEA [10]	197	449	420	378	748	1,371	1,766	1,475
College facilities loans [11]	311	31	–24	–57	55	17	35	21
Other Federal outlays for education and related activities, total	**3,441**	**5,908**	**6,169**	**7,615**	**7,485**	**8,461**	**9,304**	**9,349**
Average annual percent change [1]	–1.0	12.0	4.6	23.3	–1.7	12.7	10.0	.4
Applied research and development [7]	1,240	2,067	2,166	2,575	2,614	2,940	3,097	3,289
School lunch and milk programs	676	1,832	1,890	2,792	2,665	3,064	3,521	3,289
Training of Federal military personnel	676	996	975	1,037	1,033	1,192	1,279	1,300
Professional training, military	492	727	694	754	739	(NA)	(NA)	(NA)
U.S. military academies	184	270	282	282	294	(NA)	(NA)	(NA)
Library services	170	287	304	306	333	359	469	474
International Development Assistance	111	45	33	46	44	71	73	85
Other [2]	567	681	801	858	797	836	863	912
Agricultural extension service	125	219	219	239	240	262	250	264
Educational television facilities [12]	19	65	79	110	129	125	155	168
Surplus personal property transferred [13]	246	216	295	262	197	216	184	203
Surplus real property transferred [14]	12	37	22	29	13	6	14	(NA)

– Represents zero. NA Not available. [1] For 1970, change from 1968; for 1975, change from 1970. [2] Includes other outlays not shown separately. [3] Comprises Elementary and Secondary Education Act Title I, handicapped children, dropout prevention, bilingual education, Kendall School for the Deaf, and Model School for the Deaf. [4] Comprises Office of Economic Opportunity, Indian education, Appalachian Regional Development, Department of Labor, and Head Start preschool.

[5] Comprises supplemental centers school library materials, strengthening of State education agencies, captioned films for the deaf, dissemination of information, school counseling and testing, American Printing House for the Blind, planning and evaluation, and equipment and minor remodeling.

[6] Comprises funds for District of Columbia, Canal Zone (beginning 1980 excludes Canal Zone), territories and dependencies, Cuban refugees, and payments in lieu of taxes other than P.L. 81-874 and P.L. 81-815 for federally affected areas.

[7] Data from U.S. National Science Foundation, *Federal Funds for Research, Development, and Other Scientific Activities.* Higher education data include university operated research and development centers.

[8] Comprises adult vocational education and manpower training programs.

[9] Comprises Office of Education, ACTION (previously Peace Corps), Social and Rehabilitation Service, Dept. of Housing and Urban Development, Office of Economic Development, and additional programs for continuing education. [10] Comprises National Defense Education Act and insured student loans. [11] Comprises net amounts (loans minus loan repayments) for Dept. of Housing and Urban Development college housing loans, Office of Education college facilities loans, and Federal loans to the District of Columbia for school construction.

[12] Includes education broadcasting facilities. [13] Acquisition cost. [14] Fair value.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual.

No. 214. Enrollment in Public and Private Schools, by Level, 1965 to 1981, and Projections, 1985 to 1990

[**In thousands.** As of **fall.** Data are for regular day schools and exclude independent nursery schools and kindergartens, residential schools for exceptional children, subcollegiate departments of colleges, Federal schools for Indians, and federally operated schools on Federal installations. College data include degree-credit and nondegree-credit enrollment]

CONTROL OF SCHOOL AND LEVEL	1965	1970	1975	1978	1979	1980	1981	1985	1989	1990
Total	**54,394**	**59,853**	**60,976**	**58,895**	**58,215**	**58,046**	**57,520**	**56,340**	**58,044**	**58,768**
Public	46,143	52,337	53,626	51,336	50,682	50,444	49,795	48,778	50,241	50,883
Private [1]	8,251	7,516	7,350	7,559	7,533	7,602	7,725	7,562	7,803	7,885
Kindergarten through 8	35,463	36,629	34,187	32,157	31,572	31,297	30,869	30,551	33,347	34,244
Public	30,563	32,577	30,487	28,425	27,922	27,674	27,269	26,951	29,447	30,244
Private [1]	4,900	4,052	3,700	3,732	3,650	3,623	3,600	3,600	3,900	4,000
Grades 9 through 12	13,010	14,643	15,604	15,478	15,073	14,652	14,279	13,615	12,558	12,423
Public	11,610	13,332	14,304	14,125	13,723	13,313	12,879	12,215	11,158	11,023
Private [1]	1,400	1,311	1,300	1,353	1,350	1,339	1,400	1,400	1,400	1,400
College	5,921	8,581	11,185	11,260	11,570	12,097	12,372	12,174	12,139	12,101
Public	3,970	6,428	8,835	8,786	9,037	9,457	9,647	9,612	9,636	9,616
Private	1,951	2,153	2,350	2,474	2,533	2,640	2,725	2,562	2,503	2,485

[1] Data for 1970 and later years have been revised since originally published.

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics to 1990-1991, Digest of Education Statistics,* annual, and unpublished data.

No. 215. Enrollment in Public and Private Schools: 1960 to 1982

[**In millions, except percent.** See headnote, table 216]

YEAR	PUBLIC						PRIVATE					
	Total	Nursery	Kindergarten	Elementary	High school	College	Total	Nursery	Kindergarten	Elementary	High school	College
1960	39.0	(NA)	27.5		9.2	2.3	7.2	(NA)	4.9		1.0	1.3
1965	45.5	.1	2.4	27.6	11.5	3.8	9.2	.4	.6	4.9	1.5	1.8
1970	52.2	.3	2.6	30.0	13.5	5.7	8.1	.8	.5	3.9	1.2	1.7
1975	52.8	.6	2.9	27.2	14.5	7.7	8.2	1.2	.5	3.3	1.2	2.0
1978	50.0	.6	2.5	25.3	14.2	7.4	8.6	1.2	.5	3.2	1.2	2.4
1979	49.7	.6	2.6	24.8	14.0	7.7	8.2	1.2	.4	3.1	1.1	2.3
1980	(NA)	.6	2.7	24.4	(NA)		(NA)	1.4	.5	3.1	(NA)	
1981 [1]	49.7	.6	2.6	24.8	13.5	8.2	8.7	1.4	.5	3.0	1.1	2.6
1982	49.2	.7	2.7	24.4	13.0	8.4	8.7	1.4	.6	3.0	1.1	2.6
Percent White:												
1960	85.7	(NA)	84.3		88.2	92.2	95.7	(NA)	95.3		96.7	96.3
1965	85.0	73.2	85.5	83.3	86.5	92.9	95.5	91.1	90.9	96.4	95.7	95.3
1970	84.5	59.5	84.4	83.1	85.6	90.7	93.4	91.1	88.2	94.1	96.1	92.8
1975	83.2	68.3	82.9	82.3	83.5	87.3	91.6	88.6	89.1	93.3	94.2	89.9
1979	82.3	67.3	79.8	81.5	82.5	86.7	89.7	90.0	85.2	89.6	92.1	89.3
1980	(NA)	68.2	80.7	80.9	(NA)		(NA)	89.0	87.0	90.7	(NA)	
1981 [1]	81.3	67.4	81.4	80.5	81.6	84.6	89.1	88.7	85.7	90.2	91.8	87.6
1982	81.1	69.1	79.7	80.3	81.1	85.0	89.1	89.9	88.4	89.5	92.7	86.8

NA Not available. [1] Population controls based on the 1980 census; see text, p. 2.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 373, and earlier reports; and unpublished data.

No. 216. School Enrollment, by Sex and by Level: 1960 to 1982

[**In millions.** As of **Oct.** For **1960,** covers civilian noninstitutional population 5 to 34 years old; thereafter, 3 to 34 years old. Elementary includes kindergarten and grades 1-8; high school, grades 9-12; and college, 2-year and 4-year colleges, universities, and graduate and professional schools. Data for college represent degree-credit enrollment]

YEAR	ALL LEVELS [1]			ELEMENTARY			HIGH SCHOOL			COLLEGE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1960	46.3	24.2	22.0	32.4	16.7	15.7	10.2	5.2	5.1	3.6	2.3	1.2
1965	54.7	28.5	26.2	35.5	18.2	17.3	13.0	6.5	6.5	5.7	3.5	2.2
1970	60.4	31.4	28.9	37.1	19.0	18.1	14.7	7.4	7.3	7.4	4.4	3.0
1974	60.3	31.2	29.1	34.4	17.6	16.8	15.4	7.8	7.6	8.8	4.9	3.9
1975	61.0	31.6	29.4	33.8	17.3	16.5	15.7	8.0	7.7	9.7	5.3	4.4
1976	60.5	31.2	29.3	33.3	17.0	16.2	15.7	8.1	7.7	10.0	5.3	4.7
1977	60.0	30.8	29.2	32.4	16.6	15.8	15.8	8.0	7.8	10.2	5.4	4.8
1978	58.6	30.1	28.6	31.5	16.1	15.3	15.5	7.8	7.6	9.8	5.1	4.7
1979	57.9	29.5	28.3	30.9	15.9	15.0	15.1	7.7	7.4	10.0	5.0	5.0
1980	57.3	29.2	28.2	30.6	15.8	14.9	14.6	7.3	7.2	10.2	5.0	5.2
1981 [2]	58.4	29.8	28.6	31.0	15.9	15.0	14.6	7.4	7.2	10.7	5.4	5.4
1982	57.9	29.5	28.4	30.7	15.8	14.9	14.1	7.2	6.9	10.9	5.4	5.5

[1] Beginning 1965, includes nursery schools, not shown separately. [2] Population controls based on the 1980 census; see text, p. 2.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 373, and earlier reports; and unpublished data.

No. 217. Public School Enrollment in Regular School by Level—States: 1975 and 1981

[In thousands. As of fall. Includes unclassified students. For revised U.S. totals, see table 229. See also Appendix III]

REGION, DIVISION AND STATE	Pre Kindergarten through Grade 8		Grades 9–12 [1]		Higher education [2]	
	1975	1981	1975	1981	1975	1981
U.S	**30,545**	**27,269**	**14,294**	**12,879**	**8,835**	**9,647**
Ala	520	519	239	225	146	145
Alaska	65	64	25	27	13	24
Ariz	[3] 350	355	[3] 143	152	169	196
Ark	317	305	139	132	56	65
Calif	2,993	2,770	1,427	1,276	1,618	1,691
Colo	384	376	185	168	136	150
Conn	450	347	203	158	94	100
Del	84	60	43	35	27	28
D.C	94	68	36	27	15	14
Fla	1,061	1,035	490	452	288	346
Ga	751	737	340	320	143	146
Hawaii	121	109	56	54	43	45
Idaho	133	146	63	59	31	34
Ill	1,539	1,304	731	620	444	504
Ind	851	691	375	334	159	193
Iowa	408	341	204	175	84	100
Kans	294	282	154	128	108	124
Ky	475	459	217	200	105	116
La	592	543	255	239	132	151
Maine	172	149	79	68	31	32
Md	607	472	274	250	177	197
Mass	[3] 813	645	[3] 385	351	174	178
Mich	1,419	1,182	654	621	437	446
Minn	573	480	307	254	149	165
Miss	356	328	156	144	90	95
Mo	646	553	319	266	158	173
Mont	115	106	57	47	28	32
Nebr	210	187	105	87	61	77
Nev	96	103	44	49	30	40
N.H	120	110	54	54	24	26
N.J	[3] 998	788	[3] 460	411	228	248
N. Mex	183	187	91	81	48	57
N.Y	[3] 2,281	1,778	[3] 1,120	983	614	572
N.C	618	773	367	336	201	236
N. Dak	84	80	48	38	28	33
Ohio	1,535	1,255	757	643	337	385
Okla	408	409	186	174	124	140
Oreg	321	315	156	142	130	133
Pa	1,481	1,187	765	652	287	293
R.I	121	92	55	51	32	35
S.C	443	421	186	188	108	109
S.D	100	86	51	40	22	26
Tenn	626	594	251	245	140	153
Tex	1,992	2,098	821	837	542	626
Utah	212	262	97	94	57	62
Vt	73	65	31	28	17	18
Va	759	691	344	299	215	251
Wash	530	513	255	237	203	250
W. Va	283	267	121	111	68	71
Wis	625	513	339	291	211	241
Wyo	59	72	29	28	18	21

[1] Includes postgraduates. [2] See headnote, table 265. Includes U.S. military academies not shown separately. [3] Estimated.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual, and unpublished data.

No. 218. Private School Enrollment by Level—States: 1980

[In thousands. As of fall. Schools classified by type of organization, rather than grade group]

STATE	Elementary [1]	Secondary	Combined	Other [2]	Higher education
U.S	**2,902.4**	**1,003.9**	**929.4**	**126.1**	**2,639.5**
Ala	20.6	3.9	38.1	.1	20.6
Alaska	1.3	.4	2.1	(Z)	.7
Ariz	23.4	6.4	9.0	1.5	8.7
Ark	7.5	2.0	8.5	.4	11.5
Calif	312.2	97.9	92.3	11.3	191.2
Colo	19.2	5.5	8.8	1.8	17.3
Conn	43.3	33.4	9.0	2.8	61.8
Del	11.2	5.3	6.6	.3	4.6
D.C	10.3	5.5	4.3	1.2	72.8
Fla	90.1	27.5	82.0	5.5	77.5
Ga	20.8	6.0	54.1	1.7	44.0
Hawaii	17.3	5.8	13.9	.1	3.9
Idaho	2.9	.8	2.0	.1	8.5
Ill	241.6	82.2	14.2	11.3	153.0
Ind	64.7	18.1	15.2	2.2	58.0
Iowa	36.6	14.3	4.2	.2	43.0
Kans	22.2	6.7	3.1	1.8	14.6
Ky	42.1	14.7	11.0	1.9	28.2
La	88.5	28.4	40.1	2.0	23.4
Maine	5.9	6.5	3.4	1.8	11.4
Md	57.9	22.8	23.6	2.1	30.5
Mass	72.8	46.1	12.3	7.1	234.7
Mich	125.7	43.5	40.3	2.4	66.0
Minn	61.0	14.7	12.0	1.3	44.3
Miss	10.4	4.6	34.6	.5	11.7
Mo	83.2	28.7	10.8	3.7	69.2
Mont	4.5	1.3	1.8	.1	4.0
Nebr	23.9	10.4	3.9	.4	16.0
Nev	4.3	1.5	.6	.1	.2
N.H	8.9	9.0	1.8	1.1	22.7
N.J	149.3	56.9	17.1	6.6	74.6
N. Mex	9.8	3.6	3.5	1.1	3.2
N.Y	375.6	120.9	66.4	16.8	429.0
N.C	14.0	3.0	40.2	.8	59.4
N. Dak	7.2	2.8	.5	.1	2.4
Ohio	180.7	63.4	21.8	2.4	107.4
Okla	7.3	3.2	5.7	.2	23.1
Oreg	15.5	5.1	6.5	.7	17.4
Pa	255.0	91.5	42.8	12.7	215.2
R.I	17.0	8.1	3.8	.9	31.8
S.C	12.2	2.9	33.0	1.4	24.8
S.D	5.8	2.4	2.0	.7	8.4
Tenn	22.7	12.6	32.7	3.6	47.7
Tex	94.2	20.2	30.7	3.5	87.8
Utah	2.8	2.1	.7	(Z)	34.4
Vt	3.1	3.6	.2	.7	12.6
Va	33.4	9.5	30.0	2.2	34.0
Wash	28.5	8.9	16.7	1.8	27.6
W. Va	6.5	2.3	3.5	.2	10.7
Wis	125.9	27.0	6.9	2.6	33.9
Wyo	1.5	.2	1.3	.9	(Z)

Z Less than 50. [1] Includes middle schools. [2] Includes special education schools for the handicapped, vocational, alternative, and other schools.

Souce: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual, and unpublished data.

No. 219. School Enrollment and Rate, by Age, Sex and Race: 1960 to 1982

[**In thousands, except rate.** As of **October.** Covers persons 3 to 34 years old enrolled in nursery school and above. Data relates to civilian noninstitutional population and are based on Current Population Survey, see text p. 2. See *Historical Statistics, Colonial Times to 1970*, series H 442-476 for enrollment 5-34 years old]

YEAR AND AGE	TOTAL ENROLLED					RATE				
	Total	Male	Female	White	Black	Total	Male	Female	White	Black
1960, total [1]	**46,259**	**24,234**	**22,025**	**40,348**	**5,910**	**56.4**	**60.0**	**52.8**	**56.4**	**55.9**
3 and 4 years	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
5 and 6 years	6,436	3,292	3,146	5,574	864	80.7	80.8	80.6	82.0	73.3
7 to 13 years	25,621	13,074	12,547	22,149	3,472	99.5	99.5	99.6	99.6	99.1
14 and 15 years	5,641	2,878	2,763	4,939	701	97.8	97.9	97.6	98.1	95.9
16 and 17 years	4,601	2,370	2,231	4,088	512	82.6	84.5	80.6	83.3	76.9
18 and 19 years	1,817	1,063	754	1,606	210	38.4	47.8	30.0	38.9	34.6
20 and 21 years	817	517	300	750	67	19.4	27.1	13.1	20.6	11.9
22 to 24 years	533	419	114	498	35	8.7	15.0	3.4	9.3	4.4
25 to 29 years	514	415	99	476	36	4.9	8.4	1.8	5.2	2.9
30 to 34 years	278	206	72	264	13	2.4	3.7	1.2	2.6	1.0
1965, total [2]	**54,699**	**28,519**	**26,180**	**47,450**	**6,675**	**55.5**	**58.8**	**52.3**	**55.5**	**55.6**
3 and 4 years	886	438	448	731	[1] 155	10.6	10.2	10.9	10.3	[1] 11.8
5 and 6 years	7,039	3,577	3,462	6,054	900	84.4	84.4	84.4	85.3	79.1
7 to 13 years	27,450	13,932	13,518	23,582	3,618	99.4	99.3	99.4	99.4	99.1
14 and 15 years	6,980	3,546	3,434	6,034	883	98.9	99.0	98.7	99.0	98.1
16 and 17 years	6,053	3,067	2,986	5,293	679	87.4	88.0	86.9	87.8	83.9
18 and 19 years	2,930	1,689	1,241	2,628	267	46.3	55.6	37.7	47.1	39.6
20 and 21 years	1,378	839	539	1,280	74	27.6	37.6	19.5	29.4	12.8
22 to 24 years	982	720	262	926	49	13.2	21.1	6.5	14.1	6.2
25 to 29 years	658	483	175	619	24	6.1	9.4	3.1	6.5	2.1
30 to 34 years	343	228	115	303	26	3.2	4.5	2.1	3.2	2.4
1970, total	**60,357**	**31,413**	**28,944**	**51,719**	**7,829**	**56.4**	**59.7**	**53.2**	**56.2**	**57.4**
3 and 4 years	1,461	771	691	1,181	250	20.5	21.2	19.8	19.9	22.7
5 and 6 years	7,000	3,545	3,455	5,899	999	89.5	88.9	90.2	90.3	84.9
7 to 13 years	28,943	14,688	14,255	24,564	3,998	99.2	99.0	99.4	99.2	99.3
14 and 15 years	7,869	3,992	3,877	6,761	1,025	98.1	98.2	98.1	98.2	97.6
16 and 17 years	6,927	3,539	3,388	6,008	837	90.0	91.3	88.6	90.6	85.7
18 and 19 years	3,322	1,821	1,501	2,924	352	47.7	54.4	41.6	48.7	40.1
20 and 21 years	1,949	1,131	818	1,750	174	31.9	42.7	23.6	33.1	22.8
22 to 24 years	1,410	931	479	1,305	84	14.9	21.2	9.4	15.7	8.0
25 to 29 years	1,011	713	298	910	68	7.5	11.0	4.3	7.7	4.8
30 to 34 years	466	283	182	416	41	4.2	5.3	3.1	4.2	3.4
1975, total	**60,969**	**31,555**	**29,414**	**51,430**	**8,400**	**53.7**	**56.0**	**51.5**	**53.1**	**57.7**
3 and 4 years	2,101	1,052	1,049	1,697	344	31.5	30.9	32.1	30.8	34.2
5 and 6 years	6,590	3,346	3,244	5,494	972	94.7	94.4	95.1	94.8	94.5
7 to 13 years	26,104	13,267	12,837	21,892	3,759	99.3	99.0	99.6	99.3	99.2
14 and 15 years	8,300	4,231	4,070	7,023	1,151	98.2	98.4	98.0	98.3	97.4
16 and 17 years	7,398	3,811	3,587	6,289	987	89.0	90.7	87.2	89.3	86.8
18 and 19 years	3,765	1,940	1,825	3,185	485	46.9	49.9	44.2	46.5	47.1
20 and 21 years	2,393	1,304	1,089	2,097	262	31.2	35.3	27.4	31.8	27.1
22 to 24 years	1,728	1,030	697	1,506	173	16.2	20.0	12.6	16.8	14.2
25 to 29 years	1,679	1,061	618	1,459	163	10.1	13.1	7.2	10.0	9.4
30 to 34 years	910	512	398	788	103	6.6	7.7	5.6	6.6	7.1
1980, total	**57,348**	**29,155**	**28,192**	**47,673**	**8,251**	**49.7**	**50.9**	**48.5**	**48.9**	**53.9**
3 and 4 years	2,280	1,202	1,078	1,844	371	36.7	37.8	35.5	36.3	38.2
5 and 6 years	5,853	2,971	2,882	4,781	904	95.7	95.0	96.4	95.8	95.4
7 to 13 years	23,751	12,110	11,641	19,585	3,598	99.3	99.2	99.3	99.2	99.4
14 and 15 years	7,282	3,701	3,580	6,038	1,088	98.2	98.7	97.7	98.3	97.9
16 and 17 years	7,129	3,620	3,509	5,937	1,047	89.0	89.1	88.8	88.6	90.6
18 and 19 years	3,788	1,879	1,910	3,199	494	46.4	47.0	45.8	46.3	45.7
20 and 21 years	2,515	1,280	1,235	2,206	242	31.0	32.6	29.5	31.9	23.4
22 to 24 years	1,931	1,019	912	1,669	196	16.3	17.8	14.9	16.4	13.6
25 to 29 years	1,714	880	833	1,473	187	9.3	9.8	8.8	9.2	8.8
30 to 34 years	1,105	492	613	942	124	6.4	5.9	7.0	6.3	6.8
1981, total [3]	**58,390**	**29,793**	**28,597**	**48,169**	**8,350**	**48.9**	**50.2**	**47.7**	**48.2**	**52.5**
1982, total	**57,905**	**29,493**	**28,412**	**47,662**	**8,262**	**48.6**	**49.7**	**47.5**	**47.9**	**51.6**
3 and 4 years	2,424	1,239	1,185	1,952	386	36.4	36.4	36.4	35.9	38.6
5 and 6 years	6,070	3,093	2,977	4,961	913	95.0	94.7	95.3	94.9	95.4
7 to 13 years	23,654	12,075	11,579	19,322	3,530	99.2	99.1	99.3	99.2	99.1
14 and 15 years	7,037	3,588	3,449	5,803	1,026	98.5	98.7	98.3	98.6	98.1
16 and 17 years	6,891	3,520	3,371	5,677	1,018	90.6	91.3	89.9	90.3	91.6
18 and 19 years	3,837	1,937	1,899	3,196	500	47.8	48.9	46.8	47.9	43.6
20 and 21 years	2,777	1,392	1,385	2,404	269	34.0	35.2	32.9	35.1	24.3
22 to 24 years	2,120	1,142	978	1,733	275	16.8	18.5	15.1	16.2	17.0
25 to 29 years	1,935	1,002	933	1,646	204	9.6	10.1	9.0	9.6	8.4
30 to 34 years	1,162	506	656	967	142	6.3	5.6	6.9	6.1	7.0

NA Not available. [1] Black includes other races. [2] Except as noted, data are for Black only.
[3] Population controls based on the 1980 census; see text, page 2.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 373 and earlier reports; and unpublished data.

No. 220. Preprimary School Enrollment of Children 3 to 5 Years Old, by Race and Age, and by Labor Force Status of Mother: 1967 to 1982

[**As of October.** Civilian noninstitutional population. Includes public and nonpublic nursery school and kindergarten programs. Excludes 5 year olds enrolled in elementary school. Based on Current Population Survey; see text, p. 2]

Race, age, and labor force status	Number of children (1,000)								Percent enrolled of population		
	1967	1970	1975	1978	1979	1980	1981 [1]	1982	1967	1970	1982
Population, 3-5 years old	12,234	10,877	10,183	9,110	9,119	9,284	9,644	9,873	(x)	(x)	(x)
Total enrolled [2] [3]	**3,864**	**4,104**	**4,954**	**4,584**	**4,664**	**4,878**	**4,936**	**5,105**	**31.6**	**37.5**	**51.7**
Nursery	711	1,095	1,744	1,822	1,862	1,982	2,055	2,151	5.8	10.1	21.8
Kindergarten	3,157	3,009	3,211	2,761	2,802	2,896	2,881	2,954	25.8	27.7	29.9
White	3,265	3,414	4,105	3,697	3,786	3,994	4,038	4,165	31.8	37.8	51.6
Black	535	585	731	749	738	725	725	769	29.8	34.9	52.0
3 years old	273	454	683	758	746	857	891	928	6.8	13.0	27.4
4 years old	870	1,003	1,418	1,313	1,393	1,423	1,442	1,496	21.3	27.9	45.7
5 years old	2,721	2,617	2,852	2,512	2,525	2,598	2,604	2,681	65.4	69.2	83.4
ALL RACES [3]											
With mother in labor force [4]	1,353	1,345	2,168	2,173	2,353	2,480	2,515	2,629	34.2	38.8	54.2
3 and 4 years old	466	526	973	1,017	1,139	1,252	1,204	1,268	18.1	23.5	39.1
5 years old	887	818	1,195	1,156	1,214	1,229	1,311	1,360	63.8	66.6	84.6
Married, spouse present	1,140	1,131	1,733	1,727	1,922	1,976	1,999	2,095	34.1	39.5	55.1
Other marital status	213	214	435	446	431	504	517	534	34.6	36.0	51.1
Employed	1,249	1,246	1,948	2,000	2,158	2,256	2,264	2,302	34.5	39.3	55.2
Full-time	817	770	1,236	1,309	1,416	1,445	1,444	1,361	33.9	38.6	53.1
Part-time	432	476	712	691	742	811	820	941	35.7	40.4	58.5
Mother not in labor force	2,448	2,694	2,704	2,286	2,196	2,266	2,254	2,340	30.2	37.0	49.3
WHITE											
With mother in labor force [4]	1,053	1,031	1,723	1,666	1,833	1,976	2,001	2,107	34.7	39.1	54.1
3 and 4 years old	340	374	740	750	872	967	937	995	17.4	22.1	38.5
5 years old	713	657	983	916	961	1,007	1,064	1,111	66.2	69.2	85.1
Married, spouse present	932	913	1,449	1,408	1,583	1,671	1,696	1,788	34.7	39.1	54.8
Other marital status	120	119	273	258	250	305	306	319	34.6	38.9	50.5
Employed	982	959	1,566	1,567	1,706	1,840	1,837	1,889	35.2	39.3	55.1
Full-time	613	557	941	959	1,068	1,127	1,114	1,048	33.8	38.2	52.0
Part-time	369	402	625	608	638	713	723	841	37.7	41.0	59.4
Mother not in labor force	2,166	2,354	2,331	1,945	1,867	1,914	1,926	1,958	30.5	37.4	49.3
BLACK											
With mother in labor force [4]	286	281	372	427	446	438	426	447	32.3	36.8	54.5
3 and 4 years old	122	138	191	231	235	244	218	233	20.7	27.3	42.1
5 years old	163	143	181	197	212	193	208	214	55.3	55.6	80.5
Married, spouse present	193	192	221	243	273	240	221	238	31.3	39.4	56.8
Other marital status	93	89	151	184	174	198	205	209	34.7	32.2	52.1
Employed	252	256	313	357	387	356	352	344	32.3	37.9	56.0
Full-time	194	195	244	269	307	269	279	261	34.4	39.0	57.4
Part-time	58	61	69	88	81	87	72	84	26.8	34.8	52.3
Mother not in labor force	236	298	330	286	277	285	245	292	26.9	33.9	48.1

X Not applicable. [1] Population controls based on the 1980 census; see text, p. 2. [2] Includes children with mothers whose labor force status is unknown and children with no mother present in household, not shown separately. [3] Includes other races not shown separately. [4] Includes children with mothers who are unemployed, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 318; and unpublished data.

No. 221. School Days Lost Associated With Acute Conditions: 1962 to 1981

[**Days lost per year per 100 children, ages 6-16.** Based on data collected during the periods July of the previous year to June of the year shown. Based on a sample of the civilian noninstitutionalized population; see Appendix III]

Condition	1962	1965	1970	1975	1980	1981				
						Total [1]	Male	Female	White	Black
All acute conditions	**521**	**456**	**452**	**451**	**487**	**468**	**419**	**518**	**471**	**425**
Infective and parasitic diseases	108	139	90	81	99	82	75	90	88	64
Respiratory conditions	342	238	264	261	282	268	246	290	273	206
Upper respiratory	174	147	147	121	118	117	105	130	114	138
Influenza and other	168	91	117	140	164	150	140	161	159	68
Digestive system conditions	14	13	24	21	22	25	19	30	23	36
Injuries	27	29	36	52	37	45	53	36	41	71
All other acute conditions	29	38	38	36	47	46	27	71	47	49

[1] Includes other races not shown separately.

Source: U.S. National Center for Health Statistics, series 10, and unpublished data.

NO. 222. YEARS OF SCHOOL COMPLETED, BY AGE AND RACE: 1940 TO 1982

[*Through* **1970**, as of **April 1**. 1940 based on complete count; 1950, on 20-percent sample; 1960, on 25-percent sample; and 1970, on a 20-percent sample. Beginning **1980**, as of **March**, based on Current Population Survey; see text, p. 2. Excludes Armed Forces, except members living off post or with families on post. Beginning **1980**, excludes inmates of *institutions*]

AGE AND YEAR	ALL PERSONS					BLACK PERSONS				
	Percent not high school graduates		Percent with 4 years of high school or more		Median school years completed [1]	Percent not high school graduates		Percent with 4 years of high school or more		Median school years completed [1]
	Total	With less than 5 yrs. of school	Total	College, 4 yrs. or more		Total	With less than 5 yrs. of school	Total	College, 4 yrs. or more	
25 years and over:										
1940	75.5	13.7	24.5	4.6	8.6	92.7	42.0	7.3	1.3	5.7
1950	65.7	11.1	34.3	6.2	9.3	87.1	32.9	12.9	2.1	6.8
1960	58.9	8.3	41.1	7.7	10.6	79.9	23.8	20.1	3.1	8.0
1970	47.7	5.5	52.3	10.7	12.1	68.6	14.6	31.4	4.4	9.8
1980 [2]	31.4	3.4	68.6	17.0	12.5	48.8	9.2	51.2	7.9	12.0
1981	30.3	3.3	69.7	17.1	12.5	47.1	7.9	52.9	8.2	12.1
1982	29.0	3.0	71.0	17.7	12.6	45.1	7.3	54.9	8.8	12.2
25-29 years:										
1940	61.9	5.9	38.1	5.9	10.3	88.4	27.7	11.6	1.6	7.0
1950	49.5	4.7	52.8	7.7	12.0	80.4	16.8	22.2	2.7	8.6
1960	39.3	2.8	60.7	11.1	12.3	62.3	7.0	37.7	4.8	9.9
1970	26.2	1.7	73.8	16.3	12.6	44.6	3.2	55.4	6.0	12.1
1980 [2]	14.6	.8	85.4	22.5	12.9	23.4	.6	76.6	11.5	12.6
1981	13.7	.7	86.3	21.3	12.8	22.7	.5	77.3	11.5	12.6
1982	13.8	.8	86.2	21.7	12.8	19.0	.7	81.0	12.6	12.7

[1] For definition of median, see Guide to Tabular Presentation. [2] Population controls based on the 1980 census; see text, p. 2.

Source: U.S. Bureau of the Census, *U.S. Census of Population, 1940, 1950, 1960, 1970*, vol. I, and *Current Population Reports*, series P-20, forthcoming reports.

NO. 223. YEARS OF SCHOOL COMPLETED, BY SEX, RACE, AND SPANISH ORIGIN: 1960 TO 1982

[**Persons 25 years old and over.** Persons of Spanish origin may be of any race. For definition of median, see Guide to Tabular Presentation. See headnote, table 222. See also *Historical Statistics, Colonial Times to 1970*, series H 602-617]

YEAR, RACE, SPANISH ORIGIN AND SEX	Population (1,000)	PERCENT OF POPULATION COMPLETING—							Median school years completed
		Elementary school			High school		College		
		0-4 years	5-7 years	8 years	1-3 years	4 years	1-3 years	4 years or more	
1960, all races	**99,438**	**8.3**	**13.8**	**17.5**	**19.2**	**24.6**	**8.8**	**7.7**	**10.6**
White	89,581	6.7	12.8	18.1	19.3	25.8	9.3	8.1	10.9
Male	43,259	7.4	13.7	18.7	18.9	22.2	9.1	10.3	10.7
Female	46,322	6.0	11.9	17.8	19.6	29.2	9.5	6.0	11.2
Black	9,054	23.8	24.2	12.9	19.0	12.9	4.1	3.1	8.0
Male	4,240	28.3	23.9	12.3	17.3	11.3	4.1	2.8	7.7
Female	4,814	19.8	24.5	13.4	20.5	14.3	4.1	3.3	8.6
1970, all races	**109,899**	**5.5**	**10.0**	**12.8**	**19.4**	**31.1**	**10.6**	**10.7**	**12.1**
White	98,246	4.5	9.1	13.0	18.8	32.2	11.1	11.3	12.1
Male	46,527	4.8	9.7	13.3	18.2	28.5	11.1	14.4	12.1
Female	51,718	4.1	8.6	12.8	19.4	35.5	11.1	8.4	12.1
Black	10,375	14.6	18.7	10.5	24.8	21.2	5.9	4.4	9.8
Male	4,714	17.7	19.1	10.2	22.9	20.0	6.0	4.2	9.4
Female	5,661	12.0	18.3	10.6	26.4	22.2	5.8	4.6	10.1
Spanish origin	3,938	18.9	17.1	10.2	17.7	22.0	7.9	6.0	9.6
Male	1,923	18.3	16.3	10.0	17.5	20.9	9.2	7.8	9.9
Female	2,014	19.6	17.9	10.4	18.0	23.1	6.7	4.3	9.3
1980, all races [1]	**130,409**	**3.4**	**6.0**	**8.2**	**13.9**	**36.8**	**14.9**	**17.0**	**12.5**
White	114,763	2.6	5.4	8.3	13.1	37.6	15.1	17.8	12.5
Male	54,389	2.7	5.5	8.3	12.5	33.1	15.8	22.1	12.6
Female	60,374	2.5	5.3	8.4	13.7	41.6	14.5	14.0	12.5
Black	12,927	9.2	11.1	7.2	21.3	30.8	12.5	7.9	12.0
Male	5,717	11.4	10.6	7.1	19.9	29.8	13.5	7.7	12.0
Female	7,209	7.4	11.5	7.4	22.4	31.5	11.7	8.1	12.0
Spanish origin	5,934	15.8	16.0	8.7	14.9	26.7	10.2	7.7	10.7
Male	2,825	16.5	15.4	8.5	14.8	24.0	11.8	9.2	10.9
Female	3,109	15.3	16.7	8.9	15.0	29.2	8.7	6.2	10.6
1982, all races	**135,526**	**3.0**	**5.6**	**7.1**	**13.3**	**37.9**	**15.3**	**17.7**	**12.6**
White	118,792	2.4	5.0	7.2	12.6	38.8	15.5	18.5	12.6
Male	56,253	2.6	5.1	7.1	11.9	34.5	15.8	23.0	12.7
Female	62,539	2.3	4.9	7.4	13.1	42.7	15.2	14.4	12.5
Black	13,599	7.3	10.6	6.8	20.4	32.5	13.6	8.8	12.2
Male	5,984	9.0	10.3	6.5	18.5	32.1	14.5	9.1	12.2
Female	7,615	6.0	10.9	7.0	21.9	32.8	12.9	8.5	12.1
Spanish origin	6,647	14.7	17.1	8.7	13.5	27.2	10.9	7.8	11.0
Male	3,091	14.1	16.3	8.6	12.6	25.9	12.6	9.6	11.5
Female	3,557	15.3	17.8	8.6	14.3	28.3	9.5	6.2	10.7

[1] *Population controls* based on the 1980 census; see text p. 2.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960 and 1970*, vol. I, and *Current Population Reports*, series P-20, forthcoming reports.

No. 224. Years of School Completed, by Region, Division and State: 1980

[In thousands, except percent. for persons 25 years old and over. As of April 1. Based on the 1980 Census of Population; see Appendix III]

Region, division, and state	Population, 25 yr. old and over	Years of school completed					Percent of population completing at least—				
		Elementary	High School		College		Elementary	High School		College	
		8 years or less	1–3 years	4 years	1–3 years	4 or more years	8 years or less	1–3 years	4 years	1–3 years	4 or more years
U.S	**132,836**	**24,258**	**20,278**	**45,947**	**20,795**	**21,558**	**100.0**	**81.7**	**66.5**	**31.9**	**16.2**
Northeast	**29,903**	**5,256**	**4,579**	**10,864**	**4,047**	**5,156**	**100.0**	**82.4**	**67.1**	**30.8**	**17.2**
New Eng	7,438	1,165	1,030	2,672	1,146	1,425	100.0	84.3	70.5	34.6	19.2
Maine	662	110	98	260	99	95	100.0	83.4	68.7	29.4	14.4
N.H	542	79	71	201	91	99	100.0	85.3	72.3	35.1	18.2
Vt	295	49	36	107	46	56	100.0	83.3	71.0	34.7	19.0
Mass	3,463	497	466	1,261	545	694	100.0	85.6	72.2	35.8	20.0
R.I	575	119	105	188	74	89	100.0	79.3	61.1	28.3	15.4
Conn	1,900	310	254	654	290	393	100.0	83.7	70.3	35.9	20.7
Mid. Atl	22,466	4,092	3,549	8,192	2,901	3,731	100.0	81.8	66.0	29.5	16.6
N.Y	10,721	1,962	1,654	3,652	1,530	1,924	100.0	81.7	66.3	32.2	17.9
N.J	4,504	798	670	1,615	594	826	100.0	82.3	67.4	31.5	18.3
Pa	7,240	1,332	1,225	2,925	777	981	100.0	81.6	64.7	24.3	13.6
North Central	**34,085**	**5,827**	**5,088**	**13,154**	**4,996**	**5,021**	**100.0**	**82.9**	**68.0**	**29.4**	**14.7**
E. No. Cent	24,066	3,999	3,874	9,292	3,416	3,484	100.0	83.4	67.3	28.7	14.5
Ohio	6,292	967	1,111	2,547	807	859	100.0	84.6	67.0	26.5	13.7
Ind	3,136	519	535	1,309	380	393	100.0	83.4	66.4	24.6	12.5
Ill	6,679	1,236	1,001	2,344	1,016	1,082	100.0	81.5	66.5	31.4	16.2
Mich	5,254	792	890	1,998	825	749	100.0	84.9	68.0	30.0	14.3
Wis	2,705	486	336	1,093	389	401	100.0	82.0	69.6	29.2	14.8
W. No. Cent	10,019	1,827	1,214	3,863	1,579	1,536	100.0	81.8	69.6	31.1	15.3
Minn	2,346	392	240	904	402	407	100.0	83.3	73.1	34.5	17.4
Iowa	1,700	284	200	729	250	237	100.0	83.3	71.5	28.6	13.9
Mo	2,919	634	430	1,059	389	406	100.0	78.3	63.5	27.2	13.9
N. Dak	365	90	32	114	74	54	100.0	75.2	66.4	35.1	14.8
S. Dak	390	86	39	141	69	55	100.0	78.0	67.9	31.7	14.0
Nebr	912	138	105	370	158	142	100.0	84.9	73.4	32.8	15.5
Kans	1,388	203	167	544	238	236	100.0	85.4	73.3	34.2	17.0
South	**43,691**	**9,854**	**7,524**	**13,481**	**6,295**	**6,537**	**100.0**	**77.4**	**60.2**	**29.4**	**15.0**
So. Atl	21,994	4,639	3,863	6,821	3,212	3,459	100.0	78.9	61.3	30.3	15.7
Del	345	51	57	125	52	60	100.0	85.2	68.6	32.4	17.5
Md	2,499	412	402	812	365	509	100.0	83.5	67.4	34.9	20.4
D.C	399	64	67	102	56	109	100.0	83.0	67.1	41.5	27.5
Va	3,133	678	499	890	468	598	100.0	78.4	62.4	34.0	19.1
W. Va	1,147	321	184	408	114	119	100.0	72.0	56.0	20.4	10.4
N.C	3,403	836	701	947	469	450	100.0	75.4	54.8	27.0	13.2
S.C	1,733	445	357	469	229	233	100.0	74.3	53.7	26.7	13.4
Ga	3,086	731	614	879	412	450	100.0	76.3	56.4	27.9	14.6
Fla	6,250	1,101	982	2,190	1,047	930	100.0	82.4	65.7	31.6	14.9
E. So. Cent	8,364	2,322	1,420	2,610	1,004	1,008	100.0	72.2	55.3	24.1	12.1
Ky	2,087	654	324	654	224	231	100.0	68.7	53.1	21.8	11.1
Tenn	2,692	745	435	853	320	339	100.0	72.3	56.2	24.5	12.6
Ala	2,217	554	411	704	278	270	100.0	75.0	56.5	24.7	12.2
Miss	1,368	369	250	399	182	168	100.0	73.0	54.8	25.6	12.3
W. So. Cent	13,333	2,893	2,241	4,050	2,079	2,070	100.0	78.3	61.5	31.1	15.5
Ark	1,337	359	237	443	153	145	100.0	73.2	55.5	22.3	10.8
La	2,281	569	397	706	293	317	100.0	75.1	57.7	26.7	13.9
Okla	1,770	325	277	615	285	267	100.0	81.6	66.0	31.2	15.1
Tex	7,944	1,641	1,329	2,286	1,348	1,341	100.0	79.3	62.6	33.8	16.9
West	**25,157**	**3,321**	**3,087**	**8,448**	**5,457**	**4,844**	**100.0**	**86.8**	**74.5**	**40.9**	**19.3**
Mt	6,335	784	787	2,260	1,312	1,191	100.0	87.6	75.2	39.5	18.8
Mont	451	64	51	171	86	79	100.0	85.7	74.4	36.5	17.5
Idaho	514	65	70	188	110	81	100.0	87.4	73.7	37.2	15.8
Wyo	255	25	31	102	53	44	100.0	90.0	77.9	37.9	17.2
Colo	1,664	176	180	575	351	382	100.0	89.4	78.6	44.1	23.0
N. Mex	707	125	95	241	121	124	100.0	82.3	68.9	34.7	17.6
Ariz	1,559	234	197	535	321	271	100.0	85.0	72.4	38.0	17.4
Utah	705	50	91	253	170	140	100.0	93.0	80.0	44.1	19.9
Nev	480	46	72	194	99	69	100.0	90.4	75.5	35.1	14.4
Pac	18,822	2,537	2,300	6,188	4,145	3,653	100.0	86.5	74.3	41.4	19.4
Wash	2,439	252	294	911	520	462	100.0	89.7	77.6	40.2	19.0
Oreg	1,580	181	204	587	326	282	100.0	88.5	75.6	38.5	17.9
Calif	14,044	1,996	1,729	4,416	3,151	2,753	100.0	85.8	73.5	42.0	19.6
Alaska	211	19	18	82	48	45	100.0	91.0	82.5	43.7	21.1
Hawaii	548	89	55	192	101	111	100.0	83.8	73.8	38.8	20.3

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1, chapter C (PC80-1-C).

NO. 225. YEARS OF SCHOOL COMPLETED, BY RACE, SEX, AND AGE: 1982

[**Persons 25 years old and over as of March 1982.** See headnote, table 222. For definition of median, see Guide to Tabular Presentation]

RACE, SEX, AND AGE	Population (1,000)	PERCENT OF POPULATION COMPLETING—							Median school years completed
		Elementary school			High school		College		
		0-4 years	5-7 years	8 years	1-3 years	4 years	1-3 years	4 years or more	
All races	**135,526**	**3.0**	**5.6**	**7.1**	**13.3**	**37.9**	**15.3**	**17.7**	**12.6**
Male	63,764	3.3	5.6	6.9	12.5	34.1	15.7	21.9	12.6
Female	71,762	2.8	5.5	7.3	14.0	41.4	14.9	14.0	12.5
25-29 years	20,192	.8	1.5	1.6	9.9	43.2	21.3	21.7	12.8
30-34 years	18,511	1.0	2.1	1.9	8.7	38.7	21.6	26.0	12.9
35-44 years	27,400	1.5	3.2	3.5	12.0	40.9	16.9	22.0	12.7
45-54 years	22,322	2.5	5.2	5.9	15.1	41.4	13.2	16.7	12.5
55 years and over	47,102	6.0	10.2	14.3	16.5	32.0	10.2	10.8	12.1
Black	**13,599**	**7.3**	**10.6**	**6.8**	**20.4**	**32.5**	**13.6**	**8.8**	**12.2**
25-29 years	2,412	.7	1.4	1.7	15.3	43.9	24.5	12.6	12.7
30-34 years	2,028	.4	2.8	3.1	16.5	43.1	21.7	12.5	12.6
35-44 years	2,863	2.3	6.0	4.7	23.5	40.7	13.0	10.0	12.3
45-54 years	2,264	4.9	11.7	8.3	27.8	28.9	10.1	8.2	11.7
55 years and over	4,030	19.6	22.8	12.2	19.3	16.7	5.4	4.0	8.6
Spanish origin [1]	**6,647**	**14.7**	**17.1**	**8.7**	**13.5**	**27.2**	**10.9**	**7.8**	**11.0**
25-29 years	1,384	6.6	11.1	6.4	14.9	36.8	14.5	9.7	12.3
30-34 years	1,225	7.3	14.8	7.0	15.4	31.9	13.9	9.6	12.2
35-44 years	1,582	10.6	19.5	8.0	14.2	27.8	11.7	8.2	11.5
45-54 years	1,094	17.4	18.1	10.3	13.5	23.3	10.1	7.2	9.8
55 years and over	1,364	32.3	21.6	12.2	9.5	15.6	4.6	4.2	7.5

[1] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, unpublished data.

NO. 226. PERCENT OF POPULATION WITH LESS THAN 5 YEARS OF SCHOOL AND WITH 4 YEARS OF HIGH SCHOOL OR MORE, BY AGE, RACE, AND SPANISH ORIGIN: 1970 TO 1982

[**Persons 25 years old and over.** As of **April 1970** and **March 1975, 1980,** and **1982**]

RACE	LESS THAN 5 YEARS OF SCHOOL							4 YEARS OF HIGH SCHOOL OR MORE						
	1970	1975	1980[1]	1982				1970	1975	1980[1]	1982			
				Total	25-34 yr.	35-64 yr.	65 yr. and over				Total	25-34 yr.	35-64 yr.	65 yr. and over
All races [2]	**5.5**	**4.2**	**3.4**	**3.0**	**.9**	**2.5**	**7.9**	**52.3**	**62.5**	**68.6**	**71.0**	**86.3**	**72.1**	**44.1**
White	4.5	3.3	2.6	2.4	.9	2.0	5.8	54.5	64.6	70.5	72.8	87.2	74.6	46.7
Black	14.6	12.3	9.2	7.3	.6	5.9	26.2	31.4	42.5	51.2	54.9	79.2	50.5	18.4
Spanish origin [3]	19.5	18.5	15.8	14.7	6.9	16.6	39.4	32.1	37.9	45.5	45.9	58.3	41.1	18.1
Mexican	28.5	24.6	20.9	18.9	9.5	21.4	56.7	24.2	31.0	38.9	40.8	52.7	35.5	7.7
Puerto Rican	20.5	17.4	15.0	13.1	2.3	18.0	43.7	23.4	28.7	38.3	42.2	59.5	32.1	15.0
Cuban	8.2	7.3	5.7	7.8	1.9	9.1	8.3	43.9	51.7	54.0	49.5	73.8	44.8	39.7
Other [4]	8.8	7.6	6.4	6.8	2.7	6.4	23.6	44.9	58.0	60.2	61.5	73.7	59.6	26.8

[1] Population controls based on the *1980 census; see text, p. 2.* [2] *Includes races not shown separately.* [3] *Persons of* Spanish origin may be of any race. [4] Central or South American and other Spanish origin.

Source: U.S. Bureau of the Census, *Census of Population: 1970,* vols. I and II, and forthcoming report.

NO. 227. ILLITERACY—AGE AND RACE: 1959 TO 1979

[**Persons 14 years old and over.** Relates to civilian noninstitutional population. 1959 excludes Alaska and Hawaii. Based on Current Population Survey; see text, p. 2. Persons reported unable to both read and write in any language classified as illiterate. Information on illiteracy was obtained in 1969 only for persons completing less than 6 years of school and in 1979 only for persons attending less than 6 years of school. See also *Historical Statistics, Colonial Times to 1970,* series H 669-688]

AGE	PERCENT ILLITERATE OF THE POPULATION								
	Total			White			Black		
	1959	1969	1979	1959	1969	1979	1959	1969	1979
Total, 14 years and over	**2.2**	**1.0**	**.5**	**1.6**	**.7**	**.4**	**7.5**	**3.6**	**1.6**
14-24 years	.6	.3	.2	.5	.2	.2	1.2	.5	.2
25-44 years	1.2	.5	.3	.8	.4	.2	5.1	1.3	.5
45-64 years	2.6	1.1	.7	1.8	.7	.5	11.3	5.5	2.6
65 years and over	6.5	3.5	1.4	5.1	2.3	.8	25.5	16.7	6.8

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, Nos. 99 and 217; and unpublished data.

No. 228. Public Elementary and Secondary Schools—Summary: 1960 to 1981

[Revenue and expenditure data for years ending **June 30.** See also *Historical Statistics, Colonial Times to 1970,* series H 420, H 487–507, and H 520–530]

ITEM	Unit	1960	1966	1970	1972	1974	1976	1978	1980	1981
ENROLLMENT (day schools only)										
Population 5–17 years[1]	**Million**	**43.9**	**50.0**	**52.5**	**52.3**	**51.5**	**50.6**	**49.0**	**47.4**	**46.2**
Percent of total population	Percent	24.5	25.8	25.8	25.0	24.1	23.3	22.1	20.9	20.2
Pupils enrolled	Million	36.1	42.8	[2] 45.6	[2] 46.1	[2] 45.4	[2] 44.8	[2] 43.6	[2] 41.6	[2] 41.0
Nursey and K–8 grades	Million	27.6	31.2	32.6	32.3	31.4	30.5	29.3	27.9	27.7
Grades 9–12 and postgraduates	Million	8.5	11.7	13.0	13.8	14.1	14.3	14.2	13.7	13.3
Percent of total population	Percent	20.1	22.1	22.4	22.3	21.6	21.0	20.2	18.4	17.9
Percent of population 5–17 years	Percent	82.2	85.7	86.9	88.1	88.2	88.9	89.0	87.8	88.7
High school graduates	1,000	1,627	2,327	2,589	2,699	2,763	2,837	2,825	2,757	2,725
Average daily attendance	Million	32.5	39.2	41.9	42.3	41.4	41.3	40.2	38.3	37.7
Percent of pupils enrolled	Percent	90.0	91.4	91.9	91.7	91.2	92.2	92.0	91.9	90.2
Average length of term in days	Number	178.0	178.9	178.9	179.3	178.7	178.3	(NA)	178.5	178.2
Average number of days attended per enrolled pupil	Number	160.2	163.5	161.7	161.7	159.5	161.1	(NA)	160.8	160.7
INSTRUCTIONAL STAFF (day schools only)										
Total[3]	**1,000**	**1,464**	**1,885**	**2,253**	**2,322**	**2,425**	**2,476**	**2,351**	**2,438**	**2,553**
Classroom teachers	1,000	1,355	1,711	2,023	2,070	2,155	2,196	2,208	2,181	2,184
Student-teacher ratio	Ratio	26.6	25.0	22.5	22.3	21.1	20.4	19.7	19.1	18.8
Principals	1,000	64	77	91	97	100	104	(NA)	106	107
REVENUES										
Total	**Mil. dol**	**14,747**	**25,357**	**40,267**	**50,004**	**58,231**	**71,206**	**81,443**	**96,881**	**105,905**
Federal	Mil. dol	652	1,997	3,220	4,468	4,930	6,318	7,694	9,504	9,888
State	Mil. dol	5,768	9,920	16,063	19,133	24,113	31,776	35,013	45,349	50,207
Local (incl. intermediate)	Mil. dol	8,327	13,440	20,985	26,402	29,187	33,112	38,736	42,029	45,810
Percent of total:										
Federal	Percent	4.4	7.9	8.0	8.9	8.5	8.9	9.4	9.8	9.3
State	Percent	39.1	39.1	39.9	38.3	41.4	44.6	43.0	46.8	47.4
Local (incl. intermediate)	Percent	56.5	53.0	52.1	52.8	50.1	46.5	47.6	43.4	43.3
EXPENDITURES										
Total	**Mil. dol**	**15,613**	**26,248**	**40,683**	**48,050**	**55,970**	**70,601**	**80,844**	**95,962**	**102,484**
Current expenditure for day schools	Mil. dol	12,329	21,053	34,218	41,818	50,025	62,054	73,058	86,984	93,219
Other current expenditure[4]	Mil. dol	133	646	636	[5] 395	[5] 453	[5] 554	[5] 589	[5] 598	[5] 662
Capital outlay	Mil. dol	[7] 2,662	3,755	4,659	4,459	4,979	6,146	5,245	6,506	6,739
Interest	Mil. dol	490	792	1,171	1,378	1,514	1,846	1,952	1,874	1,865
Percent of total:										
Current expenditure for day schools	Percent	79.0	80.2	84.1	87.0	87.8	87.9	90.4	90.6	91.0
Other current expenditures[4]	Percent	.9	2.5	1.5	.8	.8	.7	.7	.6	.6
Capital outlay	Percent	17.0	14.3	11.5	9.3	8.7	8.7	6.5	6.8	6.6
Interest	Percent	3.1	3.0	2.9	2.9	2.7	2.6	2.4	2.0	1.8
In current dollars:										
Total expenditure:										
Per capita of total population	Dollars	87	136	200	233	271	328	374	424	447
Per pupil in average daily attendance in day schools[8]	Dollars	472	654	955	1,128	1,364	1,697	2,011	2,491	2,701
Current expenditure per pupil in average daily attendance in day schools[9]	Dollars	375	537	816	990	1,207	1,504	1,823	2,272	2,473
Current expenditure per pupil per day in average daily attendance in day schools[9]	Dollars	2.11	3.00	4.56	5.52	6.76	8.43	(NA)	12.73	13.88
Salaries of total instructional staff	Mil. dol	7,671	13,068	20,879	24,292	28,110	30,009	(NA)	(NA)	(NA)
Average annual salary per member	Dollars	5,174	6,935	8,840	10,100	11,185	[10] 12,448	[10] 14,244	[10] 16,773	[10] 18,395
In 1980 dollars:										
Total expenditure	Mil. dol	41,251	63,812	83,620	90,651	94,821	98,806	100,206	95,962	91,861
Per capita of total population	Dollars	230	328	411	440	451	459	464	424	401
Per pupil in average daily attendance in day schools[8]	Dollars	1,247	1,590	1,963	2,128	2,270	2,375	2,493	2,491	2,421
Current expenditure per pupil in average daily attendance in day schools[9]	Dollars	991	1,306	1,677	1,868	2,009	2,105	2,260	2,272	2,217
Current expenditure per pupil per day in average daily attendance in day schools[9]	Dollars	5.57	7.30	9.37	10.42	11.24	11.81	(NA)	12.73	12.44
Average annual salary per member of total instructional staff	Dollars	13,670	16,860	18,170	19,055	18,616	[10] 17,421	[10] 17,655	[10] 16,773	[10] 16,488

NA Not available. [1] For 1960 and 1970, enumerated population as of April 1; for all other years, estimated population as of July 1 of preceding year. Excludes Armed Forces abroad. [2] As of fall of preceding year. [3] Includes supervisors, librarians and other nonsupervisory instructional staff, not shown separately. [4] Comprises summer schools, community colleges, adult education, and community services. [5] Excludes adult education and community colleges. [6] Includes adult education, summer school, Head Start, and other education programs. [7] Excludes capital outlay by State and local schoolhousing authorities. [8] Based on current expenditures allocable to pupil costs, capital outlay, and interest. [9] Excludes current expenditures not allocable to pupil costs. [10] Estimated.

Source: U.S. National Center for Education Statistics, *Statistics of State School Systems,* biennial; and *Statistics of Public Elementary and Secondary School Systems,* annual.

No. 229. Public Elementary and Secondary Schools—Enrollment, by Grade: 1960 to 1981

[For school year through 1965; thereafter, as of fall of year. Beginning 1975, kindergarten includes nursery schools. For 1970-1981, totals include ungraded, postgraduates, and special classes which are not prorated among grades. For 1960 and 1965, enrollment figures are prorated and 12th grade includes postgraduates. See also *Historical Statistics, Colonial Times to 1970*, series H 420-424]

GRADE	ENROLLMENT (1,000)									PERCENT DISTRIBUTION		
	1960	1965	1970	1975	1977	1978	1979	1980	1981	1960	1970	1981
Pupils enrolled	36,087	42,280	45,909	44,791	43,577	42,550	41,645	40,987	40,148	100.0	100.0	100.0
Kindergarten and grades 1-8	27,602	30,652	32,577	30,487	29,336	28,425	27,922	27,674	27,269	76.5	71.0	67.9
Kindergarten	1,923	2,250	2,559	2,945	2,742	2,652	2,675	2,689	2,700	5.3	5.6	6.7
First	3,733	4,014	3,814	3,236	3,295	3,062	2,936	2,894	2,951	10.3	8.3	7.4
Second	3,436	3,800	3,654	3,027	3,199	3,148	2,896	2,800	2,786	9.5	8.0	6.9
Third	3,302	3,662	3,662	3,038	3,060	3,158	3,096	2,908	2,812	9.2	8.0	7.0
Fourth	3,146	3,523	3,676	3,112	2,979	3,046	3,130	3,115	2,926	8.7	8.0	7.3
Fifth	3,118	3,465	3,634	3,281	3,019	2,980	3,055	3,130	3,131	8.6	7.9	7.8
Sixth	3,070	3,362	3,599	3,476	3,111	3,036	2,999	3,038	3,180	8.5	7.8	7.9
Seventh	3,173	3,363	3,662	3,619	3,384	3,228	3,128	3,087	3,184	8.8	8.0	7.9
Eighth	2,701	3,212	3,601	3,636	3,533	3,355	3,168	3,091	3,062	7.5	7.8	7.6
Grades 9-12	8,485	11,628	13,332	14,304	14,240	14,125	13,723	13,313	12,879	23.5	29.0	32.1
Ninth	2,412	3,198	3,652	3,879	3,779	3,726	3,516	3,380	3,290	6.7	8.0	8.2
Tenth	2,258	3,085	3,457	3,723	3,686	3,610	3,527	3,375	3,223	6.3	7.5	8.0
Eleventh	2,063	2,778	3,127	3,354	3,388	3,312	3,241	3,195	3,041	5.7	6.8	7.6
Twelfth	1,752	2,567	2,774	2,986	3,026	3,023	2,969	2,925	2,908	4.8	6.0	7.2

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 230. Public Elementary and Secondary School Enrollment and Rate by State: 1975 to 1982

[Enrollment as of fall. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION AND STATE	ENROLLMENT (1,000)			ENROLLMENT RATE [2]			REGION, DIVISION AND STATE	ENROLLMENT (1,000)			ENROLLMENT RATE [2]		
	1975	1980	1982 [1]	1975	1980	1982 [1]		1975	1980	1982 [1]	1975	1980	1982 [1]
U.S	44,791	40,984	39,540	88.9	86.5	87.1	**So. Atl**	7,102	6,671	6,461	90.8	87.4	88.1
Regions:							Del	127	99	92	90.4	79.5	79.3
Northeast	9,667	8,213	7,671	85.1	82.3	82.3	Md	881	751	698	87.3	83.9	84.8
No. Central	12,277	10,763	10,185	88.5	85.9	86.6	D.C	130	100	91	87.8	91.8	91.9
South	14,654	14,134	13,914	90.6	87.8	88.8	Va	1,104	1,010	972	93.7	90.7	91.9
West	8,192	7,873	7,770	92.0	90.1	90.0	W. Va	404	384	374	98.6	92.6	93.7
							N.C	1,185	1,129	1,095	92.8	90.0	91.3
N. Eng	2,557	2,186	2,057	89.6	86.6	87.6	S.C	630	619	606	89.8	88.1	89.8
Maine	251	222	210	98.0	91.5	92.1	Ga	1,090	1,069	1,048	90.1	86.9	88.1
N.H	175	167	161	88.6	85.3	85.6	Fla	1,551	1,510	1,485	88.8	84.4	83.6
Vt	105	96	91	90.4	87.9	89.2							
Mass	1,198	1,022	974	89.2	88.6	91.5	**E. So. Cent**	2,840	2,760	2,688	86.9	85.2	86.9
R.I	176	148	138	82.8	79.7	79.3	Ky	692	670	650	85.5	83.7	85.8
Conn	652	531	483	89.5	83.3	81.7	Tenn	877	854	830	90.5	87.8	89.3
							Ala	759	759	741	86.2	87.6	89.5
Mid. Atl	7,110	6,026	5,614	83.6	80.8	80.4	Miss	512	477	467	84.1	79.6	81.1
N.Y	[1] 3,406	2,871	2,667	83.1	80.8	79.9							
N.J	[1] 1,458	1,246	1,161	84.7	81.5	81.4	**W. So. Cent**	4,712	4,703	4,765	92.6	90.0	90.8
Pa	2,246	1,909	1,786	83.8	80.4	80.6	Ark	457	448	432	92.1	90.3	91.5
							La	847	778	775	84.7	80.3	81.5
E. No. Cent	8,774	7,689	7,262	88.2	85.6	86.6	Okla	595	578	583	97.2	92.9	93.6
Ohio	2,293	1,957	1,856	89.0	84.8	85.8	Tex	2,813	2,900	2,975	94.5	92.4	93.0
Ind	1,174	1,056	1,002	90.9	88.0	89.1							
Ill	2,270	1,983	1,892	85.5	82.6	83.8	**Mt**	2,244	2,280	2,293	93.7	92.6	92.8
Mich	2,073	1,863	1,730	90.9	90.1	91.4	Mont	172	155	151	91.9	92.9	93.2
Wis	964	830	782	84.1	82.1	82.1	Idaho	197	203	206	96.4	95.4	96.3
							Wyo	88	98	101	96.9	97.3	96.2
W. No. Cent	3,503	3,074	2,923	87.9	86.5	86.8	Colo	569	546	542	93.6	92.2	93.1
Minn	880	754	714	89.3	87.2	88.0	N. Mex	275	271	266	89.5	89.5	89.9
Iowa	612	534	503	88.3	88.4	88.2	Ariz	[1] 493	514	508	91.5	88.9	88.8
Mo	965	845	797	87.8	83.8	83.9	Utah	310	344	366	98.6	98.2	97.6
N. Dak	131	117	116	82.1	85.9	86.6	Nev	140	149	153	97.1	93.4	93.3
S. Dak	151	129	122	90.5	87.4	87.8							
Nebr	316	280	267	86.5	86.6	85.9	**Pac**	5,948	5,593	5,477	91.4	88.4	88.8
Kans	448	415	404	86.3	88.7	89.4	Wash	785	758	747	93.6	91.0	92.5
							Oreg	478	465	454	91.8	88.5	90.3
							Calif	4,420	4,118	4,023	91.4	88.0	88.1
							Alaska	89	87	92	84.2	94.0	96.8
							Hawaii	176	165	161	84.8	83.4	83.0

[1] Estimated. [2] Percent of persons, 5-17 years. Based on estimated resident population as of July 1, 1975 and 1982, and enumerated resident population as of April 1, 1980.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual; and *Statistics of Public Elementary and Secondary School Systems*, annual.

No. 231. Public Elementary and Secondary Schools, by Enrollment Size and Type of School: 1970 and 1978

[As of fall]

TYPE OF SHCOOL	Number	ENROLLMENT SIZE—PERCENT OF TOTAL							
		49 students or less	50–99 students	100–249 students	250–499 students	500–749 students	750–999 students	1,000 to 1,999 students	2,000 or more students
All schools,[1] 1970	89,372	6.4	6.0	19.0	29.0	20.8	9.2	8.2	1.4
Elementary [2]	47,434	4.5	5.2	19.9	35.7	24.3	7.5	2.8	(z)
Middle/Junior high [3]	9,771	1.3	2.8	10.9	19.4	23.0	19.8	21.8	1.0
Senior high [4]	15,144	2.4	6.9	18.7	20.4	13.9	9.8	20.3	7.4
Unclassified [5]	2,223	1.3	17.0	23.3	14.3	5.7	2.0	1.9	.4
All schools,[1] 1978	87,365	5.7	5.2	19.8	34.4	19.5	7.7	7.4	1.4
Elementary [2]	44,880	2.9	4.7	21.6	43.9	20.6	4.9	1.5	(z)
Middle/Junior high [3]	10,581	.9	1.9	10.0	24.7	28.4	19.9	13.9	.3
Senior high [4]	16,003	5.0	5.6	15.6	18.1	13.9	10.3	24.1	7.3
Unclassified [5]	5,286	18.5	8.4	15.0	36.0	16.6	3.8	1.5	.1

Z Less than 0.5 percent. [1] Includes other schools not shown separately. [2] Grade span: Prekindergarten through 6. [3] Grade span: 5 through 9. [4] Grade span: 7 through 12. [5] Includes schools for special education and the handicapped.

Source: U.S. National Center for Educational Statistics, *The Condition of Education*, 1982.

No. 232. Minority Enrollment in Public Elementary and Secondary Schools, by Minority-Group School Enrollment, 1976 to 1980, and by States, 1980

[As of **fall.** "Minority group" refers to Blacks, American Indians, Alaskan Natives, Asian or Pacific Islanders, and Hispanics. Data are based on a survey of public school districts with a substantial minority-group enrollment. Extent of undercoverage (school districts not included) will vary by State. For composition or regions, see fig. I inside front cover]

REGION, DIVISION, AND STATE	Total minority enrollment [1] (1,000)	MINORITY-GROUP SCHOOL ENROLLMENT					DIVISION AND STATE	Total minority enrollment [1] (1,000)	MINORITY-GROUP SCHOOL ENROLLMENT				
		Under 50 percent		50–100 percent	99–100 percent				Under 50 percent		50–100 percent	99–100 percent	
		Total (1,000)	Percent		Number (1,000)	Percent			Total (1,000)	Percent		Number (1,000)	Percent
Total, 1976	**10,747.0**	**4,267.0**	**39.9**	**3,379.8**	**1,829.2**	**17.0**	**So. Atl**	**1,911.9**	**887.7**	**46.4**	**412.9**	**228.7**	**12.0**
Total, 1978	**10,336.5**	**4,088.4**	**39.6**	**3,115.6**	**1,663.9**	**16.1**	Del	27.1	25.6	94.5	.2	.2	.8
Total, 1980	**9,129.6**	**3,200.7**	**35.4**	**2,976.2**	**1,617.3**	**17.7**	Md	250.7	90.0	36.0	70.5	48.8	19.5
Regions:							D.C	101.1	.7	.7	94.7	84.1	83.1
Northeast	1,540.4	371.3	24.1	756.5	417.7	27.1	Va	225.4	103.9	46.3	12.6	3.0	1.3
No. Central	1,508.8	507.4	33.6	610.4	420.7	27.9	W. Va	14.5	13.9	95.7	-	-	-
South	4,023.9	1,585.8	39.4	1,138.3	572.9	14.2	N.C	293.9	185.7	63.1	19.2	4.6	1.6
West	2,055.3	735.5	35.8	470.5	205.9	10.0	S.C	212.0	95.3	45.0	36.1	15.5	7.3
							Ga	304.2	110.4	36.4	90.0	52.8	17.4
N. Eng	**181.7**	**78.1**	**43.0**	**27.3**	**9.5**	**5.2**	Fla	483.0	262.2	54.3	89.6	19.7	4.1
Maine	1.1	1.1	100.0	-	-	-							
N.H	1.5	1.5	100.0	-	-	-	**E. So. Cent**	**620.6**	**236.4**	**38.1**	**194.0**	**116.4**	**18.8**
Vt	.3	.3	100.0	-	-	-	Ky	50.9	46.1	90.4	-	-	-
Mass	87.5	37.7	43.1	2.3	-	-	Tenn	171.5	55.8	32.5	58.3	29.3	17.1
R.I	10.4	7.5	72.1	-	-	-	Ala	228.3	90.4	39.6	79.6	55.4	24.3
Conn	80.9	30.0	37.1	25.0	9.5	11.7	Miss	169.9	44.1	26.0	56.1	31.7	18.7
Mid Atl	**1,358.7**	**293.2**	**21.6**	**729.2**	**408.2**	**30.0**	**W. So. Cent**	**1,491.4**	**461.7**	**31.0**	**531.4**	**227.8**	**15.3**
N.Y	816.9	158.9	19.4	463.3	250.7	30.7	Ark	64.9	28.0	43.1	1.8	-	-
N.J	287.4	63.6	22.2	141.9	64.8	22.5	La	313.2	114.0	36.4	112.5	78.1	24.9
Pa	254.4	70.7	27.8	124.0	92.7	36.5	Okla	75.5	53.4	70.8	3.9	-	-
							Tex	1,037.8	266.3	25.6	413.2	149.7	14.4
E. No. Cent	**1,271.1**	**363.5**	**28.6**	**553.4**	**380.4**	**29.9**							
Ohio	251.5	99.8	39.6	36.8	11.5	4.6	**Mt**	**394.2**	**196.3**	**49.8**	**48.8**	**6.2**	**1.6**
Ind	115.0	46.3	40.2	37.8	22.0	19.1	Mont	9.9	5.9	59.9	2.9	.3	3.0
Ill	511.3	112.6	22.1	309.5	247.6	48.4	Idaho	7.4	7.2	97.5	-	-	-
Mich	324.9	69.5	21.4	158.3	93.6	28.8	Wyo	4.6	4.0	86.1	-	-	-
Wis	68.4	35.3	51.7	11.0	5.7	8.4	Colo	103.0	58.7	57.0	1.5	.2	.2
							N. Mex	115.5	28.5	24.6	25.2	4.9	4.2
W. No. Cent	**237.7**	**143.9**	**60.5**	**57.0**	**40.3**	**17.0**	Ariz	102.6	45.0	43.9	17.5	.6	.6
Minn	37.2	35.0	93.9	.9	.6	1.7	Utah	23.9	22.5	93.9	.9	.2	.7
Iowa	18.1	17.7	97.9	-	-	-	Nev	27.3	24.5	89.4	.8	-	-
Mo	112.8	40.1	35.5	50.0	36.6	32.5							
N. Dak	2.5	2.3	91.9	-	-	-	**Pac**	**1,661.1**	**539.2**	**32.5**	**421.7**	**199.7**	**12.0**
S. Dak	7.4	3.0	41.2	2.3	1.7	23.3	Wash	69.7	55.4	79.3	.5	-	-
Nebr	19.6	15.9	81.3	.8	.3	1.7	Oreg	27.8	24.2	87.4	.6	.6	2.1
Kans	40.1	29.9	74.4	3.0	1.1	2.7	Calif	1,427.3	441.7	30.9	391.8	197.7	13.9
							Alaska	14.4	10.8	74.8	2.3	1.0	6.9
							Hawaii	121.9	7.1	5.9	26.5	.4	.3

- Represents zero. [1] Includes categories not shown separately.

Source: U.S. Office for Civil Rights, *State and National Summaries of Data Collected by The Elementary and Secondary Schools Civil Rights Survey, 1976, 1978,* and *1980.*

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NO. 233. ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT AND TEACHERS, BY TYPE OF CONTROL, 1960 TO 1981, AND PROJECTIONS, 1985 AND 1990

[**In thousands, except percent and ratio.** As of fall of year. Schools are classified by type of organization, rather than by grade group; elementary includes kindergarten; secondary includes junior high schools. Minus sign (–) indicates decrease]

ITEM	1960	1965	1970	1975	1978	1979	1980	1981	1985, proj.	1990, proj.
PUPILS ENROLLED										
Total	**42,181**	**48,473**	**51,272**	**49,791**	**47,635**	**46,645**	**45,949**	**45,098**	**44,166**	**46,667**
Annual percent change [1]	3.6	2.8	1.1	–.3	–1.5	–2.1	–1.5	–1.9	–.5	1.1
Elementary	29,150	31,570	31,553	29,340	28,749	28,540	27,905	27,769	27,338	31,022
Secondary	13,031	16,904	19,719	20,451	18,887	18,105	18,044	17,329	16,828	15,645
Public	36,281	42,173	45,909	44,791	42,550	41,645	40,987	40,148	39,166	41,267
Elementary	24,350	26,670	27,501	25,840	25,017	24,890	24,282	24,149	23,738	27,022
Secondary	11,931	15,504	18,408	19,151	17,534	16,755	16,705	15,999	15,428	14,245
Private [2]	5,900	6,300	5,363	[3] 5,000	[3] 5,084	[3] 5,000	4,962	[3] 4,950	5,000	5,400
Elementary	4,800	4,900	4,052	[3] 3,700	[3] 3,731	[3] 3,650	[3] 3,623	[3] 3,620	3,600	4,000
Secondary	1,100	1,400	1,311	[3] 1,300	[3] 1,353	[3] 1,350	[3] 1,339	[3] 1,330	1,400	1,400
CLASSROOM TEACHERS										
Total	**1,600**	**1,933**	**2,288**	**2,451**	**2,480**	**2,458**	**2,422**	**2,402**	**2,408**	**2,642**
Annual percent change [1]	4.5	3.9	3.4	1.4	.4	–.9	–1.5	–2.4	.1	1.9
Elementary	991	1,112	1,281	1,352	1,379	1,353	1,353	1,358	1,385	1,654
Secondary	609	822	1,007	1,099	1,100	1,080	1,069	1,044	1,023	988
Public	1,408	1,710	2,055	2,196	[3] 2,207	[3] 2,183	2,145	[3] 2,125	2,128	2,333
Elementary	858	965	1,128	1,180	[3] 1,194	[3] 1,192	1,165	[3] 1,170	1,199	1,440
Secondary	550	746	927	1,016	[3] 1,013	[3] 991	980	[3] 955	929	893
Private	192	223	233	[3] 255	273	[3] 275	[3] 277	277	260	309
Elementary	133	147	153	[3] 172	[3] 185	[3] 186	[3] 188	[3] 188	186	214
Secondary	59	76	80	[3] 83	[3] 87	[3] 89	[3] 89	[3] 89	94	95
PUPIL-TEACHER RATIO										
Public: Elementary	28.4	27.6	24.4	21.7	20.9	20.9	20.8	20.6	19.8	18.8
Secondary	21.7	20.8	19.9	18.8	17.3	16.9	17.0	16.8	16.6	16.0
Private: Elementary	36.1	33.3	26.5	21.5	20.2	19.6	19.3	19.2	19.4	18.7
Secondary	18.6	18.4	16.4	15.7	15.6	15.2	15.0	14.9	14.9	14.7

[1] Average from prior year shown; for 1960, from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Data for 1970 and later years have been revised since originally published. [3] Estimated.

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics,* biennial; *Digest of Education Statistics,* annual and unpublished data.

NO. 234. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—CLASSROOM TEACHERS BY DEGREES HELD, 1973 TO 1983, AND BY EXPERIENCE, 1978 AND 1983

[**As of spring.** Based on sample and subject to sampling variability]

DEGREE AND EXPERIENCE	1973		1978			1983				
	Elementary	Secondary	Elementary	Junior High [1]	Senior High	Elementary	Junior High [1]	Senior High	Men	Women
Percent, highest degree held:										
Less than bachelor's	2.2	.7	.5	–	.2	(NA)	(NA)	(NA)	(NA)	(NA)
Bachelor's	72.4	59.1	66.6	49.5	46.6	51.4	47.2	42.9	38.4	52.1
Masters	23.3	37.0	36.5	46.2	48.0	44.7	47.6	49.2	54.1	43.0
Professional degree, 6 years	2.2	3.1	2.4	3.8	4.1	3.7	4.9	7.4	6.6	4.7
Doctorate	–	.1	–	.5	1.1	.1	.3	.4	.8	.2
Percent with teaching experience of—										
1–2 years	(NA)		7.7	8.6	5.5	3.8	2.9	2.9	1.4	4.1
3–4 years			11.3	11.0	11.2	6.7	4.6	3.6	3.9	5.7
5–9 years			28.8	31.1	24.7	23.4	24.1	19.1	18.4	24.4
10–14 years			20.2	17.7	24.3	21.6	30.3	28.0	26.7	25.3
15–19 years			12.6	15.3	15.3	18.2	14.0	19.1	19.2	16.5
20 years or more			19.4	16.3	18.8	26.3	24.1	27.4	30.3	24.0
Median [2] (years)			10	9	11	13	13	14	14	13

– Represents or rounds to zero. NA Not available. [1] Includes middle schools. [2] For definition of median, see Guide to Tabular Presentation.

Source: National Education Association, Washington, D.C., *Nationwide Teacher Opinion Poll,* 1973, 1978 and 1983. (Copyright 1973, 1978 and 1983 by the National Education Association. All rights reserved.)

NO. 235. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—NUMBER AND AVERAGE SALARY OF CLASSROOM TEACHERS, 1960 TO 1983, AND BY STATES, 1983

[Estimates for school year ending in June. Schools classified by type of organization rather than by grade-group; elementary includes kindergarten]

YEAR AND STATE	TEACHERS [1] (1,000)			AVG. SALARY ($1,000)			STATE	TEACHERS [1] (1,000)			AVG. SALARY ($1,000)		
	Total	Elementary	Secondary	All teachers	Elementary	Secondary		Total	Elementary	Secondary	All teachers	Elementary	Secondary
1960	1,355	834	521	5.0	4.8	5.3	Maine	12.3	7.8	4.5	15.3	16.6	15.8
1965	1,648	940	708	6.2	6.0	6.5	Md	37.7	18.1	19.7	22.8	21.8	23.1
1970	2,008	1,109	899	8.6	8.4	8.9	Mass	52.0	22.0	30.0	19.0	18.8	19.2
1974	2,138	1,152	986	10.8	10.5	11.1	Mich	77.2	40.1	37.1	24.0	23.7	24.2
1975	2,171	1,169	1,001	11.7	11.3	12.0	Minn	40.6	19.4	21.2	22.3	21.5	23.1
1976	2,191	1,170	1,021	12.6	12.3	12.9	Miss	24.8	13.7	11.2	14.3	14.0	14.6
1977	2,186	1,176	1,011	13.4	13.0	13.8	Mo	48.3	24.0	24.3	17.7	17.3	18.2
1978	2,197	1,176	1,020	14.2	13.9	14.6	Mont	8.9	5.0	3.9	19.5	18.8	20.3
1979	2,206	1,193	1,013	15.0	14.7	15.4	Nebr	16.2	8.1	8.1	17.4	16.7	18.2
1980	2,209	1,206	1,003	16.0	15.6	16.4	Nev	7.4	3.9	3.5	20.9	20.6	21.3
1981	2,203	1,203	1,000	17.6	17.2	18.1	N.H	10.1	5.3	4.8	15.4	15.3	15.5
1982	2,158	1,189	969	19.1	18.7	19.7	N.J	73.3	41.8	31.5	21.6	21.2	22.2
1983, U.S	**2,139**	**1,177**	**962**	**20.5**	**20.0**	**21.1**	N. Mex	14.3	6.9	7.3	20.6	20.3	21.0
							N.Y	163.1	73.8	89.3	25.1	24.3	25.7
Ala	39.4	20.0	19.4	17.9	17.4	18.0	N.C	56.5	34.2	22.3	17.8	17.8	17.8
Alaska	5.6	3.1	2.5	34.0	33.8	34.2	N. Dak	7.5	4.7	2.8	18.4	17.7	19.1
Ariz	28.9	19.9	8.9	18.8	18.6	19.3	Ohio	95.0	53.4	41.6	20.4	19.9	21.0
Ark	23.5	11.5	12.0	15.2	14.8	15.5	Okla	33.9	17.9	16.0	18.1	17.7	18.6
Calif	170.4	104.6	65.8	23.6	23.2	24.5	Oreg	24.5	15.0	9.5	22.3	21.9	23.1
Colo. [2]	29.0	15.0	14.0	21.5	21.1	22.3							
							Pa	102.7	47.2	55.5	21.0	20.5	21.3
Conn. [2]	31.6	18.9	12.8	20.8	20.5	21.4	R.I	8.8	4.7	4.1	23.2	24.1	22.2
Del	5.3	2.5	2.9	20.7	20.1	21.2	S.C	32.1	20.1	12.0	16.4	15.9	17.0
D.C	4.9	2.9	2.0	26.0	26.1	26.0	S. Dak	8.0	5.3	2.7	15.6	15.4	16.0
Fla	82.0	46.5	35.5	18.5	18.7	18.1	Tenn	39.2	24.5	14.8	17.4	17.4	17.5
Ga	57.0	34.7	22.3	17.4	17.1	17.8	Tex	166.8	92.8	74.0	19.5	19.0	20.1
Hawaii	8.1	5.0	3.1	24.8	25.3	24.0							
							Utah	14.9	9.1	5.8	19.7	19.1	20.6
Idaho	10.1	5.4	4.8	17.5	16.9	18.3	Vt	6.6	3.0	3.6	15.3	14.9	15.8
Ill	104.2	67.8	36.4	22.6	21.7	24.2	Va	56.9	33.7	23.2	18.7	18.0	19.7
Ind	50.7	25.5	25.2	20.1	19.7	20.5	Wash	34.5	18.4	16.1	23.4	23.0	23.9
Iowa	31.0	14.6	16.4	18.7	18.0	19.4	W. Va	22.0	12.7	9.3	17.4	17.3	17.5
Kans	26.3	14.5	11.8	18.3	18.2	18.4	Wis	52.2	28.8	23.4	20.9	20.5	21.5
Ky	32.2	21.0	11.2	18.4	17.9	19.2	Wyo	7.3	4.0	3.3	24.0	22.7	24.3
La	42.5	23.8	18.7	19.3	18.8	19.7							

[1] Full-time equivalent. [2] Revised since originally published.

Source: National Education Association, Washington, D.C., *Estimates of School Statistics, 1982-83.* (Copyright © 1983 by the National Education Association. All rights reserved.)

NO. 236. PUBLIC SCHOOL EMPLOYMENT, BY OCCUPATION, SEX, AND RACE: 1974 AND 1979

[**In thousands.** Covers full-time employment. Excludes Hawaii and District of Columbia and, in 1979 New Jersey, Los Angeles, and New York. Based on sample survey of school districts with 250 or more students; see source for sampling variability]

OCCUPATION	1974					1979				
	Total	Male	Female	White [1]	Black [1]	Total	Male	Female	White [1]	Black [1]
All occupations	**3,452**	**1,231**	**2,221**	**2,906**	**433**	**3,479**	**1,168**	**2,311**	**2,888**	**443**
Officials, administrators	39	33	6	36	2	45	36	9	41	3
Principals and assistant principals	107	91	16	95	11	103	85	18	90	11
Classroom teachers [2]	1,995	679	1,316	1,754	199	1,931	638	1,293	1,683	193
Elementary schools	987	165	822	854	111	914	150	764	785	100
Secondary schools	865	481	405	796	72	848	447	401	755	72
Other professional staff	226	75	151	196	24	239	74	165	205	26
Teachers aides [3]	220	16	204	149	49	266	16	250	184	55
Clerical, secretarial staff	215	5	210	192	16	232	5	227	201	19
Service workers [4]	649	331	319	485	131	663	314	349	484	137

[1] Excludes individuals of Spanish origin. [2] Includes other classroom teachers, not shown separately.
[3] Includes technicians. [4] Includes craftworkers and laborers.

Source: U.S. Equal Employment Opportunity Commission, *Job Patterns for Minorities and Women in Elementary/Secondary Schools,* annual.

No. 237. Public Elementary and Secondary Schools—Revenue and Expenditures: 1960 to 1981

[For years ending **June 30.** See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series H 487-501]

TYPE OF REVENUE AND EXPENDITURE	TOTAL (bil. dol.)									PERCENT				
	1960	1966	1970	1975	1977	1978	1979	1980	1981 [1]	1960	1970	1975	1980	1981 [1]
Revenue, total	**14.7**	**25.4**	**40.3**	**64.4**	**75.3**	**81.4**	**88.1**	**96.9**	**105.9**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Federal sources	.7	2.0	3.2	5.8	6.6	7.7	8.6	9.5	9.9	4.4	8.0	9.0	9.8	9.3
State sources	5.8	9.9	16.1	27.2	32.7	35.0	40.2	45.3	50.2	39.1	39.9	42.2	46.8	47.4
Other sources [2]	8.3	13.4	21.0	31.4	36.0	38.7	39.2	42.0	45.8	56.5	52.1	48.8	43.4	43.3
Expenditures, total	**15.6**	**26.2**	**40.7**	**64.8**	**75.0**	**80.8**	**86.7**	**96.0**	**102.5**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Current	12.5	21.7	34.9	57.4	67.7	73.6	79.4	87.6	93.9	79.8	85.7	88.5	91.3	91.6
Day schools	12.3	21.1	34.2	56.7	66.9	73.1	79.0	87.0	93.2	79.0	84.1	87.5	90.6	90.1
Administration	.5	.9	1.6	2.7	3.3	3.9	3.9	4.3	5.9	3.4	3.9	4.1	4.5	5.7
Instruction [3]	8.4	14.4	23.3	36.5	41.9	45.0	48.4	53.3	65.9	53.5	57.2	56.3	55.5	64.3
Plant operation and maintenance	1.5	2.4	3.5	6.1	7.3	8.1	8.6	9.7	12.0	9.6	8.6	9.5	10.1	11.7
Fixed charges	.9	1.7	3.3	6.3	8.1	9.3	10.4	11.8	[4]	5.8	8.0	9.7	12.3	[4]
Other services	1.0	1.6	2.6	5.1	6.3	6.8	7.7	7.9	9.5	6.6	6.3	7.9	8.2	.6
Other current [5]	.1	.6	.6	.7	.9	.6	.4	.6	.7	.9	1.6	1.0	.6	9.3
Capital outlay	[6] 2.7	3.8	4.7	5.7	5.3	5.2	5.4	6.5	6.7	17.0	11.5	8.8	6.8	6.6
Interest	.5	.8	1.2	1.7	2.0	2.0	2.0	1.9	1.9	3.1	2.9	2.7	2.0	1.8

[1] Preliminary. [2] Intermediate and local. Intermediate sources are administrative units or political subdivisions located between school districts and the State. Includes receipts from gifts and tuition and transportation fees paid by patrons. [3] Includes salaries of clerical assistants, free textbooks, school library books, and supplies. [4] Fixed charges is no longer being reported as a separate category; these dollars are being distributed to other appropriate categories. [5] 1960-1970 includes current expenditures for summer schools, and community services; 1975-1981 excludes adult education and community colleges. [6] Excludes capital outlay by State and local schoolhousing authority.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual, and *Revenues and Expenditures for Public Elementary and Secondary Education,* annual.

No. 238. Finances of Public School Systems, by Enrollment-Size Groups: 1979 to 1981

[**In millions of dollars, except percent.** Based on survey of State and local governments. Minus sign (−) indicates decrease. For details, see source. See also Appendix III.]

ITEM	1979, all school systems	1980, all school systems	1981, BY ENROLLMENT-SIZE GROUP						
			All school systems		Over 50,000	25,000 to 50,000	15,000 to 24,999	7,500 to 14,999	Under 7,500 (est.)
			Total	Percent change [1]					
General revenue [2]	**92,218**	**101,970**	**111,122**	**9.0**	**20,820**	**10,406**	**9,123**	**17,923**	**52,850**
Intergovernmental	48,743	56,279	60,961	8.3	12,486	6,344	5,209	9,888	27,034
From Federal government	1,603	1,645	1,742	5.9	496	195	152	242	657
From States	45,907	53,088	57,644	8.6	11,732	5,974	4,982	9,499	25,457
Federal aid distributed by State governments	6,531	7,459	7,711	3.4	1,890	777	576	1,264	3,204
From local governments	1,234	1,547	1,575	1.8	258	175	75	146	921
From own sources	43,474	45,692	50,160	9.8	8,334	4,062	3,914	8,035	25,815
Taxes	26,271	29,212	32,271	10.5	3,872	2,555	2,354	5,069	18,421
Property	27,335	28,089	31,021	10.4	3,649	2,450	2,287	4,862	17,773
Contribution from parent government	8,755	8,809	9,280	5.3	3,173	630	769	1,492	3,216
Charges and miscellaneous	6,449	7,670	8,609	12.2	1,289	877	791	1,474	4,178
General expenditure [2]	**90,572**	**100,532**	**108,796**	**8.2**	**20,085**	**10,297**	**9,094**	**17,545**	**51,775**
Intergovernmental	458	470	435	−7.4	123	3	4	62	243
Direct	90,114	100,063	108,360	8.3	19,962	10,294	9,090	17,483	51,531
Current operation	81,083	90,589	98,838	9.1	18,619	9,375	8,200	15,932	46,712
Salaries and wages	56,587	61,944	67,683	9.3	13,247	6,688	5,733	10,995	31,020
Capital outlay	6,546	7,517	7,472	−.6	1,052	727	698	1,205	3,790
Construction	4,536	5,226	5,035	−3.7	740	516	469	846	2,464
Interest on debt	1,885	1,957	2,050	4.8	291	193	192	345	1,029
Direct expenditure by level of instruction:									
Elementary and secondary	82,827	92,113	99,715	8.3	18,702	8,947	7,792	15,947	48,327
Higher education	5,401	5,993	6,595	10.0	969	1,155	1,106	1,190	2,175
Debt outstanding [3]	**36,486**	**36,685**	**36,094**	**−1.6**	**5,129**	**3,494**	**3,429**	**5,989**	**18,053**
Long-term	35,026	35,405	34,784	−1.8	5,056	3,393	3,358	5,816	17,161
Short-term	1,461	1,280	1,310	2.3	73	101	71	173	892
Long-term debt issued	3,252	2,961	2,488	−16.0	227	248	245	394	1,374
Long-term debt retired	2,886	2,997	3,053	1.9	546	279	252	493	1,483
Cash, security holdings, excl. employee-retirement [3]	15,815	16,733	17,694	5.7	2,164	1,780	1,651	2,692	9,407

[1] Change from 1980. [2] Excludes interschool system transactions. [3] As of end of fiscal year.

Source: U.S. Bureau of the Census, *Finances of Public School Systems in 1980-1981,* series GF 81 No. 10, annual.

NO. 239. PUBLIC SCHOOL FINANCES, 1975 TO 1981, AND BY STATE, 1981

[In millions of dollars, except as noted. For school years ending in June]

YEAR AND STATE	RECEIPTS						EXPENDITURES					
	Total	Revenue receipts				Non-revenue receipts	Total [1]	Per capita [2] (dol.)	Current expenditures			Capital outlay
		Total	Source						Elem. and secondary day schools	Average per pupil in ADA [3]		
			Federal	State	Local					Amount (dol.)	Rank	
1975	67,900	64,445	5,812	27,211	31,423	3,454	64,844	304	56,659	1,364	(x)	5,746
1976	[4] 74,594	71,206	6,318	31,776	33,112	[4] 3,388	70,601	328	62,054	1,504	(x)	6,146
1977	79,249	75,323	6,629	32,689	36,004	3,926	75,014	345	66,864	1,638	(x)	5,344
1978	84,969	81,443	7,694	35,013	38,736	3,529	80,944	368	73,058	1,823	(x)	5,245
1979	91,890	88,057	8,643	40,246	39,168	3,833	86,712	390	78,951	2,021	(x)	[5] 5,448
1980	100,554	96,881	9,504	45,349	42,029	3,674	95,962	427	86,984	2,275	(x)	6,506
1981, total [4]	**109,831**	**105,905**	**9,886**	**50,207**	**45,810**	**3,926**	**102,484**	**451**	**93,219**	**2,473**	(x)	**6,739**
Ala	1,464	1,437	239	868	330	26	1,368	351	1,288	1,835	[5] 46	61
Alaska	462	463	44	340	79	–	532	1,320	450	5,369	1	58
Ariz	1,354	1,259	162	632	465	95	1,241	454	1,098	2,305	26	104
Ark	807	758	126	367	265	50	816	355	714	1,713	50	80
Calif	11,314	11,202	1,135	7,371	2,696	112	10,276	432	9,744	2,427	22	398
Colo	1,762	1,646	97	638	911	116	1,591	548	1,378	2,708	15	161
Conn	1,331	1,331	82	392	857	–	1,383	444	1,345	2,683	17	12
Del	312	312	35	207	70	–	305	512	280	3,125	6	8
D.C	333	333	54	–	280	–	297	466	295	3,441	3	2
Fla	3,883	3,785	389	2,097	1,298	98	3,540	359	3,162	2,276	27	300
Ga	2,262	2,142	297	1,180	665	120	1,964	358	1,701	1,721	49	236
Hawaii	439	409	65	344	1	31	426	440	395	2,604	20	31
Idaho	406	399	41	231	127	7	410	433	357	1,878	44	44
Ill	5,674	5,567	397	2,142	3,029	107	5,168	452	4,802	2,720	14	279
Ind	2,656	2,594	167	1,375	1,052	62	2,214	403	1,897	2,008	39	295
Iowa	1,436	1,436	87	561	788	–	1,289	442	1,175	2,343	24	95
Kans	1,160	1,131	70	493	568	28	948	401	843	2,251	29	82
Ky	1,184	1,165	187	745	233	20	1,202	328	1,128	1,835	[5] 46	40
La	1,929	1,830	232	971	627	100	1,631	386	1,433	2,002	[5] 40	135
Maine	465	465	42	222	201	–	442	393	412	1,985	42	20
Md	2,220	2,220	182	900	1,139	–	2,164	512	1,993	2,998	7	134
Mass	3,095	3,086	182	1,120	1,783	9	2,931	510	2,818	2,964	10	34
Mich	5,122	5,071	356	1,813	2,902	52	4,956	535	4,539	2,652	19	242
Minn	2,394	2,334	134	1,322	879	59	2,176	533	1,918	2,698	16	166
Miss	819	785	190	445	150	34	801	317	753	1,685	51	44
Mo	1,870	1,825	175	746	904	45	1,823	370	1,662	2,197	31	118
Mont	447	442	43	197	202	5	430	546	386	2,727	13	37
Nebr	717	670	58	155	457	47	725	461	645	2,445	21	66
Nev	310	301	22	169	111	10	346	429	387	2,069	35	44
N.H	387	375	20	23	332	12	365	395	339	2,256	28	19
N.J	4,246	4,135	251	1,604	2,281	111	4,058	550	3,683	3,285	4	264
N. Mex	688	670	100	438	132	18	615	471	524	2,178	33	84
N.Y	10,355	10,200	720	3,990	5,490	155	9,918	564	9,328	3,769	2	279
N.C	2,339	2,253	315	1,415	523	86	2,278	387	2,144	2,033	36	108
N. Dak	304	303	33	134	136	1	246	376	224	2,002	[5] 40	18
Ohio	4,772	4,367	372	1,851	2,145	404	4,510	418	4,182	2,321	25	218
Okla	2,151	1,422	193	804	424	729	1,354	446	1,214	2,237	30	121
Oreg	1,544	1,451	122	446	883	83	1,453	551	1,305	3,130	5	114
Pa	5,728	5,559	494	2,445	2,620	169	5,367	452	4,986	2,841	11	199
R.I	402	402	35	132	235	(z)	417	439	405	2,996	9	4
S.C	1,116	1,031	185	496	349	86	1,274	407	1,111	1,916	43	129
S. Dak	306	305	40	84	181	1	271	393	245	2,016	37	22
Tenn	1,441	1,362	213	553	595	79	1,585	345	1,460	1,831	48	105
Tex	7,146	6,704	743	3,246	2,715	442	6,403	447	5,326	2,012	38	824
Utah	781	714	58	379	277	67	752	511	595	1,842	45	125
Vt	247	244	18	69	156	3	223	436	215	2,365	23	5
Va	2,430	2,304	236	945	1,122	127	2,254	420	2,059	2,193	32	146
Wash	2,378	2,301	205	1,667	429	77	5,336	563	1,988	2,679	18	399
W. Va	832	828	79	497	253	3	849	435	764	2,173	34	71
Wis	2,265	2,226	147	828	1,251	39	2,224	470	2,051	2,759	12	99
Wyo	353	351	19	117	215	2	344	724	274	2,997	8	60

– Represents zero. X Not applicable. Z Less than $500,000. [1] Includes interest on school debt and expenditures for summer schools, adult education, community services, and community colleges and technical institutes under the jurisdiction of local boards of education, not shown separately. [2] Based on Bureau of the Census estimated resident population, as of July 1, the preceeding year. [3] Average daily attendance. [4] Estimated. [5] N. Dak. and La. share the same rank of 40, and Ala. and Ky. share the same rank of 46. To make the rank equal to the number of States shown, the numbers 41 and 47 are omitted.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual, and unpublished data.

No. 240. Public Elementary and Secondary Schools—Total Revenues, Revenues From the Federal Government, and Title I, by State: 1981

[**In millions of dollars, except percent.** For school year ending in year shown. Title I of the Elementary and Secondary Education Act of 1965 provides for financial assistance to local education agencies serving areas with concentrations of children from low-income families to expand and improve their educational programs which contribute particularly to meeting the special needs of educationally deprived children]

STATE	Total revenue receipts	RECEIPTS FROM FEDERAL GOVERNMENT			STATE	Total revenue receipts	RECEIPTS FROM FEDERAL GOVERNMENT		
		Total	Title I revenue				Total	Title I revenue	
			Total	Percent of total				Total	Percent of total
U.S	**105,905**	**9,888**	**3,496**	**35.4**	Mo	1,825	175	50	28.6
					Mont	442	43	12	27.9
Ala	1,437	239	95	39.7	Nebr	670	58	17	29.3
Alaska	462	44	10	22.7	Nev	301	22	5	22.7
Ariz	1,259	162	46	28.4	N.H	375	20	4	20.1
Ark	758	126	59	46.8	N.J	4,135	251	92	36.7
Calif	11,202	1,135	377	33.2	N. Mex	670	100	28	28.0
Colo	1,646	97	37	38.1	N.Y	10,200	720	248	34.4
Conn	1,331	82	31	37.8	N.C	2,253	315	124	39.4
Del	312	35	10	28.6	N. Dak	303	33	8	24.2
D.C	333	54	17	31.5	Ohio	4,367	372	145	39.0
Fla	3,785	389	122	31.4	Okla	1,422	193	39	20.2
Ga	2,142	297	90	30.3	Oreg	1,451	122	37	30.3
Hawaii	409	65	14	21.5	Pa	5,559	494	185	37.4
Idaho	399	41	11	26.8	R.I	402	35	15	42.9
Ill	5,567	397	170	42.8	S.C	1,031	185	60	32.4
Ind	2,594	167	50	29.9	S. Dak	305	40	11	27.5
Iowa	1,436	87	25	28.7	Tenn	1,362	213	91	42.7
Kans	1,131	70	24	34.3	Tex	6,704	743	321	43.2
Ky	1,165	187	62	33.2	Utah	714	58	10	17.2
La	1,830	232	99	42.7	Vt	244	18	6	33.3
Maine	465	42	10	23.8	Va	2,304	236	68	28.8
Md	2,220	182	57	31.3	Wash	2,301	205	43	21.0
Mass	3,086	182	94	51.6	W. Va	828	79	33	41.8
Mich	5,071	356	133	37.4	Wis	2,226	147	62	42.2
Minn	2,334	134	54	40.3	Wyo	351	19	6	31.6
Miss	785	190	77	40.5					

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 241. Public Elementary and Secondary Schools—Enrollment and Staff for Selected Cities: Fall 1980 and 1981

CITY	ENROLLMENT (1,000)						CLASSROOM TEACHERS [2] (1,000)		PUPILS PER TEACHER		TOTAL STAFF [3] (1,000)	
	Total		Kindergarten-Grade 8 [1]		Grades 9-12 [1]							
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
Total U.S	**40,987**	**40,148**	**27,674**	**27,269**	**13,313**	**12,879**	**2,145**	**2,125**	**18.8**	**18.9**	**4,192**	**4,015**
Total 18 cities	**3,632**	**3,579**	**2,477**	**2,446**	**1,155**	**1,134**	[4] 185	173	19.6	20.7	361	351
Baltimore, Md	130	123	89	84	41	40	7	7	17.9	18.5	14	13
Boston, Mass	67	63	46	42	21	21	5	4	13.1	15.4	9	7
Chicago, Ill	458	443	326	318	133	125	22	21	21.2	21.0	42	42
Cleveland, Ohio	81	76	56	53	25	22	4	3	19.8	21.9	10	8
Dallas, Tex	130	128	92	91	38	37	7	7	17.4	17.7	15	14
Detroit, Mich	203	208	151	149	52	60	9	9	21.7	23.8	22	20
Houston, Tex	194	194	142	144	52	49	10	10	19.7	19.4	21	24
Indianapolis, Ind	66	57	46	39	20	19	3	3	19.5	19.9	8	6
Los Angeles, Calif	527	541	366	379	161	162	23	21	23.2	25.5	47	50
Memphis, Tenn	111	109	78	77	33	32	6	6	18.9	18.6	11	11
Milwaukee, Wis	88	86	61	59	27	27	5	5	18.4	17.7	9	9
New York, N.Y	944	924	594	585	349	339	43	45	21.9	20.7	76	79
Philadelphia, Pa	224	223	144	141	79	82	13	13	17.1	17.6	26	24
Phoenix, Ariz	78	80	57	58	21	22	4	4	18.9	19.9	15	9
San Antonio, Tex	61	60	44	44	17	16	3	3	19.7	19.8	6	6
San Diego, Calif	111	111	77	77	34	33	5	5	24.3	21.3	11	10
San Francisco, Calif	58	58	37	38	21	20	2	2	19.5	23.8	8	7
Washington, D.C	100	95	71	68	29	27	5	5	19.1	18.5	11	11

[1] Includes unclassified. [2] Full-Time equivalent. [3] Includes administration, instructional, and nonprofessional staff.
[4] NCES imputation comprises about 4 percent of total.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 242. PUBLIC SCHOOL PUPIL TRANSPORTATION: 1950 TO 1981

[Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series H 531-534]

ITEM	Unit	1950	1960	1968	1970	1974	1976	1978	1980	1981 [1]
Pupils transported at public expense [2]	Million	6.9	12.2	17.1	18.2	21.3	21.8	21.8	21.5	21.4
Percent of pupils in ADA [2]	Percent	27.7	37.6	42.0	43.4	51.5	52.8	54.4	56.1	56.6
Expenditure of public funds [3]	Mil. dol	215	486	981	1,219	1,858	2,377	2,731	3,833	4,694
Cost per pupil transported [2]	Dollars	31	40	57	67	87	109	125	179	220

[1] Preliminary. [2] Prior to 1960 based on enrollment; thereafter, average daily attendance (ADA). [3] Excludes capital outlay.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 243. PUBLIC ELEMENTARY AND SECONDARY SCHOOL ENROLLMENT AND ENROLLMENT IN BILINGUAL PROGRAMS, BY DIVISION AND RACE: 1980

[**In thousands, except percent.** Bilingual enrollment refers to pupils enrolled in a bilingual program, High Intensity Language Training, and English-as-a-second-language program or any non-language class taught in a language other than English. Based on sample and subject to sampling variability. For composition of divisions, see fig. I, inside front cover]

DIVISION	ENROLLMENT			RACE	ENROLLMENT		
	Total	Bilingual enrollment			Total	Bilingual enrollment	
		Number	Percent of total			Number	Percent of total
Total	**39,832**	**830**	**2.1**	White [1]	29,180	50	.2
				Black [1]	6,418	7	.1
New England	2,023	33	1.6	Hispanic	3,179	643	20.2
Middle Atlantic	5,805	53	.9				
East North Central	7,439	74	1.0	Asian American	749	116	15.5
West North Central	2,968	7	.2	American Indian	306	16	5.2
South Atlantic	6,634	50	.8				
East South Central	2,738	2	.1				
West South Central	4,555	223	4.9				
Mountain	2,249	68	3.0				
Pacific	5,421	320	5.9				

[1] Non-Hispanic.

Source: U.S. Department of Education, Office for Civil Rights, *1980 Elementary and Secondary Schools, Civil Rights Survey, National-State Summaries*, 1982.

NO. 244. PUBLIC ELEMENTARY AND SECONDARY STUDENTS IN SPECIAL EDUCATION PROGRAMS, BY AMOUNT OF PARTICIPATION PER WEEK AND BY TYPE OF HANDICAP: FALL 1980

TYPE OF HANDICAP	Enrollment (1,000)	NUMBER (1,000)			PERCENT		
		Less than 10 hours	More than 10 hours [1]	Full-time	Less than 10 hours	More than 10 hours [1]	Full-time
Total	**3,234**	**1,848**	**716**	**671**	**57**	**22**	**21**
Educable mentally retarded	563	79	246	238	14	44	42
Trainable mentally retarded	95	2	8	85	2	8	90
Hard of hearing	29	17	5	6	60	19	21
Deaf	18	3	5	10	14	31	55
Speech impaired	908	872	19	18	96	2	2
Visually handicapped	17	11	3	3	64	16	20
Seriously emotionally disturbed	183	55	48	80	30	26	44
Orthopedically impaired	39	14	5	20	37	12	52
Other health impaired	66	37	7	23	55	10	35
Specific learning disability	1,263	752	362	149	60	29	12
Deaf-blind	1	(z)	(z)	1	22	13	65
Multi-handicapped	52	7	8	38	13	15	72

Z Less than 500. [1] Excludes full-time.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, 1982.

No. 245. Public School Libraries/Media Centers (LMC): Fall 1978

School level and membership	Schools with LMC		Employees		Expenditures				Transactions		Titles [1]	
	Number	Percent of all schools	Full-time	Part-time	Total (mil. dol.)	Per pupil (dol.)	Percent for—		Number (1,000)	Mean	Number (mil.)	Mean (1,000)
							Salary and wages	Books				
Elementary, total [2]	**52,087**	**83**	**41,324**	**27,037**	**834.7**	**35**	**73**	**13**	**11,886**	**228**	**302.9**	**5.8**
2,000 or more students	29	100	76	20	1.4	28	81	12	33	1,149	.3	11.5
1,000 to 1,999	2,004	93	3,092	662	63.1	29	72	12	914	456	18.5	9.2
700 to 999	6,436	95	7,151	2,180	136.9	28	74	12	1,986	309	48.6	7.5
500 to 699	12,060	92	11,571	5,432	220.9	33	71	14	3,255	270	81.1	6.7
300 to 499	18,270	88	13,898	9,094	271.9	37	76	11	4,165	228	102.1	5.6
Under 300	13,289	66	5,536	9,650	141.5	47	72	14	1,534	115	52.2	3.9
Secondary, total	**18,767**	**93**	**29,411**	**7,134**	**550.9**	**33**	**71**	**12**	**6,942**	**370**	**166.8**	**8.9**
2,000 or more students	1,356	95	4,038	574	79.3	25	73	12	892	657	22.2	16.4
1,000 to 1,999	5,048	98	11,653	2,209	215.2	32	70	12	2,870	568	60.6	12.0
700 to 999	3,414	96	5,083	1,161	91.9	33	71	12	1,075	315	30.6	9.0
500 to 699	2,637	97	3,288	725	61.2	38	69	11	765	290	19.4	7.4
300 to 499	2,795	94	3,111	751	54.4	42	71	11	718	257	16.4	5.9
Under 300	3,517	82	2,238	1,715	48.9	52	70	14	622	177	17.5	5.0

[1] End of year. [2] Includes combined schools.

Source: U.S. National Center for Education Statistics, *Statistics of Public School Libraries/Media Centers*, Fall 1978.

No. 246. Student Use of Computers in Public Schools: 1980 and 1982

[As of fall. Based on surveys and subject to sampling variation. See source for details]

Item	Total	Instructional level			Region			
		Elementary	Secondary	Combined/ Other	North Atlantic [1]	Great Lakes/ Plains [2]	Southeast [3]	West/ Southwest [4]
1980								
Computers in instructional use:								
Total	[5] 52,251	12,365	38,145	2,845	11,530	16,574	5,052	19,094
Micro	[5] 30,715	6,944	23,173	1,404	5,960	9,713	3,115	11,927
Terminals	[5] 21,536	5,421	14,972	1,441	5,570	6,861	1,937	7,167
1982								
Schools: Total	81,971	50,800	25,297	5,874	16,398	24,472	18,301	22,800
With access	29,028	11,364	16,267	1,396	6,433	9,848	4,967	7,780
Computers in instructional use:								
Total	120,908	26,259	89,880	4,769	27,941	34,394	13,607	44,966
Micro	96,462	23,052	69,908	3,502	24,619	26,672	11,152	34,019
Terminals	24,446	3,207	19,972	1,267	3,322	7,722	2,455	10,947

[1] Includes Conn., Del., D.C., Maine, Md., Mass., N.H., N.J., N.Y., Pa., R.I., and Vt. [2] Includes Ill., Ind., Iowa, Kans., Mich., Minn., Mo., Neb., N. Dak., Ohio, S. Dak., and Wis. [3] Includes Ala., Ark., Fla., Ga., Ky., La., Miss., N.C., S.C., Tenn., Va, and W. Va. [4] Includes Alaska, Ariz., Calif., Colo., Hawaii, Idaho, Mont., Nev., N. Mex., Okla., Ore., Texas, Utah, Wash., and Wyo. [5] Detail will not add to total because some computers were shared across levels.

Source: U.S. National Center for Education Statistics, *Student Use of Computers in Schools, Fall 1980* and *Instructional Use of Computers in Public Schools*, September 1982.

No. 247. Catholic Elementary and Secondary Schools: 1960 to 1982

[As of **October 1**. Regular sessions only. See also *Historical Statistics, Colonial Times to 1970*, series H 535-544]

Item	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Elementary schools	Number	10,501	10,879	9,382	8,340	8,204	8,159	8,100	8,043	7,996	7,950
Pupils enrolled	1,000	4,373	4,492	3,355	2,525	2,421	2,365	2,293	2,269	2,266	2,225
Teachers, total	1,000	108	120	112	99	100	99	98	97	97	97
Religious	1,000	79	76	52	35	32	29	27	25	24	22
Lay	1,000	29	44	60	64	68	70	71	72	73	75
Secondary schools	Number	2,392	2,413	1,981	1,653	1,593	1,564	1,540	1,516	1,498	1,482
Pupils enrolled	1,000	880	1,082	1,008	890	867	853	846	837	828	801
Teachers, total	1,000	44	57	54	50	51	49	49	49	49	49
Religious	1,000	33	38	28	20	18	16	15	14	14	13
Lay	1,000	11	19	26	30	33	33	34	35	35	36

Source: National Catholic Educational Association, Washington, D.C., *A Statistical Report on Catholic Elementary and Secondary Schools for the Years 1967-68 to 1969-70*, and *U.S. Catholic Schools, 1973-74*, and National Catholic Educational Association/ Ganley's, *Catholic Schools in America*, annual. (Copyright.)

No. 248. Characteristics of Private Schools, by Level and Affiliation: 1976 to 1980

[As of **fall.** Elementary includes any combination of grades from prekindergarten through 8. Secondary includes any combination of grades from 7 through 12. Combined must include at least one grade below grade 7 and one above grade 8]

Level and item	All private schools			No affiliation			Religious affiliation					
							Total			Catholic		
	1976	1978	1980 [1]	1976	1978	1980 [1]	1976	1978	1980 [1]	1976	1978	1980 [1]
Total:												
Schools	20,081	19,663	20,764	4,171	3,944	4,722	15,910	15,719	16,042	9,966	9,849	9,509
Pupils (1,000)	5,167	5,084	4,962	758	747	795	4,409	4,338	4,166	3,423	3,270	3,138
Teachers [2] (1,000)	269	273	277	62	63	70	207	209	207	146	143	144
Pupil/teacher ratio	19.2	18.6	17.9	12.2	11.9	11.4	21.3	20.8	20.1	23.4	22.9	21.8
Elementary: [3]												
Schools	12,965	12,749	13,333	1,476	1,384	1,678	11,489	11,365	11,655	8,092	8,020	7,783
Pupils (1,000)	3,081	2,989	2,902	184	184	211	2,896	2,804	2,691	2,464	2,342	2,241
Teachers [2] (1,000)	133	133	133	14	14	15	119	119	117	95	93	92
Pupil/teacher ratio	23.2	22.5	21.8	13.1	13.1	14.1	24.3	23.6	23.0	25.9	25.2	24.4
Secondary:												
Schools	2,484	2,418	2,219	473	445	419	2,011	1,973	1,800	1,552	1,518	1,410
Pupils (1,000)	1,080	1,068	1,004	97	100	95	983	969	909	882	857	825
Teachers [2] (1,000)	62	63	62	9	9	9	53	53	53	46	45	46
Pupil/teacher ratio	17.4	17.0	16.2	10.8	11.1	10.6	18.5	18.3	17.2	19.2	19.0	17.9
Combined:												
Schools	3,420	3,348	3,459	1,276	1,219	1,212	2,144	2,129	2,247	140	135	149
Pupils (1,000)	905	937	929	401	396	392	504	540	537	58	53	56
Teachers [2] (1,000)	61	64	65	30	31	32	31	34	33	3	3	3
Pupil/teacher ratio	14.8	14.6	14.3	13.4	12.8	12.3	16.3	15.9	16.3	19.3	17.7	18.7
Other: [4]												
Schools	1,212	1,148	1,753	946	896	1,413	266	252	340	182	176	167
Pupils (1,000)	101	90	126	76	66	98	25	24	28	19	18	16
Teachers [2] (1,000)	12	13	18	9	10	14	3	3	3	2	2	2
Pupil/teacher ratio	8.4	6.9	7.0	8.4	6.6	7.0	8.3	8.0	9.3	9.5	9.0	8.0

[1] Revised data from the NCES 1980-81 private, elementary, and secondary school survey. [2] Full-time equivalent teachers. [3] Includes middle schools. [4] Includes special education, vocational/technical, and alternative schools regardless of grade span.

Source: U.S. National Center for Education Statistics, *Private Schools in American Education,* and unpublished data.

No. 249. Private Elementary and High Schools—Enrollment and Tuition, by Race, Family Income, Education of Family Householder, and Residence: 1982

[As of **October.** Civilian noninstitutional population]

Item	Enrollment (1,000)			Mean tuition (dol.)		Item	Enrollment (1,000)			Mean tuition (dol.)	
	All schools	Private		All private	Church related		All schools	Private		All private	Church related
		Total	Church related					Total	Church related		
Enrolled: Total	**41,534**	**4,151**	**3,441**	**1,029**	**827**	EDUCATION [1] [3]					
Dependent family members	40,902	4,128	3,423	1,028	825	Elementary: 0-8 yrs	5,032	202	166	(NA)	(NA)
RACE [1]						High school:					
White	33,369	3,726	3,095	1,024	825	1-3 yrs	5,811	326	279		
Black	6,245	277	220	975	796	4 yrs. or more	14,875	1,340	1,151		
Spanish origin [2]	3,464	300	264	837	747	College:					
INCOME [1] (dol.)						1-3 yrs	6,618	855	745		
Less than 7,500	6,121	206	186	666	677	4 or more yrs	7,832	1,367	1,048		
7,500 to 14,999	8,133	499	447	778	690	Not reported	734	38	34		
15,000 to 24,999	9,749	976	820	852	787	RESIDENCE [4]					
25,000 to 34,999	7,380	996	855	905	742	Northeast	8,774	1,171	985	1,063	783
35,000 to 49,999	4,755	629	522	1,063	873	North Central	10,743	1,260	1,145	766	691
50,000 to 74,999	2,072	344	270	1,573	1,156	South	13,782	1,026	740	1,209	993
75,000 and over	715	221	142	2,106	1,374	West	8,235	693	570	1,154	942
Not reported	1,978	256	182	1,100	775						

NA Not available. [1] Dependent family members. [2] Persons of Spanish origin may be of any race. [3] Education of family householder. [4] Total enrolled.

Source: U.S. Bureau of the Census, *Current Population Survey* unpublished data.

No. 250. Estimated School Retention Rates—Fifth Grade Through College Entrance: 1942-1950 to 1973-1981

[Prior to 1962, excludes Alaska and Hawaii. Rates for the 5th grade through high school graduation are based on enrollments in successive grades in successive years in public elementary and secondary schools, and are adjusted to include estimates for private schools. See also *Historical Statistics, Colonial Times to 1970*, series H 587-597]

Year of entrance into 5th grade	Retention per 1,000 pupils who entered 5th grade								High school graduates	Year of high school graduation	First-time college students [1]
	5th grade	6th grade	7th grade	8th grade	9th grade	10th grade	11th grade	12th grade			
1942	1,000	954	909	847	807	713	604	539	505	1950	205
1944	1,000	952	929	858	848	748	650	549	522	1952	234
1946	1,000	954	945	919	872	775	641	583	553	1954	283
1948	1,000	984	956	929	863	795	706	619	581	1956	301
1950	1,000	981	968	921	886	809	709	632	582	1958	308
1952	1,000	974	965	936	904	835	746	667	621	1960	328
1954	1,000	980	979	948	915	855	759	684	642	1962	343
1956	1,000	985	984	948	930	871	790	728	676	1964	362
1958	1,000	983	979	961	946	908	842	761	732	1966	384
1960	1,000	980	973	967	952	913	858	787	749	1968	452
1962	1,000	987	977	967	959	928	860	790	750	1970	461
1964	1,000	988	985	976	975	942	865	791	748	1972	433
1965	1,000	996	983	980	980	947	874	786	749	1973	433
1966	1,000	989	986	985	985	959	871	783	744	1974	448
1967	1,000	992	988	984	984	956	870	775	743	1975	452
1968	1,000	992	992	991	983	958	869	786	749	1976	435
1969	1,000	990	986	986	984	959	876	789	744	1977	(NA)
1970	1,000	990	990	988	979	963	883	800	746	1978	440
1971	1,000	991	989	989	985	976	874	794	743	1979	451
1972	1,000	996	996	994	994	984	886	798	744	1980	463
1973	1,000	997	995	994	994	977	879	797	745	1981	469

NA Not available. [1] Degree credit only.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 251. Scholastic Aptitude Test (SAT) Scores and Characteristics of College Bound Seniors: 1967 to 1982

Type of test and characteristic	Unit	1967	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
TEST SCORES [1]												
Verbal, total [2]	Point	466	460	444	434	431	429	429	427	424	424	426
Male	Point	463	459	447	437	433	431	433	431	428	430	431
Female	Point	468	461	442	431	430	427	425	423	420	418	421
Math, total [2]	Point	492	488	480	472	472	470	468	467	466	466	467
Male	Point	514	509	501	495	497	497	494	493	491	492	493
Female	Point	467	465	459	449	446	445	444	443	443	443	443
PARTICIPANTS												
Sex:												
Male	Percent	(NA)	(NA)	50.1	49.9	49.5	48.9	48.4	48.3	48.2	48.0	48.1
Female	Percent	(NA)	(NA)	49.9	50.1	50.5	51.1	51.6	51.7	51.8	52.0	51.9
Obtaining scores [1] of—												
600 or above:												
Verbal	Percent	(NA)	(NA)	10.0	7.9	8.0	8.0	7.9	7.7	7.2	7.0	7.1
Math	Percent	(NA)	(NA)	17.2	15.6	16.3	16.1	15.8	15.0	15.1	14.4	15.3
Below 400:												
Verbal	Percent	(NA)	(NA)	35.4	37.8	39.7	39.1	39.8	40.7	41.8	41.6	40.2
Math	Percent	(NA)	(NA)	25.5	28.5	29.1	29.7	29.8	29.9	30.2	29.5	29.5
Selected intended area of study:												
Business and commerce	Percent	(NA)	(NA)	10	11.5	12.6	14.3	16.3	17.8	18.6	18.5	18.7
Health and medical	Percent	(NA)	(NA)	(NA)	(NA)	17.9	17.6	16.4	15.5	14.7	14.4	14.2
Engineering	Percent	(NA)	(NA)	5	6.7	8.4	8.8	9.4	10.1	11.1	11.8	12.6
Social science	Percent	(NA)	(NA)	(NA)	7.7	6.8	8.2	9.0	8.2	7.8	7.4	7.2
Education	Percent	(NA)	(NA)	8	9.1	8.7	8.1	7.2	6.5	6.1	5.7	5.0
SAT average [1] by high school rank:												
Top tenth	Point	(NA)	(NA)	(NA)	(NA)	552	548	543	541	539	539	540
Second tenth	Point	(NA)	(NA)	(NA)	(NA)	478	476	472	471	470	472	473
Second fifth	Point	(NA)	(NA)	(NA)	(NA)	434	434	433	432	431	433	435
Third fifth	Point	(NA)	(NA)	(NA)	(NA)	386	387	386	386	386	387	389

NA Not available. [1] Minimum score, 200; maximum score, 800. [2] 1967 and 1970 are estimates based on total number of persons taking SAT.

Source: College Entrance Examination Board, New York, N.Y., *National Report on College-Bound Seniors*, annual. (Copyright.)

No. 252. Public and Private High School Graduates—States: 1975 and 1981

[In thousands. Excludes 7,000 graduates of subcollegiate departments of higher education, Federal schools for Indians, Federal schools on Federal installations, and residential schools for exceptional children. For composition of regions, see fig. I, inside front cover. See Appendix III]

Region, division, and state	Public		Private	
	1975	1981	1975	1981 [1]
U.S	**2,823.0**	**2,724.6**	**310.0**	**295.0**
Regions:				
Northeast	635.6	593.7	119.9	100.7
North Central	829.0	783.2	97.7	83.1
South	851.3	868.4	57.6	72.3
West	507.1	479.3	35.1	38.9
N. Eng	**165.2**	**157.4**	**29.4**	**28.2**
Maine	14.8	15.6	1.8	1.8
N.H	11.1	11.6	1.9	2.2
Vt	6.5	6.4	1.4	.9
Mass	[1] 79.0	74.8	15.0	12.6
R.I	11.0	10.7	2.0	2.1
Conn	42.8	38.4	7.3	8.6
Mid. Atl	**470.4**	**436.3**	**90.5**	**72.5**
N.Y	[1] 211.3	198.5	42.8	32.4
N.J	[1] 96.0	93.2	16.9	14.1
Pa	163.1	144.6	30.8	26.0
E. No. Cent	**580.0**	**545.8**	**73.0**	**61.5**
Ohio	158.2	143.5	19.7	15.7
Ind	74.0	73.4	5.4	5.4
Ill	[1] 141.3	136.8	25.5	20.3
Mich	135.5	124.4	15.9	13.1
Wis	71.0	67.7	7.5	7.0
W. No. Cent	**249.0**	**237.4**	**24.4**	**21.6**
Minn	66.5	63.2	4.8	4.4
Iowa	43.0	42.6	4.5	3.8
Mo	62.4	60.4	9.0	7.4
N. Dak	10.7	9.9	.7	.7
S. Dak	11.7	10.4	.7	.6
Nebr	22.2	21.4	2.7	2.9
Kans	32.5	29.4	2.0	1.8

Division and state	Public		Private	
	1975	1981	1975	1981 [1]
So. Atl	**413.9**	**416.6**	**28.1**	**36.6**
Del	8.2	7.3	1.3	1.5
Md	55.4	54.1	6.9	6.9
D.C	5.4	4.8	1.4	1.6
Va	65.6	67.1	4.4	4.5
W. Va	24.6	23.6	.8	.9
N.C	70.1	69.6	2.1	2.8
S.C	[2] 38.3	38.3	2.4	2.7
Ga	59.8	63.0	2.4	5.3
Fla	86.5	88.8	6.4	10.4
E. So. Cent	**165.6**	**165.4**	**14.0**	**17.2**
Ky	42.4	41.7	4.0	4.4
Tenn	49.4	50.8	3.0	5.2
Ala	46.6	44.9	3.4	3.9
Miss	27.2	28.1	3.6	3.7
W. So. Cent	**271.8**	**286.3**	**15.5**	**18.5**
Ark	26.6	29.6	.8	1.1
La	47.7	46.2	9.2	9.3
Okla	37.8	38.9	.9	1.0
Tex	159.5	171.7	4.6	7.1
Mt	**136.5**	**141.6**	**6.6**	**6.4**
Mont	12.3	11.6	1.2	.5
Idaho	12.6	12.7	.2	.3
Wyo	5.6	6.2	.1	.2
Colo	35.0	35.9	1.9	1.9
N. Mex	18.4	17.9	.8	.9
Ariz	25.7	28.4	1.9	1.8
Utah	19.7	19.9	.3	.5
Nev	7.2	9.1	.3	.3
Pac	**370.6**	**337.7**	**28.5**	**32.5**
Wash	51.0	50.0	2.7	3.1
Oreg	30.7	28.6	1.5	1.7
Calif	273.4	242.2	21.9	24.9
Alaska	4.2	5.3	.1	.2
Hawaii	11.3	11.5	2.3	2.6

[1] Estimated [2] Includes pupils graduating during summer of 1975.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 253. Employment Status of High School Graduates Not Enrolled in College and School Dropouts, by Sex and Race: 1970 to 1982

[**In thousands except percent.** For civilian noninstitutional population 16 to 21 years old. As of **October.** High school graduates: Persons not enrolled in college and includes those who attended college prior to survey date; Dropouts: Persons not in regular school and not high school graduates. Based on samples and subject to sampling variability]

Employment status, sex, and race	Graduates					Dropouts				
	1970 [1]	1975 [2]	1980 [2]	1981 [2]	1982 [2]	1970 [1]	1975 [2]	1980 [2]	1981 [2]	1982 [2]
Civilian population	**5,823**	**7,254**	**7,708**	**7,366**	**7,092**	**2,757**	**3,317**	**3,377**	**3,244**	**3,202**
In labor force	4,566	6,008	6,646	6,387	6,038	1,611	2,029	2,248	2,207	2,125
Percent of population	78.4	82.8	86.2	86.7	85.1	58.4	61.2	66.6	68.0	66.4
Employed	4,038	5,111	5,805	5,450	4,956	1,264	1,449	1,636	1,543	1,360
Percent of labor force	88.4	85.1	87.4	85.3	82.1	78.5	71.4	72.8	69.9	64.0
Male	1,730	2,573	2,833	2,701	2,455	805	969	1,077	1,060	869
Female	2,308	2,538	2,973	2,749	2,501	459	480	559	483	491
White	3,636	4,653	5,211	4,912	4,429	1,011	1,216	1,426	1,372	1,179
Black and other [3]	402	454	513	472	463	253	232	179	146	142
Unemployed	528	897	841	937	1,082	347	580	613	664	765
Percent of labor force	11.6	14.9	12.7	14.7	17.9	21.5	28.6	27.3	30.1	36.0
Male	236	450	465	440	512	219	336	371	395	481
Female	292	447	376	497	570	128	244	242	269	284
White	429	715	624	670	789	232	419	434	473	551
Black and other [3]	99	185	207	254	279	115	161	151	176	199
Not in labor force	1,257	1,246	1,062	979	1,050	1,146	1,289	1,128	1,037	1,076
Percent of population	21.6	17.2	13.8	13.3	14.8	41.6	38.9	33.4	32.0	33.6

[1] Data not strictly comparable with data for subsequent years. [2] Population controls based on 1980 census; see text, p. 2.
[3] Beginning 1980, Black only.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report*, Nos. 66, 131, 191, unpublished data, and *Monthly Labor Review*, September 1983.

NO. 254. HIGH SCHOOL DROPOUTS 14 TO 24 YEARS OLD, BY RACE AND AGE: 1968 TO 1982

[As of **October.** See headnote, table 253. Total dropouts include races not shown separately]

AGE AND RACE	NUMBER OF DROPOUTS (1,000)							PERCENT OF POPULATION				
	1968	1970	1975	1979	1980	1981 [1]	1982	1970	1975	1980	1981 [1]	1982
Total dropouts [2]	**4,650**	**4,670**	**4,974**	**5,408**	**5,212**	**5,286**	**5,160**	**12.2**	**11.5**	**12.0**	**11.9**	**11.8**
16-17 years	568	617	715	704	709	622	556	8.0	8.6	8.8	7.8	7.3
18-21 years	2,163	2,138	2,557	2,738	2,578	2,621	2,646	16.4	16.3	15.8	15.9	16.3
22-24 years	1,766	1,770	1,553	1,822	1,798	1,899	1,854	18.7	14.5	15.2	15.2	14.6
White [2]	**3,685**	**3,577**	**3,861**	**4,280**	**4,169**	**4,218**	**4,080**	**10.8**	**10.5**	**11.3**	**11.4**	**11.2**
16-17 years	453	485	594	565	619	517	478	7.3	8.4	9.2	7.8	7.6
18-21 years	1,711	1,618	1,980	2,149	2,032	2,087	2,056	14.3	14.7	14.7	15.0	15.2
22-24 years	1,396	1,356	1,169	1,422	1,416	1,503	1,467	16.3	12.6	14.0	14.2	13.7
Black [2]	**932**	**1,047**	**1,024**	**1,016**	**934**	**944**	**937**	**22.2**	**18.5**	**16.0**	**15.7**	**15.5**
16-17 years	110	125	116	92	80	92	66	12.8	10.2	6.9	8.0	6.0
18-21 years	437	500	540	534	486	473	519	30.5	27.0	23.0	21.3	23.0
22-24 years	362	397	337	361	346	348	332	37.8	27.8	24.0	22.4	20.5

[1] Population controls based on the 1980 census; see text, p. 2. [2] Includes other age groups not shown separately.
Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 104 and earlier reports; and unpublished data.

NO. 255. HIGH SCHOOL AND COLLEGE GRADUATES, BY SEX AND CONTROL: 1950 TO 1981

[**In thousands, except percent.** Prior to 1960, excludes Alaska and Hawaii. See also table 275; Appendix III; and *Historical Statistics, Colonial Times to 1970,* series H 598-601 and H 752-756]

YEAR OF GRADUATION	HIGH SCHOOL GRADUATES [1]						COLLEGE GRADUATES [3]				
	Total		Sex		Control		Bachelor's degrees [4]				Master's and doctor's degrees [5]
	Number	Percent of persons 18 years old [2]	Male	Female	Public	Private, est.	Total	Per 100 high school graduates 4 yrs. earlier	Male	Female	
1950	1,200	56.0	571	629	(NA)	(NA)	432	40	329	103	65
1955	1,351	64.6	648	703	1,208	143	286	24	183	103	67
1960	1,864	72.4	898	966	1,633	231	392	28	254	138	84
1965	2,665	70.8	1,314	1,351	2,366	298	501	25	289	213	162
1970	2,896	77.1	1,433	1,463	2,596	300	793	30	451	341	273
1975	3,140	74.3	1,545	1,595	2,830	310	923	31	505	418	382
1976	3,155	74.4	1,554	1,601	2,844	311	926	31	505	421	408
1977	3,161	74.3	1,550	1,611	2,846	315	920	30	496	424	414
1978	3,134	73.8	1,534	1,600	2,832	302	921	30	487	434	410
1979	3,124	72.7	1,526	1,598	2,824	300	921	29	477	444	403
1980	3,058	72.1	1,500	1,558	2,763	295	929	29	474	456	401
1981	3,026	71.7	1,485	1,541	2,731	295	935	30	470	465	401

NA Not available. [1] Data for all years include about 7,000 graduates of subcollegiate departments of institutions of higher education, Federal schools for Indians and on Federal installations, and residential schools for exceptional children. [2] Based on estimated resident population as of July 1. [3] Data cover public and private institutions. [4] Through 1960, bachelor's or first professional degree; thereafter, bachelor's degree only. [5] Beginning 1965, includes first professional degrees.
Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual.

NO. 256. COLLEGE ENROLLMENT OF PERSONS 18-24 YEARS OLD, AND PERCENT OF HIGH SCHOOL GRADUATES ENROLLED IN COLLEGE BY SEX AND RACE: 1960 TO 1982

[**In thousands, except percent.** As of **October,** except as noted. Covers civilian noninstitutional population]

ITEM AND YEAR	ALL PERSONS			MALE			FEMALE		
	Total [1]	White	Black	Total [1]	White	Black	Total [1]	White	Black
College enrollment:									
1960 [2]	2,215	2,081	[3] 134	1,334	1,269	[3] 65	880	811	[3] 69
1970	5,805	5,305	416	3,331	3,098	192	2,474	2,209	225
1975	6,935	6,116	665	3,693	3,326	294	3,243	2,790	372
1980	7,226	6,334	688	3,604	3,224	278	3,625	3,110	410
1981 [4]	7,575	6,549	750	3,833	3,340	325	3,741	3,208	424
1982	7,673	6,594	767	3,837	3,308	331	3,841	3,285	436
Percent of high school graduates enrolled:									
1960 [2]	23.7	24.2	[3] 18.4	30.3	31.1	[3] 20.8	17.8	17.9	[3] 16.5
1970	32.7	33.2	26.0	41.2	42.3	28.7	25.6	25.6	24.1
1975	32.5	32.4	32.0	36.2	36.4	32.8	29.2	28.6	31.5
1980	31.8	32.0	27.8	33.5	34.0	26.4	30.3	30.2	28.8
1981 [4]	32.5	32.5	28.0	34.7	34.7	28.2	30.4	30.5	27.8
1982	33.0	33.1	28.0	34.5	34.4	28.3	31.6	31.8	27.7

[1] Includes other races, not shown separately. [2] As of April. [3] For 1960, Black and other races. [4] Population controls based on the 1980 census; see text, p. 2.
Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960,* vol. I, *Characteristics of the Population,* part 1; *Current Population Reports,* series P-20, No. 373 and earlier reports; and unpublished data.

NO. 257. HIGHER EDUCATION—SUMMARY: 1960 TO 1981

[Institutions, staff, and enrollment as of **fall.** Finances for fiscal year ending in the following year. *Covers universities, colleges,* professional schools, junior and teachers colleges, and normal schools, both publicly and privately controlled, regular session. Includes estimates for institutions not reporting. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series H 680, H 699-705, and H 710]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981
Institutions[1]	**Number**	**1,968**	**2,230**	**2,556**	**3,026**	**3,095**	**3,134**	**3,152**	**3,231**	**3,253**
4-year	Number	1,447	1,551	1,665	1,898	1,938	1,941	1,957	1,957	1,979
2-year	Number	521	679	891	1,128	1,157	1,193	1,195	1,274	1,274
Instructional	**1,000**	**276**	**412**	**573**	**781**	**812**	**809**	**823**	**846**	**865**
Instructor or above	1,000	236	340	474	628	650	647	657	678	695
Percent full-time	Percent	65.3	72.9	77.8	70.1	68.8	68.6	68.6	68.7	68.3
Total enrollment[2]	**1,000**	**3,789**	**5,921**	**8,581**	**11,185**	**11,286**	**11,260**	**11,570**	**12,097**	**12,372**
Degree credit	1,000	3,583	5,526	7,920	9,731	(NA)	(NA)	(NA)	(NA)	(NA)
Male	1,000	2,257	3,375	4,637	5,321	5,789	5,641	5,683	5,874	5,975
Female	1,000	1,326	2,152	3,284	4,410	5,497	5,619	5,887	6,223	6,397
4-year institutions	1,000	3,131	4,685	6,290	7,143	7,243	7,232	7,353	7,571	7,655
2-year institutions	1,000	451	841	1,630	2,588	4,043	4,028	4,217	4,526	4,716
Full-time	1,000	2,466	3,910	5,489	6,147	6,793	6,668	6,794	7,098	7,181
Part-time	1,000	1,117	1,616	2,431	3,584	4,493	4,592	4,776	4,999	5,190
Public	1,000	2,116	3,624	5,800	7,426	8,847	8,786	9,037	9,457	9,647
Private	1,000	1,467	1,902	2,120	2,306	2,439	2,474	2,533	2,640	2,725
Graduate	1,000	[3] 356	697	1,031	1,263	1,085	1,081	1,070	1,100	1,101
Undergraduate[4]	1,000	3,227	4,829	6,889	8,468	10,201	10,179	10,500	10,997	11,270
Male	1,000	2,004	2,910	4,005	4,621	5,193	5,057	5,116	5,303	5,404
Female	1,000	1,223	1,919	2,884	3,847	5,008	5,122	5,384	5,694	5,867
1st time freshmen	1,000	923	1,442	1,780	1,910	2,394	2,390	2,503	2,588	2,595
4-year institutions	1,000	2,776	3,988	5,259	5,884	6,158	6,152	6,285	6,472	6,555
Full-time	1,000	2,077	3,159	4,234	4,577	4,703	4,678	4,768	4,897	4,939
Part-time	1,000	699	829	1,025	1,308	1,456	1,474	1,517	1,574	1,615
2-year institutions	1,000	451	841	1,630	2,584	4,043	4,028	4,215	4,526	4,716
Public	1,000	1,929	3,184	5,076	6,520	8,128	8,083	8,337	8,747	8,946
Private	1,000	1,298	1,645	1,813	1,948	2,073	2,096	2,163	2,251	2,325
Nondegree credit	1,000	206	395	661	1,453	(NA)	(NA)	(NA)	(NA)	(NA)
Current funds revenues[5]	**Mil. dol**		**12,734**	**23,879**	**39,703**	**47,034**	**51,838**	**58,520**	**65,585**	
Educational and general[5]	Mil. dol		10,285	18,392	(X)	(X)	(X)	(X)	(X)	
Tuition and fees	Mil. dol		2,670	5,021	8,172	9,855	10,704	11,930	13,773	
Federal Government	Mil. dol		2,654	2,739	5,414	6,113	6,844	7,772	8,479	
State government	Mil. dol		2,984	6,589	12,261	14,746	16,364	18,378	20,106	
Auxiliary enterprises	Mil. dol		2,139	3,125	4,548	5,328	5,741	6,481	7,287	
Other funds revenues[6]	Mil. dol		(NA)	1,653	4,442	5,212	6,100	7,146	8,198	
Plant funds[7]	Mil. dol	(NA)	3,484	(NA)	3,910	3,293	3,676	4,382	4,774	(NA)
Increase in fund balance[8]	Mil. dol		663	498	959	1,032	1,373	2,154	2,793	
Current funds expenditures[5]	**Mil. dol**		**12,509**	**23,375**	**38,903**	**45,970**	**50,721**	**56,914**	**64,053**	
Educational and general[9]	Mil. dol		9,951	17,616	30,598	36,257	39,833	44,543	50,074	
Auxiliary enterprises and activities	Mil. dol		1,888	2,988	4,477	5,261	5,750	6,486	7,288	
Gross addition to plant value	Mil. dol		3,125	4,165	4,702	4,527	4,576	5,551	6,471	
Value of plant	Mil. dol		26,851	46,054	66,348	74,771	78,638	83,733	88,761	
Endowment (book value)	Mil. dol		8,766	11,341	13,952	15,568	16,804	18,561	20,941	

NA Not available. X Not applicable. [1] Beginning 1975, number of institutions includes count of branch campuses. [2] Beginning 1975, branch campuses counted according to actual status, e.g., 2-year branch in 2-year category; previously a 2-year branch included in university category. [3] Includes resident only. [4] Includes first-professional enrollment and unclassified students. [5] Includes items not shown separately. [6] Beginning 1970, includes "major public service programs" previously reported under "Educational and general." [7] Beginning 1975, annual net increase in plant funds. [8] Includes endowment, and, beginning 1975, annuity and student loans. See table 266. [9] Beginning 1975, not strictly comparable with earlier years.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual, and unpublished data.

NO. 258. COLLEGE ENROLLMENT, BY SEX, AGE, AND RACE: 1970 TO 1982

[**In thousands, except percent.** As of **October.** Covers civilian noninstitutional population, 14 years old and over, except as noted. Degree-credit enrollment only]

SEX, AGE, AND RACE	1970[1]	1972	1974	1975	1976	1977	1978	1979	1980	1981[2]	1982	PERCENT 1970	PERCENT 1975	PERCENT 1982
Total	**7,327**	**9,095**	**9,851**	**10,880**	**11,139**	**11,546**	**11,140**	**11,380**	**11,367**	**12,127**	**12,309**	**100.0**	**100.0**	**100.0**
Male[3]	4,292	5,218	5,402	5,911	5,785	5,889	5,581	5,480	5,430	5,825	5,899	58.6	54.3	47.9
18-24 yrs	3,113	3,534	3,411	3,693	3,673	3,712	3,621	3,508	3,604	3,833	3,837	42.8	33.9	31.2
25-34 yrs	955	1,178	1,371	1,521	1,518	1,546	1,396	1,356	1,325	1,442	1,460	13.0	14.0	11.9
35 yrs. and over	178	365	476	569	489	520	457	487	405	453	490	2.4	5.2	4.0
Female[3]	3,035	3,877	4,449	4,969	5,354	5,657	5,559	5,900	5,957	6,303	6,410	41.4	45.7	52.1
18-24 yrs	2,392	2,724	2,905	3,243	3,508	3,431	3,373	3,482	3,625	3,741	3,841	32.6	29.8	31.2
25-34 yrs	430	581	831	947	971	1,255	1,173	1,319	1,378	1,485	1,528	5.9	8.7	12.4
35 yrs. and over	183	418	548	614	700	809	845	914	802	940	900	2.5	5.6	7.3
White	6,721	8,147	8,689	9,547	9,679	9,961	9,662	9,956	9,926	10,352	10,550	91.7	87.7	85.7
Male	3,987	4,723	4,781	5,263	5,085	5,156	4,913	4,823	4,804	5,011	5,078	54.4	48.4	41.3
Female	2,734	3,427	3,906	4,285	4,594	4,806	4,748	5,132	5,123	5,342	5,474	37.3	39.4	44.5
Black and other races	606	949	1,163	1,333	1,460	1,585	1,479	1,424	1,461	1,775	1,758	8.3	12.3	14.3
Male	305	496	621	648	700	733	668	657	626	814	821	4.2	6.0	6.7
Female	301	450	543	684	760	851	811	768	834	961	936	4.1	6.3	7.6

[1] 14 to 49 years old only. As of April. Data from 1970 *Census of Population.* [2] Population controls based on the 1980 Census, see text, p. 2. [3] Includes persons 14 to 17 years old, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 373, earlier reports, and unpublished data.

No. 259. Enrollment in Institutions of Higher Education by Sex, Age, and Attendance Status, 1970 To 1980, and Projections, 1985 and 1990

[As of fall]

Sex and age	Number (1,000)					Percent part-time				
	1970	1975	1980	1985	1990	1970	1975	1980	1985	1990
Total	**8,581**	**11,185**	**12,097**	**12,174**	**12,101**	**32.2**	**38.8**	**41.3**	**44.3**	**46.0**
Male	5,044	6,149	5,874	5,917	5,770	30.5	36.1	37.2	40.5	42.4
16 and 17 years	129	126	99	90	82	3.9	13.5	15.2	13.3	12.2
18 and 19 years	1,349	1,397	1,375	1,159	1,140	6.2	9.2	10.7	10.5	10.5
20 and 21 years	1,095	1,245	1,260	1,156	1,044	9.6	15.4	12.3	14.0	14.0
22 to 24 years	964	1,048	1,063	1,066	913	32.6	34.5	35.8	34.1	34.2
25 to 29 years	783	1,123	994	1,130	1,107	58.2	57.8	61.9	60.4	60.3
30 to 34 years	308	557	576	642	695	76.6	67.0	77.6	75.4	75.4
35 years and over	415	654	507	674	788	81.9	76.8	84.8	84.6	84.5
Female	3,537	5,036	6,223	6,257	6,331	34.6	42.1	45.2	47.9	49.3
16 and 17 years	129	152	149	128	119	9.3	12.5	11.4	9.4	10.1
18 and 19 years	1,250	1,388	1,524	1,259	1,234	8.8	10.6	11.4	11.8	12.2
20 and 21 years	785	998	1,165	1,051	951	16.3	19.8	17.9	18.1	18.1
22 to 24 years	493	706	925	1,005	952	53.1	54.4	47.4	41.2	37.2
25 to 29 years	292	651	879	971	984	72.6	66.5	73.5	69.7	67.4
30 to 34 years	179	410	667	698	758	84.4	76.8	79.6	80.1	80.1
35 years and over	409	730	915	1,147	1,334	85.6	85.6	87.3	87.0	87.1

Source: U.S. National Center for Education Statistics, *The Condition of Education*, 1982.

No. 260. College Enrollment by Major Field of Study and Sex: 1966 and 1982

[**In thousands, except percent.** As of **October.** Covers civilian noninstitutional population 14 to 34 years old. Degree-credit enrollment only. Based on Current Population Survey; see text, p. 2]

Major field of study	1966				1982				Percent distribution	
	Total	Male	Female	Black	Total	Male	Female	Black	1966	1982
Total enrollment [1]	**5,999**	**3,710**	**2,289**	**282**	**10,919**	**5,409**	**5,510**	**1,127**	**100.0**	**100.0**
Agriculture, forestry [2]	73	71	2	12	259	112	147	9	1.2	2.4
Biological sciences	602	334	268	27	318	169	149	28	10.0	2.9
Health, medical profession					1,305	332	973	183		12.0
Business, commerce	888	684	204	41	2,586	1,307	1,278	292	14.8	23.7
Education	1,118	359	760	65	732	189	543	65	18.6	6.7
Engineering [3]	534	524	10	12	1,229	972	257	86	8.9	11.3
English, journalism	620	304	316	15	304	137	167	35	10.3	2.8
Liberal arts or humanities					852	398	454	65		7.8
Law	(NA)	(NA)	(NA)	(NA)	252	143	109	19	(NA)	2.3
Mathematics, statistics	236	150	86	8	187	98	90	17	3.9	1.7
Physical sciences	226	200	25	12	258	177	81	10	3.8	2.4
Social sciences	642	401	241	48	763	352	411	69	10.7	7.0
Vocational, technical	(NA)	(NA)	(NA)	(NA)	414	291	122	48	(NA)	3.8

NA Not available. [1] Includes other fields of study, not shown separately. [2] Includes home economics in 1982. [3] Includes computer sciences in 1982.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 183, and unpublished data.

No. 261. Foreign (Nonimmigrant) Student Enrollment in Institutions of Higher Education, by Region of Origin, 1975 to 1982, and by Field of Study, 1976 and 1982

Region of origin	Enrollment (1,000)								Percent enrolled in—					
									Engineering		Science [1]		Business	
	1975	1976	1977	1978	1979	1980	1981	1982	1976	1982	1976	1982	1976	1982
All regions	**[2] 155**	**179**	**203**	**237**	**264**	**286**	**312**	**326**	**21**	**23**	**11**	**7**	**14**	**18**
Africa	18	25	26	30	34	36	38	42	14	17	14	7	18	25
Asia [3]	82	97	109	131	147	165	179	181	26	30	12	8	14	17
Taiwan	10	11	12	14	16	18	19	21	26	25	27	12	8	16
Hong Kong	11	12	11	12	11	10	10	9	19	19	15	8	21	29
India	10	10	9	9	9	9	9	11	35	33	17	13	15	19
Iran	14	20	23	36	45	51	48	36	40	45	8	9	10	10
Europe	14	14	17	19	22	23	25	29	12	13	12	8	13	17
Latin America [4]	26	30	37	39	41	42	50	55	18	19	11	6	13	19
North America	9	10	10	13	16	16	15	15	6	8	7	6	9	15
Canada	8	10	11	13	15	15	14	15	6	8	7	6	8	14
Oceania	5	3	3	4	4	4	4	4	4	4	9	6	10	17

[1] Physical and life sciences. [2] Distribution by region estimated for 30,416 students whose origin was unknown. [3] Includes countries not shown separately. [4] Includes Mexico, Central America, and Caribbean.

Source: Institute of International Education, New York, N.Y., *Open Doors*, annual. (Copyright.)

No. 262. Enrollment in Institutions of Higher Education, by Specified Minority Groups, 1968 to 1980, and by Geographic Division, 1980

[**Enrollment in thousands, except percent.** As of **fall.** Prior to 1976, excludes Alaska and Hawaii. Covers full-time undergraduate students in 2-year and 4-year institutions taking credits equal to at least 75 percent of a normal load. Excludes institutions in the outlying areas. For composition of divisions, see fig. I, inside front cover]

YEAR AND GEOGRAPHIC DIVISION	Number of institutions	Total enrollment	BLACK ENROLLMENT		ENROLLMENT OF OTHER MINORITY GROUPS				
			Number	Percent	Total	Percent	American Indian	Asian American	Spanish-surnamed American
1968, total	**2,054**	**4,820**	**287**	**6.0**	**169**	**3.5**	**29**	**48**	**91**
1970, total	**2,516**	**4,966**	**345**	**6.9**	**181**	**3.7**	**27**	**52**	**103**
1972, total	**2,665**	**5,531**	**459**	**8.3**	**219**	**4.0**	**32**	**57**	**130**
1974, total	**2,808**	**5,639**	**508**	**9.0**	**255**	**4.5**	**33**	**64**	**158**
1976, total	**2,821**	**5,755**	**605**	**10.5**	**331**	**5.8**	**38**	**101**	**191**
1978, total	**2,897**	**5,664**	**601**	**10.6**	**346**	**6.1**	**36**	**114**	**196**
1980, total	**2,979**	**5,993**	**625**	**10.4**	**396**	**6.6**	**39**	**136**	**221**
New England	234	408	15	3.7	11	2.7	1	4	6
Middle Atlantic	493	987	105	10.6	66	6.6	4	17	45
East North Central	477	1,100	103	9.4	31	2.8	4	12	15
West North Central	306	511	20	3.8	12	2.3	4	4	4
South Atlantic	505	877	165	18.9	30	3.5	3	8	19
East South Central	223	381	79	20.7	4	.9	1	2	1
West South Central	253	584	76	13.1	58	9.9	5	5	47
Mountain	142	328	7	2.3	33	10.0	7	5	21
Pacific	346	818	55	6.7	152	18.6	10	79	63

Source: U.S. Office for Civil Rights, *Undergraduate Enrollment by Ethnic Group in Federally Funded Institutions of Higher Education, Fall 1968* and, beginning 1970, *Racial and Ethnic Enrollment Data From Institutions of Higher Education*, biennial.

No. 263. Junior (Two-Year) Colleges—Summary: 1960 to 1981

[Institutions and their enrollment as of **Fall;** financial data for fiscal year ending the following year. Prior to 1975, excludes two-year branches of universities and other four-year institutions. 1960 covers degree-credit students only. See *Historical Statistics, Colonial Times to 1970*, series H 690-692 and H 705, for related but not comparable data. See also Appendix III]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
Institutions	**Number**	**521**	**679**	**892**	**1,128**	**1,131**	**1,155**	**1,190**	**1,193**	**1,269**	**1,274**
Public	Number	315	420	654	897	904	920	922	925	941	940
Private	Number	206	259	238	231	227	235	268	268 [1]	328 [1]	334
Enrollment	**1,000**	**451**	**1,173**	**2,223**	**3,970**	**3,883**	**4,043**	**4,028**	**4,217**	**4,526**	**4,716**
Public	1,000	392	1,041	2,102	3,836	3,752	3,902	3,874	4,057	4,329	4,481
Private	1,000	59	132	121	134	132	141	154	160 [1]	198 [1]	236
Male	1,000	282	734	1,317	2,165	1,980	1,965	1,885	1,922	2,047	2,124
Female	1,000	169	439	906	1,805	1,903	2,078	2,143	2,295	2,479	2,592
Current funds revenue [2]	**Mil. dol**	(NA)	**874**	**2,504**	**5,304**	**5,751**	**6,281**	**6,742**	**7,507**	**8,505**	(NA)
Tuition and fees	Mil. dol	(NA)	186	413	896	1,022	1,088	1,161	1,302	1,618	(NA)
State government	Mil. dol	(NA)	242	916	2,248	2,457	2,728	3,140	3,635	3,961	(NA)
Local government	Mil. dol	(NA)	237	700	1,187	1,275	1,405	1,210	1,168	1,623	(NA)
Current funds expenditures	**Mil. dol**	(NA)	**819**	**2,327**	**5,092**	**5,548**	**6,072**	**6,558**	**7,253**	**8,212**	(NA)
Education and general [3]	Mil. dol	(NA)	672	2,073	4,736	5,168	5,661	6,107	6,722	7,608	(NA)
Instruction	Mil. dol	(NA)	391	1,205	2,401	2,598	2,818	3,007	3,315	3,764	(NA)

NA Not available. [1] Increases in 1980 and 1981 are due to the addition of schools accredited by the National Association of Trade and Technical Schools. [2] Includes items not shown separately. [3] Includes mandatory transfers.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual; and *Financial Statistics of Institutions of Higher Education*, annual.

No. 264. College Enrollment of High School Graduates Who Are Dependent Family Members, 18 to 24 Years Old, by Family Income: 1982

[**In thousands, except as indicated.** As of **October.** Covers civilian noninstitutional population. Degree creditable enrollment. A dependent family member is a relative of the person maintaining the family other than the spouse. Such persons are generally sons and daughters within the family. Based on Current Population Survey; see text, p. 2]

INCOME CLASS	ALL RACES [1]			WHITE			BLACK		
	Total	In college		Total	In college		Total	In college	
		Number	Percent		Number	Percent		Number	Percent
All income levels	**13,712**	**5,994**	**43.7**	**11,336**	**5,105**	**45.0**	**2,011**	**652**	**32.4**
Under $10,000	1,900	481	25.3	1,048	275	26.2	793	176	22.2
$10,000 to $14,999	1,362	482	35.4	1,026	354	34.5	308	108	35.1
$15,000 to $19,999	1,268	459	36.2	1,004	355	35.4	230	78	33.9
$20,000 to $24,999	1,431	587	41.0	1,196	484	40.5	196	80	40.8
$25,000 to $34,999	2,735	1,179	43.1	2,412	1,038	43.0	268	106	39.6
$35,000 and over	4,196	2,421	57.7	3,931	2,251	57.3	125	70	56.0
Not reported	822	387	47.1	719	348	48.4	89	31	34.8
Median family income (dol.)	26,770	31,739	(X)	29,289	33,772	(X)	12,727	16,699	(X)

X Not applicable. [1] Includes other races, not shown separately.

Source: U.S. Bureau of the Census, unpublished data.

No. 265. Institutions of Higher Education—Number, 1982, and Enrollment, 1970 and 1982, Selected Characteristics, States and Other Areas

[Number of institutions for academic year beginning 1982. Opening fall enrollment of resident and extension students attending full-time or part-time. Excludes students taking courses at home for credit, by mail, radio, or TV, and students in branches of U.S. institutions operated in foreign countries. See Appendix III. For composition of regions, see fig. I, inside front cover]

Region, division, state or other area	1970		1982								
				Enrollment (1,000)							
	Total enrollment (1,000)	First-time freshmen (1,000)	Number of institutions [1]	Total	Male	Female	Public	Private	Full-time	Part-time	First-time freshmen
U.S	**8,580.9**	**2,063.4**	**3,280**	**12,426**	**6,031**	**6,394**	**9,696**	**2,730**	**7,221**	**5,205**	**2,505**
Regions:											
Northeast	1,993.7	461.0	813	2,632	1,246	1,386	1,520	1,113	1,642	990	524
No. Central	2,301.0	554.5	866	3,167	1,559	1,609	2,508	662	1,893	1,275	685
South	2,207.3	546.5	1,044	3,588	1,720	1,866	2,962	625	2,194	1,390	730
West	2,061.8	496.8	546	2,979	1,449	1,528	2,649	329	1,429	1,549	564
N.E	**560.1**	**141.5**	**255**	**769**	**361**	**407**	**391**	**378**	**476**	**291**	**171**
Maine	34.1	10.0	29	48	21	26	33	15	30	18	11
N.H	29.4	7.6	27	52	25	27	26	26	35	17	12
Vt	22.2	6.0	22	31	14	17	18	12	22	8	6
Mass	303.8	76.1	117	408	194	214	178	230	260	147	89
R.I	45.9	10.7	13	68	32	36	35	34	43	25	18
Conn	124.7	31.1	47	162	75	87	101	61	86	76	35
M.A	**1,433.6**	**319.5**	**558**	**1,863**	**885**	**979**	**1,129**	**735**	**1,166**	**699**	**353**
N.Y	806.5	172.1	296	1,012	475	537	573	439	642	371	176
N.J	216.1	56.9	60	322	147	175	256	66	166	156	59
Pa	411.0	90.5	202	529	263	267	300	230	358	172	118
E.N.C	**1,615.9**	**388.7**	**528**	**2,254**	**1,108**	**1,147**	**1,795**	**459**	**1,286**	**968**	**489**
Ohio	376.3	88.4	139	532	277	256	389	143	316	216	116
Ind	192.7	43.3	74	254	129	125	195	59	170	84	61
Ill	452.1	114.8	160	684	321	363	529	155	338	346	129
Mich	392.7	90.8	92	508	245	263	440	68	280	228	115
Wis	202.1	51.4	63	276	136	140	242	34	182	94	68
W.N.C	**685.1**	**165.8**	**338**	**913**	**451**	**462**	**713**	**203**	**607**	**307**	**196**
Minn	160.8	36.7	67	214	103	111	169	46	146	68	42
Iowa	108.9	29.3	60	148	76	72	105	43	113	35	38
Mo	183.9	41.3	92	244	122	122	174	70	152	93	48
N. Dak	31.5	9.4	18	36	19	17	34	3	29	7	9
S. Dak	30.6	7.7	20	35	17	18	26	9	26	9	8
Nebr	66.9	15.3	28	94	47	47	78	17	58	36	22
Kans	102.5	26.1	53	142	67	75	127	15	83	59	29
S.A	**1,070.6**	**277.6**	**536**	**1,787**	**841**	**946**	**1,419**	**367**	**1,062**	**724**	**339**
Del	25.3	8.8	8	32	14	18	28	4	21	12	7
Md	149.6	33.6	57	235	104	130	202	32	113	122	46
D.C	77.2	10.4	18	83	41	42	15	68	48	34	11
Va	151.9	43.4	69	281	128	153	245	36	167	114	41
W. Va	63.2	15.9	29	83	39	44	72	11	52	31	15
N.C	171.9	57.2	128	301	142	159	242	59	201	100	68
S.C	69.5	23.8	62	137	67	70	109	28	98	38	31
Ga	126.5	27.6	80	198	97	102	152	46	136	62	40
Fla	235.5	56.9	85	437	209	228	354	83	226	211	80
E.S.C	**411.6**	**98.8**	**239**	**620**	**294**	**325**	**512**	**108**	**434**	**185**	**140**
Ky	98.6	21.3	57	144	67	77	115	29	98	46	28
Tenn	135.1	29.1	80	202	97	104	155	47	137	65	41
Ala	103.9	25.5	60	168	81	87	147	21	119	49	36
Miss	74.0	22.9	42	106	49	57	95	11	80	25	35
W.S.C	**725.1**	**170.1**	**269**	**1,181**	**585**	**595**	**1,031**	**150**	**698**	**481**	**251**
Ark	52.0	13.5	35	77	37	40	66	11	56	21	18
La	120.7	27.2	32	177	85	91	153	24	120	56	34
Okla	110.2	27.4	45	168	83	85	145	23	97	71	35
Tex	442.2	102.0	157	759	380	379	667	92	425	333	164
Mt	**452.8**	**107.9**	**151**	**690**	**348**	**342**	**611**	**79**	**393**	**297**	**163**
Mont	30.1	7.3	16	37	19	18	33	4	27	10	7
Idaho	34.6	11.6	9	43	22	21	35	8	30	13	10
Wyo	15.2	4.8	8	23	11	11	23	–	14	9	6
Colo	123.4	28.9	47	172	85	87	152	20	108	64	27
N. Mex	44.5	9.4	20	63	31	33	60	3	38	25	10
Ariz	109.6	25.9	29	211	104	107	201	10	96	115	78
Utah	81.7	16.6	14	99	56	43	65	34	66	33	17
Nev	13.7	3.4	8	42	20	22	42	(z)	14	28	8
Pac	**1,609.0**	**388.9**	**395**	**2,289**	**1,101**	**1,186**	**2,038**	**250**	**1,036**	**1,252**	**401**
Wash	183.5	53.3	50	228	110	118	198	30	148	79	27
Oreg	122.2	37.7	45	141	71	70	124	17	89	53	35
Calif	1,257.2	284.8	273	1,843	885	958	1,646	197	762	1,081	329
Alaska	9.5	2.2	15	25	10	14	23	1	7	17	1
Hawaii	36.6	10.9	12	52	25	26	47	5	30	22	9
U.S. military [2]	**17.1**	**4.3**	**11**	**60**	**54**	**6**	**60**	**–**	**60**	**(z)**	**4**
Other [3]	**67.3**	**16.2**	**45**	**163**	**67**	**96**	**66**	**97**	**133**	**30**	**45**
P. Rico	63.1	15.5	39	153	63	91	57	97	127	26	42
Guam	2.7	.6	2	5	2	3	5	–	3	2	2
Virgin Is	1.4	.2	1	3	1	2	3	–	1	2	(z)

– Represents zero. Z Less than 500. [1] Branch campuses counted separately. [2] Military academies.
[3] Includes American Samoa and Trust Territory, not shown separately.

Source: U.S. National Center for Education Statistics, *Fall Enrollment in Higher Education,* annual; and *Education Directory: Colleges and Universities,* annual.

NO. 266. INSTITUTIONS OF HIGHER EDUCATION—FINANCES: 1970 TO 1981

[**In millions of dollars.** For fiscal years ending in year shown. For coverage, see headnote, table 257. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 729-738 and H 747-749]

ITEM	1970	1975	1977	1978	1979	1980	1981		
							Total	Public	Private
Current funds revenues	**21,515**	**35,687**	**43,437**	**47,034**	**51,838**	**58,520**	**65,585**	**43,196**	**22,389**
Educational and general	16,486	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
Tuition and fees	4,420	7,233	9,025	9,855	10,704	11,930	13,773	5,570	8,203
Federal Government	2,682	4,991	5,730	6,113	6,844	7,772	8,479	5,470	3,009
State government	5,788	10,857	13,286	14,746	16,364	18,378	20,106	19,676	430
Local government	775	1,424	1,627	1,744	1,573	1,588	1,791	1,623	168
Endowment earnings	447	718	765	832	985	1,177	1,364	215	1,150
Private gifts, grants, and contracts [1]	1,001	1,745	2,105	2,320	2,489	2,808	3,177	1,100	2,077
Related activities [2]	1,373	555	779	883	1,037	1,239	1,410	944	466
Auxiliary enterprises	2,900	4,080	4,920	5,328	5,741	6,481	7,287	4,615	2,673
Other funds revenues	2,129	4,083	5,201	5,212	6,100	7,146	8,198	3,984	4,214
Plant funds [3]	(NA)	3,311	3,417	3,293	3,676	4,382	4,774	3,199	1,575
Increase in fund balance	368	486	1,117	1,032	1,373	2,153	2,793	670	2,124
Endowment	368	229	802	758	1,100	1,874	2,493	564	1,930
Annuity and life income	(NA)	26	52	45	69	64	56	3	53
Loans	(NA)	231	263	229	203	215	244	103	141
Current funds expenditures [4]	**21,403**	**35,058**	**42,600**	**45,971**	**50,721**	**56,914**	**64,053**	**42,280**	**21,773**
Educational and general		27,548	33,152	36,257	39,833	44,543	50,074	34,173	15,901
Instruction		11,798	14,031	15,336	16,663	18,497	20,733	14,850	5,883
Institutional support		3,057	3,762	4,142	4,557	5,054	5,773	3,563	2,209
Research		3,132	3,600	3,920	4,448	5,099	5,658	3,813	1,844
Plant operation [5]		2,787	3,437	3,795	4,179	4,700	5,350	3,682	1,668
Academic support		2,256	2,795	3,130	3,471	3,876	4,273	3,029	1,244
Libraries		1,002	1,250	1,349	1,427	1,624	1,759	1,187	573
Student services	(NA)	1,439	1,828	2,035	2,275	2,567	2,909	1,951	958
Scholarships and fellowships		1,450	1,770	1,839	1,945	2,200	2,505	1,065	1,440
Unrestricted funds		632	749	818	883	905	1,081	367	713
Restricted funds		818	1,021	1,021	1,061	1,296	1,424	697	727
Public service		1,098	1,343	1,425	1,593	1,817	2,058	1,719	339
Mandatory transfers		532	585	634	703	732	815	501	314
Auxiliary enterprises [4]		4,074	4,858	5,261	5,750	6,486	7,288	4,658	2,629
Hospitals [4]		2,351	3,155	3,598	4,131	4,757	5,433	3,378	2,055
Independent operations [4]		1,087	1,435	855	1,007	1,126	1,258	71	1,187
Gross addition to plant value [6]	**4,233**	**4,761**	**4,623**	**4,527**	**4,576**	**5,551**	**6,471**	**4,279**	**2,192**
Value of plant (grounds, buildings, equipment)	**42,094**	**62,183**	**70,739**	**74,771**	**78,638**	**83,733**	**88,761**	**60,202**	**28,559**
Endowment (book value) [7]	**10,854**	**13,403**	**14,747**	**15,568**	**16,804**	**18,561**	**20,941**	**4,126**	**16,815**

NA Not available. X Not applicable. [1] Private grants represent nongovernmental revenue for sponsored research and other sponsored programs. Beginning 1975, includes private contracts. [2] 1970 represents related activities, sales and services of educational departments, and other miscellaneous; beginning 1975, sales and services of educational departments only. [3] *Beginning 1975, annual net increase in plant funds.* [4] Includes mandatory transfers which are primarily current expenditures for plant. [5] Includes maintenance. [6] Includes expenditures from current funds for plant expansion. [7] Includes funds functioning as endowment funds.

Source: U.S. National Center for Education Statistics, *Financial Statistics of Institutions of Higher Education*, annual.

NO. 267. HIGHER EDUCATION PRICE INDEXES: 1965 TO 1982

[**1967=100.** For years ending **June 30.** Reflects prices paid by colleges and universities. For explanation of average annual percent change, see Guide to Tabular Presentation]

YEAR	Index, total	Average annual percent change [1]	PERSONNEL COMPENSATION				CONTRACTED SERVICES, SUPPLIES, AND EQUIPMENT					
			Total	Professional salaries	Nonprofessional salaries	Fringe benefits	Total	Services	Supplies and materials	Equipment	Books, periodicals	Utilities
1965	91	4.3	89	89	94	78	96	95	96	95	91	100
1970	121	5.9	124	121	118	146	111	113	106	111	121	104
1972	136	5.6	138	133	136	180	126	126	113	119	164	122
1973	143	5.3	146	138	144	198	132	132	116	123	177	129
1974	153	7.1	155	145	153	222	145	138	132	131	195	158
1975	166	8.6	166	154	166	241	169	150	164	154	220	203
1976	177	6.6	176	162	179	267	180	157	172	163	252	219
1977	189	6.5	187	169	192	295	195	167	181	172	268	258
1978	201	6.7	199	173	207	324	209	176	188	183	286	293
1979	217	7.7	215	189	223	367	226	187	203	198	316	321
1980	236	9.9	232	202	243	409	261	202	239	216	364	409
1981	264	10.7	255	220	266	460	299	225	270	237	400	508
1982	290	9.9	279	239	287	528	331	251	284	255	432	589

[1] Change from immediate prior year shown.

Source: U.S. National Institute of Education, *Higher Education Prices and Price Indexes, 1978*, with annual supplements; National Association of College and University Business Officers, *The Business Officer*, October 1980; beginning 1981, Research Associates of Washington, *Higher Education Prices and Price Indexes*, annual.

NO. 268. INSTITUTIONS OF HIGHER EDUCATION—CHARGES: 1965 TO 1984

[**In dollars.** Estimated. Data are for the entire academic year. Figures for 1965 and 1970 are average charges for full-time resident degree-credit students; figures for later years are average charges per full-time equivalent students. Room and board are based on full-time students]

ACADEMIC YEAR ENDING AND CONTROL	TUITION AND REQUIRED FEES				BOARD RATES				DORMITORY CHARGES			
	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools
1965: Public	243	99	298	224	436	361	462	402	271	178	291	241
Private	1,088	702	1,297	1,023	488	464	515	479	331	289	390	308
1970: Public	323	176	427	306	511	465	540	483	370	308	395	347
Private	1,533	1,034	1,809	1,469	562	547	608	543	436	413	500	409
1975: Public	432	277	*599*	*446*	*625*	*638*	*634*	*613*	*506*	*424*	527	*497*
Private	2,117	1,367	2,614	1,954	700	660	771	666	586	564	691	536
1979: Public	543	327	777	622	796	837	823	764	655	527	689	641
Private	2,867	1,831	3,487	2,771	889	858	1,000	851	758	700	961	704
1980: Public	583	355	840	662	867	894	898	833	715	572	749	703
Private	3,130	2,062	3,811	3,020	955	924	1,078	911	827	769	999	768
1981: Public	633	385	915	721	940	1,000	969	904	798	635	827	795
Private	3,498	2,413	4,275	3,390	1,053	997	1,208	999	917	880	1,083	860
1982: Public	721	432	1,042	813	1,038	1,088	1,067	1,003	909	697	970	885
Private	3,972	2,697	4,887	3,855	1,175	1,118	1,326	1,124	1,037	1,025	1,226	970
1983: Public	798	473	1,164	936	1,136	1,162	1,167	1,103	1,010	755	1,072	993
Private	4,439	3,008	5,583	4,329	1,300	1,179	1,501	1,234	1,181	1,177	1,453	1,093
1984: Public [1]	870	510	1,270	1,020	1,210	1,240	1,250	1,180	1,080	810	1,150	1,060
Private [1]	4,880	3,300	6,140	4,750	1,390	1,260	1,610	1,320	1,270	1,260	1,560	1,160
Average annual percent change, public:												
1965–1970	5.9	12.5	7.5	6.4	3.2	5.2	3.2	3.7	6.4	11.6	6.3	7.6
1970–1975	6.0	9.3	7.0	7.9	4.1	6.5	3.3	4.9	6.5	6.6	5.9	7.5
1975–1980	6.2	5.1	7.0	8.1	6.8	7.0	7.2	6.3	7.2	6.2	7.3	7.2
1980–1984	10.5	9.5	10.9	11.4	8.7	8.5	8.6	9.1	10.9	9.1	11.3	10.8

[1] Preliminary estimate.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual.

NO. 269. MAJOR FEDERAL STUDENT FINANCIAL ASSISTANCE PROGRAMS—TYPE OF PROGRAM, NUMBER OF RECIPIENTS, AND FUNDS UTILIZED: 1970 TO 1984

[For years ending **June 30,** except College Work-Study for calendar year **1970** and, beginning **1977,** Guaranteed Student Loan as of **September 30.** For information on various programs, see source. Funds utilized exclude operating costs, etc. and represent funds given to stude-' .]

PROGRAM	Unit	1970	1975	1977	1978	1979	1980	1981	1982	1983,[1] prel.	1984,[2] proj.
Pell Grants: [3]											
Number of recipients	1,000	(X)	573.4	1,945.4	1,864.0	1,893.0	2,537.9	2,650.0	2,606.0	2,322.0	2,100.0
Funds utilized	Mil. dol	(X)	357	1,474	1,588	1,561	2,505	2,400	2,419	2,419	2,664
Average grant	Dollars	(X)	621	757	852	825	987	906	928	1,042	1,269
Supplemental Educational Opportunity Grants: [4]											
Number of recipients	1,000	258.2	395.0	449.0	499.0	510.0	606.0	657.7	654.3	546.0	–
Funds utilized	Mil. dol	113	200	244	243	266	336	367	352	355	–
Average grant	Dollars	440	506	543	489	522	555	558	538	650	–
National Direct Student Loans:											
Number of recipients	1,000	456.0	680.0	764.0	795.1	808.6	958.2	803.9	810.0	860.0	688.0
Loan funds utilized [5]	Mil. dol	246	440	560	615	640	650	685	695	[6] 684	[6] 550
Average loan	Dollars	540	647	732	773	792	679	852	858	(NA)	(NA)
Loans in default	Mil. dol	(NA)	(NA)	582	702.5	731.7	824.4	887.9	1,024.7	(NA)	(NA)
Default rate [7]	Percent	(NA)	(NA)	16.9	17.4	16.0	16.1	15.7	[8] 15.9	(NA)	(NA)
College Work-Study:											
Number of recipients	1,000	385.0	570.0	697.0	845.3	852.5	925.6	739.1	705.9	885.0	1,155.0
Funds utilized [5]	Mil. dol	173	295	436	469	488	601	591	564	590	850
Average annual earnings	Dollars	450	518	626	555	573	650	800	800	666	736
Guaranteed Student Loans:											
Number of loans	1,000	863.0	990.4	972.6	1,084.7	1,509.5	2,314.2	3,539.9	2,789.0	3,290.0	3,415.0
Loan funds utilized	Mil. dol	811	1,298	1,537	1,959	2,984	4,840	7,824	6,199	7,362	7,457
Average loan	Dollars	940	1,310	1,580	1,805	1,976	2,091	2,210	2,222	2,238	2,187
Loans in default	Mil. dol	(NA)	(NA)	797	1,004	1,226	1,439	1,694	1,984	(NA)	(NA)
Default rate [7]	Percent	(NA)	(NA)	10.3	11.0	11.5	12.5	12.3	11.5	(NA)	(NA)

– Represents zero. NA Not available. X Not applicable. [1] Data reflect funding levels proposed under a Continuing Resolution in effect Dec. 21, 1982 and are subject to change. [2] Assumes implementation of the 1984 fiscal year President's budget proposals. [3] Prior to Oct. 1, 1980, the Basic Opportunity Grant Program. [4] For 1970, data represents Educational Opportunity Grants Program. [5] Includes institutional matching funds. [6] Represents total money available for disbursements. [7] Loans in default as a percent of cumulative matured loans. [8] Preliminary and partially edited.

Source: U.S. Dept. of Education, Office of Student Financial Assistance, *Program Book,* 1982, and unpublished data.

NO. 270. PERCENT OF ASPIRING POSTSECONDARY STUDENTS WHO APPLIED FOR FINANCIAL AID, BY CHARACTERISTIC: 1980

[Based on sample and subject to sampling error. For details, see source]

CHARACTERISTIC	Percent [1]	CHARACTERISTIC	Percent [1]
Total	51	Parental savings—Con.	
Family income: $0-$12,000	63	$3,001 to $6,000	47
$12,001-$18,000	56	More than $6,000	36
$18,001-$30,000	53	Number of major Federal financial aid programs known to parents: None	19
$30,001-$48,000	50	One	43
Over $48,000	35	Two	51
		Three	59
Family net worth: [2] −$5,000 or more [3]	52	Four	69
−$4,999 [3] to $99	62		
$100 to $9,999	56	High school grades: A	71
$10,000 to $49,000	44	A-B	57
More than $50,000	32	B	49
		B-C	41
Expected living expenses: None	30	C or lower	33
Less than $1,000	56		
$1,000 to $1,999	66	Educational aspiration: Vocational training	33
$2,000 to $2,999	68	Some college	43
$3,000 to $3,999	57	B.A. degree	58
$4,000 or more	50	M.A. or professional degree	63
Parental savings for education: None	51	Race/ethnicity: White [4]	48
Less than $1,000	62	Black [4]	69
$1,000 to $3,000	53	Hispanic	52
		Other	48

[1] Percent of students applying for aid in each specified group. [2] Difference between total assets (including home equity) and total liabilities. [3] Minus sign (−) indicates in debt. [4] Non-Hispanic.

Source: U.S. National Center for Educational Statistics, Bulletin, "Who Applied for Student Financial Aid?" January 1983.

NO. 271. VOLUNTARY FINANCIAL SUPPORT OF HIGHER EDUCATION: 1965 TO 1982

[For school years ending in years shown; enrollment as of fall of preceding year. Voluntary support, as defined in *Gift Reporting Standards*, excludes income from endowment and other invested funds as well as all support received from Federal, State, and local governments and their agencies]

ITEM	Unit	1965	1970	1975	1977	1978	1979	1980	1981	1982
Estimated support, total [1]	**Mil. dol**	**1,400**	**1,780**	**2,160**	**2,670**	**3,040**	**3,230**	**3,800**	**4,230**	**4,860**
Foundations	Mil. dol	402	484	497	558	623	701	903	922	1,003
Individuals	Mil. dol	628	822	1,002	1,284	1,480	1,521	1,757	2,056	2,337
Alumni	Mil. dol	280	381	486	638	714	785	910	1,049	1,240
Business corporations	Mil. dol	196	269	357	446	508	556	696	778	976
Religious denominations	Mil. dol	101	102	112	136	158	161	155	140	175
Current operations	Mil. dol	603	951	1,370	1,620	1,825	2,010	2,250	2,590	2,870
Capital purposes	Mil. dol	797	829	790	1,050	1,215	1,220	1,550	1,640	1,990
Enrollment, higher education	1,000	(NA)	8,005	10,224	11,121	11,415	11,392	11,707	12,097	12,372
Support per student	Dollars	(NA)	222	211	240	266	284	326	350	393
In 1967 dollars	Dollars	(NA)	196	137	136	141	138	140	135	140
Expenditures, higher education	Bil. dol	(NA)	24.7	38.9	45.5	50.0	54.0	58.5	66.6	73.1
Expenditures per student	Dollars	(NA)	3,090	3,805	4,090	4,380	4,740	4,997	5,671	5,909
In 1967 dollars	Dollars	(NA)	2,730	2,460	2,325	2,324	2,297	2,153	2,185	2,104
Institutions reporting support	Number	1,064	1,045	986	1,006	1,065	972	1,019	928	1,101
Total support reported	**Mil. dol**	**1,245**	**1,472**	**1,675**	**2,139**	**2,348**	**2,556**	**3,055**	**3,318**	**4,086**
Private 4-year institutions	Mil. dol	1,032	1,154	1,227	1,559	1,702	1,823	2,178	2,367	2,835
Public 4-year institutions	Mil. dol	195	292	431	562	623	715	856	929	1,217
Junior colleges	Mil. dol	18	26	17	18	23	18	20	21	34

NA Not available. [1] Includes other contributions not shown separately.

Source: Council for Financial Aid to Education, New York, N.Y., *Voluntary Support of Education*, annual.

NO. 272. INSTITUTIONS OF HIGHER EDUCATION—AVERAGE SALARIES AND FRINGE BENEFITS FOR FACULTY MEMBERS, BY TYPE OF CONTROL: 1970 TO 1983

[**In thousands of dollars.** For academic year ending in year shown. Figures are for 9 months teaching for full-time faculty members in four-year colleges and universities]

TYPE OF CONTROL AND ACADEMIC RANK	AVERAGE SALARIES						AVERAGE FRINGE BENEFITS					
	1970	1975	1980	1981	1982	1983	1970	1975	1980	1981	1982	1983
Public: All ranks	13.1	16.6	22.1	23.9	26.2	28.6	1.9	2.5	3.9	4.7	5.1	5.5
Professor	17.3	21.7	28.8	31.0	33.7	36.0	2.4	3.1	5.0	6.0	6.5	6.8
Associate professor	13.2	16.7	21.9	23.4	25.7	27.5	2.1	2.7	3.9	4.6	5.0	5.4
Assistant professor	10.9	13.7	18.0	19.2	21.2	22.6	1.8	2.3	3.2	3.7	4.1	4.4
Instructor	9.1	11.2	14.8	15.1	16.7	17.7	1.4	1.8	2.5	2.8	3.1	3.3
Private: All ranks	13.1	16.6	22.1	24.4	26.8	29.2	2.2	2.8	4.1	4.9	5.4	5.9
Professor	17.8	22.4	30.1	32.7	35.8	38.8	3.2	4.1	5.8	6.7	7.5	8.1
Associate professor	12.6	16.0	21.0	23.1	25.4	27.5	2.1	2.7	3.9	4.5	5.2	5.6
Assistant professor	10.3	13.0	17.0	18.4	20.4	22.1	1.6	2.1	2.9	3.4	3.8	4.2
Instructor	8.6	10.9	13.3	14.4	15.9	17.6	1.2	1.5	2.0	2.3	2.6	3.1

Source: Maryse Eymonerie Associates, McLean, Virginia. Data derived from the American Association of University Professors, Washington, D.C., *Annual Report on the Economic Status of the Profession.*

No. 273. Institutions of Higher Education—Tenure Status of Full-Time Faculty, by Type of Institution and Rank of Faculty: 1982

[Data are for those institutional units of higher education reporting tenure status]

Type of institution and status	All institutions [1]	University	Other 4-yr. schools	2-yr. schools	Professor	Associate professor	Assistant professor	Instructor	Lecturer
PUBLIC INSTITUTIONS									
Total faculty	290,688	91,432	114,176	85,080	76,423	69,450	64,252	20,560	5,304
With tenure	182,593	60,609	74,004	48,520	72,779	58,277	20,173	2,196	664
Percent	62.8	65.7	64.8	57.0	95.2	83.9	31.4	10.7	12.5
PRIVATE INSTITUTIONS									
Total faculty	110,888	33,378	71,777	5,733	32,171	28,739	31,660	9,861	1,132
With tenure	54,707	20,026	33,776	905	28,538	20,070	4,884	288	16
Percent	49.3	60.0	47.1	15.8	88.7	69.8	15.4	2.9	1.4

[1] Includes instructional faculty with no academic rank, not shown separately.

Source: U.S. National Center for Education Statistics, *Faculty, Salaries, Tenure and Benefits: 1981-82.*

No. 274. Monthly Salary Offers to Candidates for Degrees: 1975 to 1982

[**In dollars.** Data are average beginning salaries based on offers made by business, industrial, government, and nonprofit and educational employers to graduating students. Data from representative colleges throughout U.S.]

Field of study	Bachelor's				Master's [1]				Doctor's			
	1975	1980	1981	1982	1975	1980	1981	1982	1975	1980	1981	1982
Accounting	981	1,293	1,418	1,545	(NA)	1,517	1,647	1,847	(NA)	(NA)	(NA)	(NA)
Business, general [2]	843	1,218	1,356	1,477	1,250	1,795	2,000	2,135	(NA)	(NA)	(NA)	(NA)
Marketing [3]	801	1,145	1,265	1,370	(NA)	1,794	1,984	2,099	(NA)	(NA)	(NA)	(NA)
Engineering:												
Civil	1,064	1,554	1,775	1,925	1,183	1,753	2,033	2,249	1,382	2,089	2,523	2,851
Chemical	1,196	1,801	2,030	2,256	1,310	1,947	2,207	2,459	1,645	2,452	2,745	3,019
Electrical [4]	1,081	1,690	1,882	2,064	1,228	1,912	2,138	2,369	1,550	2,534	2,793	3,099
Mechanical	*1,122*	*1,703*	*1,908*	*2,098*	*1,274*	*1,893*	*2,125*	*2,332*	1,624	2,426	2,659	2,959
Nuclear [5]	(NA)	1,668	1,870	2,039	(NA)	1,831	2,056	2,300	(NA)	(NA)	(NA)	(NA)
Petroleum	(NA)	1,987	2,221	2,539	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Engineering technology	1,012	1,585	1,808	1,958	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemistry	956	1,459	1,637	1,751	1,118	1,688	1,967	1,987	1,503	2,261	2,481	2,719
Mathematics	915	1,475	1,624	1,777	1,138	1,685	1,929	2,162	1,523	2,199	2,573	2,544
Physics	(NA)	(NA)	(NA)	(NA)	1,216	(NA)	(NA)	(NA)	1,473	2,303	2,612	2,785
Humanities	723	1,074	1,204	1,283	931	1,309	1,406	1,512	(NA)	(NA)	(NA)	(NA)
Social sciences [6]	770	1,072	1,166	1,286	953	1,298	1,417	1,552	(NA)	(NA)	(NA)	(NA)
Computer science	975	1,558	1,726	1,908	1,169	1,858	2,057	2,267	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Candidates with 1 year or less of full-time nonmilitary employment. [2] For master's degrees, offers are after nontechnical undergraduate degree. [3] Includes distribution. [4] Beginning 1980, includes computer engineering. [5] Includes engineering physics. [6] Beginning 1980, excludes economics.

Source: College Placement Council, Inc., Bethlehem, Pa., *A Study of Beginning Offers*, annual. (Copyright.)

No. 275. Earned Degrees Conferred, by Level of Degree: 1950 to 1981

[**In thousands, except percent.** Except as noted, includes Puerto Rico; beginning 1960 includes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970,* series H 751-763, for similar data. See also Appendix III]

Year	Total		Bachelor's [1]		Master's		Doctorates		Percent of total		
	Number	Percent male	Male	Female	Male	Female	Male	Female	Bachelor's [1]	Master's	Doctorates
1950	499	75.6	330	104	41	17	6.0	.6	87.0	11.7	1.3
1955	354	65.0	184	104	39	19	8.0	.8	81.1	16.4	2.5
1960	479	65.8	256	139	51	24	6.8	1.0	82.4	15.5	2.1
1965	668	61.5	320	219	76	36	14.7	1.8	80.7	16.8	2.5
1970	1,073	59.6	487	346	126	83	25.9	4.0	77.7	19.5	2.8
1973	1,280	58.7	568	412	155	110	28.6	6.2	76.6	20.7	2.7
1974	1,321	58.0	580	429	158	120	27.4	6.5	76.4	21.1	2.6
1975	1,316	56.8	558	430	162	132	26.8	7.3	75.1	22.3	2.6
1976	1,345	56.2	562	436	168	145	26.3	7.8	74.2	23.3	2.5
1977	1,344	55.4	552	441	168	150	25.2	8.1	73.9	23.7	2.5
1978	1,342	54.3	544	454	162	151	23.7	8.5	74.3	23.3	2.4
1979	1,335	53.3	534	466	154	148	23.6	9.2	74.9	22.6	2.5
1980 [2]	1,330	52.6	526	473	151	147	22.9	9.7	75.1	22.4	2.5
1981 [2]	1,336	51.8	523	484	147	149	22.7	10.2	75.4	22.2	2.5

[1] Includes 1st professional degrees. [2] Data for 50 States and D.C.

Source: U.S. National Center for Education Statistics, *Earned Degrees Conferred,* annual.

NO. 276. EARNED DEGREES CONFERRED, BY FIELD OF STUDY, 1975 TO 1981, AND BY LEVEL OF DEGREE AND SEX, 1981

MAJOR FIELD OF STUDY	BACHELOR'S [1] (1,000)							MASTER'S, 1981		DOCTORATES, 1981	
	1975	1977	1978	1979	1980	1981					
						Total	Male	Total	Male	Total	Male
All fields	**922.9**	**919.5**	**921.2**	**921.4**	**929.4**	**935.1**	**469.9**	**295,739**	**147,043**	**32,958**	**22,711**
Agriculture	17.5	21.5	22.7	23.1	22.8	21.9	15.2	4,003	3,061	1,067	940
Animal science	3.4	4.1	4.1	4.0	3.7	3.7	2.0	441	321	151	137
Forestry	2.6	2.7	2.7	2.5	2.4	2.1	1.7	491	408	109	100
All other	11.5	14.7	15.9	16.6	16.7	16.0	11.4	3,071	2,332	807	703
Architecture	8.2	9.2	9.3	9.3	9.1	9.5	6.8	3,153	2,234	93	73
Area studies	3.0	3.0	2.9	2.6	2.5	2.6	1.0	742	359	157	100
Biological sciences	51.7	53.6	51.5	48.8	46.4	43.2	24.1	5,978	3,654	3,718	2,666
Biology, general	38.7	39.5	37.8	36.0	33.5	31.3	17.3	2,598	1,619	734	502
Zoology, general	5.6	5.0	4.5	4.1	3.7	3.3	2.1	386	244	222	164
All other	7.4	9.1	9.4	8.8	9.2	8.6	4.8	2,994	1,791	2,762	2,000
Business and management	133.8	152.1	161.3	172.9	186.7	200.9	127.1	58,018	43,505	845	720
Business management and administration	38.9	47.4	51.0	57.0	61.6	68.6	45.1	33,786	25,738	431	359
Business, commerce, general	31.2	30.2	31.9	32.2	34.5	36.7	23.0	8,900	6,607	122	107
Accounting	31.1	39.2	40.1	41.4	42.7	43.3	26.3	3,449	2,415	56	48
All other	32.6	35.4	38.3	42.3	47.9	52.2	32.6	11,883	8,745	236	206
Communications	19.2	23.2	25.4	26.5	28.6	31.3	14.2	3,105	1,448	182	107
Computer and information sciences	5.0	6.4	7.2	8.7	11.2	15.1	10.2	4,218	3,247	252	227
Education	167.0	143.7	136.1	126.0	116.1	108.3	27.1	98,381	28,080	7,900	4,164
Elementary, general	68.7	53.0	49.3	44.8	42.0	38.5	3.5	13,833	1,537	224	67
Physical	24.6	23.3	22.7	21.2	20.3	19.1	9.5	4,219	2,244	222	139
Industrial arts	7.5	7.6	7.4	6.9	6.5	5.8	5.0	2,436	1,634	265	174
Music	8.0	7.6	7.4	6.7	6.2	5.3	2.3	1,127	517	68	40
Special education, general	7.8	8.5	8.5	8.7	8.9	8.8	.7	9,482	1,337	207	77
Other education fields	50.4	43.5	40.8	37.7	34.1	30.7	6.0	67,284	20,811	6,914	3,667
Engineering	46.9	49.3	55.7	62.4	68.9	75.0	67.3	16,709	15,347	2,561	2,457
Chemical	3.1	3.5	4.6	5.6	6.3	6.5	5.3	1,267	1,104	300	287
Petroleum	.3	.4	.6	.8	.9	1.0	.9	138	125	16	16
Civil	7.7	8.2	9.1	9.8	10.3	10.7	9.6	2,891	2,684	325	316
Electrical	10.2	9.9	11.1	12.3	13.8	14.9	13.8	3,901	3,680	535	515
Mechanical	6.9	7.7	8.9	10.1	11.8	13.3	12.2	2,291	2,175	276	269
All other	18.8	19.5	21.4	23.8	25.7	28.5	25.5	6,221	5,579	1,109	1,054
Fine and applied arts	40.8	41.8	41.0	41.0	40.9	40.5	14.8	8,629	4,056	654	396
Art [2]	16.2	16.3	15.9	15.3	15.2	14.5	4.4	2,458	1,057	121	37
Music [3]	8.7	9.2	9.0	9.0	9.0	8.7	4.1	3,332	1,689	381	271
Dramatic arts	5.5	5.2	5.0	5.0	5.2	5.3	2.1	1,275	635	97	62
All other	10.5	11.1	11.0	11.6	11.6	12.0	4.2	1,564	675	55	26
Foreign languages	17.6	13.9	12.7	11.8	11.1	10.3	2.5	2,104	694	588	274
Health professions	49.1	57.3	59.4	62.1	63.9	63.6	10.5	16,515	4,316	842	475
Nursing	23.7	28.4	30.0	31.4	32.4	32.8	1.7	5,096	197	113	4
Pharmacy	6.3	7.5	7.3	6.8	7.0	6.6	3.7	336	216	108	91
Medical lab. technology	5.0	5.3	5.2	5.2	5.1	4.9	.9	233	83	1	-
All other	14.0	16.1	16.9	18.7	19.4	19.3	4.3	10,850	3,820	620	380
Home economics	16.8	17.4	17.6	18.3	18.4	18.4	.9	2,570	252	247	78
Law (excl. first professional)	.4	.6	.6	.7	.7	.8	.4	1,832	1,506	60	56
Letters	57.6	47.1	44.3	42.0	40.6	40.0	16.1	8,301	3,229	1,790	1,010
Library sciences	1.1	.8	.7	.6	.4	.4	(z)	4,859	841	71	31
Mathematical subjects	18.2	14.2	12.6	11.8	11.4	11.1	6.3	2,567	1,692	728	614
Military sciences	.3	.9	.4	.3	.3	.3	.3	43	43	-	-
Physical sciences	20.8	22.5	23.0	23.2	23.4	24.0	18.1	5,284	4,200	3,141	2,765
Chemistry, general	10.4	11.1	11.2	11.5	11.2	11.3	7.9	1,557	1,113	1,501	1,273
Physics, general	3.6	3.4	3.3	3.3	3.3	3.4	3.0	1,287	1,175	861	800
Geology	3.2	3.7	4.2	4.3	4.4	5.0	3.7	1,275	980	237	210
All other	3.5	4.3	4.2	4.1	4.5	4.3	3.4	1,165	932	542	482
Psychology	51.0	47.4	44.6	42.5	42.0	40.8	14.3	7,998	3,358	2,955	1,681
Public affairs and services	28.2	36.3	37.2	38.2	37.6	36.3	15.3	20.074	8,957	433	260
Social sciences	135.7	117.4	113.2	108.3	103.9	100.6	56.2	11,917	7,442	3,119	2,272
History	31.5	25.4	23.0	21.0	19.3	18.3	11.4	2,237	1,330	643	444
Sociology	31.5	24.7	22.8	20.3	18.9	17.3	5.2	1,240	590	610	371
Political science, government	29.1	26.4	26.1	25.6	25.5	25.0	15.8	1,875	1,342	484	388
Social sciences, general	13.8	10.8	11.3	10.4	8.5	8.2	4.0	1,169	686	69	53
Economics	14.0	15.3	15.7	16.4	17.9	18.8	13.0	1,911	1,467	727	627
All other	15.8	14.7	14.5	14.6	13.9	13.2	6.7	3,465	2,027	586	389
Theology	4.8	6.1	6.3	6.1	6.2	5.8	4.4	4,220	2,801	1,276	1,175
Theological professions, general	2.8	3.9	4.0	3.8	3.7	3.7	3.2	2,499	1,879	1,195	1,104
Religious education	1.4	1.6	1.7	1.7	1.9	1.5	.8	1,277	623	28	25
All other	.7	.7	.6	.6	.6	.6	.4	444	299	53	46
Interdisciplinary studies [4]	28.2	33.9	35.6	34.2	34.5	34.5	16.9	4,519	2,721	279	170

- Represents zero. Z Less than 50. [1] Requiring 4 or 5 years. [2] Includes history and appreciation. [3] Includes performing and liberal arts, history, and appreciation. [4] Comprises general liberal arts and sciences, biological and physical sciences, humanities and social sciences, engineering, and other disciplines.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 277. Degrees Conferred in Selected Professions: 1950 to 1981

[First professional degrees for medicine, dentistry, and law. As of spring. See Appendix III]

Type of degree and sex of recipient	1950	1955	1960	1965	1970	1975	1977	1978	1979	1980	1981
Medicine (M.D.):											
Institutions conferring degrees	72	72	79	81	86	104	109	109	109	112	116
Degrees conferred, total	5,612	7,014	7,032	7,304	8,314	12,447	13,461	14,279	14,786	14,902	15,505
Men	5,028	6,683	6,645	6,832	7,615	10,818	10,891	11,210	11,381	11,416	11,672
Women	584	331	387	472	699	1,629	2,570	3,069	3,405	3,486	3,833
Dentistry (D.D.S. or D.M.D.):											
Institutions conferring degrees	40	42	45	45	48	52	57	57	58	58	58
Degrees conferred, total	2,579	3,099	3,247	3,107	3,718	4,773	5,138	5,189	5,434	5,258	5,460
Men	2,561	3,071	3,221	3,085	3,684	4,627	4,764	4,623	4,794	4,558	4,672
Women	18	28	26	22	34	146	374	566	640	700	788
Law (LL.B. or J.D.):											
Institutions conferring degrees	(NA)	128	134	134	145	154	169	169	175	179	177
Degrees conferred, total	(NA)	8,209	9,240	11,583	14,916	29,296	34,104	34,402	35,206	35,647	36,331
Men	(NA)	7,921	9,010	11,216	14,115	24,881	26,447	25,457	25,180	24,893	24,563
Women	(NA)	288	230	367	801	4,415	7,657	8,945	10,026	10,754	11,768
Engineering:											
Degrees conferred, total	57,159	27,527	45,624	50,664	63,753	65,308	68,114	74,492	80,376	87,643	94,270
Men	56,968	(NA)	45,453	(NA)	63,227	63,853	65,103	69,861	74,168	80,001	85,105
Women	191	(NA)	171	(NA)	526	1,455	3,011	4,631	6,208	7,642	9,165
Bachelor's	52,246	22,445	37,679	36,495	44,479	46,852	49,283	55,654	62,375	68,893	75,000
Master's	4,496	4,483	7,159	12,055	15,593	15,348	16,245	16,398	15,495	16,243	16,709
Doctorates	417	599	786	2,124	3,681	3,108	2,586	2,440	2,506	2,507	2,561

NA Not available.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual.

No. 278. Earned Degrees Below Bachelor's, by Curriculum: 1971 to 1981

[**In thousands, except percent.** Includes Puerto Rico and outlying areas. Covers associate degrees and other awards based on post-secondary curriculums of less than 4 years in institutions of higher education]

Type of curriculum	1971	1974	1975	1976	1977	1978	1979	1980	1981	Percent female	
										1971	1981
All degrees	**303.4**	**429.7**	**448.5**	**487.7**	**511.0**	**524.0**	**515.4**	**512.9**	**533.9**	**44.5**	**54.3**
Arts, science (incl. general programs)	150.0	169.2	171.4	174.7	176.0	172.0	162.7	159.6	159.1	43.2	54.3
Occupational [1]	153.5	260.5	277.2	313.0	334.5	352.0	352.7	353.3	374.8	45.7	54.3
Science and engineering	*87.7*	*147.3*	*159.0*	*174.8*	*186.4*	*194.3*	*193.5*	*193.5*	*214.8*	*42.0*	*47.7*
Health services	34.5	70.3	76.7	83.5	88.0	90.6	90.0	86.6	86.8	91.6	89.0
Nursing, R.N.	14.4	28.7	32.4	34.3	35.9	36.8	35.9	35.7	35.6	95.8	93.6
Mechanical and engineering	37.4	52.6	56.3	63.3	68.1	71.6	71.3	72.5	89.3	1.4	8.2
Natural science	7.0	16.4	18.0	19.5	20.9	21.2	19.7	19.2	19.6	22.8	40.0
Data processing	8.7	8.0	7.9	8.5	9.4	10.8	12.5	15.1	19.0	35.6	52.8
Business and commerce	51.0	80.5	83.0	96.8	105.7	115.9	121.3	124.5	127.1	54.0	65.9
Secretarial	16.5	27.3	27.5	29.0	30.8	32.8	34.2	33.3	31.7	98.3	98.4
Public service	14.8	32.8	35.2	41.4	42.4	41.9	37.9	35.3	33.0	38.8	52.9
Police and corrections	6.9	15.9	17.0	20.3	20.0	19.3	16.0	14.5	12.6	6.1	29.0

[1] 1971 excludes degrees below the technical or semiprofessional level.

Source: U.S. National Center for Education Statistics, *Associate Degrees and Other Formal Awards Below the Baccalaureate,* annual; *Digest of Education Statistics,* annual, and unpublished data.

No. 279. Libraries—Number, by Type: 1980 to 1982

Type	1980	1981	1982		Type	1980	1981	1982	
			Total	Percent				Total	Percent
Total [1]	**31,564**	**32,387**	**32,136**	**100.0**	Academic	4,591	4,796	**4,924**	**17.0**
					Junior college	1,191	1,198	1,263	4.4
United States	28,638	29,278	28,949	90.1	Universities, colleges	1,911	1,892	1,915	6.6
Public	8,717	8,782	8,768	30.3	Departmental	1,489	1,669	1,728	6.0
Public branches	5,936	6,049	6,056	20.9	Law, medicine, religious	269	297	538	1.9
Special	4,645	4,637	4,291	14.8	Armed Forces	485	485	465	1.6
Medical	1,674	1,640	1,625	5.6	Law [2]	417	404	417	1.4
Government	1,260	1,615	1,565	5.4					
Religious	913	870	838	2.9	Outlying areas	113	114	118	.4

[1] Includes public libraries with annual incomes of less than $2,000 or book funds of less than $500, law libraries with less than 10,000 volumes each, Canadian libraries, and libraries in regions administered by the U.S., not shown separately.
[2] Law libraries with more than 10,000 volumes.

Source: R.R. Bowker Co., New York, N.Y., *The Bowker Annual of Library and Book Trade Information* and *American Library Directory,* annual. (Copyright by Xerox Corporation.)

NO. 280. COLLEGE AND UNIVERSITY LIBRARIES—SUMMARY: 1982

[Preliminary. For **school year ending in year shown.** Based on survey of academic libraries and joint library systems in the 50 States and DC. Data from Survey of College and University Libraries, Fall 1982. For definition of median, see Guide to Tabular Presentation]

TYPE OF CONTROL AND ENROLLMENT SIZE	MATERIALS CIRCULATED		MEDIAN NUMBER OF VOLUMES—		OPERATING EXPENSES				STAFF [3]	
	Total (1,000)	Median (1,000)	Added (1,000)	Held (1,000)	Total [1] ($1,000)	Wages and salaries [2] ($1,000)	Books ($1,000)	Periodicals ($1,000)	Total	Professional staff
All types, public	138,633	31	2	59	1,288,886	736,109	161,615	166,663	37,773	14,704
10,000 or more	93,170	167	15	411	840,938	467,298	105,492	118,336	23,569	8,690
5,000 to 9,999	22,261	52	4	79	215,957	127,947	27,260	24,396	6,595	2,672
1,000 to 4,999	21,281	19	2	41	209,948	128,383	26,177	20,606	6,908	3,001
500 to 999	1,441	7	1	24	15,579	9,162	1,800	2,142	508	253
500 or less	480	6	1	15	6,465	3,319	887	1,184	192	89
All types, private	61,315	15	2	67	653,097	345,078	94,216	91,185	20,648	9,102
10,000 or more	15,582	233	27	953	213,033	118,224	25,284	31,030	5,784	2,120
5,000 to 9,999	9,726	69	11	289	126,766	66,078	16,713	21,862	4,047	1,587
1,000 to 4,999	23,920	28	4	117	221,697	111,169	37,639	28,620	7,263	3,350
500 to 999	7,400	14	2	64	52,296	27,785	8,005	5,977	1,947	1,094
500 or less	4,687	5	1	23	39,305	21,824	6,575	3,696	1,606	952

[1] Includes expenses not shown separately; excludes capital outlay. [2] Includes fringe benefits; excludes wages for student assistance. [3] Full-time equivalent.

NO. 281. NONCOLLEGIATE POSTSECONDARY SCHOOLS—ENROLLMENT AND INSTRUCTIONAL STAFF, BY TYPE OF SCHOOL: 1981

[For school year ending in **June.** Includes Puerto Rico and outlying areas. Covers schools offering occupational programs, including correspondence schools. Enrollment and staff data based on sample from 6,497 reporting schools and are adjusted for nonresponse. Excludes 799 flight schools and 298 other noncollegiate postsecondary schools for which enrollment data are not available]

ITEM	Unit	Total	Vocational and technical	Technical institute	Business and office	Cosmetology and barber	Trade	Arts/ Design	Hospital	Allied health
Schools	Number	6,497	734	157	1,287	2,177	747	248	783	364
Total enrollment	1,000	1,555	471	59	441	173	248	53	42	69
Percent female	Percent	53.2	44.2	13.6	67.1	84.4	18.1	56.6	92.9	79.7
Full-time	1,000	1,186	357	52	307	152	187	38	41	52
Part-time	1,000	368	113	6	139	21	60	15	1	18
Public	1,000	446	427	1	1	1	6	1	6	4
Private	1,000	1,109	43	58	440	172	241	52	35	64
Instructional staff	1,000	70.5	26.4	2.7	12.8	9.2	5.6	2.6	7.8	3.4
Percent female	Percent	47.8	33.3	14.8	53.1	76.1	17.9	34.6	82.1	70.6

Source of tables 280 and 281: U.S. National Center for Education Statistics, unpublished data.

NO. 282. FEDERALLY AIDED VOCATIONAL PROGRAMS—ENROLLMENT AND EXPENDITURES: 1950 TO 1980

[For years ending **June 30.** Except as noted, includes Puerto Rico for all years; Virgin Islands from **1955;** Guam from **1960;** American Samoa and Trust Territory of the Pacific Islands from **1970.** See also *Historical Statistics, Colonial Times to 1970,* series H 572-581]

YEAR	ENROLLMENT (1,000)							EXPENDITURES (mil. dol.)		
	Total [1]	Home economics	Office occupations	Trade, industrial	Agriculture	Distribution	Health	Total	Federal	State and local
1950	3,365	1,430	-	805	765	365	-	128.7	26.6	102.1
1955	3,314	1,432	-	871	776	235	-	164.8	30.4	134.4
1960	3,768	1,588	-	938	796	304	40	238.8	45.3	193.5
1965	5,431	2,099	731	1,088	888	333	67	604.6	156.9	447.7
1970	8,794	2,570	2,111	1,906	853	529	198	1,866.2	300.7	1,565.5
1974	13,794	3,703	2,757	2,824	976	833	505	3,433.8	468.2	2,965.6
1975	15,486	3,747	2,951	3,017	1,013	873	617	4,037.3	536.1	3,501.1
1976	15,346	3,986	3,115	3,110	1,060	901	685	4,713.6	543.2	4,170.4
1977	16,464	4,164	3,273	3,247	1,056	966	741	4,962.6	533.6	4,428.9
1978	17,599	4,119	3,312	3,403	1,007	962	759	5,673.5	499.1	5,174.4
1979 [2]	16,828	4,171	3,422	3,386	959	914	789	6,615.0	645.6	5,969.4
1980 [2]	16,453	3,938	3,400	3,216	879	961	834	[3] 6,866.5	732.0	[3] 6,134.5

- Represents zero. [1] Includes programs not shown separately. Represents unduplicated enrollment. [2] Excludes outlying areas. [3] Excludes expenditures for State administration.

Source: 1950-1978, U.S. Office of Education, Office of Vocational and Adult Education, *Vocational and Technical Education,* and *Summary Data, Vocational Education;* beginning 1979, U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual and unpublished data.

No. 283. Work/Training Acts—Enrollments and Obligations: 1980 to 1982

[For years ending **Sept. 30**, except as noted. Covers programs administered by the U.S. Dept. of Labor]

PROGRAM	FIRST-TIME ENROLLMENTS (1,000)			CURRENT ENROLLMENTS [1] (1,000)			OBLIGATIONS (mil. dol.)		
	1980	1981	1982	1980	1981	1982	1980	1981	1982
Total	**3,699**	**3,325**	**2,709**	**2,757**	**2,085**	**1,504**	**8,777**	**7,444**	**4,253**
CETA [2]	2,610	2,145	1,685	1,135	461	347	8,263	6,914	3,808
Training and Work Experience	795	652	576	337	248	198	2,045	2,119	1,767
Public Service Employment	385	174	(x)	333	22	(x)	3,162	1,755	(x)
Special Target Groups [3]	209	133	130	244	21	19	507	528	248
Job Corps	71	75	70	39	44	40	401	573	562
Summer Youth Program	691	717	645	(x)	5	8	725	793	720
Young Adult Conservation Corps	46	35	30	15	26	21	223	164	54
Private Sector Initiative Program	50	74	81	27	30	27	368	148	250
Youth Employment Training Program	363	285	153	140	65	34	832	834	187
Older Americans Act	52	24	24	55	57	57	267	277	277
Work Incentive Program	1,037	1,156	1,000	1,567	1,567	1,100	247	253	168

X Not applicable. [1] As of Sept. 30. [2] Comprehensive Employment and Training Act. [3] Includes Indian and Migrant programs.

Source: *U.S. Employment and Training Administration, Employment and Training Report of the President,* annual.

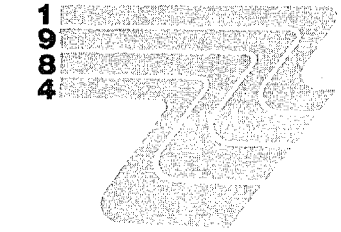
No. 284. Adult Education—Participation, by Selected Characteristics and Provider of Instruction: 1981

[For year ending in **May**. Includes all participants in adult education 17 years old and over regardless of their enrollment status in high school or college]

ITEM	Total [1]	Male	Female	White [2]	Black [2]	Hispanic
Participants in adult education (1,000)	**21,252**	**9,358**	**11,893**	**18,674**	**1,298**	**770**
Percent of population	12.8	12.0	13.6	13.8	7.5	8.6
	PERCENT OF POPULATION					
Age:						
17–34 years	16.2	14.6	17.7	17.8	9.3	9.9
35–54 years	15.1	14.1	16.0	16.4	8.2	8.9
55 years and over	5.3	5.0	5.5	5.7	2.5	2.9
Highest level of education:						
Eight years of school or less	2.2	2.2	2.2	1.7	1.9	3.5
1 to 3 years of high school	5.6	4.9	6.1	5.9	4.2	4.9
4 years of high school	11.1	9.7	12.1	11.5	7.6	10.9
1 to 3 years of college	19.6	17.2	21.8	20.5	13.0	17.9
4 years of college	26.1	23.4	29.2	26.9	20.0	19.1
5 or more years of college	31.1	28.4	36.0	31.4	30.1	31.0
Annual family income:						
Under $7,500	6.3	5.2	7.0	6.8	4.6	5.5
$7,500–$9,999	8.1	6.6	9.3	8.7	4.5	7.3
$10,000–$14,999	11.0	8.6	13.0	11.6	7.8	8.6
$15,000–$19,999	13.2	11.7	14.6	14.0	9.7	8.6
$20,000–$24,999	15.1	14.5	15.8	16.0	9.8	8.9
$25,000–$49,999	18.3	17.1	19.5	18.8	14.0	13.2
$50,000 and over	18.8	17.7	20.1	18.8	15.5	17.0
Not reported	7.5	6.7	8.1	7.5	5.6	8.4
Courses taken (1,000)	**37,381**	**16,182**	**21,199**	**32,859**	**2,340**	**1,270**
	PERCENT DISTRIBUTION					
Main reason for taking course:						
Job related reasons [3]	60.3	69.2	53.5	60.7	61.5	53.1
To get a new job	11.8	10.5	12.7	11.3	17.0	15.0
To improve/advance in current job	44.6	54.1	37.3	45.5	38.8	34.3
Non-job related reason [3]	39.4	30.6	46.2	39.1	38.2	46.4
General education	9.6	9.3	9.9	8.8	17.1	13.2
Personal/social reasons	27.3	16.6	33.9	27.9	18.4	30.1
Provider of instruction:						
Elementary, junior, or high school	6.8	4.5	8.6	6.4	7.0	14.9
2-year college or voc-tech institute	18.8	16.3	20.7	18.3	19.6	28.7
4-year college or university	19.2	19.8	18.6	19.5	19.1	12.0
Vocational, trade, or business school	9.1	8.2	9.8	9.0	10.5	8.0
Tutor or private instructor	4.4	3.1	5.4	4.7	1.8	3.3
Business or industry	13.7	19.6	9.2	14.4	8.7	10.1
Labor organization or professional assn	5.0	6.6	3.7	5.2	3.5	1.7
Government agency	7.8	9.1	6.9	7.6	13.0	7.4
Private community organization	8.5	5.8	10.5	8.7	5.6	7.2
Other	6.7	7.0	6.5	6.3	11.2	6.7
Employer provided course for employees	24.8	31.1	19.9	24.9	28.2	19.9

[1] Includes other races, not shown separately. [2] Non-hispanic. [3] Includes other reasons, not shown separately.

Source: U.S. National Center for Education Statistics, Participation in Adult Education, 1981, and unpublished data.



Section 6

Law Enforcement, Courts, and Prisons

This section presents data on crimes committed, victims of crimes, arrests, and related data. A major source of these data is the Bureau of Justice Statistics (BJS). BJS issues several reports, including *Sourcebook of Criminal Justice Statistics, Criminal Victimization in the United States, Prisoners in State and Federal Institutions, Children in Custody, National Survey of Court Organization, Census of State Correctional Facilities, Census of Jails and Survey of Jail Inmates, Parole in the United States,* and *Capital Punishment.* In addition, the annual *Expenditure and Employment Data for the Criminal Justice System* is issued jointly by BJS and the Bureau of the Census. For other BJS reports, see "Law Enforcement, Courts, and Prisons" in Appendix IV.

Other major sources of these data include: *Crime in the United States,* issued annually by the Federal Bureau of Investigation (FBI); the *Annual Report of the Director, Court Management Statistics, Federal Offenders,* and *Sentences Imposed Chart* issued by the Administrative Office of the U.S. Courts; *Governmental Finances and Public Employment,* issued annually by the Bureau of the Census; and the *Statistical Report,* issued annually by the Federal Bureau of Prisons. *State Court Caseload Statistics* are issued annually by the National Center for State Courts.

Legal jurisdiction and law enforcement.—Law enforcement is, for the most part, a function of State and local officers and agencies. The U.S. Constitution reserves general police powers to the States. By act of Congress, Federal offenses include only offenses against the U.S. Government and against or by its employees while engaged in their official duties, and offenses which involve the crossing of State lines or an interference with interstate commerce. Excluding the military, there are 52 separate criminal law jurisdictions in the United States: 1 in each of the 50 States, 1 in the District of Columbia, and the Federal jurisdiction. Each of these has its own criminal law and procedure and its own law enforcement agencies. While the systems of law enforcement are quite similar among the States, there are often substantial differences in the penalties for like offenses.

Law enforcement can be divided into three parts. The first covers investigation of crimes and arrests of persons suspected of committing them; the second phase is prosecution of those charged with crime; and the third phase is concerned with the punishment or treatment of persons convicted of crime.

Crime.—There are two major approaches taken in determining the extent of crime. One perspective is provided by the FBI through its Uniform Crime Reporting Program (UCR). The FBI receives monthly and annual reports from law enforcement agencies throughout the country, currently representing 97 percent of the national population. Each month, city police, sheriffs, and State police file reports on the number of index offenses that become known to them. The FBI Crime Index offenses are as follows: *Murder and nonnegligent manslaughter,* is based on police investigations, as opposed to the determination of a medical examiner or judicial body, includes willful felonious homicides, and excludes attempts and assaults to kill, suicides, accidental deaths, justifiable homicides, and deaths caused by negligence; *forcible rape* includes forcible rapes and attempts; *robbery* includes stealing or taking anything of value by force or violence or threat of force or violence and includes attempted robbery; *aggravated assault* includes assault with intent to kill; *burglary* includes any unlawful entry to commit a felony or a theft and includes attempted burglary and burglary followed by larceny; *larceny* includes theft of property or articles of value without use of force and violence or fraud and excludes embezzlement, "con games," forgery, etc.; *motor vehicle theft* includes all cases where vehicles are driven away and abandoned, but excludes vehicles taken for temporary use and returned by the taker.

The monthly Uniform Crime Reports also contain data on crimes cleared by arrest and on characteristics of persons arrested for all criminal offenses. In summarizing and publishing crime data, the FBI does not vouch for the validity of the reports it receives, but presents the data as information useful to persons concerned with the problem of crime and criminal-law enforcement.

A second perspective on crime, based on offenses both reported and not reported to the police, is provided by BJS through the National Crime Survey (NCS), conducted by the U.S. Bureau of the Census. The NCS measures crimes of rape, robbery, assault, burglary, personal and household larceny, and motor vehicle theft. Murder and kidnapping are not covered, and commercial burglary and robbery were dropped from the program during 1977. The so-called victimless crimes, such as

drunkenness, drug abuse, and prostitution, also are excluded, as are crimes for which it is difficult to identify knowledgeable respondents or to locate data records.

A variety of attributes of victimized persons and households appear on victimization rate tables. For crimes against persons, the rates are based on the total number of individuals age 12 and over or on a portion of that population sharing a particular characteristic or set of traits. Household crimes are regarded as being directed against the household as a unit rather than against the individual members. As general indicators of the danger of having been victimized during the reference period, the rates are not sufficiently refined to represent true measures of risk for specific individuals or households. For further detail regarding the NCS, see *Criminal Victimization in the United States,* by the U.S. Bureau of Justice Statistics.

Courts.—Court statistics on criminal offenses and the outcome of prosecutions are incomplete for the country as a whole, although data are available for many States individually. The only national compilations of such statistics were made by the Bureau of the Census for 1932 to 1945 covering a maximum of 32 States.

The bulk of civil and criminal litigation in the country is commenced and determined in the various State courts. Only when the U.S. Constitution and acts of Congress specifically confer jurisdiction upon the Federal courts may civil litigation be heard and decided by them. Generally, the Federal courts have jurisdiction over the following types of cases: Suits or proceedings by or against the United States; civil actions between private parties arising under the Constitution, laws, or treaties of the United States; civil actions between private litigants who are citizens of different States; civil cases involving admiralty, maritime, or prize jurisdiction; and all matters in bankruptcy.

There are several types of courts with varying degrees of legal jurisdiction. These jurisdictions include original, appellate, general, and limited or special. A *court of original jurisdiction* is one having the authority initially to try a case and pass judgment on the law and the facts; a *court of appellate jurisdiction* is one with the legal authority to review cases and hear appeals; a *court of general jurisdiction* is a trial court of unlimited original jurisdiction in civil and/or criminal cases, also called a "major trial court"; a *court of limited or special jurisdiction* is a trial court with legal authority over only a particular class of cases, such as probate, juvenile, or traffic cases.

The 94 Federal courts of original jurisdiction are known as the U.S. district courts. One or more of these courts is established in every State and one each in the District of Columbia, Puerto Rico, the Virgin Islands, the Northern Mariana Islands, and Guam. Appeals from the district courts are taken to intermediate appellate courts of which there are 13, known as U.S. courts of appeals and the United States Court of Appeals for the Federal Circuit. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

Juvenile offenders.—For statistical purposes, the FBI and most States classify as juvenile offenders persons under the age of 18 years who have committed a crime or crimes.

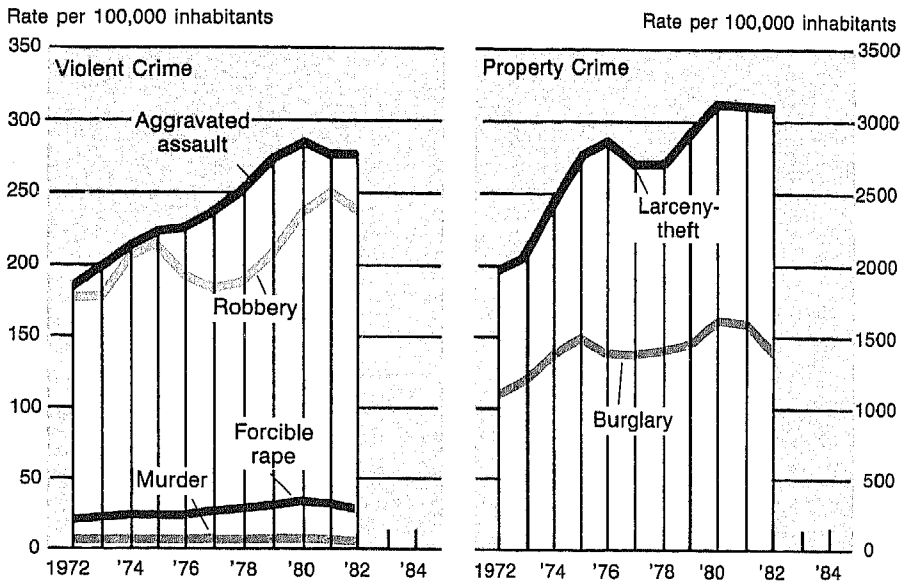
Delinquency cases are all cases of youths referred to a juvenile court for violation of a law or ordinance or for seriously "antisocial" conduct. Several types of facilities are available for those adjudicated delinquent, ranging from the short-term physically unrestricted environment to the long-term very restrictive atmosphere.

Prisoners.—Data on prisoners in Federal and State prisons and reformatories were collected annually by the Bureau of the Census until 1950, by the Federal Bureau of Prisons until 1971, transferred then to LEAA, and, in 1979, to Bureau of Justice Statistics. Adults convicted of criminal activity may be given a prison or jail sentence. A *prison* is a confinement facility having custodial authority over adults sentenced to confinement of more than one year. A *jail* is a facility, usually operated by a local law enforcement agency, holding persons detained pending adjudication and/or persons committed after adjudication to one year or less. Nearly every State publishes annual data either for its whole prison system or for each separate State institution.

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability pertaining to the National Crime Survey and Uniform Crime Reporting Program, see Appendix III.

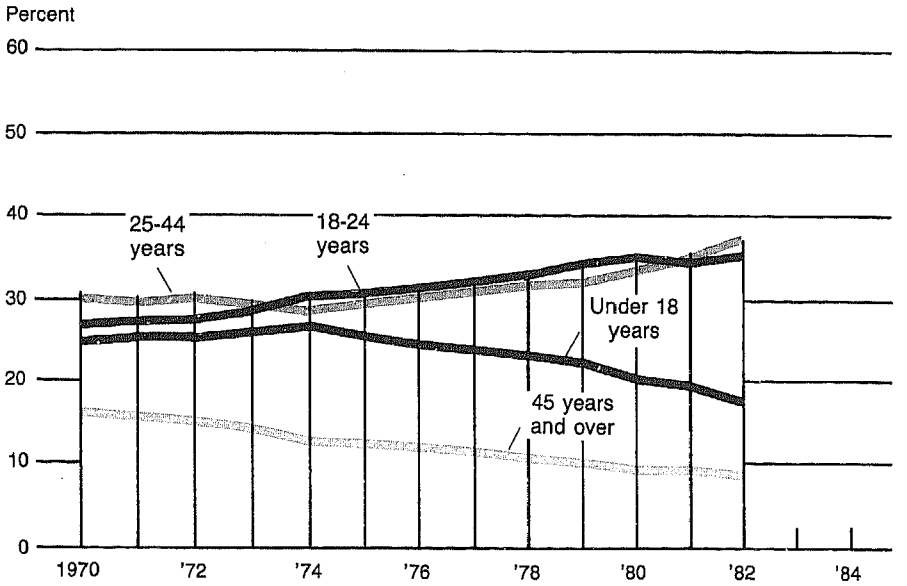
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 6.1
Selected Crime Rates: 1972 to 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 285.

Figure 6.2
Persons Arrested — Percent by Age: 1970 to 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 302.

NO. 285. CRIMES AND CRIME RATES, BY TYPE: 1973 TO 1982

[Data refer to offenses known to the police. Rates are based on Bureau of the Census estimated resident population as of July 1, *except 1980, enumerated as of April 1.* Minus sign (–) indicates decrease. For definitions of crimes, see text, pp. 173 and 174. For explanation of average annual percent change, see Guide to Tabular Presentation. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series H 952-961 for related data]

ITEM AND YEAR	Total	VIOLENT CRIME					PROPERTY CRIME			
		Total	Murder [1]	Forcible rape	Robbery	Aggravated assault	Total	Burglary	Larceny—theft	Motor vehicle theft
Number of offenses (1,000):										
1973	8,718	876	19.6	51.4	384	421	7,842	2,566	4,348	929
1974	10,253	975	20.7	55.4	442	456	9,279	3,039	5,263	977
1975	11,257	1,026	20.5	56.1	465	485	10,230	3,252	5,978	1,001
1976	11,305	987	18.8	56.7	420	491	10,318	3,090	6,271	958
1977	10,936	1,010	19.1	63.0	405	523	9,926	3,052	5,906	968
1978	11,141	1,062	19.6	67.1	417	558	10,080	3,104	5,983	992
1979	12,153	1,179	21.5	76.0	467	614	10,974	3,299	6,578	1,097
1980	13,295	1,309	23.0	82.1	549	655	11,987	3,759	7,113	1,115
1981	13,290	1,322	22.5	81.5	574	644	11,968	3,740	7,155	1,074
1982	12,857	1,286	21.0	77.8	537	650	11,572	3,416	7,108	1,048
Annual percent change:										
1973–1974	17.6	11.3	5.4	7.8	15.1	8.5	18.3	18.5	21.0	5.2
1974–1975	9.8	5.3	–1.0	1.2	5.1	6.2	10.3	7.0	13.6	2.4
1975–1976	.4	–3.9	–8.4	1.1	–9.6	1.3	.9	–5.0	4.9	–4.3
1976–1977	–3.3	2.3	1.8	11.1	–3.7	6.5	–3.8	–1.2	–5.8	1.1
1977–1978	1.9	5.2	2.3	6.5	3.0	6.8	1.5	1.7	1.3	2.4
1978–1979	9.1	11.0	9.7	13.2	12.0	10.1	8.9	6.3	9.9	10.6
1979–1980	9.4	11.1	7.4	8.0	17.5	6.6	9.2	13.9	8.1	1.6
1980–1981	(z)	1.0	–2.3	–.7	4.6	–1.7	–.2	–.5	.6	–3.7
1981–1982	–3.3	–2.7	–6.7	–4.6	–6.5	1.0	–3.3	–8.7	–.7	–2.4
Rate per 100,000 inhabitants:										
1973	4,154	417	9.4	24.5	183	201	3,737	1,223	2,072	443
1974	4,850	461	9.8	26.2	209	216	4,389	1,438	2,490	462
1975	5,282	482	9.6	26.3	218	227	4,800	1,526	2,805	469
1976	5,266	460	8.8	26.4	196	229	4,807	1,439	2,921	446
1977	5,055	467	8.8	29.1	187	242	4,588	1,411	2,730	448
1978	5,109	487	9.0	30.8	191	256	4,622	1,424	2,744	455
1979	5,521	535	9.7	34.5	212	279	4,986	1,499	2,988	499
1980	5,900	581	10.2	36.4	244	291	5,319	1,668	3,156	495
1981	5,800	577	9.8	35.6	251	281	5,223	1,632	3,122	469
1982	5,553	555	9.1	33.6	232	281	4,998	1,475	3,070	453

Z Less than .05 percent. [1] Includes nonnegligent manslaughter.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States,* annual.

NO. 286. CRIMES AND CRIME RATES BY TYPE AND AREA: 1981 AND 1982

[**In thousands, except rate.** Estimated totals based on reports from city and rural law enforcement agencies representing 97 percent of the national population. For definitions of crimes, see text, pp. 173 and 174. SMSA represents all agencies within standard metropolitan statistical area]

TYPE OF CRIME	1981						1982					
	SMSA's [1]		Other cities		Rural areas		SMSA's [1]		Other cities		Rural areas	
	Total	Rate [2]	Total	Rate [2]	Total	Rate [2]	Total	Rate [2]	Total	Rate [2]	Total	Rate [2]
Total	**11,314**	**6,605**	**1,240**	**5,164**	**736**	**2,176**	**10,947**	**6,323**	**1,204**	**4,983**	**706**	**2,064**
Violent crime	**1,184**	**691**	**79**	**330**	**58**	**173**	**1,147**	**662**	**80**	**332**	**59**	**171**
Murder and nonnegligent manslaughter	19	11	1	5	2	7	17	10	1	6	2	7
Forcible rape	71	42	5	21	5	15	68	39	5	20	5	15
Robbery	*553*	*323*	15	61	7	21	517	299	13	56	6	19
Aggravated assault	542	316	58	243	44	129	545	315	60	250	45	131
Property crime	**10,129**	**5,913**	**1,161**	**4,834**	**678**	**2,003**	**9,800**	**5,660**	**1,123**	**4,651**	**648**	**1,893**
Burglary	3,183	1,858	290	1,209	266	787	2,891	1,669	276	1,144	249	726
Larceny—theft	*5,969*	*3,485*	*814*	3,390	371	1,097	5,950	3,436	796	3,297	362	1,056
Motor vehicle theft	977	570	57	236	40	119	960	554	51	210	38	110

[1] For definition, see text, Appendix II. [2] Rate per 100,000 population; see headnote, table 285.

Source: U.S. Federal Bureau of Investigation, Crime in the United States, annual.

NO. 287. CRIME RATES BY STATES, 1979 TO 1982, AND BY TYPE, 1982

[**Offenses known to the police per 100,000 population.** Based on Bureau of the Census estimated resident population as of July 1, except 1980, enumerated as of April 1. For definitions of crimes, see text, pp. 173 and 174. For composition of regions, see fig. I inside front cover]

REGION, DIVISION, AND STATE	1979, total	1980, total	1981, total	1982							
				Total	Violent crime				Property crime		
					Murder [1]	Forcible rape	Robbery	Aggravated assault	Burglary	Larceny—theft	Motor vehicle theft
U.S. [2]	**5,521**	**5,900**	**5,800**	**5,553**	**9.1**	**33.6**	**232**	**281**	**1,475**	**3,070**	**453**
Regions:											
Northeast	5,349	5,767	5,678	5,296	7.4	25.4	348	258	1,366	2,664	627
No. Central	4,988	5,337	5,247	4,961	6.5	26.7	162	206	1,249	2,926	385
South	5,203	5,573	5,497	5,401	12.1	35.8	191	323	1,504	2,977	358
West	7,039	7,388	7,203	6,875	9.0	46.0	267	331	1,841	3,865	516
N.E	**5,606**	**5,713**	**5,546**	**5,163**	**3.8**	**22.6**	**167**	**232**	**1,337**	**2,712**	**689**
Maine	4,307	4,366	4,243	3,860	2.1	13.4	30	117	1,047	2,459	191
N.H	4,579	4,680	4,322	3,829	2.2	16.2	34	73	945	2,536	224
Vt	5,299	4,988	5,061	4,692	2.3	34.9	23	67	1,178	3,132	255
Mass	5,918	6,079	5,835	5,504	3.8	25.3	214	328	1,422	2,542	969
R.I	5,770	5,933	5,852	5,364	3.7	19.4	115	264	1,400	2,826	736
Conn	5,780	5,882	5,837	5,427	5.2	21.9	208	164	1,411	3,065	552
M.A	**5,262**	**5,786**	**5,723**	**5,341**	**8.6**	**26.4**	**410**	**266**	**1,376**	**2,648**	**606**
N.Y	6,205	6,912	6,905	6,468	11.4	29.2	611	339	1,672	3,025	781
N.J	5,821	6,401	6,180	5,676	6.5	28.9	308	264	1,431	3,011	627
Pa	3,495	3,736	3,683	3,453	5.7	20.6	175	159	901	1,859	332
E.N.C	**5,213**	**5,528**	**5,425**	**5,184**	**7.2**	**29.1**	**186**	**221**	**1,294**	**3,001**	**446**
Ohio	5,130	5,431	5,447	4,936	6.3	29.9	184	217	1,310	2,808	382
Ind	4,601	4,930	4,540	4,430	6.5	27.8	109	157	1,089	2,713	327
Ill	5,169	5,275	4,950	4,817	8.8	21.1	205	219	1,098	2,789	476
Mich	6,147	6,676	6,854	6,785	9.1	46.6	271	330	1,813	3,623	692
Wis	4,388	4,799	4,767	4,439	3.1	14.3	71	102	977	3,089	183
W.N.C	**4,446**	**4,874**	**4,815**	**4,424**	**4.8**	**21.1**	**104**	**170**	**1,139**	**2,746**	**239**
Minn	4,393	4,799	4,737	4,455	2.3	22.7	101	93	1,182	2,816	238
Iowa	4,302	4,747	4,717	4,137	2.3	12.5	36	122	948	2,842	174
Mo	4,940	5,433	5,351	4,948	9.7	25.9	193	278	1,391	2,714	336
N. Dak	2,756	2,964	2,991	2,648	.7	9.9	13	39	459	1,987	140
S. Dak	2,960	3,243	3,013	2,645	2.7	11.4	17	68	562	1,865	118
Nebr	3,393	4,305	4,178	3,951	2.0	20.7	62	145	811	2,732	178
Kans	4,896	5,379	5,404	4,952	5.7	24.8	87	218	1,345	3,049	223
S.A. [2]	**5,658**	**6,081**	**5,993**	**5,656**	**10.9**	**37.4**	**215**	**376**	**1,503**	**3,201**	**312**
Del	6,526	6,777	6,689	6,385	5.3	30.9	122	401	1,445	3,969	412
Md	6,295	6,630	6,558	6,012	10.1	37.4	361	442	1,420	3,351	392
Va	4,361	4,620	4,671	4,256	7.4	24.9	122	155	974	2,789	184
W. Va	2,325	2,552	2,619	2,511	5.2	15.1	50	104	718	1,435	183
N.C	4,372	4,640	4,520	4,543	9.1	22.0	86	329	1,309	2,603	184
S.C	5,066	5,439	5,319	5,361	10.9	38.8	122	548	1,491	2,873	278
Ga	5,417	5,604	5,629	5,215	12.6	39.8	155	271	1,498	2,927	312
Fla	7,688	8,402	8,032	7,465	13.5	53.6	298	532	2,035	4,104	430
E.S.C	**3,687**	**4,161**	**4,141**	**4,118**	**10.7**	**27.6**	**122**	**220**	**1,198**	**2,279**	**261**
Ky	3,184	3,434	3,532	3,568	9.7	20.0	97	188	1,029	1,991	233
Tenn	4,013	4,498	4,311	4,414	9.7	35.5	176	200	1,289	2,372	332
Ala	4,244	4,934	4,899	4,634	10.6	26.0	112	299	1,256	2,656	273
Miss	2,961	3,417	3,537	3,573	14.0	26.5	73	181	1,184	1,941	154
W.S.C	**5,443**	**5,657**	**5,547**	**5,771**	**14.7**	**41.2**	**195**	**302**	**1,687**	**3,047**	**484**
Ark	3,621	3,811	3,796	3,872	8.2	27.1	79	211	1,071	2,289	186
La	5,359	5,454	5,268	5,311	16.0	39.9	213	401	1,425	2,882	336
Okla	4,703	5,053	4,837	5,222	10.8	37.1	133	263	1,604	2,686	489
Tex	5,925	6,143	6,050	6,302	16.1	44.6	220	296	1,872	3,284	570
Mt	**6,484**	**6,831**	**6,683**	**6,351**	**7.1**	**37.1**	**139**	**297**	**1,578**	**3,951**	**341**
Mont	4,461	5,024	5,019	4,333	3.9	14.9	33	173	844	3,006	258
Idaho	4,241	4,782	4,531	4,083	2.5	16.6	30	210	1,032	2,617	175
Wyo	4,824	4,986	5,132	4,804	9.2	27.1	34	234	883	3,367	250
Colo	7,051	7,333	7,353	7,080	6.0	44.5	151	303	1,749	4,429	397
N. Mex	5,788	5,979	6,201	6,608	11.6	48.3	126	548	1,628	3,930	315
Ariz	7,857	8,171	7,614	7,131	8.3	38.5	159	312	1,883	4,361	370
Utah	5,492	5,881	5,750	5,334	3.4	23.7	86	172	1,107	3,690	251
Nev	8,832	8,854	8,592	7,901	13.6	61.5	420	311	2,413	4,118	565
Pac	**7,233**	**7,588**	**7,391**	**7,064**	**9.7**	**49.2**	**313**	**343**	**1,936**	**3,834**	**579**
Wash	6,530	6,915	6,742	6,282	4.4	45.9	118	238	1,680	3,915	281
Oreg	6,373	6,687	7,037	6,567	5.1	39.9	167	261	1,790	4,004	301
Calif	7,469	7,833	7,590	7,285	11.2	50.7	372	381	2,020	3,785	665
Alaska	6,204	6,210	6,595	6,213	18.5	85.4	134	386	1,188	3,806	594
Hawaii	7,248	7,482	6,543	6,584	3.1	34.4	157	61	1,658	4,250	421

[1] Includes nonnegligent manslaughter. [2] Includes District of Columbia, not shown separately.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

NO. 288. CRIME RATES FOR VIOLENT CRIMES IN CITIES, BY SIZE GROUP AND FOR SELECTED CITIES: 1973 TO 1982

[Offenses known to the police per 100,000 population. For types of violent crime, see table 289. Rates based on population of cities as estimated by FBI, using Bureau of the Census estimates as of July 1, of each year, except 1980 as of April 1. Minus sign (–) indicates decrease]

CITY-SIZE GROUP AND CITY	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	AVERAGE ANNUAL PERCENT CHANGE	
											1973–1977	1978–1982
Cities with population of—												
250,000 or more	1,003	1,108	1,159	1,095	1,070	1,121	1,238	1,414	1,441	1,354	1.6	4.8
100,000–249,999	545	600	632	573	600	627	702	812	826	779	2.4	5.6
50,000–99,999	372	406	451	416	444	486	526	602	584	561	4.5	3.7
25,000–49,999	295	331	343	338	342	364	420	455	452	431	3.8	4.3
10,000–24,999	221	250	268	254	264	276	315	352	342	320	4.5	3.8
Fewer than 10,000	199	218	232	216	230	245	279	298	291	284	3.7	3.8
Selected cities:												
New York, N.Y	1,483	1,615	1,781	1,781	1,629	1,694	1,862	2,126	2,220	2,028	2.4	4.6
Baltimore, Md	1,771	1,961	1,862	1,648	1,726	1,875	1,963	2,112	2,224	2,090	–.6	2.8
Washington, D.C	1,558	1,603	1,774	1,481	1,427	1,412	1,609	2,011	2,275	2,123	–2.2	10.7
Detroit, Mich	1,681	2,004	2,121	2,226	1,829	1,669	1,670	1,945	1,941	2,009	2.1	4.7
San Francisco, Calif	1,197	1,135	1,364	1,618	1,409	1,596	1,675	1,885	1,735	1,640	4.2	.7
Los Angeles, Calif	1,064	1,069	1,114	1,167	1,209	1,320	1,515	1,742	1,743	1,739	3.3	7.1
Dallas, Tex	998	866	885	815	1,019	1,134	1,298	1,409	1,360	1,346	.5	4.4
Memphis, Tenn	749	819	840	736	784	792	848	1,070	1,079	1,153	1.2	9.8
Philadelphia, Pa	755	871	887	684	635	656	827	1,029	1,044	1,038	–4.2	12.2
Chicago, Ill	1,168	1,282	1,180	978	935	897	909	960	850	877	–5.4	–.6
Phoenix, Ariz	647	717	696	576	630	775	808	908	795	667	–.7	–3.7
San Diego, Calif	372	473	502	532	560	567	656	707	734	635	10.8	2.9
Indianapolis, Ind	336	709	925	838	744	727	813	637	983	938	22.0	6.6
San Antonio, Tex	587	624	549	436	491	422	493	541	567	695	–4.4	13.3

X Not applicable.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

NO. 289. CRIME RATES, BY TYPE—POPULATION-SIZE GROUPS AND SELECTED CITIES: 1982

[Offenses known to the police per 100,000 population, as of July 1. For definitions of crimes, see text, pp. 173 and 174]

CITY-SIZE GROUP [1] AND CITY	Crime index, total	VIOLENT CRIME					PROPERTY CRIME			
		Total	Murder	Forcible rape	Robbery	Aggravated assault	Total	Burglary—breaking or entering	Larceny—theft	Motor vehicle theft
Total, 11,718 agencies	**5,773**	**589**	**9.5**	**35**	**251**	**293**	**5,185**	**1,535**	**3,173**	**477**
Total, 8,033 cities	**6,899**	**723**	**10.8**	**40**	**335**	**337**	**6,177**	**1,754**	**3,827**	**596**
Cities with population of—										
250,000 or more	9,205	1,354	21.7	69	773	491	7,851	2,426	4,328	1,097
100,000–249,999	8,355	779	11.5	51	321	395	7,576	2,203	4,602	571
50,000–99,999	6,579	561	6.8	37	212	306	6,019	1,712	3,794	513
25,000–49,999	5,984	431	5.7	27	139	260	5,553	1,460	3,699	393
10,000–24,999	4,866	320	4.3	18	80	218	4,546	1,162	3,097	286
Fewer than 10,000	4,498	284	4.1	16	50	214	4,214	1,008	2,986	221
Suburbs, 5,450 agencies [2]	4,515	351	5.4	24	99	223	4,164	1,207	2,647	311
Rural areas, 2,538 agencies	2,225	184	6.8	15	20	142	2,041	788	1,133	120
Selected cities:										
Dallas, Tex	11,937	1,345	31.5	114	587	613	10,592	3,433	6,416	743
Phoenix, Ariz	9,293	667	11.7	53	295	307	8,626	2,639	5,448	540
Detroit, Mich	12,942	2,009	43.4	99	1,357	510	10,933	4,200	4,061	2,672
San Francisco, Calif	9,685	1,640	15.7	84	1,010	530	8,045	1,935	5,210	900
New York, N.Y.	9,703	2,028	23.5	50	1,352	603	7,674	2,435	3,726	1,514
Washington, D.C	10,411	2,123	30.7	67	1,448	578	8,288	2,341	5,299	648
Los Angeles, Calif	10,328	1,739	27.4	87	968	657	8,589	2,740	4,273	1,575
Baltimore, Md	9,134	2,090	28.4	69	1,171	822	7,044	2,044	4,442	558
San Diego, Calif	7,131	635	7.8	47	342	239	6,496	1,764	3,883	849
Memphis, Tenn	8,476	1,153	18.5	108	667	359	7,322	2,560	3,984	778
San Antonio, Tex	7,814	695	22.4	47	258	367	7,119	2,358	4,127	635
Chicago, Ill	6,041	877	22.2	37	542	276	5,164	1,071	3,068	1,025
Philadelphia, Pa	5,608	1,038	19.7	50	628	340	4,571	1,370	2,376	824
Indianapolis, Ind	7,508	938	14.9	84	431	409	6,,570	2,161	3,782	627

[1] See headnote, table 288. [2] Agencies also included in other city and county groups.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 290. Victimization Rates for Crimes Against Persons: 1973 to 1981

[Rates per 1,000 persons, 12 years old and over. Includes attempted crimes. Data based on National Crime Survey; see Appendix III]

Year and crime	Total [1]	White	Black	Spanish origin [2]	Male			Female			Victim-offender relationship	
					White	Black	Spanish origin [2]	White	Black	Spanish origin [2]	Stranger	Non-stranger
1973, total	33	32	42	36	43	53	53	21	32	22	22	11
1974, total	33	32	41	34	44	54	49	21	29	20	22	11
1975, total	33	32	43	40	42	53	50	21	34	30	21	11
1976, total	33	31	44	35	42	55	55	21	36	23	21	12
1977, total	34	33	42	40	45	57	50	22	29	32	21	13
1978, total	34	33	41	37	45	54	54	22	30	23	21	12
1979: Total [3]	**35**	**34**	**42**	**41**	**44**	**53**	**55**	**24**	**32**	**29**	**22**	**12**
Rape	1	1	2	1	(B)	(B)	(B)	2	3	1	1	(B)
Robbery:												
With injury	2	2	4	4	3	6	7	2	2	2	2	(B)
Without injury	4	4	9	6	5	14	8	2	4	4	3	1
Aggravated assault	10	9	13	14	14	20	20	5	7	9	6	4
Simple assault	17	18	15	17	23	12	20	13	16	13	10	7
Personal larceny	92	93	87	83	100	96	84	86	80	82	(X)	(X)
1980: Total [3]	**33**	**32**	**41**	**40**	**43**	**53**	**54**	**22**	**31**	**27**	**21**	**12**
Rape	1	1	1	1	(B)	(B)	(B)	2	2	1	1	(B)
Robbery:												
With injury	2	2	4	3	3	6	5	2	3	2	2	(B)
Without injury	4	4	10	9	5	14	11	2	6	6	4	1
Aggravated assault	9	9	13	13	13	19	20	4	7	6	6	3
Simple assault	17	17	13	14	22	13	18	12	13	12	9	7
Personal larceny	83	83	80	76	89	89	77	78	73	75	(X)	(X)
1981: Total [3]	**35**	**33**	**50**	**39**	**44**	**61**	**53**	**23**	**40**	**26**	**23**	**12**
Rape	1	1	2	1	(B)	(B)	(B)	2	3	2	1	(B)
Robbery:												
With injury	2	2	4	4	3	5	5	2	4	3	2	(B)
Without injury	5	4	13	9	5	18	13	3	8	5	4	1
Aggravated assault	10	9	14	13	14	20	18	5	10	8	7	3
Simple assault	17	17	17	13	22	17	17	13	16	9	10	7
Personal larceny	85	85	85	86	90	97	86	81	75	86	(X)	(X)

B Estimated number of victimizations too small to be statistically reliable. X Not applicable.
[1] Includes races not shown separately. [2] Persons of Spanish origin may be of any race. [3] Excludes personal larceny.

No. 291. Victimization Rates for Crimes Against Households: 1973 to 1981

[Rates per 1,000 households. Includes attempted offenses. Data based on National Crime Survey; see Appendix III; for further details, see source]

Year and household characteristic	Burglary			Larceny			Motor vehicle theft		
	Total [1]	White	Black	Total [1]	White	Black	Total [1]	White	Black
1973	92	87	133	107	108	104	19	18	24
1974	93	88	135	124	125	112	19	18	26
1975	92	87	129	125	127	115	19	19	27
1976	89	84	131	124	126	112	16	16	21
1977	89	84	122	123	124	116	17	16	21
1978	86	83	115	120	120	121	18	17	21
1979: All households	**84**	**80**	**114**	**134**	**133**	**133**	**18**	**17**	**22**
Homeowner	69	67	91	117	116	133	13	12	22
Renter	113	108	133	165	171	133	26	27	22
Households with income of—									
Under $7,500	94	90	112	115	117	107	12	11	13
$7,500–$14,999	87	83	113	143	142	143	19	18	25
$15,000 and over	80	77	125	148	147	164	19	18	36
1980: All households	**84**	**81**	**115**	**127**	**125**	**134**	**17**	**16**	**25**
Homeowner	72	69	101	113	111	124	14	13	27
Renter	107	104	127	152	153	142	22	22	24
Households with income of—									
Under $7,500	96	89	127	108	108	107	10	9	14
$7,500–$14,999	80	77	104	142	138	162	16	15	28
$15,000 and over	82	81	112	134	133	146	19	19	30
1981: All households	**88**	**83**	**134**	**121**	**119**	**142**	**17**	**16**	**24**
Homeowner	73	70	109	110	107	149	13	12	19
Renter	115	108	153	141	143	136	25	25	28
Households with income of—									
Under $7,500	107	96	149	119	117	127	12	12	14
$7,500–$14,999	88	83	130	123	121	132	18	17	27
$15,000 and over	81	79	116	126	123	178	18	17	37

[1] Includes other races not shown separately.

Source of tables 290 and 291: Through 1975, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States*, annual.

No. 292. Victimization Rates for Crimes Against Persons and Households, by Type: 1973 to 1981

Rate per 1,000 persons, 12 years old and over; and per 1,000 households, except percent change. *Data based on National Crime Survey; see Appendix III; for further detail see source. Minus sign (–) indicates decrease]*

Year	Personal sector									Household sector		
	Violent crimes						Larceny—Theft					
	Total	Rape	Robbery	Assault			Total	With contact	Without contact	Burglary	Larceny	Motor vehicle theft
				Total	Aggravated	Simple						
RATE												
1973	32.6	1.0	6.7	24.9	10.1	14.8	91.1	3.1	88.0	91.7	107.0	19.1
1974	33.0	1.0	7.2	24.8	10.4	14.4	95.1	3.1	92.0	93.1	123.8	18.8
1975	32.8	.9	6.8	25.2	9.6	15.6	96.0	3.1	92.9	91.7	125.4	19.5
1976	32.6	.8	6.5	25.3	9.9	15.4	96.1	2.9	93.2	88.9	124.1	16.5
1977	33.9	.9	6.2	26.8	10.0	16.8	97.3	2.7	94.6	86.5	123.3	17.0
1978	33.7	1.0	5.9	26.9	9.7	17.2	96.8	3.1	93.6	86.0	119.9	17.5
1979	34.5	1.1	6.3	27.2	9.9	17.3	91.9	2.9	89.0	84.1	133.7	17.5
1980	33.3	.9	6.6	25.8	9.3	16.5	83.0	3.0	80.0	84.3	126.5	16.7
1981	35.3	1.0	7.4	27.0	9.6	17.3	85.1	3.3	81.9	87.9	121.0	17.1
PERCENT CHANGE												
1973–1981	8.5	–	9.9	8.4	–4.3	17.0	–6.5	5.9	–7.0	–4.1	13.1	–10.3
1974–1981	7.1	–3.1	3.2	8.6	7.2	19.9	–10.5	4.5	11.0	–5.6	–2.2	–9.1
1975–1981	7.6	4.4	9.6	7.1	.3	11.3	–11.4	5.2	–11.9	–4.1	–3.5	–12.2
1976–1981	8.4	13.1	14.7	6.7	–2.2	12.4	–11.4	12.5	–12.2	–1.1	–2.5	3.9
1977–1981	4.2	6.7	19.1	.6	–3.4	3.0	–12.5	22.6	–13.5	–.7	–1.8	.8
1978–1981	4.7	–2.1	25.8	.4	–.5	.9	–12.0	4.2	–12.6	2.3	.9	–2.3
1979–1981	2.3	–12.0	18.4	–.9	–2.8	.2	–7.4	13.2	–8.0	4.6	–9.5	–2.3
1980–1981	6.2	1.1	13.0	4.7	4.1	5.0	2.6	7.3	2.4	4.3	–4.3	2.5

– Represents zero.

Source: U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States*, annual.

No. 293. Homicide Victims, by Race and Sex: 1950 to 1980

[Rates per 100,000 resident population in specified group. Beginning 1970, excludes deaths to nonresidents of U.S. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases;* for earlier years, classified *according to revision in use at the time, see* text, p. 61. See also *Historical Statistics, Colonial Times to 1970,* series H 971–978]

Year	Homicide victims					Homicide rate [2]				
	Total [1]	White		Black		Total [1]	White		Black	
		Male	Female	Male	Female		Male	Female	Male	Female
1950	7,942	2,586	952	3,450	890	5.3	3.9	1.4	(NA)	(NA)
1955	7,418	2,439	922	3,126	846	4.5	3.4	1.2	(NA)	(NA)
1960	8,464	2,832	1,154	3,345	1,013	4.7	3.6	1.4	36.7	10.4
1965	10,712	3,660	1,379	4,376	1,147	5.5	4.4	1.6	43.4	10.5
1970	16,848	5,865	1,938	7,265	1,569	8.3	6.8	2.1	67.6	13.3
1975	21,310	6,222	2,751	8,092	1,929	9.9	9.0	2.9	69.0	14.9
1976	19,554	7,568	2,547	7,327	1,767	9.0	8.2	2.6	61.6	13.4
1977	19,968	7,951	2,787	7,135	1,734	9.1	8.6	2.9	59.1	12.9
1978	20,432	8,429	2,771	7,118	1,739	9.2	9.0	2.8	58.1	12.8
1979	22,550	9,392	2,942	7,938	1,874	10.0	9.9	3.0	63.8	13.5
1980	24,278	10,381	3,177	8,385	1,898	10.7	10.9	3.2	66.6	13.5

NA Not available. [1] Includes races not shown separately. [2] Rate based on enumerated population figures as of April 1 for 1950, 1960, and 1970; July 1 estimates for other years.

No. 294. Homicide Victims: 1960 to 1980

[Beginning 1970, excludes deaths of nonresidents of the United States. See headnote, table 293. See also *Historical Statistics, Colonial Times to 1970,* series H 971–986]

Item	1960, total	1965, total	1970		1977		1978		1979		1980	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Homicides	8,464	10,712	13,278	3,570	15,355	4,613	15,838	4,594	17,628	4,922	19,088	5,190
Assault by—												
Firearms [1]	4,627	6,158	9,209	2,004	10,520	2,354	10,997	2,389	12,023	2,479	12,878	2,622
Percent of total	54.7	57.5	69.4	56.1	68.5	51.0	69.4	52.0	68.2	50.4	67.5	50.5
Cutting and piercing instru	1,836	2,292	2,229	551	2,747	795	2,729	783	3,196	881	3,461	893
Other means	1,700	1,984	1,512	1,010	1,821	1,462	1,854	1,414	2,069	1,554	2,440	1,673
Intervention of police	245	271	328	5	266	2	257	8	337	8	309	2
Execution	56	7	–	–	1	–	1	–	3	–	–	–
Infanticides [2]	199	213	80	70	96	81	82	79	104	66	114	96

– Represents zero. [1] Includes explosives. [2] Included above; homicide victims under 1 year of age.

Source of tables 293 and 294: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual.

No. 295. Homicide—Victims and Rate, Selected Countries: 1976 to 1981

[Rates per 100,000 population of all ages]

Country	Homicide victims						Homicide rate					
	1976	1977	1978	1979	1980	1981	1976	1977	1978	1979	1980	1981
U.S.	**19,554**	**19,968**	**20,432**	(NA)	(NA)	(NA)	**9.1**	**9.2**	**9.4**	(NA)	(NA)	(NA)
Australia	285	272	258	265	280	(NA)	2.0	1.9	1.8	1.8	1.9	(NA)
Austria	94	98	106	96	91	95	1.3	1.3	1.4	1.3	1.2	1.3
Canada	563	607	586	(NA)	(NA)	(NA)	2.4	2.6	2.5	(NA)	(NA)	(NA)
Denmark	35	35	27	50	70	(NA)	.7	.7	.5	1.0	1.4	(NA)
Finland	155	135	143	127	(NA)	(NA)	3.3	2.8	3.0	2.7	(NA)	(NA)
France	479	522	540	(NA)	(NA)	(NA)	.9	1.0	1.0	(NA)	(NA)	(NA)
Germany, Fed. Rep. of	778	727	740	672	709	782	1.3	1.2	1.2	1.1	1.2	(NA)
Greece	60	58	66	68	65	82	.7	.6	.7	.7	.7	.8
Ireland	11	28	24	(NA)	(NA)	(NA)	.3	.9	.7	(NA)	(NA)	(NA)
Israel [1]	58	52	60	70	69	(NA)	1.6	1.4	1.6	1.8	1.8	(NA)
Japan	1,424	1,376	1,306	1,192	1,113	(NA)	1.3	1.2	1.1	1.0	1.0	(NA)
Netherlands	112	120	112	120	111	116	.8	.9	.8	.9	.8	.8
Norway	30	33	30	38	46	55	.7	.8	.7	.9	1.1	1.3
Poland	416	454	446	362	(NA)	(NA)	1.2	1.3	1.3	1.0	(NA)	(NA)
Spain	187	240	338	393	(NA)	(NA)	.5	.7	(NA)	1.1	(NA)	(NA)
Sweden	103	97	82	112	97	(NA)	1.3	1.2	1.0	1.4	1.2	(NA)
Switzerland	56	54	46	58	60	(NA)	.9	.9	.7	.9	1.0	(NA)
United Kingdom:												
England [2]	540	449	612	523	400	(NA)	1.1	.9	1.2	1.1	.8	(NA)
Northern Ireland	210	220	87	(NA)	(NA)	(NA)	13.7	14.3	5.7	(NA)	(NA)	(NA)
Scotland	101	98	78	77	80	84	1.9	1.9	1.5	1.5	1.6	1.6

NA Not available. [1] Jewish population. [2] Includes Wales.

Source: World Health Organization, Geneva, Switzerland, unpublished data.

No. 296. Murder Victims, by Weapons Used or Cause: 1973 to 1982

[Based solely on police investigation. See text, p. 173, for definition of murder]

Year	Murder victims, total	Weapons used or cause of death								
		Guns			Cutting or stabbing		Blunt object [1]	Strangulations, beatings	Arson	All other [2]
		Total	Percent of total	Percent handguns	Total	Percent				
1973	17,123	11,249	66	53	2,985	17	848	1,445	173	423
1974	18,632	12,474	68	54	3,228	17	976	1,417	153	384
1975	18,642	12,061	66	51	3,245	17	1,001	1,646	193	496
1976	16,605	10,592	64	49	2,956	18	806	1,330	227	694
1977	18,033	11,274	63	46	3,440	19	849	1,431	252	787
1978	18,714	11,910	64	49	3,526	19	896	1,422	255	705
1979	20,591	13,040	63	50	3,954	19	997	1,557	276	767
1980	21,860	13,650	62	50	4,212	19	1,094	1,666	291	947
1981	20,053	12,523	62	50	3,886	19	1,038	1,469	258	879
1982	19,485	11,721	60	43	4,065	21	957	1,657	279	806

[1] Refers to club, hammer, etc. [2] Includes poison, drownings, and unknown.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 297. Selected Crimes, by Type: 1982

Type of crime	Offenses (1,000)	Percent		Average value lost (dol.)	Type of crime	Offenses (1,000)	Percent		Average value lost (dol.)
		Change from 1981 [1]	Incidence, 1982				Change from 1981 [1]	Incidence, 1982	
Robbery, total [2]	**493**	**−6.8**	**100.0**	**632**	**Larceny—theft, total** [2]	**6,459**	**−.9**	**100.0**	**340**
Highway	266	−3.4	54.0	414	Pocket picking	77	.9	1.2	237
Commercial house	60	−14.4	12.2	1,085	Purse snatching	92	−10.5	1.4	176
Gas station	18	−20.5	3.6	371	Shoplifting	796	6.5	12.3	71
Convenience store	28	−14.8	5.7	438	From motor vehicles	1,224	5.4	19.0	385
Residence	55	−6.1	11.3	1,043	Motor vehicle accessories	1,273	2.8	19.7	214
Bank	7	−10.1	1.3	3,347	Bicycles	573	−5.9	8.9	146
Burglary, total	**3,079**	**−9.3**	**100.0**	**880**	From buildings	1,022	−5.5	15.8	529
Residence	2,020	−11.8	65.6	927	From coin-operated machines	57	4.8	.9	132
Nonresidence	1,058	−4.2	34.4	788					

[1] Minus sign (−) indicates decrease. [2] Includes types not shown separately.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual; and unpublished data.

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No. 298. Percent of Firearms Used in Selected Crimes, by Region: 1975 to 1982

[For definitions of crimes, see text, pp. 173 and 174. For regions, see fig. I. Murder includes nonnegligent manslaughter]

Region	Murder				Aggravated assault				Robbery			
	1975	1980	1981	1982	1975	1980	1981	1982	1975	1980	1981	1982
U.S. total	65.8	62.4	62.4	60.2	24.9	23.9	23.6	22.4	44.8	40.3	40.1	39.9
Northeast	51.3	54.2	53.4	52.2	17.6	15.5	16.9	14.9	32.7	32.6	34.6	33.2
North Central	70.7	62.8	62.8	60.6	28.5	25.0	22.5	23.1	52.7	42.0	38.3	38.9
South	72.7	68.4	68.0	65.8	29.2	27.6	27.8	26.1	53.4	46.7	46.9	47.3
West	59.0	57.8	57.6	55.1	22.3	24.5	23.3	22.0	44.4	43.2	42.0	41.2

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 299. Law Enforcement Officers Killed, by Geographic Division: 1973 to 1982

[Covers officers killed in line of duty; includes Federal officers. For composition of divisions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series H 987-998]

Division	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total killed	176	179	[1] 185	[2] 140	[3] 125	145	[4] 164	[3] 165	[5] 157	[6] 164
By felons	134	132	[1] 129	[2] 111	[3] 93	93	[4] 106	[3] 104	[5] 91	[6] 92
In accidents	42	47	56	29	32	52	58	61	66	72
New England	7	2	4	4	2	4	2	6	5	5
Middle Atlantic	21	18	24	15	12	13	19	25	12	12
East North Central	21	43	32	20	10	13	23	14	16	32
West North Central	6	8	8	10	16	11	5	9	13	9
South Atlantic	37	42	31	34	31	23	36	32	35	29
East South Central	13	12	18	14	11	16	22	15	21	13
West South Central	30	23	22	21	23	30	19	25	24	33
Mountain	16	9	14	4	3	7	14	11	8	11
Pacific	21	18	22	13	15	24	18	21	19	16
Puerto Rico	4	4	6	4	1	4	4	6	3	4

[1] Includes one officer each in Virgin Islands and Guam. [2] Includes one officer in Colombia. [3] Includes one officer in Virgin Islands. [4] Includes 2 officers in Guam. [5] Includes one officer in American Samoa. [6] Includes one officer in Mariana Islands.

No. 300. Law Enforcement Officers Assaulted, by Type of Weapon Used: 1975 to 1982

Year	Population[1] (1,000)	Number of—		Total assaulted	Firearm	Knife or cutting instrument	Other dangerous weapon	Hands, fists, feet, etc.
		Agencies represented	Police officers					
1975	151,927	7,435	290,638	44,867	3,282	1,287	4,516	35,782
1979	182,027	9,638	340,764	59,031	3,237	1,720	5,543	48,531
1980	182,288	9,235	345,554	57,847	3,295	1,653	5,415	47,484
1981	177,836	9,019	332,856	57,116	3,330	1,793	4,800	47,253
1982	176,563	8,829	319,101	55,775	2,642	1,452	4,879	46,802

[1] Represents the number of persons covered by agencies shown.

Source of tables 299 and 300: U.S. Federal Bureau of Investigation, *Law Enforcement Officers Killed and Assaulted*, annual.

No. 301. Reported Child Neglect and Abuse Cases, by Division: 1978 to 1981

[The following information was derived from data provided by State child protective services personnel to the National Study on Child Neglect and Abuse Reporting, a project conducted by The American Humane Association and funded through the National Center on Child Abuse and Neglect, OHDS, DHHS. The figures represent total numbers of child maltreatment reports that were documented within the States, which includes both substantiated and unsubstantiated reports. Also, the figures embody the variation among States with respect to whether they use individual child reports or reports which indicate all involved children in the family. Minus sign (–) indicates decline]

Division	1981 population[1] (1,000)	Total number of reports (1,000)				Percent change			Reports per 1,000 population[1]			
		1978	1979	1980	1981	1978–1979	1979–1980	1980–1981	1978	1979	1980	1981
U.S. total	229,348	606.6	707.4	785.1	846.2	16.6	11.0	7.8	2.7	3.2	3.5	3.7
New England	12,448	33.4	41.3	48.3	39.0	23.5	17.1	–19.3	2.7	3.3	3.9	3.1
Middle Atlantic	36,893	76.3	85.5	91.8	101.9	12.1	7.3	11.0	2.1	2.3	2.5	2.8
East North Central	41,678	69.1	104.8	105.3	110.5	51.7	.5	4.9	1.7	2.5	2.5	2.7
West North Central	17,278	68.8	66.6	77.7	85.7	–3.2	16.6	10.3	4.0	3.9	4.5	5.0
South Atlantic	37,695	96.3	126.2	154.5	174.8	31.0	22.4	13.1	2.7	3.5	4.2	4.6
East South Central	14,745	59.5	61.5	58.2	66.1	3.4	–5.3	13.6	4.1	4.2	4.0	4.5
West South Central	24,415	52.9	61.7	69.7	88.4	16.7	13.0	26.8	2.3	2.7	2.9	3.6
Mountain	11,706	38.6	31.9	37.7	37.3	–17.3	18.0	–1.1	3.6	2.9	3.3	3.2
Pacific	32,489	111.7	127.8	141.8	142.5	14.4	11.0	.5	3.7	4.1	4.4	4.4

[1] Based on Bureau of the Census estimated resident population as of July 1.

Source: American Humane Association, Denver, Colorado, *National Analysis of Official Child Neglect and Abuse Reporting*, annual.

No. 302. Persons Arrested By Sex, Age, and Race: 1974 to 1982

[1974–1981 data represent agencies reporting 6 to 12 months; thereafter data represent those agencies reporting 12 months. See also *Historical Statistics, Colonial Times to 1970,* series H 999-1011]

ITEM	Unit	1974	1975	1976	1977	1978	1979	1980	1981	1982
SEX AND AGE										
Agencies reporting	Number	5,208	8,051	10,119	10,904	11,872	11,758	12,042	12,811	9,832
Population represented	Million	134	179	175	198	207	205	208	214	187
Percent of total population [1]	Percent	63.4	84.1	81.8	91.7	95.0	93.0	92.4	93.6	80.9
Persons arrested [2]	1,000	6,179	8,014	7,912	9,029	9,775	9,506	9,703	10,296	10,062
Male	1,000	5,185	6,752	6,672	7,581	8,227	8,011	8,170	8,633	8,425
Percent of total	Percent	83.9	84.3	84.3	84.0	84.2	84.3	84.2	83.9	83.7
Percent under 18 yr	Percent	26.4	25.5	23.3	22.5	22.0	21.3	19.7	18.8	17.0
Female	1,000	994	1,262	1,240	1,448	1,548	1,495	1,533	1,660	1,637
Percent of total	Percent	16.1	15.7	15.7	16.0	15.8	15.7	15.8	16.1	16.3
Percent under 18 yr	Percent	36.1	35.5	33.5	32.2	30.4	29.4	27.1	25.0	22.8
Under 18 years	1,000	1,683	2,078	1,973	2,170	2,279	2,143	2,026	2,036	1,805
Percent of total	Percent	27.2	25.9	24.9	24.0	23.3	22.5	20.9	19.8	17.9
18–24 years	1,000	1,886	2,482	2,517	2,920	3,257	3,279	3,426	3,594	3,527
25–34 years	1,000	1,140	1,546	1,589	1,887	2,111	2,106	2,298	2,582	2,892
35–44 years	1,000	664	870	857	970	1,037	983	1,001	1,089	1,115
45–54 years	1,000	500	644	604	665	669	600	574	593	554
55 years and over	1,000	299	386	367	409	412	385	378	400	370
RACE										
Agencies reporting	Number	5,222	7,993	10,058	10,864	11,852	11,689	12,013	12,747	9,789
Population represented	Million	124	169	173	197	207	204	208	214	186
Percent of total population [1]	Percent	58.8	79.5	80.8	91.1	94.7	92.9	92.3	93.3	80.5
Persons arrested [2]	1,000	5,853	7,671	7,384	8,972	9,688	9,468	9,684	10,264	10,000
White	1,000	4,112	5,539	5,337	6,429	6,793	6,849	7,146	7,482	7,070
Percent of total	Percent	70.3	72.2	72.3	71.7	70.1	72.3	73.8	72.9	70.7
Black	1,000	1,562	1,935	1,870	2,308	2,562	2,343	2,375	2,619	2,777
Other	1,000	179	197	177	235	333	276	163	163	153

[1] Based on resident population as of July 1.
[2] Represents each person arrested rather than number of charges filed against each. Through 1981, includes persons for whom age was not known, not shown separately in breakdown by age.

No. 303. Persons Arrested By Charge, Sex, and Age: 1978 and 1982

[In **thousands, except percent.** Represents arrests reported by 7,559 agencies (reporting 12 months) with a total 1982 population of 158,051,000 as estimated by FBI. Represents persons arrested, not charges]

CHARGE	MALE			FEMALE			PERCENT UNDER 18 YEARS OLD			
	1978, total	1982		1978, total	1982		Male		Female	
		Total	Under 18 yr.		Total	Under 18 yr.	1978	1982	1978	1982
Total persons arrested [1]	**5,835.2**	**6,557.0**	**1,094.9**	**1,124.5**	**1,307.2**	**299.1**	**22.0**	**16.7**	**31.2**	**22.9**
Serious crimes [2]	**1,254.1**	**1,430.1**	**451.1**	**329.1**	**361.2**	**103.6**	**41.9**	**31.5**	**37.4**	**28.7**
Murder [3]	11.1	12.6	1.1	2.0	2.1	.1	9.2	8.4	6.1	4.7
Forcible rape	19.8	22.9	3.4	.2	.2	.1	15.7	14.7	34.4	24.1
Robbery	79.6	94.1	23.0	6.2	7.7	1.8	30.1	24.4	29.5	22.8
Aggravated assault	158.2	186.2	23.2	23.6	26.1	4.4	15.7	12.5	18.5	16.3
Burglary—breaking or entering	335.9	345.5	137.0	23.2	24.4	9.7	52.2	39.7	51.6	40.0
Larceny—theft	540.9	678.7	230.6	263.1	288.9	83.2	44.6	34.0	37.4	28.8
Motor vehicle theft	96.9	77.4	28.0	9.2	7.9	3.5	51.3	36.2	59.8	44.5
Arson	11.7	12.7	4.8	1.6	1.9	.6	51.8	38.2	40.6	33.5
All other:										
Other assaults	277.4	310.6	44.5	45.0	53.3	12.3	17.0	14.3	26.5	23.0
Forgery and counterfeiting	38.6	47.6	4.7	17.2	28.2	2.2	14.2	9.8	13.2	9.3
Fraud	110.0	125.5	3.0	75.5	96.3	1.4	3.1	2.4	1.9	1.5
Embezzlement	4.1	4.3	.4	1.4	1.9	.1	11.2	8.4	12.6	6.9
Stolen property [4]	70.9	83.5	21.6	9.1	11.0	2.2	34.0	25.9	26.9	20.0
Weapons (carrying, possessing)	97.4	119.8	16.9	8.4	10.3	1.3	16.6	14.1	12.3	12.2
Prostitution and commercialized vice	18.4	22.6	.6	33.9	40.1	1.5	4.2	2.8	4.7	3.8
Sex offenses [5]	43.8	52.1	8.4	3.8	4.4	.6	17.8	16.1	22.1	12.7
Drug abuse violations	367.0	389.0	51.7	64.5	64.4	10.5	23.4	13.3	29.0	16.3
Gambling	30.7	20.7	.6	3.2	2.5	(z)	3.0	2.7	1.9	1.3
Offenses against family and children	35.6	34.7	.9	4.1	4.2	.5	4.0	2.5	21.2	12.2
Driving while intoxicated	858.7	1,073.7	19.3	79.9	130.1	2.5	2.3	1.8	2.6	1.9
Liquor laws	213.4	275.7	74.9	37.5	51.8	23.6	33.2	27.2	53.2	45.5
Drunkenness	696.2	842.6	25.1	71.6	77.8	4.2	3.5	3.0	6.9	5.4
Disorderly conduct	357.4	380.0	56.4	63.2	75.7	13.2	19.7	14.8	24.4	17.4
Vagrancy	19.2	19.5	2.1	4.6	3.2	.5	17.9	10.7	15.9	14.6
All other offenses, except traffic	867.7	1,077.4	148.0	170.3	207.2	40.0	19.9	13.7	28.1	19.3

Z Less than 50. [1] Includes vandalism, curfew violators and runaways. [2] Includes arson arrests, a newly established index offense in 1979. [3] Includes nonnegligent manslaughter. [4] Buying, receiving, possessing. [5] Excludes forcible rape and prostitution, shown separately.

Source of tables 302 and 303: U.S. Federal Bureau of Investigation, *Crime in the United States,* annual.

NO. 304. PERSONS ARRESTED, BY CHARGE, SEX, AND AGE: 1982

[Represents arrests (not charges) reported by 9,832 agencies (reporting 12 months) with a total 1982 population of 187 million as estimated by FBI]

CHARGE	Total (1,000)	PERCENT							
		Male	Under 15 yr.	Under 18 yr.	18-24 yr.	25-44 yr.	45-54 yr.	55-64 yr.	65 yr. and over
Total arrests	**10,062**	**83.7**	**5.5**	**17.9**	**35.1**	**37.8**	**5.5**	**2 8.**	**.9**
Serious crimes [1]	**2,152**	**80.3**	**11.7**	**30.9**	**33.5**	**29.7**	**3.3**	**1.7**	**.8**
Murder and nonnegligent manslaughter	19	86.7	1.0	8.5	34.4	46.8	5.8	3.0	1.3
Forcible rape	28	99.1	4.0	14.7	37.3	42.7	3.7	1.2	.4
Robbery	138	92.7	6.6	26.4	42.9	28.9	1.2	.4	1
Aggravated assault	259	87.1	3.7	13.2	32.7	44.8	5.9	2.5	1.0
Burglary [2]	436	93.4	14.3	39.6	37.4	21.3	1.2	.4	1
Larceny—theft	1,147	70.6	13.7	32.4	30.7	29.4	3.9	2.3	1.3
Motor vehicle theft	109	91.0	8.4	36.0	37.6	23.9	1.7	.6	.2
Arson	17	87.1	22.2	37.2	25.1	31.0	4.4	1.7	.6
All other:									
Other assaults	450	85.5	5.9	16.5	33.1	42.8	4.9	1.9	.7
Forgery and counterfeiting	80	67.4	1.7	9.7	38.1	47.4	3.5	1.1	.3
Fraud	266	59.7	2.7	7.0	27.0	57.0	6.4	2.1	.5
Embezzlement	7	69.7	1.3	7.8	35.0	47.7	6.7	2.3	.4
Stolen property [3]	115	88.5	7.1	24.7	38.7	32.1	3.0	1.2	.3
Vandalism	201	90.7	21.7	44.3	30.7	21.9	2.0	.8	.3
Weapons (carrying, etc.)	164	92.2	3.3	13.9	34.7	42.2	5.6	2.7	1.0
Prostitution and commercialized vice	111	29.0	.2	2.7	53.2	39.9	2.3	1.5	.3
Sex offenses [4]	66	92.6	6.2	16.3	28.2	42.7	7.1	4.1	1.7
Drug abuse violations	565	86.4	2.0	13.5	46.6	37.4	1.7	.7	.1
Gambling	37	89.2	.4	3.5	19.7	46.1	16.2	9.8	4.8
Offenses against family and children	45	88.4	1.5	3.5	26.8	61.9	5.9	1.5	.4
Driving while intoxicated	1,405	89.3	(z)	1.8	32.5	50.1	9.5	4.7	1.4
Liquor laws	405	84.8	2.1	29.4	51.3	14.8	2.6	1.4	.5
Drunkenness	1,035	91.6	.3	3.3	29.5	46.3	11.9	6.9	2.1
Disorderly conduct	764	85.4	3.8	15.2	38.8	37.2	5.2	2.9	.8
Vagrancy	32	87.9	2.7	11.3	34.3	43.8	6.6	3.3	.8
Suspicion	9	85.7	9.1	28.2	37.5	29.3	3.0	1.5	.5
Curfew, loitering (juveniles)	79	77.8	25.5	100.0	(x)	(x)	(x)	(x)	(x)
Runaways (juveniles)	115	41.9	43.4	100.0	(x)	(x)	(x)	(x)	(x)
All other offenses, except traffic	1,959	84.8	3.9	15.8	38.2	38.8	4.5	1.9	.7

X Not applicable Z Less than .05 percent [1] Includes arson arrests, a newly established index offense in 1979.
[2] Breaking or entering. [3] Buying, receiving, possessing. [4] Excludes forcible rape and prostitution, shown separately.

NO. 305. ARSON ARRESTS, BY SEX, AGE, AND RACE: 1973 TO 1982

[See headnote, table 302 for coverage. See also *Historical Statistics, Colonial Times to 1970,* series H 999-1011]

SEX, AGE, AND RACE	Unit	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Agencies reporting	Number	6,004	5,298	8,051	10,119	10,904	11,872	11,758	12,042	12,811	9,832
Population represented	Million	155.0	134.1	179.2	175.5	198.4	207.1	204.6	208.2	214.4	187.3
Percent of total population [1]	Percent	73.9	63.4	84.1	81.8	91.7	95.0	93.0	92.4	93.6	80.9
Persons arrested [2]	1,000	11.1	10.8	14.6	14.5	16.5	18.1	18.4	18.5	19.4	16.9
Male	1,000	9.9	9.6	12.9	12.9	14.7	15.9	16.3	16.3	17.1	14.7
Percent of total	Percent	89.1	89.5	88.7	88.9	88.7	87.8	88.7	88.1	88.5	87.1
Percent under 18 yr	Percent	60.3	58.4	53.2	54.2	50.9	49.8	49.9	45.1	43.5	37.6
Female	1,000	1.2	1.1	1.6	1.6	1.9	2.2	2.1	2.2	2.2	2.2
Percent of total	Percent	10.9	10.5	11.3	11.1	11.3	12.2	11.3	11.9	11.5	12.9
Percent under 18 yr	Percent	46.5	51.2	44.0	43.4	41.1	37.7	41.7	38.0	33.9	33.9
Under 18 years	1,000	6.5	6.3	7.7	7.6	8.2	8.8	9.0	8.2	8.2	6.3
Percent of total	Percent	58.5	58.7	53.0	52.3	49.8	48.4	49.0	44.2	42.4	37.2
18-24 years	1,000	2.1	2.0	3.2	3.2	3.8	4.3	4.4	4.8	4.8	4.2
25-34 years	1,000	1.3	1.3	1.9	2.0	2.4	2.7	2.7	3.0	3.5	3.6
35-44 years	1,000	.7	.6	1.0	.9	1.1	1.4	1.3	1.4	1.6	1.6
45-54 years	1,000	.4	.4	.5	.5	.6	.7	.6	.7	.8	.7
55 years and over	1,000	.2	.2	.3	.3	.3	.3	.3	.4	.4	.4
Agencies reporting	Number	5,914	5,222	7,993	10,058	10,864	11,852	11,689	12,013	12,747	9,789
Population represented	Million	145.0	124.3	169.5	173.5	197.0	206.6	204.4	207.9	213.8	186.5
Percent of total population [1]	Percent	69.1	58.8	79.5	80.8	91.1	94.7	92.9	92.3	93.3	80.6
Persons arrested [2]	1,000	10.4	10.1	13.7	13.6	16.4	18.0	18.3	18.4	19.3	16.8
White	1,000	8.0	7.9	10.8	10.7	12.6	13.6	14.5	14.5	15.1	12.5
Percent of total	Percent	76.4	78.1	79.3	78.7	76.8	75.8	78.9	78.7	78.4	74.0
Black	1,000	2.4	2.0	2.6	2.7	3.5	3.9	3.5	3.8	4.0	4.2
Other	1,000	.1	.1	.1	.2	.3	.4	.3	.2	.2	.2

[1] Based on resident population, as of July 1. [2] Represents each person arrested rather than number of charges filed against each. Includes persons for whom age was not known, not shown separate in breakdown by age.

Source of tables 304 and 305: U.S. Federal Bureau of Investigation, *Crime in the United States,* annual.

No. 306. Authorized Intercepts of Communication—Summary: 1970 to 1982

[Data for jurisdictions with statutes authorizing or approving interception of wire or oral communication]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Jurisdictions: [1]											
With wiretap statutes	19	24	24	24	24	24	24	26	28	29	29
Reporting interceptions	12	20	19	18	21	19	20	20	22	22	22
Intercept applications authorized	596	864	728	701	686	626	570	553	564	589	578
Residence or apartment	366	556	419	455	435	410	361	393	385	403	406
Business or other	230	308	309	246	251	216	209	160	179	186	172
Intercept installations	582	812	694	676	635	601	560	533	524	562	518
Average length (days)	22	24	23	22	23	25	24	24	24	24	26
Tap (telephone wiretap)	538	731	633	620	581	554	510	484	475	489	448
Bug [2]	44	81	61	56	54	47	50	49	49	73	70
Federal	179	130	120	106	136	77	81	87	79	106	129
State	403	682	574	570	499	524	479	446	445	456	389
Intercepted communications, avg. [3]	656	610	850	654	662	658	738	866	1,058	848	1,082
Incriminating	296	304	431	305	272	268	205	252	315	190	209
Persons arrested [4]	1,874	2,306	2,162	2,234	2,180	2,191	1,825	1,717	1,871	1,735	1,725
Convictions [4]	151	409	179	336	358	372	337	368	259	248	453
Major offense specified:											
Gambling	325	446	381	408	378	265	241	204	199	156	150
Drugs	127	229	199	178	190	237	195	250	282	318	333
Homicide and assault	21	47	21	16	10	22	25	29	13	33	31
Larceny and theft	31	36	22	5	9	20	7	7	10	7	12
Bribery	16	25	25	21	24	17	15	4	1	7	2
Extortion, usuary and loan sharking	17	21	14	27	17	13	14	15	9	7	6
Other	59	60	66	46	58	52	73	44	50	61	44

[1] Jurisdictions include Federal Government, States, and beginning 1975, District of Columbia. [2] A listening device, e.g., a microphone. Includes use of a microphone and telephone wiretap simultaneously. [3] Average per authorized installation. [4] Based on information received from intercepts installed in year shown.

Source: Administrative Office of the U.S. Courts, *Report on Applications for Orders Authorizing or Approving the Interception of Wire or Oral Communications*, annual.

No. 307. Criminal Justice System—Public Expenditures and Employment, by Level of Government: 1970 to 1979

[Expenditures are for fiscal years closing during year shown. Employment as of **October.** Expenditures are direct expenditures only and on cash flow basis. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 1012-1027]

LEVEL OF GOVERNMENT AND ACTIVITY	EXPENDITURES (mil. dol.)						FULL-TIME EQUIVALENT EMPLOYMENT					
							Total [1] (1,000)			Rate [2]		
	1970	1975	1976	1977	1978	1979	1970	1975	1979	1970	1975	1979
All governments	[3] **8,571**	[3] **17,249**	[3] **19,681**	[3] **21,574**	[3] **24,132**	[3] **26,028**	**775**	[3] **1,051**	[3] **1,178**	**38.0**	[3] **49.3**	[3] **53.5**
Police	5,060	9,786	11,028	11,865	13,120	13,917	489	625	654	24.0	29.3	29.7
Judicial	1,190	2,068	2,428	2,638	3,067	3,381	96	132	156	4.7	6.2	7.1
Legal services	442	933	1,048	1,225	1,460	1,650	38	55	73	1.9	2.6	3.3
Public defense	102	280	331	404	524	597	3	6	9	.2	.3	.4
Corrections	1,706	3,843	4,386	4,934	5,523	6,040	148	225	277	7.3	10.5	12.6
Federal government	[3] **978**	[3] **2,189**	[3] **2,450**	[3] **2,779**	[3] **3,122**	[3] **3,379**	**59**	[3] **96**	[3] **103**	**2.9**	[3] **4.5**	[3] **4.7**
Police	589	1,461	1,612	1,765	1,952	2,053	40	69	73	1.9	3.2	3.3
Judicial	129	165	219	290	321	370	7	7	8	.3	.3	.4
Legal services	102	177	149	186	216	266	7	7	8	.3	.3	.4
Public defense	56	87	104	140	209	240	(z)	(z)	(z)	(z)	(z)	(z)
Corrections	83	217	256	299	337	354	6	11	12	.3	.5	.6
State governments	[3] **2,134**	[3] **4,612**	[3] **5,204**	[3] **5,812**	[3] **6,688**	[3] **7,393**	**172**	[3] **263**	[3] **329**	**8.5**	[3] **12.4**	[3] **14.9**
Percent of total	24.9	26.7	26.4	26.9	27.7	28.4	22.2	25.0	27.9	(x)	(x)	(x)
Police	689	1,512	1,696	1,800	1,892	1,989	56	92	92	2.7	4.3	4.2
Judicial	282	498	585	651	1,013	1,199	18	26	49	.9	1.2	2.2
Legal services	83	216	248	297	386	431	7	12	20	.3	.6	.9
Public defense	9	65	70	78	98	118	1	3	4	(z)	.1	.2
Corrections	1,051	2,193	2,475	2,847	3,177	3,531	90	127	161	4.4	6.0	7.3
Local governments [4]	[3] **5,454**	[3] **10,449**	[3] **12,027**	[3] **12,983**	[3] **14,322**	[3] **15,257**	**543**	[3] **691**	[3] **746**	**26.7**	[3] **32.4**	[3] **33.9**
Percent of total	63.6	60.6	61.1	60.2	59.3	58.6	70.1	65.7	63.3	(x)	(x)	(x)
Police	3,803	6,813	7,720	8,300	9,276	9,876	394	463	489	19.3	21.7	22.2
Judicial	779	1,405	1,624	1,698	1,733	1,812	70	99	100	3.4	4.7	4.5
Legal services	257	540	651	743	859	953	25	36	45	1.2	1.7	2.1
Public defense	37	128	157	185	217	239	3	4	5	.1	.2	.2
Corrections	572	1,434	1,654	1,788	2,009	2,154	52	87	104	2.6	4.1	4.7

X Not applicable. Z Less than 500 or .05 percent. [1] Derived by dividing total payroll by full-time payroll and multiplying result by full-time employees. [2] Rate per 10,000 estimated resident population as of July 1. [3] Includes others not shown separately. [4] Data are estimates subject to sampling variation; see Appendix III and source.

Source: 1970-1977, U.S. Law Enforcement Assistance Administration and U.S. Bureau of the Census; 1978, U.S. Bureau of Justice Statistics and U.S. Bureau of the Census; thereafter, U.S. Bureau of Justice Statistics, *Expenditure and Employment Data for the Criminal Justice System*, annual.

No. 308. State and Local Government Police and Corrections Employment and Expenditures, 1960 to 1979, and by States, 1979

[Employees as of **October.** Direct expenditures for police protection are for fiscal years ending **June 30** in year stated. Local government data are estimates subject to sampling variation; see source and Appendix III]

Year, region, division, and state	Employees (full-time equivalent) [1]								Police expenditures			Corrections expenditures, State and local (mil. dol.)
	Police protection				Corrections				State and local (mil. dol.)	Local		
	State and local	Rate [2]	Local		State and local	Rate [2]	Local			Total (mil. dol.)	Percent	
			Total	Percent			Total	Percent				
1960	303,771	1.7	271,634	89.4	(NA)	(NA)	(NA)	(NA)	1,857	1,612	87	678
1965	348,559	1.8	308,472	88.5	110,700	.6	41,163	37.2	2,549	2,201	86	974
1970	449,656	2.2	393,810	87.6	142,307	.7	51,973	36.5	4,491	3,803	85	1,824
1974	539,409	2.6	449,587	83.3	203,230	1.0	82,070	40.4	7,290	5,984	82	3,026
1975	555,849	2.6	463,404	83.4	213,813	1.0	86,880	40.6	8,326	6,813	82	3,627
1976	556,926	2.6	466,042	83.7	227,576	1.1	93,156	40.9	9,417	7,720	82	4,130
1977	573,582	2.7	479,908	83.7	243,248	1.1	97,696	40.2	10,099	8,300	82	4,635
1978	581,957	2.7	489,514	84.1	253,448	1.2	102,040	40.3	11,168	9,261	83	5,186
1979	**580,448**	**2.6**	**488,853**	**84.2**	**264,868**	**1.2**	**103,849**	**39.2**	**11,864**	**9,876**	**83**	**5,686**
Regions:												
Northeast	132,140	3.1	131,612	86.5	61,422	1.3	26,376	42.9	3,438	3,006	87	1,341
No. Central	142,328	2.4	122,852	86.3	58,375	1.0	22,164	38.0	2,861	2,417	84	1,250
South	176,108	2.5	144,555	82.1	90,701	1.3	27,703	30.5	3,044	2,421	80	1,752
West	109,869	2.7	89,834	81.8	54,371	1.4	27,608	50.8	2,522	2,031	81	1,343
N. Eng	**32,813**	**2.7**	**27,319**	**83.3**	**11,566**	**.9**	**1,912**	**16.5**	**668**	**551**	**83**	**265**
Maine	2,228	2.0	1,727	77.5	954	.8	228	23.9	36	25	69	16
N.H	2,178	2.4	1,754	80.5	794	.9	221	27.8	37	28	76	15
Vt	1,006	2.0	605	60.1	476	.9	1	.2	16	8	50	12
Mass	16,737	2.9	14,497	86.6	5,836	1.0	1,452	24.9	357	312	87	135
R.I	2,636	2.8	2,207	83.7	875	.9	–	–	49	39	80	26
Conn	8,028	2.6	6,529	81.3	2,631	.8	10	.4	173	139	80	61
Mid Atl	**119,327**	**3.2**	**104,293**	**87.4**	**49,856**	**1.4**	**24,465**	**49.1**	**2,770**	**2,454**	**89**	**1,076**
N.Y	65,900	3.7	59,522	90.3	28,566	1.6	12,303	43.1	1,695	1,572	93	642
N.J	25,648	3.5	22,083	86.1	10,220	1.4	6,145	60.1	510	435	85	179
Pa	27,779	2.3	22,688	81.7	11,070	.9	6,017	54.4	565	447	79	255
E. No. Cent	**103,762**	**2.5**	**90,438**	**87.2**	**42,485**	**1.0**	**16,190**	**38.1**	**2,160**	**1,859**	**86**	**925**
Ohio	22,523	2.1	19,912	88.4	11,450	1.1	4,854	42.4	449	394	88	210
Ind	11,319	2.1	9,097	80.4	4,591	.8	1,670	36.4	188	141	75	86
Ill	35,633	3.1	31,931	89.6	11,298	1.0	4,362	38.6	748	668	89	260
Mich	23,087	2.5	19,391	84.0	10,775	1.2	4,201	39.0	559	464	83	273
Wis	11,200	2.4	10,107	90.2	4,371	.9	1,103	25.2	216	192	89	96
W. No. Cent	**36,566**	**2.3**	**32,414**	**84.0**	**15,888**	**.9**	**5,973**	**37.6**	**700**	**563**	**80**	**326**
Minn	7,813	1.9	6,608	84.6	3,642	.9	1,808	49.6	171	138	81	89
Iowa	5,769	2.0	4,560	79.0	2,430	.8	822	33.8	106	78	74	56
Mo	13,465	2.8	11,730	87.1	4,768	1.0	2,085	43.7	235	198	84	84
N. Dak	1,186	1.8	1,001	84.3	394	.6	135	34.3	21	18	66	7
S. Dak	1,400	2.0	1,109	79.2	471	.7	86	18.3	24	17	71	10
Nebr	3,500	2.2	2,784	79.5	1,719	1.1	441	25.7	60	45	75	37
Kans	5,433	2.3	4,622	85.1	2,464	1.0	596	24.2	83	69	83	43
So. Atl	**92,138**	**2.5**	**75,173**	**81.6**	**55,178**	**1.5**	**14,526**	**26.3**	**1,652**	**1,318**	**80**	**1,081**
Del	1,639	2.7	890	54.3	1,048	1.8	–	–	34	19	56	20
Md	12,737	3.0	9,833	77.2	6,702	1.6	1,297	19.4	256	199	78	155
D.C	4,802	7.3	4,802	100.0	2,911	4.4	2,911	100.0	103	103	100	78
Va	11,799	2.2	9,028	76.5	9,458	1.8	2,638	27.9	209	158	76	168
W. Va	3,351	1.7	2,325	69.4	1,254	.6	337	26.9	55	34	62	21
N.C	12,153	2.1	9,875	81.3	8,208	1.4	1,022	12.5	196	150	77	176
S.C	7,010	2.3	5,030	71.8	3,842	1.2	619	16.1	107	70	65	62
Ga	12,488	2.3	10,405	83.3	7,262	1.3	2,152	29.6	199	158	79	126
Fla	26,159	2.8	22,985	87.9	14,493	1.5	3,550	24.5	493	427	87	275
E. So. Cent	**30,002**	**2.1**	**24,433**	**81.4**	**13,572**	**.9**	**4,570**	**33.7**	**498**	**379**	**76**	**258**
Ky	7,126	2.0	5,267	73.9	3,157	.9	952	30.2	133	88	66	67
Tenn	9,393	2.1	8,213	87.4	5,463	1.2	1,858	34.0	159	136	86	98
Ala	8,606	2.2	7,156	83.2	3,130	.8	1,261	40.3	135	106	79	57
Miss	4,877	1.9	3,797	77.9	1,822	.7	499	27.4	71	49	69	36
W. So. Cent	**53,964**	**2.3**	**44,948**	**83.3**	**21,951**	**.9**	**8,607**	**39.2**	**896**	**724**	**81**	**411**
Ark	4,233	1.9	3,333	78.7	1,670	.7	572	34.3	59	43	73	29
La	11,518	2.8	9,685	84.1	5,927	1.4	1,833	30.9	199	154	77	111
Okla	6,508	2.2	5,215	80.2	3,710	1.2	544	14.7	100	75	75	67
Tex	31,705	2.3	26,715	84.3	10,644	.8	5,658	53.2	538	452	84	204
Mt	**29,930**	**2.7**	**24,499**	**81.9**	**12,361**	**1.1**	**4,433**	**35.9**	**594**	**468**	**79**	**281**
Mont	1,875	2.4	1,524	81.3	873	1.1	221	25.3	30	23	77	16
Idaho	2,217	2.4	1,768	79.7	712	.8	190	26.7	36	26	72	13
Wyo	1,407	3.1	1,185	84.2	472	1.0	112	23.7	25	19	76	16
Colo	7,487	2.6	6,482	86.6	2,677	.9	1,030	38.5	144	122	85	68
N. Mex	3,466	2.7	2,670	77.0	1,414	1.1	415	29.3	58	44	76	35
Ariz	7,665	2.9	6,078	79.3	3,537	1.3	1,514	42.8	185	144	78	74
Utah	3,257	2.3	2,544	78.1	1,107	.8	257	23.2	62	44	71	25
Nev	2,556	3.3	2,248	87.9	1,569	2.1	694	44.2	54	46	85	34
Pac	**79,939**	**2.5**	**65,333**	**81.7**	**42,010**	**1.3**	**23,175**	**55.1**	**1,926**	**1,564**	**81**	**1,062**
Wash	8,246	2.1	6,544	79.4	4,820	1.2	1,882	39.0	181	143	79	108
Oreg	5,953	2.3	4,751	79.8	3,240	1.3	1,299	40.1	128	98	77	83
Calif	61,634	2.7	50,658	82.2	32,657	1.4	19,904	60.9	1,511	1,244	82	824
Alaska	1,408	3.5	804	57.1	558	1.4	39	7.0	53	27	51	23
Hawaii	2,698	2.8	2,576	95.5	735	.8	51	6.9	53	52	98	24

– Represents zero. NA Not available. [1] See footnote 1, table 307. [2] Rate per 1,000 estimated resident population, as of July 1.

Source: 1960-1977, U.S. Law Enforcement Assistance Administration and U.S. Bureau of the Census, 1978, U.S. Bureau of Justice Statistics and U.S. Bureau of the Census: thereafter, U.S. Bureau of Justice Statistics, *Expenditure and Employment Data for the Criminal Justice System*, annual.

No. 309. Average Annual Salary Scales of Police and Firefighters, by City-Size Group: 1970 to 1980

[As of Jan. 1. Based on a study covering cities with a population of 100,000 or more]

Employee group and year	Minimum scales for cities with population of—					Maximum scales for cities with population of—				
	All cities	100,000-249,999	250,000-499,999	500,000-999,999	1,000,000 or more	All cities	100,000-249,999	250,000-499,999	500,000-999,999	1,000,000 or more
POLICE										
1970	$8,448	$7,357	$7,926	$7,888	$9,300	$10,017	$8,648	$9,385	$9,616	$10,927
1975	11,180	10,068	10,734	10,681	12,054	14,007	12,256	13,028	13,567	15,299
1979	14,002	12,610	13,396	13,555	15,147	17,640	15,712	16,371	17,506	19,110
1980	15,159	13,521	14,590	14,741	16,412	19,066	16,970	17,827	19,044	20,566
FIREFIGHTERS										
1970	8,041	7,103	7,685	7,786	9,253	9,482	8,349	9,089	9,293	10,828
1975	10,739	9,786	10,480	10,587	11,958	13,254	11,815	12,755	13,168	15,047
1979	13,446	12,348	13,066	13,231	15,062	16,829	15,274	16,003	17,033	18,863
1980	14,377	13,131	14,126	14,109	16,096	18,186	16,380	17,291	18,456	20,468

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, March 1981. Based on data from International City Management Assoc., Fraternal Order of Police, and International Association of Firefighters.

No. 310. Legal Services—Selected Data: 1972 and 1977

[Excludes legal aid societies and other tax-exempt legal services]

Item	Unit	1972				1977			
		Total [1]	Sole proprietorships	Partnerships	Professional service organizations [2]	Total	Sole proprietorships	Partnerships	Professional service organizations [3]
Establishments, total	1,000	144.5	95.8	25.5	4.6	167.9	124.4	29.2	14.2
Receipts	Mil. dol	10,938	2,885	5,911	1,056	18,696	4,739	10,093	3,864
Establishments with payroll	1,000	77.3	30.9	23.7	4.5	94.9	53.8	27.2	13.8
Receipts	Mil. dol	9,724	1,730	5,857	1,053	17,147	3,309	9,992	3,847
Payroll (annual)	Mil. dol	2,318	310	1,284	527	5,217	698	2,347	2,172
Paid employees [4]	1,000	267.7	53.6	150.1	31.5	392.0	93.1	197.8	101.2
Operating expenses	Mil. dol	4,757	783	2,613	855	10,205	1,714	5,029	3,461
Establishments [5] with annual receipts of—									
Under $30,000	1,000	17.5	9.6	1.3	.2	14.2	12.6	1.1	.5
$30,000 to $99,999	1,000	34.6	17.1	7.7	1.0	36.5	27.2	6.6	2.7
$100,000 to $499,000	1,000	18.1	3.0	11.2	2.1	27.7	7.0	13.8	6.9
$500,000 or more	1,000	2.6	.1	2.0	.4	5.5	.2	3.5	1.8

[1] Includes other and unknown legal forms, not shown separately. [2] Excludes expense-sharing associations. [3] Includes expense-sharing associations and other legal forms. [4] For week including March 12. [5] Establishments with payroll operating entire year.

Source: U.S. Bureau of the Census, *Census of Service Industries, 1972* and *1977, Establishment and Firm Size* (SC 72-S-1 and SC 77-S-1), and *Legal Services* (SC 72-S-4 and SC 77-S-5).

No. 311. Federal Prosecutions of Public Corruption: 1970 to 1982

[As of Dec. 31. Prosecution of persons who have corrupted public office in violation of Federal Criminal Statutes]

Prosecution status	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total: [1] Indicted	63	160	208	244	291	255	563	507	557	687	721	878	729
Convicted	44	108	142	181	217	179	380	440	409	555	552	730	671
Awaiting trial	-	-	5	18	5	27	199	210	205	187	213	231	186
Federal officials: Indicted	9	58	58	60	59	53	111	129	133	128	123	198	158
Convicted	9	40	42	48	51	43	101	94	91	115	131	159	147
Awaiting trial	-	-	4	2	1	5	1	32	42	21	16	23	38
State officials: Indicted	10	21	17	19	36	36	59	50	55	58	72	87	49
Convicted	7	16	10	17	23	18	35	38	56	32	51	66	43
Awaiting trial	-	-	-	-	-	5	30	33	20	30	28	36	18
Local officials: Indicted	26	46	106	85	130	139	194	157	171	212	247	244	257
Convicted	16	28	75	64	87	94	100	164	127	156	168	211	232
Awaiting trial	-	-	-	2	4	15	98	62	72	67	82	102	58

- Represents zero. [1] Includes individuals who are neither public officials nor employees but who were involved with public officials or employees in violating the law, not shown separately.

Source: U.S. Department of Justice, *Federal Prosecutions of Corrupt Public Officials, 1970-1980*, and *Report to Congress on the Activities and Operations of the Public Integrity Section* for 1982, April 1983.

No. 312. U.S. Supreme Court—Cases Filed and Disposition: 1970 to 1982

[Statutory term of court begins first Monday in **October**. See *Historical Statistics, Colonial Times to 1970*, series H 1063-1078, for related but not comparable data]

ACTION	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total cases on docket	**4,212**	**4,668**	**4,761**	**4,731**	**4,704**	**4,731**	**4,781**	**5,144**	**5,311**	**5,079**
Appellate cases on docket	1,903	2,308	2,352	2,324	2,341	2,383	2,509	2,749	2,935	2,710
From prior term	325	540	431	452	472	434	425	527	522	545
Docketed during present term	1,578	1,768	1,921	1,872	1,869	1,949	2,084	2,222	2,413	2,165
Cases acted upon	1,613	1,967	1,900	2,019	1,979	2,023	2,050	[1] 2,324	[1] 2,513	[1] 2,279
Granted review	214	235	244	237	224	210	199	167	203	169
Denied, dismissed, or withdrawn	1,285	1,594	1,538	1,620	1,676	1,734	1,776	1,999	2,100	1,892
Summarily decided	114	138	118	162	79	79	75	90	114	113
Cases not acted upon	290	341	452	305	362	360	459	425	422	413
Pauper cases on docket	2,289	2,348	2,395	2,398	2,349	2,331	2,249	2,371	2,354	2,352
Cases acted upon	1,802	1,976	1,997	2,083	1,960	1,996	1,838	[1] 2,027	[1] 2,039	[1] 2,013
Granted review	41	28	28	30	24	27	32	17	7	10
Denied, dismissed, or withdrawn	1,683	1,914	1,903	2,013	1,899	1,938	1,757	1,968	2,014	1,995
Summarily decided	78	34	66	40	37	31	49	32	12	6
Cases not acted upon	487	372	398	315	389	335	411	344	315	339
Original cases on docket	20	12	14	8	14	17	23	24	22	17
Cases disposed of during term	7	4	7	2	3	–	1	7	6	3
Total cases available for argument	267	278	280	269	260	249	238	264	318	312
Cases disposed of	160	178	181	181	185	170	160	162	192	199
Cases argued	151	175	179	176	172	168	156	154	184	183
Cases dismissed or remanded without argument	9	3	2	5	13	2	4	8	8	16
Cases remaining	107	100	99	88	75	79	78	102	126	113
Cases decided by signed opinion	126	144	160	154	153	153	143	144	170	174
Cases decided by per curiam opinion	22	20	16	22	8	8	12	8	10	6
Number of signed opinions	109	123	138	126	129	130	130	123	141	151

– Represents zero. [1] Includes cases granted review and carried over to next term, not shown separately.

Source: Office of the Clerk, Supreme Court of the United States, unpublished data.

No. 313. U.S. Courts of Appeals: 1965 to 1982

[For years ending **June 30**. See also *Historical Statistics, Colonial Times to 1970*, series H 1079-1096]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Cases commenced [1]	**6,766**	**11,662**	**16,436**	**16,658**	**18,408**	**19,118**	**18,918**	**20,219**	**23,200**	**26,362**	**27,946**
Criminal	1,223	2,660	4,067	4,187	4,650	4,738	4,487	4,102	4,405	4,377	4,767
U.S. civil	1,387	2,167	3,267	2,981	3,327	3,622	3,928	3,983	4,654	4,940	5,517
Private civil	2,677	4,834	6,157	6,511	7,077	7,358	7,234	8,237	10,200	12,074	13,267
Administrative appeals	1,106	1,522	2,205	2,290	2,515	2,564	2,382	2,922	2,950	3,800	3,118
Cases terminated [1]	**5,771**	**10,699**	**15,422**	**16,000**	**16,426**	**17,784**	**17,714**	**18,928**	**20,887**	**25,066**	**27,984**
Criminal	1,014	2,581	4,299	4,005	4,238	4,554	4,461	4,320	3,993	4,192	4,522
U.S. civil	1,229	1,912	2,791	3,094	2,853	3,198	3,437	3,857	4,346	5,021	5,508
Private civil	2,183	4,367	5,847	6,252	6,248	6,680	6,813	7,175	8,942	11,327	13,115
Administrative appeals	1,004	1,407	1,734	1,909	2,359	2,510	2,256	2,602	2,643	3,303	3,549
Cases disposed of [2]	**3,546**	**6,139**	**8,451**	**9,077**	**9,351**	**11,400**	**8,850**	**9,285**	**10,607**	**12,168**	**12,720**
Affirmed or granted	2,635	4,626	6,429	6,763	6,995	7,826	6,717	7,062	8,017	9,004	9,560
Reversed or denied	773	1,280	1,579	1,632	1,680	1,715	1,536	1,542	1,845	2,246	2,136
Other	138	233	443	682	676	1,859	597	681	745	918	1,022
Median months [3]	8.0	8.2	6.8	7.4	7.1	7.0	8.0	8.2	8.9	9.3	8.9

[1] Includes original proceedings and bankruptcy appeals not shown separately. [2] After hearing or submission. Beginning 1974, data not comparable with earlier years due to changes in criteria. [3] From filing of complete record to final disposition.

Source Administrative Office of the U.S. Courts, *Annual Report of the Director.*

No. 314. U.S. District Courts—Trials: 1965 to 1982

[For years ending **June 30**. A trial is defined as a contested proceeding (other than a hearing on a motion) before either court or jury in which evidence is introduced and final judgment sought. See footnote 1, table 316. See also *Historical Statistics, Colonial Times to 1970*, series H 1112-1118]

TYPE OF TRIAL	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total	**11,485**	**16,032**	**18,572**	**19,236**	**19,580**	**18,827**	**18,851**	**18,563**	**19,825**	**21,239**	**21,397**
Civil trials	7,613	9,449	10,972	11,603	11,656	11,605	11,515	11,764	13,191	14,697	14,753
Nonjury	4,459	6,078	7,403	7,903	8,098	7,792	8,326	8,348	9,254	10,047	10,074
Jury	3,154	3,371	3,569	3,700	3,558	3,813	3,189	3,416	3,937	4,650	4,679
Criminal trials	3,872	6,583	7,600	7,633	7,924	7,222	7,336	6,799	6,634	6,542	6,644
Nonjury	1,143	2,357	2,753	2,726	2,773	2,661	3,344	3,132	3,216	2,962	3,076
Jury	2,729	4,226	4,847	4,907	5,151	4,561	3,992	3,667	3,418	3,580	3,568

Source: Administrative Office of the U.S. Courts, *Annual Report of the Director.*

No. 315. U.S. District Courts—Civil and Criminal Cases: 1965 to 1982

[In thousands, except percent. For years ending June 30. See also *Historical Statistics, Colonial Times to 1970*, series H 1097-1111]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Civil cases: Commenced	67.7	87.3	103.5	117.3	130.6	130.6	138.8	154.7	168.8	180.6	206.2
Cases terminated [1]	63.1	79.5	96.7	103.8	108.3	115.5	123.2	140.0	155.0	172.9	185.5
No court action	29.3	31.1	35.9	39.2	41.7	45.2	45.3	60.2	68.7	72.1	81.6
Court action, total	33.8	48.4	60.8	64.6	66.6	70.3	77.8	79.9	86.2	100.8	103.9
Before pretrial	17.1	29.4	38.6	40.3	41.6	43.5	48.7	49.7	53.8	61.1	67.3
Pretrial	9.4	11.0	13.9	15.6	16.2	17.7	19.7	20.5	22.4	28.3	25.3
Trials	7.3	8.0	8.4	8.7	8.8	9.0	9.4	9.6	10.1	11.4	11.3
Percent reaching trial	11.6	10.0	8.7	8.4	8.1	7.8	7.6	6.9	6.5	6.6	6.1
Criminal cases: Commenced [2]	31.6	38.1	37.7	41.1	39.1	39.8	34.6	31.5	28.0	30.4	31.6
Defendants disposed of [3]	33.7	36.4	48.0	49.2	51.6	53.2	45.9	41.2	36.6	38.1	40.5
Not convicted	5.0	8.2	11.8	11.8	11.5	11.7	9.4	8.3	8.0	8.3	8.2
Dismissed	3.8	6.6	10.0	10.3	9.8	10.0	7.8	6.8	6.6	7.0	7.1
Acquitted	1.2	1.6	1.8	1.5	1.7	1.8	1.6	1.5	1.3	1.3	1.2
Convicted	28.8	28.2	36.2	37.4	40.1	41.5	36.5	32.9	28.6	29.9	32.3
By guilty plea [4]	25.9	24.1	30.7	31.8	34.0	35.3	31.1	27.3	23.1	24.3	27.4
By court or jury	2.8	4.1	5.6	5.6	6.1	6.1	5.4	5.6	5.5	5.5	4.9
Imprisonment	13.7	12.4	17.2	17.3	18.5	19.6	17.4	14.6	13.2	13.7	15.9
Probation	10.8	11.4	16.6	17.9	18.2	16.1	14.5	13.5	11.1	12.2	12.7
Fine and other	4.3	4.4	2.4	2.2	3.4	5.8	4.6	4.9	4.4	4.0	3.7

[1] Excludes land condemnation cases. [2] Excludes transfers. [3] Excludes D.C., Canal Zone, Guam, and Virgin Islands, except that defendants disposed of includes D.C. beginning 1973; Canal Zone, Guam, and Virgin Islands beginning 1976; and N. Mariana Islands beginning 1978. [4] Includes nolo contendere.

No. 316. U.S. District Courts—Civil Cases Commenced and Terminated: 1982

[For year ending June 30]

NATURE OF SUIT	Cases commenced	Cases terminated	No court action	Total court action	Before pretrial	Pretrial	Trials, total [1]	Percent reaching trial
Total	**206,193**	**189,473**	**82,547**	**106,926**	**69,356**	**25,425**	**12,145**	**6.4**
U.S. cases [2]	**75,773**	**72,249**	**39,813**	**32,436**	**26,906**	**3,030**	**2,500**	**3.5**
Contract actions	34,958	31,368	25,537	5,831	5,306	402	123	.4
Real property actions	5,349	7,998	3,128	4,870	3,634	333	903	11.3
Tort actions	2,973	3,154	1,270	1,884	882	592	410	13.0
Actions under statutes	32,477	21,334	6,068	15,266	13,703	994	569	2.7
Private cases [3]	**130,420**	**117,224**	**42,734**	**74,490**	**42,450**	**22,395**	**9,645**	**8.2**
Federal question	79,197	72,680	24,248	48,432	31,379	11,867	5,186	7.1
Diversity of citizenship [4]	50,555	43,869	17,998	25,871	10,972	10,486	4,413	10.1
Contract actions	25,423	22,457	10,109	12,348	5,872	4,508	1,968	8.8
Tort actions	22,691	19,085	6,801	12,284	4,279	5,701	2,304	12.1

[1] Indicates the number of cases terminated where there was a trial. Table 314 indicates the number of civil trials that were completed. The cases themselves may not have been terminated. [2] Includes prisoner petitions, land condemnations and deportations not shown separately. [3] Includes local jurisdiction cases and other actions not shown separately. [4] Includes real property actions not shown separately.

No. 317. U.S. District Courts—Criminal Cases Commenced and Defendants Disposed of, by Nature of Offense: 1981 and 1982

[For years ending June 30]

NATURE OF OFFENSE	1981		1982, cases commenced [1]	DISPOSITION OF DEFENDANTS, 1982							
				Not convicted		Convicted			Sentenced		
	Cases commenced [1]	Defendants disposed of		Total	Acquitted	Total	Guilty plea	By court or jury	Imprisonment	Probation	Fine and other
Total [2]	**30,355**	**38,127**	**31,623**	**8,214**	**1,163**	**32,252**	**27,392**	**4,860**	**15,857**	**12,723**	**3,672**
General offenses:											
Homicide	186	168	151	42	13	130	79	51	89	14	27
Robbery	1,415	1,514	1,427	219	50	1,526	1,195	331	1,431	91	4
Assault	559	630	579	195	45	411	326	85	271	121	19
Burglary	125	143	143	33	2	141	111	30	100	40	1
Larceny—theft	3,030	3,753	2,887	688	97	2,869	2,597	272	1,265	1,434	170
Embezzlement and fraud	6,580	7,631	6,781	1,175	224	6,801	5,922	879	2,700	3,911	190
Auto theft	350	543	369	90	9	429	362	67	306	120	3
Forgery, counterfeiting	1,810	2,102	2,128	371	43	1,909	1,724	185	1,075	825	9
Sex offenses	152	156	135	36	6	107	71	36	81	19	7
DAPCA [3]	3,697	7,008	4,193	1,645	285	6,336	4,798	1,538	4,586	1,617	133
Misc. general offenses	8,416	8,395	8,757	2,596	248	6,591	5,707	884	2,177	1,942	2,472

[1] Excludes transfers. [2] Includes items not shown separately. [3] All marihuana, narcotics and controlled substances prosecutions under the Drug Abuse, Prevention and Control Act.

Source of tables 315-317: Administrative Office of the U.S. Courts, *Annual Report of the Director.*

No. 318. State Courts of General Jurisdiction—Cases, Courts, and Judges: 1978

[For further detail regarding volume and flow of cases through the State Court Systems, refer to Parts I and II of the publication cited below, which contain text, summary tables and individual profiles for all reported data, respectively: Illinois, Iowa, South Dakota, Idaho, and Washington, D.C. have a single-tier trial court which processes cases handled in both general and limited jurisdiction courts in other States]

Division and state	Beginning pending (1,000)	Filed (1,000)					Disposed (1,000)	Ending pending (1,000)	Courts		Number of judges
		Total	Civil	Criminal	Traffic	Juvenile			Number	Districts or circuits	
New Eng.: Maine	[1] [2] 10.6	[2] 15.7	8.0	5.4	[2] 2.2	(x)	14.2	[1] [2] 11.6	1	16	14
N.H	25.1	26.6	19.5	7.1	(x)	(x)	25.5	26.2	1	10	15
Vt	7.2	7.0	6.9	-	(x)	(x)	6.8	7.3	1	14	8
Mass	125.9	(NA)	(NA)	(NA)	(x)	(x)	(NA)	123.3	1	14	46
R.I	(NA)	10.0	6.8	3.2	(x)	(x)	(NA)	(NA)	1	4	17
Conn	38.1	32.0	28.1	3.9	(x)	(x)	28.3	41.8	1	9	45
Middle Atl.: N.Y	[3] 75.3	96.2	64.7	31.5	(x)	(x)	97.3	[3] 74.8	2	58	361
N.J	93.4	101.4	74.3	27.1	(x)	(x)	96.2	98.6	2	21	206
Pa	96.6	296.0	186.1	72.6	(x)	37.4	287.2	101.3	1	59	309
E. No. Cent.: Ohio	[4] 178.8	496.9	254.8	31.6	(x)	210.5	484.4	[4] 188.8	1	88	314
Ind	[2] 254.9	[2] 346.0	201.0	44.1	[2] 83.9	17.0	[2] 321.5	[2] 277.4	3	131	171
Ill	[5] 533.2	[6] 7,633.9	689.7	518.0	[6] 6,397.1	29.2	[6] 5,209.3	[5] 564.0	1	21	642
Mich	[7] [8] 61.0	[7] [8] 199.4	[7] 115.5	[7] [8] 17.7	(NA)	(x)	[7] [8] 197.6	[7] [8] 61.9	3	50	161
Wis	[2] [9] 192.9	[2] 341.5	188.4	43.0	[2] 82.6	27.6	[2] 301.1	[2] [9] 232.9	2	26	181
W. No. Cent.: Minn	[10] 10.9	[10] 27.1	16.5	10.7	(x)	(NA)	[10] 28.1	[10] 10.0	1	10	72
Iowa	[2] [11] 129.8	[2] 517.7	143.8	177.0	[2] 190.7	6.2	[2] [11] 481.6	[2] [11] 156.8	1	8	322
Mo	87.4	117.2	79.6	19.0	(x)	18.6	113.7	90.8	2	45	116
N. Dak	[2] [12] 5.0	[2] 17.3	10.0	1.1	[2] .5	5.7	[2] 17.8	[2] [12] 5.6	1	7	19
S. Dak	(NA)	[13] 7.2	[13] 4.5	(NA)	(NA)	[13] 2.7	[13] 139.3	(NA)	1	8	145
Nebr	10.8	27.4	21.3	6.2	(x)	(x)	27.0	11.3	1	21	45
Kans	[14] 39.5	[2] [14] 410.4	[14] 92.1	25.2	[2] 267.1	26.0	[2] [14] 360.4	[14] 43.2	1	29	210
So. Atl.: Del	12.5	10.0	6.7	3.3	(x)	(x)	9.5	13.0	2	6	14
Md	[15] 103.7	133.2	74.7	36.1	(x)	22.4	117.8	[15] 118.6	1	29	90
D.C	[2] [16] 33.4	[2] 246.4	158.3	28.3	[2] 53.4	6.4	[2] [16] 246.9	[2] [16] 32.9	1	1	44
Va	105.1	125.1	72.0	53.1	(x)	(x)	115.2	114.9	1	31	107
W. Va	53.5	54.1	37.0	10.9	(x)	6.1	47.3	60.3	1	31	57
N.C	98.8	124.5	[17] 71.2	53.3	(x)	(x)	119.8	103.5	1	32	66
S.C	[18] 26.2	[18] 58.6	28.3	[18] 30.3	(x)	(x)	[18] 58.8	[18] 26.0	1	16	25
Ga	133.2	165.5	110.7	42.0	12.8	(x)	156.5	142.5	1	42	101
Fla	(NA)	[19] 435.0	262.4	95.8	(x)	[19] 76.7	[19] 397.4	(NA)	1	20	292
E. So. Cent.: Ky	(NA)	65.0	54.8	10.1	(x)	(x)	60.8	(NA)	1	56	87
Tenn	[2] 96.9	[2] 117.4	85.9	28.1	[2] 3.4	(x)	110.0	[2] 104.3	4	70	116
Ala	(NA)	111.1	70.5	23.3	(x)	17.3	109.1	(NA)	1	38	112
Miss	(NA)	[20] 65.5	[20] 57.4	[20] 8.1	(x)	(NA)	(NA)	(NA)	2	40	66
W. So. Cent.: Ark	[21] [22] 65.8	[22] 81.6	67.3	[22] 14.3	(x)	(x)	[21] [22] 69.8	71.7	2	37	56
La	(NA)	370.5	141.0	229.5	(x)	(x)	(NA)	(NA)	1	40	134
Okla	[2] [23] 267.9	[2] 457.6	181.0	59.3	[2] 209.1	8.1	[2] 479.2	[2] [23] 246.1	1	25	189
Tex	[24] 388.0	[24] 394.7	[24] 296.1	[24] 86.2	(x)	[24] 12.3	[24] 377.3	[24] 405.4	2	299	309
Mt.: Mont	(NA)	29.3	25.1	2.8	(x)	1.4	23.5	(NA)	1	19	29
Idaho	[2] 40.0	[2] 298.7	48.2	29.2	[2] 213.4	7.9	[2] 291.6	[2] 47.1	1	7	96
Wyo	[25] 4.4	14.0	11.6	1.4	(x)	1.0	[25] 10.5	[26] 4.7	1	9	15
Colo	92.1	125.0	93.2	15.0	(x)	16.8	[8] 115.2	102.0	5	29	105
N. Mex	26.4	49.3	40.6	4.9	(x)	3.8	46.3	29.4	1	13	39
Ariz	[26] 82.7	[26] 94.8	[26] 79.6	14.0	(x)	[26] 1.2	[26] 89.5	[26] 88.7	1	14	76
Utah	23.5	32.0	28.5	3.4	(x)	(x)	27.6	27.7	1	7	24
Nev	(NA)	[27] 11.4	[27] 9.0	[27] 1.6	(x)	[27] .7	(NA)	(NA)	1	9	25
Pac.: Wash	(NA)	135.6	103.9	14.3	(x)	17.4	[28] 97.9	(NA)	1	28	111
Oreg	[29] 46.6	91.3	60.7	16.1	(x)	14.5	[29] 67.1	[28] 50.5	2	21	76
Calif	(NA)	726.7	563.4	58.1	(x)	105.2	599.1	(NA)	1	58	551
Alaska	[30] 12.5	13.9	11.4	1.2	(x)	1.3	12.5	[29] 13.4	1	4	20
Hawaii	30.2	32.6	22.7	2.1	-	7.8	29.4	33.5	3	6	23

- Represents or rounds to zero. NA Not available. X Not applicable. [1] Excludes support/custody cases. [2] Excludes parking cases. [3] No pending data were available for criminal "indictments—outside New York City." [4] No pending data were available for civil wrongful death, adoption, birth records, estate minor's settlement, mental health, or name change cases. [5] Excludes civil estate cases, criminal misdemeanors from non-suburban Cook County, or any traffic data. [6] Includes parking cases. [7] No data were available for one Circuit Court location. Six other Circuit Court locations reported only total filing and disposition figures; and did not report figures for civil, criminal, traffic, and juvenile or the pending figures. [8] Data were not available for all courts in the State. [9] Excludes juvenile traffic cases. [10] Excludes juvenile data. [11] Excludes domestic relations, estate, and juvenile cases. No disposition data were available for guardianship/conservatorship/trusteeship cases. [12] Excludes juvenile cases and juvenile traffic offenses. [13] The only civil filing data available were for estate cases. Juvenile filings do not include other juvenile cases. Disposition figure excludes juvenile criminal type offense and juvenile status offense cases. Excludes cases heard by the lawyer magistrates and lay magistrate/clerks. [14] Pending figures exclude small claims, adoption, mental health, estate, traffic, or juvenile data. Filing figures exclude other estate cases. Disposed figures exclude small claims, adoption, mental health, or total juvenile data. [15] Excludes sentence review only cases or adult offenses against juveniles cases. [16] Pending data exclude estate cases. [17] Includes estate and special proceeding cases disposed of by the clerks of the Superior Court. [18] Criminal and total figures include criminal cases disposed in the South Carolina County Court and Civil and Criminal Court, both of which are courts of limited jurisdiction. [19] No data were available for juvenile status offense cases. [20] Excludes two months of data for one Circuit Court location, and three months of data for one Chancery Court location. No juvenile data were available for the Chancery Court. [21] Pending and disposed data for adoption, guardianship/conservatorship/trusteeship, other estate, and mental health cases were not available for the Chancery and Probate Courts and are not included in the total. [22] Includes a nominal level of juvenile cases and juvenile appeals. [23] Excludes criminal postconviction remedy cases. [24] Represents a less than complete number of monthly statistical reports; the reporting rate was ninety-eight percent. [25] Excludes estate juvenile cases. [26] Civil figures adoption data for Maricopa County. Mental health pending and filing figures were not available. Juvenile data were not available for Maricopa or Yuma counties. [27] Second Disrict only (Washoe County). Approximately twenty-five percent of the total State population lives in this district. [28] No disposition data were available for mental health, or juvenile cases. [29] No Circuit Court data were available for adoption, mental health, or juvenile cases. [30] Criminal pending data were available for felony cases only. No juvenile pending data were available.

Source: National Center for State Courts, Williamsburg, Va., *State Court Caseload Statistics: Annual Report, 1978.*

No. 319. State Courts of General and Limited Jurisdiction: 1981

[**In thousands except percent.** The 1977 data were drawn from *State Court Caseload Statistics: Annual Report, 1977,* by the National Center for State Courts. Data for current caseload estimates were collected through a special survey, conducted in August 1982, of State Court Administrative Offices. In most States the data are reported for either fiscal year 1981–82 or calender year, 1981. 1977 includes Guam and Pureto Rico, 1981 excludes them. Minus sign (−) denotes decreases. See source for limitations on use of data]

DIVISION AND STATE	Total cases filed	CIVIL		CRIMINAL		Juve-nile	Traffic
		Total	Percent change 1977–81	Total	Percent change 1977–81		
U.S	**80,247**	**13,347**	**22.1**	**11,998**	**31.5**	**1,475**	**55,163**
New Eng.: Maine [1]	256	58	[2] 22.3	96	[2] −1.2	13	88
N.H.	314	65	10.1	39	5.9	7	202
Vt.	129	25	20.7	17	−8.1	2	86
Mass.[1]	[3] 4,486	466	[2] 13.3	658	[2] 131.9	119	[3] 3,244
R.I.[1]	(NA)	40	[2] −1.0	39	[2] 17.0	7	(NA)
Conn.	639	212	2.3	110	20.1	14	303
Mid. Atl.: N.Y.[1]	2,500	794	[2] 16.0	1,209	[2] 41.4	37	460
N.J.	(NA)	573	[2] 23.1	32	[2] 17.1	110	(NA)
Pa.	[3] 5,849	515	24.9	745	30.5	48	[3] 4,540
E. No. Cent.: Ohio [1]	[3] 2,826	619	6.1	406	25.5	203	[3] 1,598
Ind.	914	388	40.4	145	18.2	26	354
Ill.	[3] 7,974	647	4.2	712	38.0	33	[3] 6,582
Mich.[1]	[3] 2,138	264	[2] 58.4	538	[2] 15.4	22	[3] 1,314
Wis.	748	327	[4]	162	[4]	28	231
W. No. Cent.: Minn.	[3] 1,859	251	[4]	115	[4]	45	[3] 1,449
Iowa	914	133	22.7	114	−14.4	8	661
Mo.	1,040	221	[4]	148	[4]	15	656
N. Dak.	168	26	30.7	22	15.7	1	120
S. Dak.	(NA)	36	[4]	136	[4]	(NA)	(NA)
Nebr.[1]	447	81	[2] 2.6	174	[2] 6.1	3	189
Kans.[1]	435	118	24.0	30	19.4	11	[2] 276
So. Atl.: Del.	245	50	24.3	57	18.6	10	128
Md.[1]	[3] 1,439	591	[2] 51.2	172	[2] 10.9	30	[3] 646
D.C.	198	146	[5] −9.3	37	26.0	5	10
Va.	[3] 2,318	771	63.7	399	21.0	133	[3] 1,014
W. Va.[1]	[3] 329	90	[2] 3.4	117	[2] −26.7	8	[3] 115
N.C.	1,564	379	12.9	488	17.9	20	677
S.C.	1,078	182	[2] 4.9	470	[2] 127.1	10	416
Ga.[1]	798	257	[2] 17.3	45	[2] 28.8	34	361
Fla.	3,403	554	[6] 17.1	448	[6] 28.4	114	2,288
E. So. Cent.: Ky.	716	187	[4]	217	[4]	36	275
Tenn.[1]	(NA)	95	[4]	37	[4]	(NA)	(NA)
Ala.[1]	631	216	[2] 16.0	140	[2] 15.4	47	228
Miss.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
W. So. Cent.: Ark.	740	99	11.7	147	12.6	14	479
La.[1]	1,273	239	21.9	[7] 537	54.9	30	468
Okla.[1]	484	208	[4]	(NA)	[4]	8	(NA)
Tex.	6,234	679	23.4	1,317	21.8	12	4,227
Mt.: Mont.[1]	(NA)	7	[4]	1	[4]	1	(NA)
Idaho.	[3] 303	52	15.5	33	12.6	8	[3] 210
Wyo.[1]	(NA)	12	−1.0	2	26.2	1	(NA)
Colo.[1]	470	203	31.1	60	41.5	26	182
N. Mex.[1]	[3] 522	66	[2] 5.8	69	[2] 46.5	4	[3] 382
Ariz.	1,441	139	[2] 19.1	148	[2] 24.2	1	1,153
Utah [1]	610	93	46.9	37	16.1	35	444
Nev.	363	82	[4]	53	[4]	3	226
Pac.: Wash.	[3] 2,064	218	27.9	171	29.7	24	[3] 1,650
Oreg.	(NA)	155	26.1	150	78.0	(NA)	672
Calif.	[3] 18,266	1,640	25.1	924	16.0	102	[3] 15,600
Alaska	141	31	48.9	22	10.3	1	87
Hawaii	[3] 981	47	40.8	53	30.0	9	[3] 872

NA Not available. [1] These States represent virtually all cases filed in general jurisdiction courts and 70–80 percent of cases filed in limited jurisdiction courts; courts shown reported no data: Ala.-probate and municipal courts; Colo.-municipal court; Ga.-justice of the peace, small claims, municipal, magistrate, civil, criminal, recorder's, mayor's, city council, and police courts; Kans.-municipal court; La.-justice of the peace and mayor's courts; Maine-probate court; Md.-orphan's court; Mass.-probate and family court department; Mich.-court of claims, Common Pleas Court of Detroit, and municipal and probate courts; Mont.-justice of the peace, city, and municipal courts; Neb.-separate juvenile court, workmen's compensation court; N.J.-surrogate's and municipal courts; N. Mex.-municipal and probate courts; N.Y.-town and village justice courts; Ohio-mayor's court; Okla.-municipal court; R.I.-municipal and probate courts; Tenn.-county, general sessions, probate, juvenile, trial justice, and municipal courts; Utah-juvenile and justice of the peace courts; W. Va.-municipal court; Wyo.-county, justice of the peace, and municipal courts. [2] Some courts reported data in one reporting year but not in the other; only data from the courts listed were used in the following States: Ala.-Circuit and district courts; Ariz.-Superior court; Colo.-all trial courts except municipal and water courts; Ga.-Superior, State, and probate courts (criminal only); La.-all trial courts except the justice of the peace and mayor's courts; Maine-Superior and district courts (civil only); Md.-Circuit and district courts; Mass.-all trial courts except the probate and family court department ; Mich.-Circuit court (except for 1st Circuit) and 90 (of 98) locations of the district court; Neb.-District, county, and municipal courts; N.J.-Superior, county district (civil only), tax (1981 only), and juvenile and domestic relations courts; N. Mex.-District and magistrate courts; N.Y.-all trial courts except the town and village justice courts. Town and village courts hear about 2 million cases a year; R.I.-Superior, district, family courts; S.C.-Circuit, family, and magistrate courts; W. Va.-Circuit court; Wyo.-District court. [3] Parking tickets included in the traffic caseload. [4] Data submitted from these States but could not be used because of problems with comparability: Ky., Minn., Mo., Mont., Nev., Okla., S. Dak., Tenn., and Wis. [5] 17,173 cases of the overall decrease (−9.3%) in the civil caseload of the District of Columbia are due entirely to a decrease in small claims and landlord/tenant matters (courts of limited jurisdiction). The remainder of the civil caseload shows an increase of 13%. [6] 1977 data cover only an 11-month period for Fla.; the total was not adjusted for this. [7] Traffic filings could not be completely separated from criminal and juvenile filings in La.

Source: U.S. Bureau of Justice Statistics, Special Report, *State Court Caseload Statistics, 1977 to 1981,* February 1983, NCJ-87587.

NO. 320. ADULTS UNDER CORRECTIONAL SUPERVISION, 1979 TO 1981, AND BY STATE, 1981

[As of **Dec. 31**, except as noted. Excludes juveniles, persons incarcerated in mental helath institutions in lieu of prison, persons held by the armed services, persons held on Indian reservations, parolees under county jurisdiction, parolees whose sentences were for 1 year or less, and court probationers (those not placed under the supervisory authority of a probation agency). For composition of regions, see fig. I, inside front cover]

YEAR, REGION, DIVISION, AND STATE	Resident population[1] (1,000)	PERSONS UNDER CORRECTIONAL SUPERVISION					RATE PER 10,000 ADULT RESIDENTS				
		Total	Jail[2]	Prison[3]	Parole[4]	Probation[5]	Total	Jail[2]	Prison[3]	Parole[4]	Probation[5]
1979	157,529	1,778,639	179,000	314,457	217,697	1,067,485	113	11	20	14	68
1980	162,762	1,880,386	191,000	329,821	222,036	1,137,529	115	12	20	14	70
1981, U.S. total[6]	**166,147**	**2,040,245**	**203,000**	**368,772**	**226,174**	**1,242,299**	**123**	**12**	**22**	**14**	**75**
Regions:											
Northeast	36,547	347,199	24,129	53,397	46,096	223,577	95	7	15	13	61
No. Central	42,334	370,818	27,937	72,348	36,739	233,794	88	7	17	9	55
South	55,308	795,616	66,775	159,712	81,775	487,354	144	12	29	15	88
West	31,958	386,969	37,942	55,182	40,222	253,623	121	12	17	13	79
New Eng	**9,243**	**87,149**	**2,998**	**11,422**	**6,787**	**65,942**	**94**	**3**	**12**	**7**	**71**
Maine	818	4,493	319	992	204	2,978	55	4	12	2	36
N.H	680	3,097	362	398	479	1,858	46	5	6	7	27
Vt	373	4,205	-	534	271	3,400	113	-	14	7	91
Mass	4,323	36,824	2,317	3,889	3,405	27,213	85	5	9	8	63
R.I	716	6,921	-	962	244	5,715	97	-	13	3	80
Conn	2,333	31,609	-	4,647	2,184	24,778	135	-	20	9	106
Mid. Atl	**27,305**	**260,050**	**21,131**	**41,975**	**39,309**	**157,635**	**95**	**8**	**15**	**14**	**58**
N.Y	13,021	125,002	10,852	25,599	19,865	68,686	96	8	20	15	53
N.J	5,462	55,916	3,873	7,011	9,706	35,326	102	7	13	18	65
Pa	8,822	79,132	6,406	9,365	9,738	53,623	90	7	11	11	61
E. No. Cent	**29,867**	**267,229**	**21,008**	**55,769**	**28,308**	**162,144**	**89**	**7**	**19**	**9**	**54**
Ohio	7,757	56,816	5,377	14,968	8,471	28,000	73	7	19	11	36
Ind	3,893	33,882	2,301	8,022	2,155	21,404	87	6	21	6	55
Ill	8,270	93,130	5,758	13,206	8,244	65,922	113	7	16	10	80
Mich	6,539	54,201	5,708	15,157	6,585	26,751	83	9	23	10	41
Wis	3,408	29,200	1,864	4,416	2,853	20,067	86	5	13	8	59
W. No. Cent	**12,467**	**103,589**	**6,929**	**16,579**	**8,431**	**71,650**	**83**	**6**	**13**	**7**	**57**
Minn	2,949	22,161	1,504	2,024	1,633	17,000	75	5	7	6	58
Iowa	2,093	13,959	654	2,670	785	9,850	67	3	13	4	47
Mo	3,601	31,458	2,829	6,489	2,970	19,170	87	8	18	8	53
N. Dak	468	1,624	117	280	129	1,098	35	3	6	3	23
S. Dak	484	6,205	253	693	259	5,000	128	5	14	5	103
Nebr	1,134	10,316	638	1,653	255	7,770	91	6	15	2	69
Kans	1,738	17,866	934	2,770	2,400	11,762	103	5	16	14	68
So. Atl	**27,680**	**415,715**	**33,707**	**85,841**	**35,612**	**260,555**	**150**	**12**	**31**	**13**	**94**
Del	436	6,229	-	1,712	624	3,893	143	-	39	14	89
Md	3,121	67,088	3,553	9,335	6,132	48,068	215	11	30	20	154
D.C	492	15,345	1,407	3,479	3,281	7,178	312	29	71	67	146
Va	3,977	31,781	4,077	9,388	5,637	12,679	80	10	24	14	32
W. Va	1,400	5,939	1,044	1,565	485	2,845	42	7	11	3	20
N.C	4,320	63,804	2,766	15,791	6,875	38,372	148	6	37	16	89
S.C	2,235	33,342	2,328	8,538	3,306	19,170	149	10	38	15	86
Ga	3,930	86,915	8,269	12,444	2,652	63,550	221	21	32	7	162
Fla	7,769	105,272	10,263	23,589	6,620	64,800	136	13	30	9	83
E. So. Cent	**10,438**	**97,701**	**13,967**	**24,345**	**17,371**	**42,018**	**94**	**13**	**23**	**17**	**40**
Ky	2,602	28,352	2,089	4,167	8,996	13,100	109	8	16	35	50
Tenn	3,336	25,899	4,492	7,897	3,280	10,230	79	13	24	10	31
Ala	2,772	28,065	5,027	7,657	2,361	13,020	101	18	28	9	47
Miss	1,728	15,385	2,359	4,624	2,734	5,668	89	14	27	16	33
W. So. Cent	**17,190**	**282,200**	**19,101**	**49,526**	**28,792**	**184,781**	**164**	**11**	**29**	**17**	**107**
Ark	1,634	11,323	1,277	3,328	2,918	3,800	69	8	20	18	23
La	2,965	32,425	5,217	9,415	1,913	15,880	109	18	32	6	54
Okla	2,235	22,546	1,676	5,281	2,299	13,290	101	7	24	10	59
Tex	10,356	215,906	10,931	31,502	21,662	151,811	208	11	30	21	147
Mt	**8,185**	**79,155**	**7,514**	**15,123**	**6,697**	**49,821**	**97**	**9**	**18**	**8**	**61**
Mont	563	4,146	304	831	642	2,369	74	5	15	11	42
Idaho	650	3,917	498	957	396	2,066	60	8	15	6	32
Wyo	340	2,166	244	587	205	1,130	64	7	17	6	33
Colo	2,153	18,945	1,658	2,772	1,096	13,419	86	8	13	5	62
N. Mex	910	6,876	755	1,497	1,094	3,530	76	8	16	12	39
Ariz	1,993	23,316	2,484	5,223	1,319	14,290	117	12	26	7	72
Utah	954	9,934	675	1,140	773	7,346	104	7	12	8	77
Nev	622	9,855	896	2,116	1,172	5,671	158	14	34	19	91
Pac	**23,773**	**307,814**	**30,428**	**40,059**	**33,525**	**203,802**	**129**	**13**	**17**	**14**	**86**
Wash	3,074	53,634	2,437	5,336	15,102	30,759	174	8	17	49	100
Oreg	1,933	21,093	1,855	3,295	1,751	14,192	109	10	17	9	73
Calif	17,784	223,938	26,093	29,202	16,080	152,563	126	15	16	9	86
Alaska	279	2,477	43	1,019	101	1,314	89	2	37	4	47
Hawaii	703	6,672	-	1,207	491	4,974	95	-	17	7	71

- Represents zero. [1] 18 years and over; 1979 and 1981, as of July 1; 1980, as of April 1. [2] The total yearend adult jail populations were estimated using a straight line interpolation from February 15, 1978 (156,783) to June 30, 1982 (207,853). The most recently collected State data are for February 15, 1978. Includes both convicted and unconvicted adults held in locally operated jails. Connecticut, Delaware, Hawaii, Rhode Island, and Vermont had integrated jail/prison systems; the total incarcerated population appears as the prison population. [3] Includes all inmates of Federal and State institutions. Data from Bureau of Justice Statistics, *Prisoners in State and Federal Institutions on December 31, 1981*, Table 1. [4] Includes all adults under Federal or State parole supervision, whether released from prison via parole board decision or mandatory release, who were sentenced to more than 1 year in prison. [5] Includes all adults who, as part of a Federal, State, or local court order, have been placed under the supervisory authority of a probation agency. [6] Includes both State and Federal.

Source: National Council on Crime and Delinquency, *Parole in the United States: 1980 and 1981* and *Probation in the United States: 1980 and 1981*.

NO. 321. JUVENILES HELD IN CUSTODY—PUBLIC AND PRIVATE JUVENILE RESIDENTS AND FACILITIES: 1975 TO 1979

[1975 as of June 30; 1977 and 1979 as of Dec. 31]

CHARACTERISTIC	Unit	PUBLIC CUSTODY			PRIVATE CUSTODY		
		1975	1977	1979	1975	1977	1979
Number of residents [1]	Number	49,126	45,920	45,396	27,450	29,377	28,717
Juvenile	Number	46,980	[2] 44,096	[2] 43,234	27,290	[2] 29,070	[2] 28,688
Male	Number	37,926	36,921	37,167	19,152	20,387	20,512
Female	Number	9,054	7,175	6,067	8,138	8,683	8,176
White	Number	(NA)	27,963	26,053	(NA)	21,917	21,654
Black	Number	(NA)	14,865	13,752	(NA)	6,005	5,843
Average age [3]	Year	(NA)	15.3	15.3	(NA)	14.9	14.9
Male	Year	15.3	15.4	15.5	15.3	14.9	14.9
Female	Year	15.0	15.1	15.1	15.4	15.0	15.0
Number of admissions (all residents) [4]	Number	641,189	614,385	568,802	56,708	67,045	69,507
Number of departures (all residents) [4]	Number	632,983	622,151	560,751	50,986	61,571	64,574
Average daily residents [4]	Number	48,794	48,032	47,803	26,740	29,611	28,566
Facilities, total	Number	874	992	1,015	1,277	1,600	1,561
Short-term [5]	Number	387	448	464	66	126	75
Long-term [6]	Number	487	544	551	1,211	1,474	1,486
Occupancy less than 70 percent	Percent	36	32	34	21	20	22
70–100 percent	Percent	51	59	56	79	78	76
More than 100 percent	Percent	13	9	10		2	2
Personnel, total	Number	52,534	61,060	61,108	[7] 27,651	[7] 30,918	[7] 32,921
Full-time	Number	41,156	43,322	44,350	(NA)	22,381	23,538
Juveniles per full-time staff member	Number	1.1	1.0	1.0	(NA)	1.3	1.2
Expenditures	Mil. dol	594.1	707.7	842.5	273.6	384.3	465.2
Capital	Mil. dol	34.5	29.4	53.3	19.2	21.0	25.9
Operating	Mil. dol	559.6	678.4	789.2	254.5	363.3	439.3
Per capita operating cost [8]	$1,000	11.5	14.1	16.5	9.5	12.3	15.4

NA Not available. [1] Includes adults. [2] Includes races not reported and races not shown. [3] Based on juvenile residents only. [4] Juvenile and adult. [5] Detention type facility mainly holding youths prior to adjudication and placement for treatment. [6] Treatment or correctional type facility housing committed youths following adjudication. [7] Includes community volunteers. [8] Based on average daily residents.

Source: U.S. Law Enforcement Assistance Administration, *Children in Custody: A Report on the Juvenile Detention and Correctional Facility Census of 1975;* and unpublished data from the *1979 Census of Juvenile Detention, Correctional and Shelter Facilities.*

NO. 322. CHILDREN'S CASES DISPOSED OF BY JUVENILE COURTS: 1960 TO 1980

[For definition of delinquency cases, see text, p. 174. Dependency and neglect cases are all cases referred to the court for some form of neglect or inadequate care on the part of parents or guardians. See also *Historical Statistics, Colonial Times to 1970,* series H 1119–1124]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980
Population 10–17 years old [1]	1,000	25,368	29,536	32,614	33,960	32,896	32,276	31,643	31,171
Delinquency cases excluding traffic [2]	1,000	510	697	1,052	1,317	1,389	1,359	1,374	1,445
Per 1,000 population 10–17 years old	Rate	20.1	23.6	32.3	38.8	42.2	42.1	43.4	46.4
Male	1,000	415	555	800	1,002	1,063	1,055	1,058	1,121
Female	1,000	99	142	252	315	326	304	316	324
Percent of total cases	Percent	19.3	20.4	24.0	23.9	23.5	22.4	23.0	22.0
Population under 18 years old [3]	1,000	64,516	69,699	70,810	68,314	66,650	65,982	65,335	64,908
Dependency and neglect cases [2]	1,000	131	157	133	143	158	158	157	153
Per 1,000 population under 18 years old	Rate	2.0	2.3	1.9	2.1	2.4	2.4	2.5	2.3

[1] U.S. Bureau of the Census estimates of civilian population as of July 1, except 1960, 1970, and 1980, as of April 1. Beginning 1977, includes number of children from age 10 to the upper age of jurisdiction for each State. [2] 1960 and 1965 delinquency cases based on data from a national sample of juvenile courts. Beginning 1970, data from all courts reporting provided the basis for the national estimates. [3] U.S. Bureau of the Census estimates of civilian population as of July 1, except 1960, 1970, and 1980, as of April 1.

Source: National Center for Juvenile Justice, Pittsburgh, Pa., *Juvenile Court Statistics,* annual.

NO. 323. JAILS—SUMMARY: 1978

[As of **February.** Excludes Federal and State prisons or other correctional institutions; institutions exclusively for juveniles; State-operated jails in Conn., Del., Hawaii, R.I., and Vt.; and other facilities which retain persons for less than 48 hours. For composition of regions, see fig. I, inside front cover]

CHARACTERISTIC	United States	North-east	North Central	South	West
Jails	**3,493**	**207**	**1,042**	**1,678**	**566**
With less than 50 inmates	2,844	109	933	1,380	422
With 50–249 inmates	519	75	89	249	106
With 250 or more inmates	130	23	20	49	38
With inmates being held for other authorities because of overcrowding	630	42	98	439	51
Number of inmates	158,394	24,228	28,452	67,444	38,270

Source: U.S. Law Enforcement Assistance Administration, *Census of Jails and Survey of Jail Inmates, 1978;* and unpublished data.

No. 324. Jail Inmates—Selected Characteristics: 1978

[See headnote, table 323]

Characteristic	Total[1]	White	Black	Characteristic	Total[1]	White	Black
Total Inmates[2]	**158,394**	**89,418**	**65,104**	Type of offense:			
Male	148,839	84,752	60,474	Violent	46,944	20,163	25,546
Female	9,555	4,666	4,630	Property	65,455	38,496	25,670
Under 30 years	110,166	60,581	46,788	Drug	13,586	8,680	4,726
30 years and over	48,228	28,836	18,316	Public order	30,088	20,597	8,363
Median age (years)	25.3	25.0	25.6	Legal representation:			
Educational attainment:				With counsel	51,572	27,318	23,345
Less than 12 years	96,265	53,084	40,923	Own lawyer	9,125	5,202	3,838
12 years or more	61,943	36,163	24,165	Provided with lawyer	42,183	22,026	19,335
Median	10.2	10.2	10.2	Without counsel	14,443	8,879	5,052
Prearrest employment status:				Detention status:			
Employed	89,526	51,193	36,195	Unconvicted inmates	66,936	36,677	28,799
Not employed	68,101	37,858	28,555	Bail status:			
With prearrest income	147,736	83,622	60,592	Set	54,304	29,305	23,861
Median income (dollars)	3,714	4,184	2,986	Not set	11,607	6,848	4,441
Without prearrest income	10,659	5,796	4,512	Convicted inmates	91,411	52,698	36,300
Military service:				Method of conviction:			
Served	39,861	26,696	12,120	Pleaded guilty	70,045	42,538	25,682
Never served	118,486	62,716	52,942	Judged guilty	20,075	9,668	9,916

[1] Includes races other than White and Black. [2] Detail may not add to total because some items are unavailable or unknown.

Source: U.S. Bureau of Justice Statistics, *Profile of Jail Inmates: Sociodemographic Findings from the 1978 Survey of Inmates of Local Jails,* October 1980.

No. 325. Federal and State Prisoners: 1950 to 1982

[Prior to 1970, excludes State institutions in Alaska and for 1950, those in Hawaii. Beginning **1977,** includes all persons under jurisdiction of Federal and State authorities rather than those in the custody of such authorities, as was the case prior to **1979.** Represents inmates sentenced to maximum term of more than a year. See also *Historical Statistics, Colonial Times to 1970,* series H 1135-1140]

Year	Present at end of year						Received from courts					
	All institutions		Federal		State		All institutions		Federal		State	
	Number	Rate[1]	Number	Rate[1]	Number	Rate[1]	Number	Rate[1]	Number	Rate[1]	Number	Rate[1]
1950	166,123	110.3	17,134	11.4	148,989	98.9	69,473	46.1	14,237	9.5	55,236	36.7
1960	212,953	118.6	23,218	12.9	189,735	105.7	88,575	49.3	13,723	7.6	74,852	41.7
1965	210,895	109.5	21,040	10.9	189,855	98.6	87,505	45.4	12,781	6.6	74,724	38.8
1970	196,429	96.7	20,038	9.8	176,391	86.8	79,351	39.1	12,047	5.9	67,304	33.1
1975	240,593	113.3	24,131	11.4	216,462	102.0	129,573	61.0	16,770	7.9	112,803	53.1
1980	315,974	139.2	20,611	9.1	295,363	130.1	142,122	62.7	10,907	4.8	131,215	57.9
1981	353,674	153.4	22,169	9.6	331,505	143.8	160,292	69.5	11,106	4.8	149,186	64.7
1982	396,072	170.2	23,652	10.2	372,420	160.0	177,109	76.1	12,461	5.4	164,648	70.7

[1] Rate per 100,000 estimated population.

No. 326. Federal and State Prisons—Prisoners, by State: 1982

[For years ending **Dec. 31;** represent inmates sentenced to maximum term of more than a year]

Sex, division, and state	Total	Rate[1]	Division and state	Total	Rate[1]	Division and state	Total	Rate[1]
U.S	**396,072**	**170**	**W. No. Cent**	**18,018**	**104**	**W. So. Cent**	**57,359**	**226**
Male	379,493	336	Minn	2,081	50	Ark	3,925	171
Female	16,579	14	Iowa	2,829	97	La	10,935	249
Federal[2]	**23,652**	**10**	Mo	7,445	150	Okla	6,350	198
State	**372,420**	**160**	N. Dak	276	41	Tex	36,149	233
			S. Dak	755	109			
New Eng	**10,778**	**86**	Nebr	1,554	98	**Mt**	**17,111**	**141**
Maine	781	69	Kans	3,078	127	Mont	914	114
N.H	445	46				Idaho	1,047	108
Vt	435	84	**So. Atl**	**91,904**	**235**	Wyo	702	138
Mass	4,527	78	Del	1,507	250	Colo	3,042	99
R.I	781	81	Md	10,427	244	N. Mex	1,447	105
Conn	3,809	120	D.C	3,351	532	Ariz	6,048	209
			Va	9,715	176	Utah	1,199	76
Middle Atl	**46,403**	**125**	W.Va	1,729	89	Nev	2,712	302
N.Y	27,951	158	N.C	15,358	254			
N.J	7,990	107	S.C	8,829	268	**Pac**	**45,506**	**136**
Pa	10,462	88	Ga	14,049	247	Wash	6,322	148
			Fla	27,139	257	Oreg	3,867	146
E. No. Cent	**59,455**	**143**				Calif	33,583	135
Ohio	17,317	160	**E. So. Cent**	**25,886**	**174**	Alaska	856	192
Ind	8,295	152	Ky	4,077	111	Hawaii	878	88
Ill	13,949	122	Tenn	7,869	169			
Mich	15,224	168	Ala	8,581	217			
Wis	4,670	98	Miss	5,359	209			

[1] Rate per 100,000 resident population of States as of Dec. 31, 1981: [2] Not included in State figures.

Source of tables 325 and 326: U.S. Bureau of Justice Statistics, *Prisoners in State and Federal Institutions on December 31,* annual.

NO. 327. FEDERAL AND STATE PAROLE POPULATION: 1975 TO 1981

[As of Dec. 31]

ITEM	1975	1976	1977	1978	1979	1980	1981 [1]
Parole population	163,100	166,100	198,000	199,600	217,700	222,000	226,200
Entries to parole	(NA)	95,400	109,000	109,800	119,600	125,400	126,300
Removals from parole	(NA)	92,400	95,300	109,700	99,600	117,300	122,200

NA Not available. [1] Preliminary.

Source: U.S. Bureau of Justice Statistics, *Parole in the United States*, annual.

NO. 328. STATE CORRECTIONAL FACILITIES—CHARACTERISTICS, BY TYPE OF INSTITUTION: 1979

[In thousands, except as indicated. A unit was designated as overcrowded if it was smaller than 60 square feet or if it provided less than 60 square feet of floor space per inmate. See headnote, table 329]

CHARACTERISTIC	Total	Confinement	Community based	CHARACTERISTIC	Total	Confinement	Community based
All facilities (number)	791	568	223	Full-time staff	94.4	91.1	3.3
Inmates [1]	274.6	263.6	11.0	Inmates/full-time staff (ratio)	2.9	2.9	3.3
Maximum security	109.7	109.7	-	Part-time staff	2.7	2.5	.2
Medium security	98.2	98.2	-	One-person units	129.5	128.3	1.2
Minimum security	62.2	51.2	11.0	Percent overcrowded	58	58	8
Not classified	3.6	3.6	-	Multiple-person units	13.3	12.9	.5
Permitted to depart each day unaccompanied	13.6	4.2	9.4	Percent overcrowded	89	90	75
On study release	.9	.4	.5	Dormitories	10.9	8.3	2.7
On work release	12.0	3.4	8.6	Percent overcrowded	18	20	11

- Represents zero. [1] Includes others, not shown separately and not classified.

NO. 329. STATE CORRECTIONAL FACILITIES—SELECTED CHARACTERISTICS, BY STATE: 1979

[Data obtained from a survey conducted between November 1979 and April 1980 for the U.S. Bureau of Justice Statistics by the U.S. Bureau of the Census. The types of facilities surveyed were: Prisons; prison farms; classification, diagnostic, reception, and medical centers; hospitals exclusively for State prisoners; drug and alcohol treatment facilities exclusively for State prisoners; road camps; forestry camps; special function facilities; and community based pre-release facilities]

REGION, DIVISION, AND STATE	Rated capacity [1]	INMATES			Confinement facilities, [2] full-time staff	DIVISION AND STATE	Rated capacity [1]	INMATES			Confinement facilities, [2] full-time staff
		Total	Percent of capacity	In maximum security				Total	Percent of capacity	In maximum security	
U.S.	**278,108**	**274,563**	**98.7**	**109,738**	**91,062**	**So. Atl.—Con.**					
Regions:						Md	6,666	7,961	119.4	2,086	2,480
Northeast	45,481	41,620	91.5	19,630	21,719	D.C	2,559	2,245	87.7	809	888
No. Central	63,389	61,682	97.3	23,080	20,618	Va	8,797	8,296	94.3	2,609	3,819
South	125,753	126,753	102.4	54,711	34,580	W. Va	1,507	1,263	83.8	144	468
West	43,485	42,508	97.8	12,317	14,145	N.C	13,805	14,732	106.7	1,304	4,134
						S.C	5,504	7,061	128.3	1,383	1,359
N. Eng	**8,859**	**8,643**	**97.6**	**2,645**	**4,457**	Ga	9,896	9,451	95.5	4,153	2,566
Maine	749	684	91.3	382	395	Fla	21,957	19,554	89.1	8,516	6,029
N.H	345	299	86.7	20	205						
Vt	481	376	78.2	95	222	**E. So. Cent**	**15,143**	**16,423**	**108.5**	**3,830**	**5,022**
Mass	2,791	2,712	97.2	798	1,614	Ky	2,959	3,680	124.4	780	1,025
R.I	838	741	88.4	285	463	Tenn	5,350	6,522	121.9	1,946	2,137
Conn	3,655	3,831	104.8	1,065	1,558	Ala	4,255	3,832	90.1	426	910
						Miss	2,579	2,389	92.6	1,278	950
Mid. Atl	**36,622**	**32,977**	**90.0**	**16,985**	**17,262**						
N.Y	21,723	19,426	89.4	10,233	11,545	**W. So. Cent**	**38,664**	**40,397**	**104.5**	**29,684**	**7,287**
N.J	6,434	5,919	92.0	3,504	2,995	Ark	3,046	3,015	99.0	2,445	540
Pa	8,465	7,632	90.2	3,248	2,722	La	7,355	6,611	89.9	1,129	2,567
						Okla	4,407	4,481	101.7	1,331	1,417
E. No. Cent	**49,280**	**48,032**	**97.5**	**17,055**	**15,198**	Tex	23,856	26,290	110.2	24,779	2,763
Ohio	14,495	13,362	92.2	3,119	3,045						
Ind	6,234	5,672	91.0	2,947	2,027	**Mt**	**11,887**	**11,555**	**97.2**	**3,955**	**3,895**
Ill	11,949	11,627	97.3	3,565	4,505	Mont	768	703	91.5	335	319
Mich	13,478	14,018	104.0	6,022	4,096	Idaho	717	801	111.7	407	298
Wis	3,124	3,353	107.3	1,402	1,525	Wyo	387	482	124.5	33	137
						Colo	2,519	2,241	89.0	1,129	661
W. No. Cent	**14,109**	**13,650**	**96.7**	**6,025**	**5,420**	N. Mex	1,308	1,511	115.5	164	333
Minn	2,078	2,030	97.7	1,016	1,071	Ariz	3,301	3,277	99.3	1,413	1,336
Iowa	2,419	2,202	91.0	828	1,078	Utah	1,201	993	82.7	169	355
Mo	4,634	5,189	112.0	2,342	1,352	Nev	1,686	1,547	91.8	305	456
N. Dak	390	235	60.3	186	125						
S. Dak	606	587	96.9	411	176	**Pac**	**31,598**	**30,953**	**98.0**	**8,362**	**10,250**
Nebr	1,473	1,193	81.0	352	660	Wash	3,702	3,884	104.9	2,204	1,447
Kans	2,509	2,214	88.2	890	958	Oreg	2,628	2,975	113.2	2,143	877
						Calif	23,972	22,745	94.9	3,654	7,224
So. Atl	**71,946**	**71,933**	**100.0**	**21,197**	**22,271**	Alaska	640	592	92.5	256	278
Del	1,255	1,370	109.2	193	528	Hawaii	656	757	115.4	105	424

[1] Rated capacity data can mean anything from the number of beds in each type of confinement unit to formal assignment of a number by State officials using set criteria. [2] A facility in which at least half of the residents are not permitted to depart, unaccompanied by an official.

Source of tables 328 and 329: U.S. Bureau of Justice Statistics, *1979 State Correctional Facilities Census.*

NO. 330. AVERAGE TIME SERVED BY PRISONERS RELEASED FROM FEDERAL INSTITUTIONS FOR FIRST TIME: 1965 TO 1982

[For years ending **June 30**; except beginning **1977**, years ending **September 30.** In computing averages, sentences to life and more than 45 years were counted as 45 years; minority sentences of juvenile delinquents were counted from date of sentence to 21st birthday]

YEAR AND OFFENSE	ALL FIRST RELEASES [1]			PAROLE [1]			EXPIRATION OF SENTENCE [1] [2]			YCA [3] RELEASES	
	Number	Average time (mo.)		Number	Average time (mo.)		Number	Average time (mo.)		Number	Avg. time served (mo.)
		Sentence	Served		Sentence	Served		Sentence	Served		
1965, all offenses	12,100	32.6	19.9	3,394	42.6	18.3	8,706	28.7	20.5	1,226	21.6
1970, all offenses	8,487	38.6	19.7	2,754	55.0	20.0	5,733	30.7	19.6	947	21.7
1975, all offenses	11,313	39.8	18.5	4,367	73.7	27.8	6,946	18.5	12.6	1,136	21.6
1976, all offenses	10,463	32.3	15.1	3,114	74.3	26.9	7,349	14.4	10.1	958	19.7
1977, all offenses	10,953	30.7	15.5	2,688	70.8	26.5	8,265	17.7	12.0	1,038	21.9
1978, all offenses	12,132	37.2	18.7	3,318	78.5	30.0	8,814	21.6	14.4	1,172	24.7
1979, all offenses	10,925	44.1	21.0	3,766	85.1	32.6	7,159	22.4	14.9	1,008	25.3
1980, all offenses	9,069	33.9	15.9	2,440	83.8	31.0	6,629	15.5	10.3	468	24.5
1981, all offenses	9,884	41.0	17.9	3,495	83.9	30.2	6,389	17.6	11.1	650	25.0
1982, all offenses [4]	**11,348**	**36.6**	**16.3**	**3,554**	**81.7**	**29.1**	**7,794**	**16.0**	**10.5**	**593**	**21.8**
Counterfeiting	242	30.9	15.8	99	51.8	18.7	143	16.5	13.8	11	12.8
Drug laws	2,496	46.3	20.3	1,114	73.4	26.6	1,382	24.5	15.2	137	18.6
Embezzlement	300	18.1	8.7	79	41.7	15.9	221	9.7	6.2	20	11.6
Escape, flight, or harboring a fugitive	104	28.7	16.6	33	49.2	23.8	71	19.2	13.2	3	10.3
Firearms	492	29.4	15.8	116	60.5	24.4	376	19.8	13.2	21	30.3
Forgery	401	31.0	15.5	167	48.1	19.9	234	18.8	12.4	36	13.2
Fraud	748	20.4	10.5	204	43.2	16.8	544	11.8	8.1	12	14.1
Immigration	2,625	6.3	4.2	116	33.2	13.5	2,509	5.0	3.8	5	24.8
Income tax	244	12.0	7.0	44	31.5	12.3	200	7.7	5.8	-	-
Juvenile delinquency	2	44.5	26.5	1	31.0	10.0	1	58.0	43.0	-	-
Kidnaping	47	217.0	64.7	35	258.1	67.3	12	97.0	57.1	5	53.2
Larceny-theft	1,445	31.7	16.2	521	52.1	21.3	924	20.2	13.4	98	17.5
Motor vehicle, interstate	252	44.6	23.1	123	57.3	23.9	129	32.6	22.4	20	25.6
Liquor laws	7	20.1	11.2	3	38.0	19.3	4	6.7	5.2	-	-
Robbery	742	138.3	50.3	539	165.1	53.6	203	67.0	41.6	144	27.4
Securities, transporting false	46	58.7	29.3	19	99.0	42.4	27	30.3	20.0	-	-
White slave traffic	20	50.6	26.1	7	74.2	36.0	13	37.8	20.7	1	34.0
Military court-martial cases	28	93.8	45.0	12	142.6	59.1	16	57.3	34.4	-	-
Govt. reservation, high seas, territories, and D.C	518	55.8	23.0	192	116.8	40.7	326	19.9	12.7	63	29.8

- Represents zero. [1] Excludes prisoners sentenced under Youth Corrections Act. [2] Includes mandatory release. [3] Youth Corrections Act. [4] Includes other offenses not shown separately. Excludes 487 first releases (escapes, pardons, etc.) other than by parole, expiration of sentence, and mandatory release; also excludes 248 second or subsequent releases.

Source: U.S. Bureau of Prisons, *Statistical Report*, annual.

NO. 331. PRISONERS UNDER SENTENCE OF DEATH: 1975 TO 1982

[As of **December 31.** Excludes prisoners under sentence of death who remained within local correctional systems pending exhaustion of appellate process or who had not been committed to prison. These data may not match data in table 332 because of revisions of totals but not to characteristics]

CHARACTERISTIC	1975	1979	1980	1981	1982	CHARACTERISTIC	1975	1979	1980	1981	1982
Total	**479**	**567**	**714**	**838**	**1,050**	Marital status:					
						Never married	217	208	268	327	413
White	214	344	427	488	604	Married	167	190	229	259	317
Black and other	265	223	287	350	446	Divorced [1]	95	169	217	252	320
Under 20 years	43	11	11	15	18	Time elapsed since sentencing:					
20-24 years	139	145	173	171	195	6 months or less	166	158	185	227	264
25-34 years	204	276	334	415	531	7-12 months	130				
35-54 years	83	128	186	224	294	13-47 months	155	309	389	416	525
55 years and over	10	7	10	13	12	48-71 months	13	97	102	110	150
Completed school:						72 months and over	15	3	38	85	111
7 years or less	71	55	68	74	81						
8 years	50	55	74	83	105	Legal status at arrest:					
9-11 years	167	187	204	247	318	Not under sentence	293	324	384	433	556
12 years	93	121	162	199	258	Parole or probation	51	88	115	147	182
More than 12 years	21	39	43	57	78	Prison or escaped	27	38	45	46	53
Unknown	77	110	163	178	210	Unknown	108	117	170	212	259

[1] Includes persons married but separated, widows, widowers, and unknown.

Source: 1975, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Capital Punishment*, annual.

No. 332. Movement of Prisoners Under Sentence of Death: 1970 to 1982

[Prisoners reported under sentence of death by civil authorities. The term "under sentence of death" begins when the court pronounces the first sentence of death for a capital offense. As a result of a major procedural change, beginning 1976, all data except executions are not strictly comparable to corresponding data for earlier years. See source for explanation]

STATUS	1970	1975	1976	1977	1978	1979	1980	1981	1982	
									Total	Murder [1]
Under sentence of death, Jan	575	244	488	420	423	482	593	691	856	854
Received death sentence [2]	133	322	249	159	209	172	198	245	264	264
White	66	145	144	82	123	104	122	130	151	151
Black	66	174	105	75	84	66	75	111	109	109
Dispositions other than executions	77	78	317	155	150	59	100	79	68	67
Executions	-	-	-	1	-	2	-	1	2	2
Under sentence of death, Dec. 31 [2]	631	488	420	423	482	593	691	856	1050	1049
White	293	218	225	229	281	354	422	497	604	604
Black	335	262	195	192	197	236	265	351	434	433

- Represents zero. [1] Prisoners found guilty of murder or of murder and other crime(s).
[2] Includes persons other than White or Black.

No. 333. Prisoners Executed Under Civil Authority: 1930 to 1982

[Excludes executions by military authorities. The Army (including the Air Force) carried out 160 (148 between 1942 and 1950, 3 each in 1954, 1955, and 1957, and 1 each in 1958, 1959, and 1961). Of the total, 106 were executed for murder (including 21 involving rape), 53 for rape, and 1 for desertion. The Navy carried out no executions during the period. See also *Historical Statistics, Colonial Times to 1970,* series H 1155-1167]

YEAR OR PERIOD	Total [1]	White	Black	EXECUTED FOR MURDER			EXECUTED FOR RAPE			OTHER OFFENSES [2]		
				Total [1]	White	Black	Total [1]	White	Black	Total [1]	White	Black
All years	**3,869**	**1,760**	**2,067**	**3,334**	**1,676**	**1,631**	**455**	**48**	**405**	**70**	**39**	**31**
1930-1939	1,667	827	816	1,514	803	687	125	10	115	28	14	14
1940-1949	1,284	490	781	1,064	458	595	200	19	179	20	13	7
1950-1959	717	336	376	601	316	280	102	13	89	14	7	7
1960-1964	181	90	91	145	79	66	28	6	22	8	5	3
1965-1967	10	8	2	10	8	2	-	-	-	-	-	-
1968-1976	-	-	-	-	-	-	-	-	-	-	-	-
1977-1982 [3]	6	5	1	6	5	1	-	-	-	-	-	-

- Represents zero. [1] Includes races other than White or Black. [2] 25 armed robbery, 20 kidnapping, 11 burglary, 8 espionage (6 in 1942, and 2 in 1953), and 6 aggravated assault. [3] See footnote 1, table 334.

No. 334. Prisoners Executed Under Civil Authority—States: 1940 to 1982

[No executions took place in Maine, Michigan, Minnesota, New Hampshire, North Dakota, Rhode Island, or Wisconsin from 1940 to 1981. At no time during this period was the death penalty authorized in Maine, Minnesota, and Wisconsin; it was abolished in Michigan in 1963 and lapsed in North Dakota in 1975 through statutory expiration; in the remaining two States, New Hampshire and Rhode Island, the death penalty was authorized during most of the period. Alaska and Hawaii are included in these data only after attaining statehood in 1959. Since 1959, neither State has authorized the death penalty]

STATE	1940 to 1949	1950 to 1959	1960 to 1967	1968 to 1976	1977 to 1982 [1]	STATE	1940 to 1949	1950 to 1959	1960 to 1967	1968 to 1976	1977 to 1982 [1]	STATE	1940 to 1949	1950 to 1959	1960 to 1967	1968 to 1976	1977 to 1982 [1]
Total [2]	**1,284**	**717**	**191**	-	**6**	Iowa	7	1	2	-	-	Ohio	51	32	7	-	-
						Kans	5	5	5	-	-	Okla	13	7	6	-	-
Ala	50	20	5	-	-	Ky	34	16	1	-	-	Oreg	12	4	1	-	-
Ariz	9	8	4	-	-	La	47	27	1	-	-	Pa	36	31	3	-	-
Ark	38	18	9	-	-												
Calif	80	74	30	-	-	Md	45	6	1	-	-	S.C	61	26	8	-	-
						Mass	9	-	-	-	-	S.Dak	1	-	-	-	-
Colo	13	3	6	-	-	Miss	60	36	10	-	-	Tenn	37	8	1	-	-
Conn	10	5	1	-	-	Mo	15	7	4	-	-	Tex	74	74	29	-	1
Del	4	-	-	-	-	Mont	1	-	-	-	-	Utah	4	6	1	-	1
D.C	16	4	-	-	-	Nebr	2	2	-	-	-	Vt	1	2	-	-	-
Fla	65	49	12	-	1	Nev	10	9	2	-	1	Va	35	23	6	-	1
Ga	130	85	14	-	-	N.J	14	17	3	-	-	Wash	16	6	2	-	-
Idaho	-	3	-	-	-	N.Mex	2	3	1	-	-	W.Va	11	9	-	-	-
Ill	18	9	2	-	-	N.Y	114	52	10	-	-	Wyo	2	-	1	-	-
Ind	7	2	1	-	1	N.C	112	19	1	-	-						

- Represents zero. [1] One execution in 1977, none in 1978, two in 1979, none in 1980, 1 in 1981 and 2 in 1982.
[2] Includes 23 Federal executions not shown by State (1940-1949, 13; 1950-1959, 9; and 1960-1967, 1).

Source of tables 332-334: Through 1978, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Capital Punishment,* annual.

407-925 O - 84 - 15 : QL 3

No. 335. Fire Losses—Total and Per Capita: 1946 to 1982

[Prior to 1962, excludes Alaska and Hawaii. Includes allowance for uninsured and unreported losses but excludes losses to government property and forests. Based on paid losses through 1953, incurred losses thereafter]

YEARLY AVERAGE	Total (mil. dol.)	YEAR	Total (mil. dol.)	Per capita [1]	YEAR	Total (mil. dol.)	Per capita [1]	YEAR	Total (mil. dol.)	Per capita [1]
1946–1950	643	1960	1,108	$6.19	1967	1,707	$8.66	1975	3,190	$15.09
1951–1955	833	1961	1,209	6.64	1968	1,830	9.20	1976	3,558	16.59
1956–1960	1,045	1962	1,265	6.80	1969	1,952	9.71	1977	3,764	17.13
1961–1965	1,340	1963	1,406	7.48	1970	2,328	11.41	1978	4,008	18.05
1966–1970	1,850	1964	1,367	7.16	1971	2,316	11.24	1979	4,851	21.60
1971–1975	2,802	1965	1,456	7.51	1972	2,304	11.08	1980	5,579	24.56
1976–1980	4,358	1966	1,497	7.64	1973	2,639	12.57	1981	5,625	24.53
					1974	3,190	$15.09	1982	5,894	25.46

[1] Based on Bureau of the Census estimated resident population as of July 1.

Source: 1946–1964, National Board of Fire Underwriters, New York, N.Y., *Report of the Committee on Statistics and Origin of Losses;* thereafter, Insurance Information Institute, New York, N.Y., *Insurance Facts,* annual.

No. 336. Fires—Number and Loss, by Type and Property Use: 1978 to 1982

[Based on annual sample survey of fire departments. No adjustments were made for unreported fires and losses. Property loss includes direct property loss only]

TYPE AND PROPERTY USE	NUMBER (1,000)					PROPERTY LOSS (mil. dol.)				
	1978	1979	1980	1981	1982	1978	1979	1980	1981	1982
Fires, total	**2,818**	**2,846**	**2,988**	**2,893**	**2,538**	**4,498**	**5,750**	**6,254**	**6,676**	**6,432**
Structure	1,062	1,037	1,065	1,027	946	4,022	4,964	5,454	5,976	5,731
Outside of structure [1]	110	80	87	81	54	32	38	61	61	52
Brush and rubbish	879	956	1,115	1,052	832	–	–	–	–	–
Vehicle	503	496	472	466	443	391	682	685	594	591
Other	264	277	249	267	263	53	66	54	45	58
Structure by property use:										
Public assembly	30	31	29	28	28	194	284	326	356	381
Educational	20	22	20	20	17	111	79	101	184	161
Institutional	39	30	28	27	29	14	34	25	38	17
Stores and offices	63	64	62	65	56	475	457	645	642	510
Residential	730	722	758	733	676	2,192	2,529	3,042	3,259	3,253
1–2 family units [2]	569	551	591	574	538	1,784	2,034	2,447	2,713	2,794
Apartments	137	146	143	137	117	310	343	401	415	353
Hotels and motels	12	11	12	12	10	82	100	154	99	84
Other residential	12	14	12	10	11	16	52	40	32	22
Storage [3]	60	64	65	62	54	342	507	512	616	584
Industry, utility, defense [3]	55	58	55	49	42	594	966	672	775	663
Special structures	65	46	48	43	44	100	108	131	106	162

– Represents zero. [1] Includes outside storage, crops, timber, etc. [2] Includes mobile homes. [3] Data underreported as some incidents were handled by private fire brigades or fixed suppression systems which do not report.

Source: National Fire Protection Association, Quincy, Mass., *U.S. Fire Experience (1977–82).*

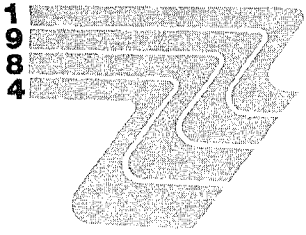
No. 337. Fires and Property Loss for Incendiary and Suspicious Fires; and Civilian Fire Deaths and Injuries By Selected Property Type: 1979 to 1982

[Based on sample survey of fire departments]

ITEM	1979	1980	1981	1982	ITEM	1979	1980	1981	1982
NUMBER (1,000)					CIVILIAN FIRE DEATHS				
Structure fires, total	**1,037**	**1,065**	**1,027**	**946**	**Deaths, total [2]**	**7,780**	**6,505**	**6,700**	**6,020**
Structure fires of incendiary or suspicious origin	149	146	155	129	Residential property	5,765	5,446	5,540	4,940
Fires of incendiary origin	89	92	88	77	One- and two-family dwellings	4,320	4,175	4,430	3,960
Fires of suspicious origin	60	54	67	52	Apartments	1,160	1,025	970	860
PROPERTY LOSS [1] (mil. dol.)					Vehicles	1,535	740	840	695
					CIVILIAN FIRE INJURIES				
Structure fires, total	**4,964**	**5,454**	**5,976**	**5,731**	**Injuries, total [2]**	**31,325**	**30,200**	**30,700**	**30,525**
Structure fires of incendiary or suspicious origin	1,328	1,760	1,658	1,604	Residential property	20,450	21,000	20,625	21,100
Fires of incendiary origin	787	1,158	1,142	1,088	One- and two-family dwellings	14,650	16,100	15,125	15,750
Fires of suspicious origin	541	602	516	516	Apartments	4,175	3,600	4,250	4,700
					Vehicles	5,175	4,075	3,400	3,425

[1] Direct property loss only. [2] Includes other not shown separately.

Source: National Fire Protection Association, Quincy, Mass., *U.S. Fire Experience (1977–82).*



Section 7

Geography and Environment

This section presents a variety of information on the physical environment of the United States, starting with basic area measurement data and ending with climate data for selected weather stations around the country. The subjects covered between those points are mostly concerned with environmental trends, but include such related subjects as land use and ownership, water consumption, hazardous waste sites, threatened and endangered wildlife, and expenditures for pollution abatement and control.

The information in this section is selected from a wide range of Federal agencies that compile the data for various administrative or regulatory purposes such as the Environmental Protection Agency, Geological Survey, National Oceanic and Atmospheric Administration, and General Services Administration. Other agencies include the Bureau of the Census, which presents nationwide area measurement information; the Council on Environmental Quality (CEQ), which presents data on environmental conditions and pollutants in its annual report; and the Bureau of Economic Analysis, which compiles data on pollution abatement and control expenditures.

Area.—Area measurements were first conducted for the United States as a whole, and gradually were extended to the individual States. The annual report of the U.S. General Land Office for 1850 contained the first reference to measurements of areas of the States and Territories. In 1881, as part of the 1880 Census of Population, the Bureau of the Census laid the foundation for accurate and detailed area measurement in the United States. For the first time an account was given of the methods and maps employed, the water bodies included, and the outer limits of the United States used as a basis for measurement. As part of the 1940 census, the Bureau published *Areas of the United States: 1940,* in which data were presented on the total land and inland water areas of the States, counties, places, and minor civil divisions. Since the 1940 census, the Bureau has published area measurement figures in each succeeding census. In 1964, the Bureau undertook a new measurement of the areas of places with at least 1,000 inhabitants, minor civil divisions, and census county divisions of the 1960 census. The results are published in *Area Measurement Reports,* series GE-20, a series of State reports and a U.S. summary. For 1980, the areas of all States and counties were completely remeasured, using newer large scale maps and more modern equipment. The land area results for these areas are published in *1980 Census of Population,* vol. 1, chapter A reports (series PC80-1-A). Data for places and minor civil divisions with a population of 2,500 and over, metropolitan areas, and urbanized areas as well as States and counties are contained in a U.S. summary report.

Geography.—The Geological Survey conducts investigations, surveys, and research in the fields of geography, geology, topography, land use/land cover, mineralogy, hydrology, and geothermal energy resources as well as natural hazards. In cooperation with State and local agencies, the Geological Survey prepares and publishes topographic, land use/land cover, geologic, and hydrologic maps and data compilations. The Geological Survey provides United States cartographic data through the National Cartographic Information Center, water resources data through a multi-volume *Catalog of Information on Water Data,* and a variety of research and Open-File reports which are announced monthly in *New Publications of the Geological Survey.*

The National Ocean Survey, a division of NOAA, is responsible for coastal and geodetic surveys and measurement of certain physical phenomena. Currently, its primary functions are to provide charts for marine and air navigation, to maintain a basic network of geodetic control, and to compile other basic data for engineering, scientific, commercial, industrial, and defense needs.

An inventory of the nation's land resources was conducted by the Soil Conservation Service in 1977. The results, published in the *National Inventory of Land Resources, 1977,* cover all non-Federal land in Puerto Rico, the Virgin Islands, and the U.S. except Alaska.

Maps prepared by the Bureau of the Census show boundaries of various types of political and statistical areas, such as places, county subdivisions, census tracts, and urbanized areas.

Environment.—The CEQ is responsible for coordinating all environmental quality programs, recommending national environmental policies, analyzing changes and trends in the environment, and for reviewing Federal programs affecting the environment. It reports on its activities in its annual publication, *Environmental Quality.* The CEQ has also published unique compilations of environ-

mental data in *Environmental Statistics, 1979,* and *Environmental Trends.* The principal Federal agency responsible for pollution abatement and control activities is the Environmental Protection Agency (EPA). It is responsible for establishing and monitoring national air quality standards, water quality activities, solid and hazardous waste disposal, and control of toxic substances.

Air sampling, conducted by the Public Health Service, began in 17 communities in 1953; in 1957 the National Air Surveillance Network was established and, by the late 1960's, covered approximately 260 urban and 30 rural stations. The operation of the stations was decentralized in 1972 to the 10 regional EPA offices and many of the stations were in turn assimilated into State and locally operated air monitoring networks. The Network determines the extent and nature of air pollution and studies trends in levels of atmospheric contaminants.

National Ambient Air Quality Standards for suspended particulate matter, sulfur dioxide, oxidants, carbon monoxide, and nitrogen dioxide were set by EPA in April 1971. Responsibility for demonstrating compliance with or progress toward achieving these standards lies with the State agencies. There are approximately 3,500 non-Federal sampling stations for suspended particulates, almost 1,000 for sulfur oxides, 460 for carbon monoxide, 720 for photochemical oxidants, and 950 for nitrogen oxides. Data from these State networks are periodically submitted to EPA's National Aerometric Data Bank for summarization in quarterly reports on the nationwide status of, and trends in, air quality; for details, see *National Air Pollutant Emission Estimates, 1970–81.*

Pollution abatement and control expenditures.—Data on expenditures for pollution abatement and control are compiled and published by the Office of Management and Budget (OMB), the U.S. Bureau of Economic Analysis (BEA), the U.S. Bureau of the Census, and the CEQ as part of ongoing programs. OMB collected and published figures annually on Federal funds spent for pollution abatement and control in *The Budget of the United States Government* up until fiscal year 1982 when it was discontinued. BEA conducts surveys on national expenditures for pollution abatement and control and presents the data in its *Survey of Current Business.* The U.S. Bureau of the Census collects data on State and local government and industry expenditures on control activities. Data on government expenditures are reported in the annual *Environmental Quality Control: Government Finances.* Industry data are reported annually in *Current Industrial Reports.* CEQ publishes data in *Environmental Quality.*

Climate.—NOAA, through the National Weather Service and the National Environmental Satellite, Data and Information Service, is responsible for data on climate. NOAA maintains about 11,600 weather stations, of which over 3,000 produce autographic precipitation records, about 600 take hourly readings of a series of weather elements, and the remainder record data once a day. These data are reported monthly in the *Climatological Data* (published by State), and monthly and annually in the *Local Climatological Data* (published by location for major cities).

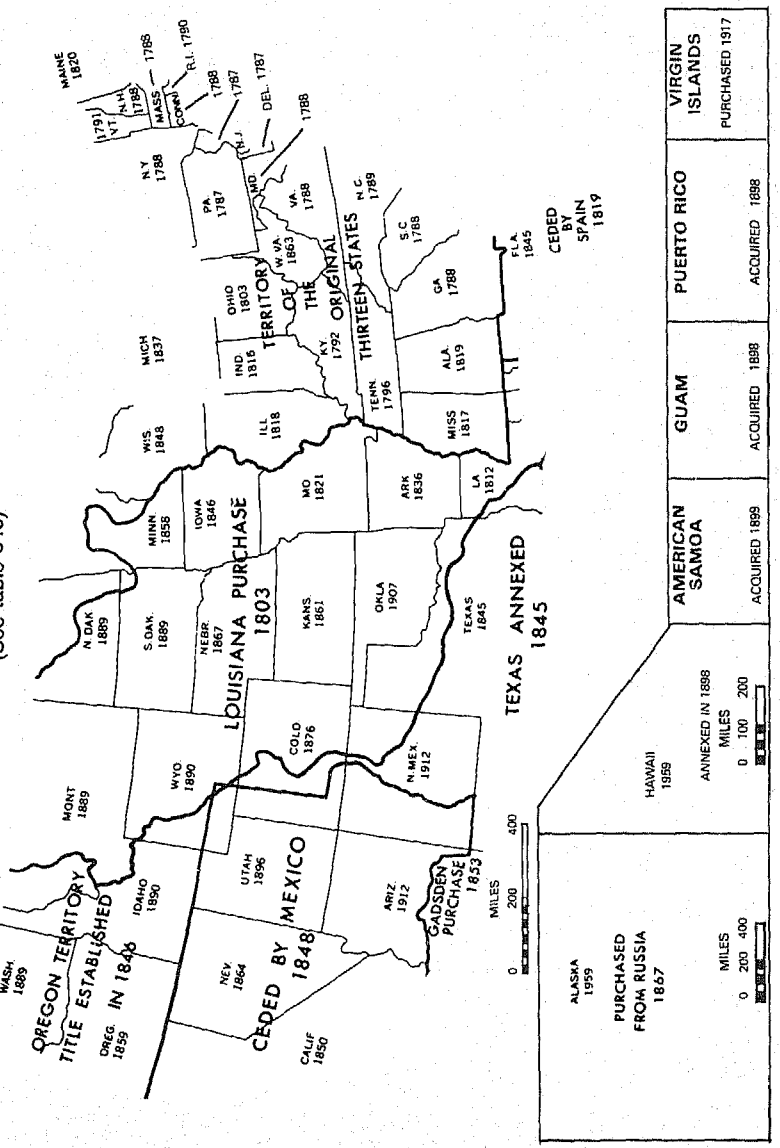
The climatological temperature, precipitation, and degree day normals listed in this publication are derived for comparative purposes and are averages for the 30-year period, 1951–80. For stations that did not have continuous records for the entire 30 years from the same instrument site, the normals have been adjusted to provide representative values for the current location. The information in all other tables is based on data from the beginning of the record at that location through 1981, except as noted.

The degree day normals are used to determine relative estimates of heating and cooling requirements for buildings. Each degree that the average temperature for a day is below 65° F produces one heating degree day. For example, if the maximum temperature is 70° F and the minimum temperature is 52° F, the average temperature for the day is 61°, resulting in four (4) heating degree days. Cooling degree days are calculated in a similar fashion for each degree that the average temperature is above 65° F. The monthly degree day normals represent the average accumulation of the daily values for the month.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 7.1 Territorial Expansion of the United States and Acquisitions of Other Principal Areas

(See table 349)



NO. 338. AREA OF STATES AND OTHER AREAS: 1980

[One sq. mile = 2.59 sq. kilometers. See *Historical Statistics, Colonial Times to 1970*, series A 210-263, for land area]

STATE OR OTHER AREA	Year admitted to statehood	TOTAL AREA			LAND AREA [1]		WATER AREA [2]	
		Rank	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.
United States	(x)	(x)	**3,618,770**	**9,372,614**	**3,539,289**	**9,166,759**	**79,481**	**205,856**
New England	(x)	(x)	**66,672**	**172,681**	**63,012**	**163,201**	**3,660**	**9,480**
Maine	1820	39	33,265	86,156	30,995	80,277	2,270	5,879
New Hampshire	[3] 1788	44	9,279	24,032	8,993	23,292	286	739
Vermont	1791	43	9,614	24,900	9,273	24,017	341	883
Massachusetts	[3] 1788	45	8,284	21,456	7,824	20,265	460	1,191
Rhode Island	[3] 1790	50	1,212	3,140	1,055	2,732	158	408
Connecticut	[3] 1788	48	5,018	12,997	4,872	12,617	147	380
Middle Atlantic	(x)	(x)	**102,203**	**264,707**	**99,733**	**258,308**	**2,470**	**6,398**
New York	[3] 1788	30	49,108	127,189	47,377	122,706	1,731	4,483
New Jersey	[3] 1787	46	7,787	20,169	7,468	19,342	319	827
Pennsylvania	[3] 1787	33	45,308	117,348	44,888	116,260	420	1,088
East North Central	(x)	(x)	**248,540**	**643,719**	**243,961**	**631,859**	**4,579**	**11,860**
Ohio	1803	35	41,330	107,044	41,004	106,201	325	843
Indiana	1816	38	36,185	93,720	35,932	93,064	253	656
Illinois	1818	24	56,345	145,934	55,645	144,120	700	1,814
Michigan	1837	23	58,527	151,586	56,954	147,511	1,573	4,075
Wisconsin	1848	26	56,153	145,436	54,426	140,964	1,727	4,472
West North Central	(x)	(x)	**517,825**	**1,341,166**	**508,132**	**1,316,063**	**9,693**	**25,104**
Minnesota	1858	12	84,402	218,601	79,548	206,030	4,854	12,571
Iowa	1846	25	56,275	145,753	55,965	144,950	310	803
Missouri	1821	19	69,697	180,516	68,945	178,568	752	1,948
North Dakota	1889	17	70,702	183,119	69,300	179,486	1,403	3,633
South Dakota	1889	16	77,116	199,730	75,952	196,715	1,164	3,014
Nebraska	1867	15	77,355	200,350	76,644	198,508	711	1,842
Kansas	1861	14	82,277	213,098	81,778	211,805	499	1,293
South Atlantic	(x)	(x)	**278,926**	**722,420**	**266,910**	**691,296**	**12,017**	**31,123**
Delaware	[3] 1787	49	2,044	5,295	1,932	5,005	112	290
Maryland	[3] 1788	42	10,460	27,092	9,837	25,477	623	1,614
District of Columbia	(x)	(x)	69	178	63	162	6	15
Virginia	[3] 1788	36	40,767	105,586	39,704	102,832	1,063	2,753
West Virginia	1863	41	24,231	62,759	24,119	62,468	112	291
North Carolina	[3] 1789	28	52,669	136,413	48,843	126,504	3,826	9,909
South Carolina	[3] 1788	40	31,113	80,582	30,203	78,227	909	2,355
Georgia	[3] 1788	21	58,910	152,576	58,056	150,364	854	2,211
Florida	1845	22	58,664	151,939	54,153	140,256	4,511	11,683
East South Central	(x)	(x)	**181,947**	**471,243**	**178,824**	**463,154**	**3,123**	**8,089**
Kentucky	1792	37	40,409	104,660	39,669	102,743	740	1,917
Tennessee	1796	34	42,144	109,152	41,155	106,591	989	2,561
Alabama	1819	29	51,705	133,915	50,767	131,487	938	2,428
Mississippi	1817	32	47,689	123,515	47,233	122,333	457	1,183
West South Central	(x)	(x)	**437,701**	**1,133,646**	**427,271**	**1,106,633**	**10,430**	**27,013**
Arkansas	1836	27	53,187	137,754	52,078	134,883	1,109	2,871
Louisiana	1812	31	47,752	123,677	44,521	115,310	3,230	8,366
Oklahoma	1907	18	69,956	181,186	68,655	177,817	1,301	3,369
Texas	1845	2	266,807	691,030	262,017	678,623	4,790	12,407
Mountain	(x)	(x)	**863,563**	**2,236,628**	**855,193**	**2,214,951**	**8,369**	**21,677**
Montana	1889	4	147,046	380,848	145,388	376,555	1,657	4,293
Idaho	1890	13	83,564	216,432	82,412	213,447	1,153	2,985
Wyoming	1890	9	97,809	253,326	96,989	251,202	820	2,125
Colorado	1876	8	104,091	269,595	103,595	268,311	496	1,285
New Mexico	1912	5	121,593	314,925	121,335	314,258	258	667
Arizona	1912	6	114,000	295,260	113,508	293,986	492	1,274
Utah	1896	11	84,899	219,889	82,073	212,569	2,826	7,320
Nevada	1864	7	110,561	286,352	109,894	284,624	667	1,728
Pacific	(x)	(x)	**921,392**	**2,386,406**	**896,253**	**2,321,295**	**25,140**	**65,112**
Washington	1889	20	68,139	176,479	66,511	172,264	1,627	4,215
Oregon	1859	10	97,073	251,419	96,184	249,117	889	2,302
California	1850	3	158,706	411,049	156,299	404,814	2,407	6,234
Alaska	1959	1	591,004	1,530,700	570,833	1,478,457	20,171	52,243
Hawaii	1959	47	6,471	16,759	6,425	16,641	46	118
Other areas:								
Puerto Rico	(x)	(x)	3,515	9,104	3,459	8,958	56	145
American Samoa	(x)	(x)	77	199	77	199	-	-
Guam	(x)	(x)	209	541	209	541	-	-
Virgin Islands of the U.S.	(x)	(x)	132	344	132	342	1	3
Trust Territory of the Pacific Islands [4]	(x)	(x)	533	1,380	533	1,380	-	-
No. Mariana Islands [4]	(x)	(x)	184	477	184	477	-	-

- Represents zero. X Not applicable. [1] Dry land and land temporarily or partially covered by water, such as marshland, swamps, etc.; streams and canals under one-eighth statute mile wide; and lakes, reservoirs, and ponds under 40 acres in area. [2] Permanent inland water surface, such as lakes, reservoirs, and ponds having an area of 40 acres or more streams, sloughs, estuaries, and canals one-eighth statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water, and islands under 40 acres in area. Excludes areas of oceans, bays, sounds, etc., lying within U.S. jurisdiction but not defined as inland water. [3] Year of ratification of Constitution; one of the original 13 States. [4] Under trusteeship; see table 5, footnote 5.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. I, part A (PC80-1-A), and unpublished data.

No. 339. Territorial Expansion of the United States and Acquisitions of Other Areas

[One square mile = 2.59 square kilometers. Boundaries of all territories listed under "United States" were indefinite, at least in part, at time of acquisition. Area figures shown here represent precise determinations of specific territories which have been marked upon maps, based upon interpretations of the several treaties or cession, which are necessarily debatable. These determinations were made by a committee consisting of representatives of various governmental agencies in 1912. Subsequently these figures were adjusted to bring them into agreement with remeasurements made in 1980. See also *Historical Statistics, Colonial Times to 1970*, series J 1-2]

ACCESSION	Acquisition date	GROSS AREA (land and water)		ACCESSION	Acquisition date	GROSS AREA (land and water)	
		Sq. mi.	Sq. km.			Sq. mi.	Sq. km.
Total	(X)	**3,623,434**	**9,384,694**	Other areas:			
				Puerto Rico	[2] 1898	3,515	9,104
United States	(X)	3,618,770	9,372,614	Guam	[3] 1898	209	541
Territory in 1790 [1]	(X)	891,364	2,308,633	American Samoa	[4] 1899	77	199
Louisiana Purchase	1803	831,321	2,153,121	Virgin Islands of the U.S	1917	132	342
Purchase of Florida	1819	69,866	180,953	Trust Territory of the Pacific Islands [5]	1947	533	1,380
Texas	1845	384,958	997,041	No. Mariana Is. [5]	1947	184	477
Oregon	1846	283,439	734,107	All other [6]	(X)	14	36
Mexican Cession	1848	530,706	1,374,529				
Gadsden Purchase	1853	29,640	76,768				
Alaska	1867	591,004	1,530,700				
Hawaii	1898	6,471	16,760				

X Not applicable. [1] Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase. [2] Ceded by Spain in 1898, ratified in 1899, and became Commonwealth of Puerto Rico by Act of Congress on July 25, 1952. [3] Acquired 1898; ratified 1899. [4] Acquired 1899; ratified 1900. [5] Land area only. Under trusteeship; see table 5, footnote 5. [6] Comprises the following islands with gross areas as indicated, in sq. mi.: Midway (2), Wake (3), Palmyra (4), Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston Atoll (combined area, less than .5), and Kingman Reef (less than .5). Excludes Canton and Enderbury Islands (combined area 27 sq. mi. or 73 sq. Km.) which are considered to be under the jurisdiction of Kiribat: since 1979, and Swan Islands (1 sq. mi.), which were returned to Honduras in 1972.

Source: U.S. Bureau of the Census, unpublished data.

No. 340. Land Utilization, by Type: 1950 to 1978

[1950 excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series J 50-65, for similar data]

TYPE	LAND (mil. acres)					PERCENT				
	1950	1959	1969	1974	1978	1950	1959	1969	1974	1978
Total land area	**1,904**	**2,271**	**2,264**	**2,264**	**2,264**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Cropland used for crops [1]	377	359	333	361	369	19.8	15.8	14.7	16.0	16.3
Idle cropland	32	33	51	21	26	1.7	1.5	2.3	.9	1.1
Cropland used only for pasture	69	66	88	83	76	3.6	2.9	3.9	3.7	3.4
Grassland pasture [2]	631	633	604	598	587	33.1	27.9	26.7	26.4	25.9
Forest land [3]	601	728	723	718	703	31.6	32.1	31.9	31.7	31.1
Special uses	115	146	172	182	158	6.0	6.4	7.6	8.0	7.0
Urban areas [4]	15	24	31	35	([5])	.8	1.1	1.4	1.5	([5])
Transportation areas [6]	24	25	26	26	27	1.2	1.1	1.2	1.2	1.2
Recreation areas [7]	32	44	49	52	57	1.7	1.9	2.2	2.3	2.5
Wildlife areas [8]	9	17	32	36	41	.5	.8	1.4	1.6	1.8
National defense and industrial [9]	23	26	26	25	25	1.2	1.1	1.1	1.1	1.1
Farmsteads, farm roads, and lanes	12	10	8	8	8	.6	.4	.4	.4	.4
Other land [10]	79	306	293	301	[5] 345	4.2	13.5	12.9	13.2	[5] 15.2

[1] Cropland harvested, crop failure, and cultivated summer fallow. [2] Grassland and other nonforest pasture and range. [3] Excludes reserve forest land in parks and other special uses of land. Includes forest grazing land. [4] Estimated area in urbanized areas and places of 2,500 or more population outside urbanized areas. [5] Data for urban areas included in other land. [6] Represents rural highway, road, and railroad rights-of-way, and airports. [7] Area in National and State parks and related recreation areas, including area in national wilderness and primitive areas. [8] Acreage administered by Federal and State agencies primarily for wildlife protection and propagation. [9] Areas administered by the Dept. of Defense for military purposes and by the Energy Research and Development Administration. [10] Miscellaneous areas such as marshes, open swamps, bare rock area, deserts, and tundra, and various other uses not inventoried.

No. 341. Ownership of Land, by Class: 1959 to 1978

[In millions of acres, except percent. See also *Historical Statistics, Colonial Times to 1970*, series J 66, J 71, and J 76]

YEAR	Total [1]	Private land [2]	Indian lands [3]	PUBLIC LAND			
				Total	Federal [4]	State [4]	County and municipal
1959	2,271	1,332	53	886	765	103	18
1969	2,264	1,317	50	897	763	114	20
1974	2,264	1,316	51	897	761	116	20
1978	2,264	1,315	52	897	742	135	20
Percent distribution	100.0	58.1	2.3	39.6	32.7	6.0	.9

[1] Changes in total land area are due to variable methods and materials used in periodic remeasurements, and to the construction of artificial reservoirs. [2] Land owned by individuals, partnerships, and corporations. [3] Managed in trust by Bureau of Indian Affairs. [4] Changes in Federal and State land holdings mainly represent Federal land grants to the State of Alaska. Part of the change indicated after 1974 may have occurred prior to 1974.

Source of tables 340 and 341: U.S. Dept. of Agriculture, Economic Research Service, *Major Uses of Land in the United States: 1978*, AER 487. August 1982.

No. 342. Area and Acquisition of the Federal Public Domain: 1781 to 1981

[**In millions of acres.** Areas of acquisitions are as computed in 1912, and do not agree with figures in square miles shown in table 339 which include later adjustments and reflect subsequent remeasurement. Excludes outlying areas of the United States amounting to 645,949 acres in 1978. See also *Historical Statistics, Colonial Times to 1970,* series J 3-6]

YEAR	Land area, total [1]	YEAR	LAND AREA [1]			YEAR AND ACQUISITION	ACREAGE		
			Total	Public domain	Acquired		Total	Land	Inland water
1802	200.0	1970	761.3	706.4	54.9	**Aggregate**	**1,837.8**	**1,804.7**	**33.1**
1850	1,200.0	1971	760.2	704.8	55.9				
1880	900.0	1972	760.7	704.8	55.9	1781-1802 (State Cessions)	236.8	233.4	3.4
1912	600.0	1973	761.0	704.8	56.2	1803, Louisiana Purchase [2]	529.9	523.4	6.5
1946	413.0	1974	760.5	703.8	56.7	1819, Cession from Spain	46.1	43.3	2.8
1950	412.0	1975	760.4	702.9	57.5	Red River Basin [3]	29.6	29.1	.5
1955	407.9	1976	762.2	702.8	59.4	1846, Oregon Compromise	183.4	180.6	2.7
1959	768.6	1977	741.5	683.3	58.2	1848, Mexican Cession [2]	338.7	334.5	4.2
1960	771.5	1978	775.2	712.0	63.3	1850, Purchase from Texas	78.9	78.8	.1
1965	765.8	1979	744.1	684.3	59.8	1853, Gadsden Purchase	19.0	19.0	(Z)
		1980	719.5	648.0	71.5	1867, Alaska Purchase	375.3	362.5	12.8
		1981	730.8	668.7	62.2				
		1982	729.8	670.0	59.8				

Z Less than 50,000. [1] Owned by Federal Government. Comprises original public domain plus acquired lands. Estimated from imperfect data available for indicated years. Prior to 1959, excludes Alaska, and 1960, Hawaii. Source: Beginning 1955, U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World,* annual. [2] Data for Louisiana Purchase exclude areas eliminated by Treaty of 1819 with Spain. Such areas are included in figures for Mexican Cession. [3] Represents drainage basin of Red River of the North, south of 49th parallel. Authorities differ as to method and date of its acquisition. Some hold it as part of Louisiana Purchase; others, as acquired from Great Britain.

Source: Except as noted, U.S. Dept. of the Interior. Estimated area, Bureau of Land Management; all other data, Office of the Secretary, *Areas of Acquisitions to the Territory of the U.S.,* 1922.

No. 343. Total and Federally Owned Land, 1960 to 1982, and by State, 1982

[As of **June 30** except, beginning **1976,** as of **Sept. 30.** Total land area figures are not comparable with those in table 338]

YEAR, REGION, DIVISION, AND STATE	Total (1,000 acres)	Not owned by Federal Government (1,000 acres)	OWNED BY FEDERAL GOVERNMENT [1]	
			Acres (1,000)	Percent
1960	2,273,407	1,501,894	771,512	33.9
1965	2,271,343	1,505,546	765,797	33.5
1970	2,271,343	1,510,042	761,301	33.5
1973	2,271,343	1,510,344	760,999	33.5
1974	2,271,343	1,510,811	760,532	33.5
1975	2,271,343	1,510,929	760,414	33.5
1976	2,271,343	1,509,151	762,192	33.5
1977	2,271,343	1,529,834	741,509	32.6
1978	2,271,343	1,496,094	775,249	34.1
1979	2,271,343	1,533,545	744,146	32.8
1980	2,271,343	1,551,822	719,522	31.7
1981	2,271,343	1,540,528	730,815	32.2
1982, total	**2,271,343**	**1,541,522**	**729,821**	**32.1**
Regions:				
Northeast	104,699	102,314	2,385	2.3
No. Central	482,869	463,177	19,694	4.1
South	561,238	531,963	29,275	5.2
West	1,122,536	444,069	678,467	60.4
N. Eng	**40,401**	**39,106**	**1,295**	**3.2**
Maine	19,848	19,712	136	.7
N.H	5,769	5,031	738	12.8
Vt	5,937	5,617	320	5.4
Mass	5,035	4,950	85	1.7
R.I	677	671	6	.9
Conn	3,135	3,125	10	.3
Mid. Atl	**64,298**	**63,208**	**1,090**	**1.7**
N.Y	30,681	30,432	249	.8
N.J	4,813	4,667	146	3.0
Pa	28,804	28,109	695	2.4
E. No. Cent	**156,678**	**149,743**	**6,936**	**4.4**
Ohio	26,222	25,871	351	1.3
Ind	23,158	22,630	529	2.3
Ill	35,795	35,169	626	1.8
Mich	36,492	32,959	3,533	9.7
Wis	35,011	33,114	1,897	5.4
W. No. Cent	**326,191**	**313,434**	**12,758**	**3.9**
Minn	51,206	47,757	3,449	6.7
Iowa	35,860	35,632	228	.6
W. No. Cent.—Con.				
Mo	44,248	41,995	2,254	5.1
N. Dak	44,452	42,206	2,246	5.1
S. Dak	48,882	45,730	3,152	6.4
Nebr	49,032	48,336	696	1.4
Kans	52,511	51,778	733	1.4
So. Atl	**171,324**	**158,292**	**13,033**	**7.6**
Del	1,266	1,225	41	3.2
Md	6,319	6,109	210	3.3
D.C	39	27	12	31.5
Va	25,496	23,136	2,360	9.3
W. Va	15,411	14,297	1,114	7.2
N.C	31,403	29,234	2,169	6.9
S.C	19,374	18,180	1,194	6.2
Ga	37,295	35,014	2,281	6.1
Fla	34,721	31,070	3,652	10.5
E. So. Cent	**115,141**	**108,738**	**6,404**	**5.6**
Ky	25,512	24,095	1,418	5.6
Tenn	26,728	24,632	2,096	7.8
Ala	32,678	31,537	1,141	3.5
Miss	30,223	28,474	1,749	5.8
W. So. Cent	**274,773**	**264,933**	**9,838**	**3.6**
Ark	33,599	30,195	3,404	10.1
La	28,868	27,710	1,157	4.0
Okla	44,088	42,339	1,749	4.0
Tex	168,218	164,689	3,528	2.1
Mt	**548,448**	**287,531**	**260,918**	**47.6**
Mont	93,271	65,803	27,468	29.5
Idaho	52,933	18,651	34,282	64.8
Wyo	62,343	31,733	30,610	49.1
Colo	66,486	42,536	23,950	36.0
N. Mex	77,766	51,904	25,862	33.3
Ariz	72,688	43,493	29,195	40.2
Utah	52,697	20,530	32,167	61.0
Nev	70,264	12,881	57,384	81.7
Pac	**574,088**	**156,538**	**417,549**	**72.7**
Wash	42,694	30,589	12,104	28.4
Oreg	61,599	31,496	30,103	48.9
Calif	100,207	52,681	47,526	47.4
Alaska	365,482	38,453	327,029	89.5
Hawaii	4,106	3,319	787	19.2

[1] Excludes trust properties.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World,* annual.

No. 344. Lands Under Jurisdiction of Bureau of Indian Affairs—Acreage, by States: 1940 to 1981

[**In thousands of acres.** Excludes States with less than 500 acres in years specified. Beginning 1960, taxable lands generally included. Beginning 1975, includes tribal fee lands. See also *Historical Statistics, Colonial Times to 1970*, series J 16-19]

STATE	1940	1960	1970	1975	1978	1979	1980	1981			
								Total	Indian		Government owned
									Trust allotted [1]	Tribal [2]	
Total	**55,406**	**[3] 58,076**	**55,408**	**52,316**	**52,885**	**52,962**	**52,993**	**52,473**	**10,962**	**41,062**	**449**
Ala	(NA)	4,168	4,170	117	363	386	428	448	361	87	-
Ariz	19,225	21,515	19,714	20,034	20,034	20,036	20,036	19,898	253	19,555	90
Calif	667	558	536	546	541	573	573	569	69	500	-
Colo	667	752	755	782	782	783	783	756	4	752	-
Fla	61	79	79	79	79	79	79	79	-	79	-
Idaho	818	835	828	827	828	827	827	827	332	462	33
Iowa	3	4	4	4	4	4	4	4	-	4	-
Kans	36	29	27	26	27	28	29	29	23	6	-
Mich	27	22	21	21	21	21	21	21	12	9	-
Minn	653	756	763	764	764	764	764	764	713	51	-
Miss	9	16	18	17	18	18	18	18	-	18	-
Mont	6,455	5,457	5,274	5,282	5,275	5,258	5,249	5,240	3,017	2,220	3
Nebr	76	68	62	61	65	65	65	65	42	23	-
Nev	1,127	1,152	1,148	1,153	1,154	1,154	1,154	1,225	79	1,138	8
N. Mex	7,153	6,542	7,209	7,537	7,843	7,865	7,864	7,459	676	6,483	300
N.C	57	56	57	56	56	56	57	57	57	-	-
N. Dak	1,036	879	850	850	851	853	853	853	644	208	1
Okla	2,844	1,855	1,424	1,306	1,250	1,240	1,230	1,222	1,128	86	8
Oreg	1,737	1,238	687	761	761	761	762	760	139	621	-
S. Dak	5,885	5,064	4,975	5,020	5,085	5,091	5,093	5,096	2,473	2,621	2
Utah	1,693	2,125	2,271	2,276	2,277	2,286	2,286	2,286	34	2,252	-
Wash	2,740	2,591	2,460	2,504	2,511	2,517	2,520	2,499	482	2,014	3
Wis	445	422	188	407	409	409	410	410	329	81	-
Wyo	2,013	1,890	1,887	1,886	1,887	1,888	1,888	1,888	95	1,792	1

- Represents zero. NA Not available. [1] Private landholdings of individual Indians. [2] Lands held by Indian tribes.
[3] Includes 3,000 acres in S.C., not shown separately.

Source: U.S. Bureau of Indian Affairs, *Annual Report of Indian Land*, and unpublished data.

No. 345. Urban Land Area—States: 1960 to 1980

[**In acres.** Urban areas include central cities and adjacent urbanized fringe zones of urbanized areas plus all incorporated and unincorporated places of 2,500 or more inhabitants outside urbanized areas. For more information on urban, see text, p. 3]

STATE	URBAN AREA (1,000)			URBAN AREA PER CAPITA [1]			STATE	URBAN AREA (1,000)			URBAN AREA PER CAPITA [1]		
	1960	1970	1980	1960	1970	1980		1960	1970	1980	1960	1970	1980
U.S.	**25,500**	**34,557**	**47,314**	**.20**	**.23**	**.28**	Mississippi	226	366	580	.28	.37	.49
Alabama	703	1,052	1,483	.39	.52	.63	Missouri	518	798	1,020	.18	.24	.30
Alaska	14	68	285	.16	.43	1.10	Montana	54	76	118	.16	.20	.28
Arizona	320	463	892	.33	.33	.39	Nebraska	121	178	232	.16	.19	.23
Arkansas	222	384	605	.29	.40	.51	Nevada	72	255	238	.36	.65	.35
California	2,352	3,328	4,200	.17	.18	.19	New Hampshire	310	323	359	.88	.78	.75
Colorado	203	343	597	.16	.20	.26	New Jersey	1,129	1,212	1,392	.21	.19	.21
Connecticut	574	578	745	.29	.25	.30	New Mexico	184	255	361	.29	.36	.38
Delaware	53	79	111	.18	.20	.26	New York	1,353	1,570	2,058	.09	.10	.14
District of Columbia	39	39	40	.05	.05	.06	North Carolina	488	688	1,164	.27	.30	.41
Florida	881	1,573	2,617	.24	.29	.32	North Dakota	39	62	95	.17	.23	.30
Georgia	612	920	1,454	.28	.33	.43	Ohio	1,415	1,816	2,093	.20	.23	.26
Hawaii	278	146	177	.57	.23	.21	Oklahoma	480	814	1,136	.33	.47	.56
Idaho	74	105	154	.23	.27	.30	Oregon	239	333	458	.22	.24	.26
Illinois	992	1,400	1,730	.12	.15	.18	Pennsylvania	1,186	1,450	1,770	.15	.17	.22
Indiana	520	829	1,012	.18	.25	.29	Rhode Island	123	172	182	.17	.21	.22
Iowa	416	573	666	.28	.35	.39	South Carolina	267	408	757	.27	.33	.45
Kansas	241	376	505	.18	.25	.32	South Dakota	62	81	106	.23	.27	.33
Kentucky	247	404	570	.18	.24	.31	Tennessee	492	840	1,278	.26	.36	.46
Louisiana	468	523	796	.23	.22	.28	Texas	2,113	2,870	4,017	.29	.32	.35
Maine	556	471	581	1.12	.93	1.09	Utah	190	254	420	.28	.30	.34
Maryland	290	483	836	.13	.16	.25	Vermont	51	41	78	.34	.29	.45
Massachusetts	909	1,027	1,286	.21	.21	.27	Virginia	486	768	1,183	.22	.26	.34
Michigan	1,017	1,286	1,540	.18	.20	.24	Washington	422	607	845	.22	.25	.28
Minnesota	707	905	1,299	.33	.36	.48	West Virginia	138	150	200	.19	.22	.28
							Wisconsin	616	766	902	.24	.26	.30
							Wyoming	36	49	91	.19	.24	.31

[1] Based on urban resident population enumerated as of April 1.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Expansion of Urban Area: 1960-1980*. Data from U.S. Bureau of the Census.

NO. 346. EXTREME AND MEAN ELEVATIONS—STATES AND OTHER AREAS

[One foot=.305 meter]

STATE OR OTHER AREA	HIGHEST POINT			LOWEST POINT			APPROXIMATE MEAN ELEVATION	
	Name	Elevation		Name	Elevation			
		Feet	Meters		Feet	Meters	Feet	Meters
U.S	**Mt. McKinley (Alaska)**	**20,320**	**6,198**	**Death Valley (Calif.)**	**−282**	**−86**	**2,500**	**763**
Ala	Cheaha Mountain	2,407	734	Gulf of Mexico	(1)	(1)	500	153
Alaska	Mount McKinley	20,320	6,198	Pacific Ocean	(1)	(1)	1,900	580
Ariz	Humhreys Peak	12,633	3,853	Colorado River	70	21	4,100	1,251
Ark	Magazine Mountain	2,753	840	Ouachita River	55	17	650	198
Calif	Mount Whitney	14,494	4,421	Death Valley	−282	−86	2,900	885
Colo	Mt. Elbert	14,433	4,402	Arkansas River	3,350	1,022	6,800	2,074
Conn	Mt. Frissell, on South slope	2,380	726	Long Island Sound	(1)	(1)	500	153
Del	Ebright Road, New Castle County	442	135	Atlantic Ocean	(1)	(1)	60	18
D.C	Tenleytown	410	125	Potomac River	1	(Z)	150	46
Fla	Sec. 30, T6N, R20W, Walton County[2]	345	105	Atlantic Ocean	(1)	(1)	100	31
Ga	Brasstown Bald	4,784	1,459	Atlantic Ocean	(1)	(1)	600	183
Hawaii	Mauna Kea	13,796	4,208	Pacific Ocean	(1)	(1)	3,030	924
Idaho	Borah Peak	12,662	3,862	Snake River	710	217	5,000	1,525
Ill	Charles Mound	1,235	377	Mississippi River	279	85	600	183
Ind	Franklin Twp., Wayne Co	1,257	383	Ohio River	320	98	700	214
Iowa	Sec. 29, T100N, R41W, Osceola County[2]	1,670	509	Mississippi River	480	146	1,100	336
Kans	Mount Sunflower	4,039	1,232	Verdigris River	680	207	2,000	610
Ky	Black Mountain	4,145	1,264	Mississippi River	257	78	750	229
La	Driskill Mountain	535	163	New Orleans	−5	−2	100	31
Maine	Mount Katahdin	5,268	1,607	Atlantic Ocean	(1)	(1)	600	183
Md	Backbone Mountain	3,360	1,025	Atlantic Ocean	(1)	(1)	350	107
Mass	Mount Greylock	3,491	1,065	Atlantic Ocean	(1)	(1)	500	153
Mich	Mount Arvon	1,979	604	Lake Erie	572	174	900	275
Minn	Eagle Mountain, Cook Co	2,301	702	Lake Superior	602	184	1,200	366
Miss	Woodall Mountain	806	246	Gulf of Mexico	(1)	(1)	300	92
Mo	Taum Sauk Mountain	1,772	540	St. Francis River	230	70	800	244
Mont	Granite Peak	12,799	3,904	Kootenai River	1,800	549	3,400	1,037
Nebr	Johnson Twp., Kimball Co	5,426	1,655	Southeast corner of State	840	256	2,600	793
Nev	Boundary Peak	13,143	4,009	Colorado River	470	143	5,500	1,678
N.H	Mount Washington	6,288	1,918	Atlantic Ocean	(1)	(1)	1,000	305
N.J	High Point	1,803	550	Atlantic Ocean	(1)	(1)	250	76
N. Mex	Wheeler Peak	13,161	4,014	Red Bluff Reservoir	2,817	859	5,700	1,739
N.Y	Mount Marcy	5,344	1,630	Atlantic Ocean	(1)	(1)	1,000	305
N.C	Mount Mitchell	6,684	2,039	Atlantic Ocean	(1)	(1)	700	214
N. Dak	White Butte, Slope Co	3,506	1,069	Red River	750	229	1,900	580
Ohio	Campbell Hill	1,550	473	Ohio River	433	132	850	259
Okla	Black Mesa	4,973	1,517	Little River	287	88	1,300	397
Oreg	Mount Hood	11,239	3,428	Pacific Ocean	(1)	(1)	3,300	1,007
Pa	Mount Davis	3,213	980	Delaware River	(1)	(1)	1,100	336
R.I	Jerimoth Hill	812	248	Atlantic Ocean	(1)	(1)	200	61
S.C	Sassafras Mountain	3,560	1,086	Atlantic Ocean	(1)	(1)	350	107
S. Dak	Harney Peak	7,242	2,209	Big Stone Lake	962	293	2,200	671
Tenn	Clingmans Dome	6,643	2,026	Mississippi River	182	56	900	275
Tex	Guadalupe Peak	8,749	2,668	Gulf of Mexico	(1)	(1)	1,700	519
Utah	Kings Peak	13,528	4,126	Beaverdam Creek	2,000	610	6,100	1,861
Vt	Mount Mansfield	4,393	1,340	Lake Champlain	95	29	1,000	305
Va	Mount Rogers	5,729	1,747	Atlantic Ocean	(1)	(1)	950	290
Wash	Mount Rainier	14,410	4,395	Pacific Ocean	(1)	(1)	1,700	519
W. Va	Spruce Knob	4,863	1,483	Potomac River	240	73	1,500	458
Wis	Timms Hill	1,951	595	Lake Michigan	581	177	1,050	320
Wyo	Gannett Peak	13,804	4,210	Belle Fourche River	3,100	946	6,700	2,044
Other areas:								
P. Rico	Cerro de Punta	4,389	1,339	Atlantic Ocean	(1)	(1)	1,800	549
Am. Samoa	Lata Mountain	3,160	964	Pacific Ocean	(1)	(1)	1,300	397
Guam	Mount Lamlam	1,329	405	Pacific Ocean	(1)	(1)	330	101
Virgin Is	Crown Mountain	1,556	475	Atlantic Ocean	(1)	(1)	750	229

Z Less than .5 meter. [1] Sea level. [2] "Sec." denotes section; "T," township; "R," range; "N," north; "W," west.

Source: U.S. Geological Survey, *Elevations and Distances in the United States*, 1980.

NO. 347. COASTLINE OF THE UNITED STATES, BY STATES

[One mile = 1.609 kilometers]

STATE	GENERAL COASTLINE[1]		TIDAL SHORELINE[2]		STATE	GENERAL COASTLINE[1]		TIDAL SHORELINE[2]	
	Statute miles	Kilometers	Statute miles	Kilometers		Statute miles	Kilometers	Statute miles	Kilometers
U.S	**12,383**	**19,924**	**88,633**	**142,610**	**Gulf coast**	**1,631**	**2,624**	**17,141**	**27,580**
					Alabama	53	85	607	977
Atlantic coast	**2,069**	**3,329**	**28,673**	**46,135**	Florida	770	1,239	5,095	8,198
Connecticut	–	–	618	994					
Delaware	28	45	381	613	Louisiana	397	639	7,721	12,423
Florida	580	933	3,331	5,360	Mississippi	44	71	359	578
Georgia	100	161	2,344	3,771	Texas	367	591	3,359	5,405
Maine	228	367	3,478	5,596					
Maryland	31	50	3,190	5,133	**Pacific coast**	**7,623**	**12,265**	**40,298**	**64,839**
Massachusetts	192	309	1,519	2,444	Alaska	5,580	8,978	31,383	50,495
					California	840	1,352	3,427	5,514
New Hampshire	13	21	131	211					
New Jersey	130	209	1,792	2,883	Hawaii	750	1,207	1,052	1,693
New York	127	204	1,850	2,977	Oregon	296	476	1,410	2,269
North Carolina	301	484	3,375	5,430	Washington	157	253	3,026	4,869
Pennsylvania	–	–	89	143					
Rhode Island	40	64	384	618	**Arctic coast, Alaska**	**1,060**	**1,706**	**2,521**	**4,056**
South Carolina	187	301	2,876	4,627					
Virginia	112	180	3,315	5,334					

– Represents zero. [1]Figures are lengths of general outline of seacoast. Measurements were made with a unit measure of 30 minutes of latitude on charts as near the scale of 1:1,200,000 as possible. Coastline of sounds and bays is included to a point where they narrow to width of unit measure, and includes the distance across at such point. [2]Figures obtained in 1939-1940 with a recording instrument on the largest-scale charts and maps then available. Shoreline of outer coast, offshore islands, sounds, bays, rivers, and creeks is included to the head of tidewater or to a point where tidal waters narrow to a width of 100 feet.

Source: U.S. National Oceanic and Atmospheric Administration, *The Coastline of the United States*, 1975.

NO. 348. WATER AREA, OTHER THAN INLAND WATER—STATES

[Includes only that portion of body of water under the jurisdiction of the United States, excluding Alaska and Hawaii. Excludes inland waters; see footnote 2, table 1. One square mile = 2.59 square kilometers]

BODY OF WATER	AREA		BODY OF WATER	AREA	
	Sq. mi.	Sq. km.		Sq. mi.	Sq. km.
Total	**74,364**	**192,603**	Gulf of Mexico coastal water	3,837	9,938
			Alabama	560	1,450
Atlantic coastal water	2,298	5,952	Florida	1,698	4,398
Florida	37	96	Louisiana	1,016	2,631
Georgia	48	124	Mississippi	556	1,440
Maine	1,102	2,854	Texas	7	18
Massachusetts	959	2,484			
Rhode Island	14	36	Lake Michigan	22,178	57,441
South Carolina	138	357	Illinois	1,526	3,952
			Indiana	228	591
Chesapeake Bay	3,237	8,384	Michigan	13,037	33,766
Maryland	1,726	4,470	Wisconsin	7,387	19,132
Virginia	1,511	3,913			
			New York Harbor	92	238
Delaware Bay	665	1,722	New Jersey	69	179
Delaware	350	907	New York	23	60
New Jersey	315	816	Lake Ontario: New York	3,033	7,855
Lake Erie	5,002	12,955	Pacific coastal water	343	888
Michigan	216	559	California	69	179
New York	594	1,538	Oregon	48	124
Ohio	3,457	8,954	Washington	226	585
Pennsylvania	735	1,904			
			Puget Sound: Washington	561	1,453
Straits of Georgia and Juan de Fuca: Washington	1,610	4,170	Lake St. Clair: Michigan	116	300
Lake Huron: Michigan	8,975	23,245	Lake Superior	21,118	54,696
Long Island Sound	1,298	3,364	Michigan	16,231	42,038
Connecticut	573	1,484	Minnesota	2,212	5,729
New York	726	1,880	Wisconsin	2,675	6,928

Source: U.S. Bureau of the Census, *Areas of the United States: 1940*.

NO. 349. LENGTHS OF PRINCIPAL RIVERS

[Comprises rivers 600 miles or more in length. Length represents distance to designated outflow from (*a*) original headwater of named river where name applies to entire length of channel, or (*b*) upper limit of channel so named, usually the junction of 2 tributaries or headwater streams. One mile=1.609 kilometers]

RIVER/OUTFLOW	LENGTH		RIVER/OUTFLOW	LENGTH	
	Miles	Kilometers		Miles	Kilometers
Arkansas/Mississippi River	1,450	2,333	Missouri-Red Rock/Mississippi River	2,564	4,125
Brazos/Gulf of Mexico	1,309	2,106	Mobile-Alabama-Coosa/Mobile Bay	639	1,028
Canadian/Arkansas River	906	1,458	North Canadian/Canadian River	784	1,261
Cimarron/Arkansas River	698	1,123	North Platte/Platte River	680	1,094
Colorado (U.S.-Mex.)/Gulf of California	1,450	2,333	Ohio/Mississippi River	981	1,578
Colorado (Texas)/Matagorda Bay	894	1,438	Ohio-Allegheny/Mississippi River	1,306	2,101
Columbia/Pacific Ocean	1,214	1,953	Ouachita/Red River	605	973
Columbia, Upper/to mouth of Snake River	890	1,432	Pecos/Rio Grande	926	1,490
Cumberland/Ohio River	687	1,105	Red (Okla.-Tex.-La.)/Mississippi River	1,222	1,966
Gila/Colorado River	630	1,014	Rio Grande/Gulf of Mexico	1,885	3,033
Green (Utah-Wyo.)/Colorado River	730	1,175	St. Lawrence/Lake Ontario	800	1,287
James (N.Dak.-S.Dak.)/Missouri River	710	1,142	Snake/Columbia River	1,000	1,609
Kuskokwim/Kuskokwim Bay	800	1,287	Tanana/Yukon River	800	1,287
Milk/Missouri River	625	1,006	Tennessee/Ohio River	652	1,049
Mississippi/Mouth of SW Pass	2,348	3,778	Tennessee-French Broad/Ohio River	869	1,398
Mississippi, Upper/to mouth of Missouri River	1,171	1,884	Trinity/Trinity Bay	715	1,150
Mississippi-Missouri-Red Rock/mouth of SW Pass	3,741	6,019	Washita/Red River	626	1,007
Missouri/Mississippi River	2,315	3,725	White (Ark.-Mo.)/Mississippi River	685	1,102
			Yellowstone/Missouri River	671	1,080
			Yukon/Bering Sea	1,875	3,017

Source: U.S. Corps of Engineers, unpublished data.

NO. 350. WATER WITHDRAWALS AND CONSUMPTION PER DAY—STATES AND PUERTO RICO: 1980

[Figures may not add due to rounding. Withdrawal signifies water physically withdrawn from a source. Includes fresh and saline water; excludes water used for hydroelectric power]

STATE	WATER WITHDRAWN					Fresh water consumed [2] (mil. gal.)	STATE OR OTHER AREA	WATER WITHDRAWN					Fresh water consumed [2] (mil. gal.)
	Per capita [1] (gal.)	Total (bil. gal.)	Surface (bil. gal.)	Public supplies (bil. gal.)	Irrigation (bil. gal.)			Per capita [1] (gal.)	Total (bil. gal.)	Surface (bil. gal.)	Public supplies (bil. gal.)	Irrigation (bil. gal.)	
Total	**1,953**	**450.0**	**360.0**	**34.0**	**150.0**	**100,000**	Mo	1,401	6.9	6.4	.7	.1	670
							Mont	13,959	11.0	11.0	.1	11.0	2,700
Ala	2,824	11.0	10.0	.6	(z)	570	Nebr	7,634	12.0	4.9	.3	9.3	7,600
Alaska	546	.2	.2	.1	–	35	Nev	4,461	3.6	2.9	.2	3.1	1,700
Ariz	2,929	8.0	3.7	.6	7.1	4,500	N.H	1,083	1.0	.9	.1	(z)	17
Ark	6,960	16.0	12.0	.3	5.1	3,600	N.J	1,356	10.0	9.6	1.1	.1	380
Calif	2,272	54.0	33.0	4.1	37.0	25,000	N. Mex	2,989	3.9	2.1	.2	3.6	1,900
Colo	5,512	16.0	13.0	.6	14.0	4,000	N.Y	967	17.0	16.0	2.2	(z)	590
Conn	1,186	3.7	3.6	.4	(z)	160	N.C	1,376	8.1	7.3	.6	.1	760
Del	2,013	1.2	1.1	.1	(z)	11	N. Dak	1,988	1.3	1.2	.1	.3	330
D.C	534	.3	.3	.2	–	23	Ohio	1,296	14.0	13.0	1.4	(z)	550
Fla	2,127	21.0	17.0	1.4	3.0	2,400	Okla	592	1.8	.8	.3	.9	1,000
Ga	1,259	6.9	5.7	.8	.6	1,000	Oreg	2,578	6.8	5.7	.2	5.9	3,200
Hawaii	2,548	2.5	1.7	.2	.9	680							
							Pa	1,347	16.0	15.0	1.5	.2	920
Idaho	19,007	18.0	12.0	.2	16.0	5,900	R.I	527	.5	.5	.1	(z)	15
Ill	1,574	18.0	17.0	1.8	.1	590	S.C	1,983	6.2	6.0	.4	.1	280
Ind	2,551	14.0	13.0	.6	.2	690	S. Dak	1,000	.7	.4	.1	.5	460
Iowa	1,476	4.3	3.5	.3	.1	290	Tenn	2,176	10.0	9.6	.5	(z)	270
Kans	2,788	6.6	1.0	.3	5.6	4,700	Tex	1,466	21.0	13.0	3.8	8.4	10,000
Ky	1,311	4.8	4.6	.4	(z)	290	Utah	3,125	4.6	3.6	.8	3.2	2,900
La	3,079	13.0	11.0	.6	2.2	3,500	Vt	664	.3	.3	(z)	(z)	41
Maine	1,421	1.6	1.5	.1	(z)	53	Va	1,809	9.7	9.3	.6	(z)	230
Md	1,822	7.7	7.6	.5	(z)	100	Wash	2,001	8.3	7.5	.8	6.4	2,900
Mass	1,027	5.9	5.6	.8	(z)	90	W. Va	2,872	5.6	5.4	.2	(z)	200
Mich	1,621	15.0	14.0	1.3	.2	460	Wis	1,227	5.8	5.2	.6	.1	310
Minn	759	3.1	2.4	.4	.2	450	Wyo	11,368	5.4	4.8	.1	4.9	2,600
Miss	1,387	3.5	2.0	.3	1.0	710	P. Rico [3]	980	3.2	2.9	.4	.3	300

– Represents zero. Z Less than 50 million. [1] Based on population as of July 1. [2] Evaporated, transpired, or incorporated into products; excludes irrigation conveyance losses by evapotranspiration. [3] Includes Virgin Islands.

Source: U.S. Geological Survey, *Estimated Use of Water in the United States in 1980*, Circular 1001.

NO. 351. U.S. WATER WITHDRAWALS AND CONSUMPTION PER DAY BY END-USE: 1940 TO 1980

[Includes Puerto Rico. See headnote, table 350. See also *Historical Statistics, Colonial Times to 1970,* series J 92-103]

YEAR	Total (bil. gal.)	Per capita [1] (gal.)	Irrigation (bil. gal.)	PUBLIC WATER UTILITIES [2] Total (bil. gal.)	PUBLIC WATER UTILITIES [2] Per capita [3] (gal.)	Rural domestic [4] (bil. gal.)	Industrial and misc. [5] (bil. gal.)	Steam electric utilities (bil. gal.)
WITHDRAWALS								
1940	136	1,027	71	10	75	3.1	29	23
1950	180	1,185	89	14	145	3.6	37	40
1955	240	1,454	110	17	148	3.6	39	72
1960	270	1,500	110	21	151	3.6	38	100
1965	310	1,602	120	24	155	4.0	46	130
1970	370	1,815	130	27	166	4.5	47	170
1975	420	1,972	140	29	168	4.9	45	200
1980	450	1,953	150	34	183	5.6	45	210
CONSUMPTION								
1960	61	339	52	3.5	25	2.8	3.0	.2
1965	78	403	66	5.2	34	3.2	3.4	.4
1970	87	427	73	5.9	36	3.4	4.1	.8
1975	96	451	80	6.7	38	3.4	4.2	1.9
1980	100	440	83	7.1	38	3.9	5.0	3.2

[1] Based on Bureau of the Census resident population as of July 1. [2] Includes domestic central and commercial water withdrawals. [3] Based on population served. [4] Rural farm and nonfarm household and garden use, and water for farm stock and dairies. [5] For 1940–1960, includes manufacturing and mineral industries, rural commercial industries, air conditioning, resorts, hotels, motels, military and other State and Federal agencies, and miscellaneous; thereafter, includes manufacturing, mining and mineral processing, ordnance, construction, and miscellaneous.

Source: U.S. Bureau of Domestic Business Development, 1940–1960 based principally on committee prints, *Water Resources Activities in the United States,* for the Senate Committee on National Water Resources, U.S. Senate, 1960; U.S. Geological Survey, *Estimated Use of Water in the United States in 1980,* circular 1001 and previous quinquennial issues.

NO. 352. NATIONAL AMBIENT WATER QUALITY IN RIVERS AND STREAMS—VIOLATION RATE: 1973 TO 1981

[**In percent.** Violation level based on U.S. Environmental Protection Agency water quality criteria. Violation rate represents the proportion of all measurements of a specific water quality pollutant which exceeds the "violation level" for that pollutant. "Violation" does not necessarily imply a legal violation. Data based on U.S. Geological Survey's National Stream Quality Accounting Network (NASQAN) data system; for details, see source. Years refer to water years. A water year begins in Oct. and ends in Sept. μg = micrograms. mg = milligrams. For metric conversions, see p. xii]

POLLUTANT	VIOLATION LEVEL	1973	1974	1975	1976	1977	1978	1979	1980	1981
Fecal coliform bacteria	Above 200 cells per 100 ml	46	46	36	32	34	35	34	31	30
Dissolved oxygen	Below 5 mg per liter	6	4	5	6	11	5	4	5	4
Phosphorus	Above 1 mg per liter	57	60	47	47	48	48	47	48	49
Lead	Above 50 μg per liter	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	13	5	3
Cadmium	Above 10 μg per liter	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	4	1	1

NA Not available.

Source: U.S. Council on Environmental Quality, *Environmental Quality,* 1980, and unpublished data.

NO. 353. POLLUTING DISCHARGES REPORTED IN U.S. WATERS: 1970 TO 1981

ITEM	Incidents	Gallons (1,000)
1970, discharges	3,711	15,253
1971, discharges	8,736	8,840
1972, discharges	9,931	18,806
1973, discharges	13,328	24,315
1974, discharges	14,432	19,422
1975, discharges	12,781	22,243
1976, discharges	13,930	36,608
1977, discharges	15,330	11,248
1978, discharges	14,495	17,557
1979, discharges	13,134	13,661
1980, discharges	11,155	15,093
1981, discharges	**10,072**	**19,638**
Vessel	2,875	14,470
Tankship	449	9,496
Tank barge	768	4,281
Other	1,658	693
Nontransport facilities	1,935	2,488
Onshore	104	30
Offshore	851	35
Other	980	2,423

ITEM	Incidents	Gallons (1,000)
1981—Con.		
Pipeline	517	1,393
Marine facilities:		
Onshore/offshore	604	545
Land vehicles	345	339
Land facilities	153	108
Other or unknown	3,643	295
Type of pollutant:		
Crude Oil	1,896	10,697
Diesel Oil	1,857	1,217
Other oil	2,208	349
Other or unknown	4,111	7,375
Location:		
Atlantic Coast	2,499	1,249
Gulf Coast	1,846	471
Pacific Coast	1,214	444
Great Lakes	308	137
Inland	4,140	17,332

Source: U.S. Coast Guard, *Polluting Incidents In and Around U.S. Waters,* calendar years 1980 and 1981.

No. 354. Population Served by Sewer Systems, by Degree of Treatment: 1960 to 1982

[In millions, except percent. 1960 and 1970 not strictly comparable with later years]

ITEM	1960	1970	1978	1980	1982	ITEM	1960	1970	1978	1980	1982
U.S. population	180	203	220	224	230	Degree of treatment:					
Not served by sewers	70	58	66	65	62	Primary	36	(NA)	21	41	48
Percent of population	39	29	30	29	27	Advanced primary			26		
Served by sewers	110	145	154	159	168	Secondary			56	63	63
Not treated	70	59	2	2	2	Advanced secondary	4	(NA)	31	48	48
Treated	40	86	152	157	166	Tertiary			18	[1] 5	5

NA Not available. [1] Decrease in 1980 due to some tertiary plants being downgraded into other classifications of treatment.

Source: 1960 and 1970, U.S. Dept. of Commerce, "Market for Water and Waste Water Treatment Equipment," *Journal, Water Pollution Control Federation*, April 1979; 1978–1982, U.S. Environmental Protection Agency, *Needs Survey, Conveyance and Treatment of Municipal Wastewater, Summaries of Technical Data*, biennial.

No. 355. National Ambient Air Pollutant Concentrations: 1975 to 1981

[Data represent annual composite averages of pollutant based on daily 24-hour averages of monitoring stations. $\mu g/m^3$ = micrograms of pollutant per cubic meter of air; mg/m^3 = milligrams of pollutant per cubic meter of air]

POLLUTANT	Unit	Monitoring stations, number	Annual standard	1975	1976	1977	1978	1979	1980	1981
Carbon monoxide	mg/m^3	224	(1)	13.0	12.3	11.6	11.0	10.4	9.7	9.7
Ozone	$\mu g/m^3$	209	(2)	294	292	292	298	269	272	253
Sulfur dioxide	$\mu g/m^3$	416	80	39.3	39.3	34.1	31.4	31.4	28.8	28.8
Total suspended particulates	$\mu g/m^3$	1,972	75	61	61	61	60	60	62	59
Nitrogen dioxide	$\mu g/m^3$	445	100	45.1	47.0	47.0	50.8	50.8	48.9	47.0
Lead	$\mu g/m^3$	92	(3)	.91	.89	.94	.84	.73	.46	.39
INDEX										
Carbon monoxide	1975=100	224	(1)	100	95	89	85	80	75	75
Ozone		209	(2)	100	99	99	101	91	93	86
Sulfur dioxide		416	80	100	100	87	80	80	73	73
Total suspended particulates		1,972	75	100	100	100	98	98	102	97
Nitrogen dioxide		445	100	100	100	104	104	113	113	108	104
Lead		92	(3)	100	98	103	92	80	51	43

[1] Based on 8-hour standard of 10 mg/m^3. [2] Based on 1-hour standard of 235 $\mu g/m^3$. [3] Based on 3-month standard of 1.5 $\mu g/m^3$.

Source: U.S. Environmental Protection Agency, *National Ambient Air Quality and Emissions Trends Report, 1975–1981.*

No. 356. National Air Pollutant Emissions, by Pollutant and Emissions Source: 1980

[In thousands of tons. Based on data collected in the National Emissions Data System (NEDS) on emissions sources. Point source data, which come from State air pollution control agencies, represent stationary facilities that are emitters of relatively large quantities (100 tons or more annually) of one or more air contaminants. Area sources are all sources not identified as point sources such as motor vehicles, aircraft, railroads, small stationary sources, forest fires, etc. Data will not agree with those shown in tables 357 and 358 due to different methodology employed]

EMISSIONS SOURCE	Particulates	Sulfur oxides	Nitrogen oxides	Hydrocarbons	Carbon monoxide	EMISSIONS SOURCE	Particulates	Sulfur oxides	Nitrogen oxides	Hydrocarbons	Carbon monoxide
Total	43,640	29,109	24,038	24,330	94,983	Chemical mfg	434	975	142	1,201	2,563
Area sources	37,715	2,170	12,350	18,706	85,547	Primary metal	533	2,548	58	95	2,608
Point sources	5,924	26,939	11,688	5,624	9,436	Petroleum ind	102	879	289	491	1,555
Fuel combustion	2,535	22,846	13,496	1,053	2,684	Solid waste disposal	487	56	120	745	2,507
Area sources	327	1,231	2,674	760	1,849	Area sources	390	19	79	673	2,062
Point sources	2,209	21,615	10,823	293	835	Point sources	97	38	41	72	445
External combustion	2,517	22,763	12,419	933	2,505	Residential (area)	356	11	66	645	1,990
Residential	222	193	360	40	1,527	Transport. (area)	6,100	912	9,354	8,273	73,581
Electric generation	1,412	17,899	7,877	58	296	Land vehicles	6,000	662	9,085	7,666	71,221
Industrial	777	3,907	3,798	821	603	Aircraft	70	13	125	186	948
Commercial/ institutional	106	765	385	14	79	Vessels	30	237	143	421	1,411
Internal combustion	18	83	1,077	120	179	Other (area) [1]	30,898	8	244	9,000	8,055
Industrial process (point) [1]	3,619	5,286	824	5,259	8,156	Forest wildfires	599	5	141	845	4,931
						Solvent [2]	-	-	-	6,660	-
						Gasoline station [2]	-	-	-	978	-
						Unpaved roads	29,729	-	-	-	-

- Represents zero [1] Includes sources not shown separately. [2] Evaporation loss.

Source: U.S. Environmental Protection Agency, *1980 National Emissions Report of the National Emissions Data System—EPA—450/4–82–010*, unpublished.

No. 357. National Air Pollutant Emissions: 1970 to 1981

[In millions of metric tons. Metric ton = 1.1023 short tons]

POLLUTANT	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Carbon monoxide	112.8	112.4	111.7	108.9	103.8	100.2	104.8	102.5	101.7	98.2	95.0	90.5
Sulfur oxides	28.4	26.9	27.6	28.9	27.1	25.6	26.4	26.0	24.7	24.5	23.4	22.5
Volatile organic compounds	27.2	26.3	26.7	26.3	24.7	23.2	24.2	24.4	25.0	24.4	23.0	21.3
Particulates[1]	17.9	16.8	15.4	14.4	12.6	10.6	10.0	9.2	9.3	9.1	8.7	8.5
Nitrogen oxides	17.6	18.0	19.1	19.4	19.0	18.6	19.8	20.3	20.5	20.5	19.8	19.5

[1] Suspended particulate matter: Particles of smoke, dust, and fumes and droplets of viscous liquid remaining in the air for varying periods of time and ranging from less than 1 micron (1/25,000 inch) to 100 microns.

Source: U.S. Environmental Protection Agency, *National Air Pollutant Emission Estimates, 1970-1981.*

No. 358. Air Pollutant Emissions, by Pollutant and Source: 1970 and 1981

[In millions of metric tons, except percent. Metric ton = 1.1023 short tons]

YEAR AND POLLUTANT	Total emissions	CONTROLLABLE EMISSIONS						Misc. uncontrolable	PERCENT OF TOTAL		
		Transportation		Fuel combustion[1]		Industrial processes	Solid waste disposal		Transportation	Fuel combustion[1]	Industrial
		Total	Road vehicles	Total	Electric utilities						
1970: Carbon monoxide	112.8	86.4	77.2	4.0	.2	9.0	6.4	7.0	76.6	3.5	8.0
Sulfur oxides	28.4	.6	.3	21.3	15.8	6.4	(z)	.1	2.1	75.0	22.5
Volatile organic compounds	27.2	11.8	10.5	.6	(z)	9.8	1.8	3.2	43.4	2.2	36.0
Particulates[2]	17.9	1.2	.9	4.4	2.3	10.1	1.1	1.1	6.7	24.6	56.4
Nitrogen oxides	17.6	7.1	5.5	9.1	4.5	.7	.4	.3	40.3	51.7	4.0
1981: Carbon monoxide	90.5	69.5	62.3	6.3	.3	6.2	2.1	6.4	76.8	7.0	6.9
Sulfur oxides	22.5	.8	.4	17.8	14.8	3.9	(z)	(z)	3.6	79.1	17.3
Volatile organic compounds	21.3	7.7	6.3	.9	(z)	9.8	.6	2.3	36.2	4.2	46.0
Particulates[2]	8.5	1.4	1.1	2.1	1.0	3.7	.4	.9	16.5	24.7	43.5
Nitrogen oxides	19.5	8.5	6.6	10.1	6.6	.6	.1	.2	43.6	51.8	3.1

Z Less than 50,000 metric tons. [1] Stationary. [2] See footnote 1, table 357.

Source: U.S. Environmental Protection Agency, *National Air Pollutant Emission Estimates, 1970-81.*

No. 359. Air Quality—Days by Level of PSI for Selected SMSA's: 1979 to 1981

[Pollutant Standards Index (PSI) is a highly summarized health-related index based on the following criteria pollutants—carbon monoxide (CO), sulfur dioxide (SO_2), total suspended particulates (TSP), photochemical oxidants or ozone (O_3), and nitrogen dioxide (NO_4). The PSI for one day will rise above 100 when any one of the 5 criteria pollutants (at only one station in an SMSA) reaches a level judged to have adverse short-term effects on human health. Depending on the pollutant, the time to exceed the standard varies from 1 to 24 hours. The health effect labels for PSI intervals are good or moderate for 0-99; unhealthful for 100-199; very unhealthful for 200-300; and hazardous for more than 300. For SMSA explanation, see Appendix III]

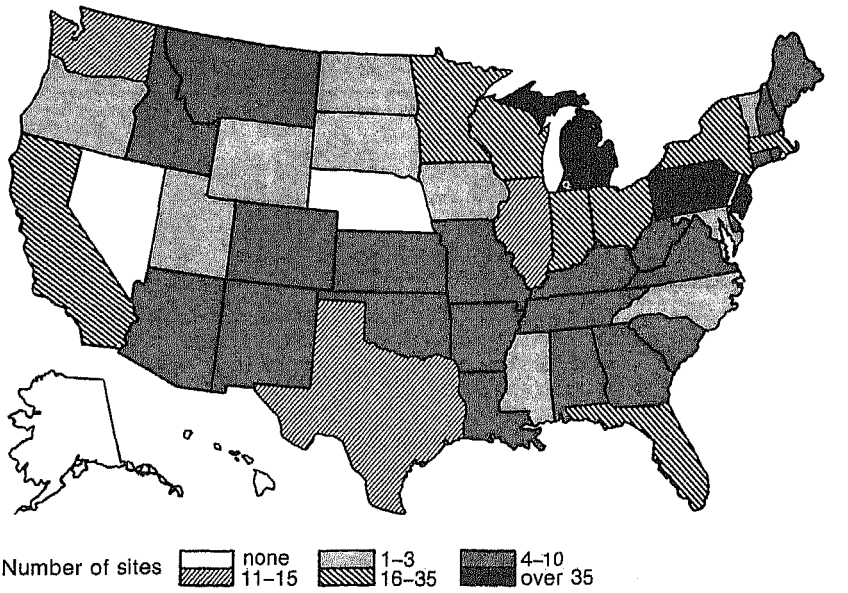
STANDARD METROPOLITAN STATISTICAL AREA	NUMBER OF DAYS ACCORDING TO POLLUTANT STANDARDS INDEX (PSI)											
	1979				1980				1981			
	0-99	100-199	200-300	More than 300	0-99	100-199	200-300	More than 300	0-99	100-199	200-300	More than 300
Los Angeles, Calif	117	126	112	10	145	109	110	2	117	137	111	-
Riverside-San Bernardino-Ontario, Calif	158	102	103	3	195	78	92	1	181	92	92	-
New York, N.Y.-N.J	252	110	3	-	235	129	2	-	259	102	4	-
Denver, Colo	237	87	37	4	277	62	23	4	286	56	22	1
San Diego, Calif	259	96	10	-	(NA)	(NA)	(NA)	(NA)	296	67	2	-
Houston, Tex	247	94	23	1	265	80	21	-	298	47	20	-
Seattle-Everett, Wash	305	54	6	-	333	33	-	-	330	34	1	-
Philadelphia, Pa.-N.J	286	75	4	-	303	59	4	-	333	31	1	-
Portland, Oreg.-Wash	310	38	12	5	311	42	10	4	335	26	4	-
Salt Lake City, Utah	317	33	14	1	312	36	18	-	335	29	1	-
St. Louis, Mo.-Ill	273	67	21	-	311	49	6	-	339	23	2	1
Washington, D.C.-Md.-Va	318	44	3	-	297	67	2	-	344	21	-	-
Louisville, Ky.-Ind	307	56	2	-	307	56	3	-	345	19	1	-
Chicago, Ill	283	74	8	-	318	45	3	-	347	18	-	-
Milwaukee, Wis	332	32	1	-	350	14	2	-	354	10	1	-
Buffalo, N.Y	(NA)	(NA)	(NA)	(NA)	348	12	6	-	358	6	-	1
Kansas City, Mo.-Kans	(NA)	(NA)	(NA)	(NA)	329	36	1	-	361	4	-	-
Cincinnati, Ohio-Ky.-Ind	336	26	3	-	341	25	-	-	(NA)	(NA)	(NA)	(NA)
Sacramento, Calif	346	19	-	-	345	19	2	-	(NA)	(NA)	(NA)	(NA)
San Francisco, Calif	342	23	-	-	358	8	-	-	(NA)	(NA)	(NA)	(NA)
Tampa-St. Petersburg, Fla	357	6	2	-	361	5	-	-	(NA)	(NA)	(NA)	(NA)
Syracuse, N.Y	361	4	-	-	362	1	3	-	(NA)	(NA)	(NA)	(NA)
Rochester, N.Y	359	6	-	-	363	3	-	-	(NA)	(NA)	(NA)	(NA)

- Represents zero. NA Not available.

Source: U.S. Council on Environmental Quality, *Environmental Quality, 1980* and unpublished data.

Figure 7.2
Hazardous Waste Sites — Number of Sites on National Priorities List: August 1983

[Represents targeted hazardous waste sites identified for action under the Comprehensive Environmental Response Compensation, and Liability Act of 1980 (also known as "Superfund"). Superfund is a national trust fund (about $1.6 billion) established by Congress for cleaning up environmental problems when the public health or environment is threatened by hazardous wastes improperly disposed of in the past or by spills of hazardous substances]



Total sites in U.S.: 546

Source: U.S. Environmental Protection Agency, *Hazardous Waste Sites, National Priorities List*, August 1983.

No. 360. Solid Waste Disposal, by Selected Manufacturing Industries: 1974 to 1981

[In thousands of short tons. Excludes recovered materials. Data include both wet and dry weight figures. Excludes apparel and other textile, and establishments with less than 20 employees]

INDUSTRY GROUP	1974	1975	1976	1977	1978	1979	1980	1981
All industries[1]	**133,325**	**139,051**	**156,826**	**159,954**	**160,753**	**163,678**	**149,873**	**145,796**
Food	11,501	12,641	14,965	13,088	13,392	13,971	14,410	13,155
Lumber and wood	6,887	8,143	9,328	6,311	6,662	6,506	5,893	6,419
Paper	8,837	9,123	10,146	10,648	10,947	13,253	12,251	11,299
Chemicals	38,155	38,695	50,282	55,719	48,803	45,407	43,431	43,673
Petroleum	2,388	2,038	2,592	2,873	3,585	3,075	4,873	4,667
Stone, clay, glass	9,337	11,345	11,088	12,617	12,742	14,143	13,336	12,098
Primary metal	40,800	42,708	42,353	41,742	46,068	47,783	37,523	35,967
Electric equipment	1,534	1,500	1,500	1,495	1,777	2,319	2,148	1,683
Transportation equipment	4,207	3,785	4,284	4,749	5,242	4,253	4,168	3,986

[1] Includes industries not shown separately.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-200, annual.

No. 361. Solid Waste Generation, Recovery, and Disposal: 1960 to 1980

[**In millions of tons, except as indicated.** Covers post-consumer residential and commercial solid wastes which comprise the major portion of typical municipal collections. Excludes mining, agricultural and industrial processing, demolition and construction wastes, sewage sludge, and junked autos and obsolete equipment wastes. Based on material-flows estimating procedure and wet weight as generated. NA Not available]

ITEM AND MATERIAL	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Gross waste generated	86.9	104.8	131.1	143.1	135.6	143.2	146.6	150.4	155.8	155.6
Per person per day (lb.)	2.64	2.96	3.50	3.67	3.44	3.60	3.65	3.70	3.79	3.74
Net waste disposed of	80.8	98.4	123.4	132.6	126.7	132.5	134.9	138.9	143.6	142.8
Per person per day (lb.)	2.45	2.77	3.30	3.40	3.21	3.33	3.36	3.42	3.50	3.44
Resources recovered	6.1	6.4	7.7	10.5	8.9	10.7	11.7	11.5	12.2	12.7
Per person per day (lb.)	.18	.18	.21	.27	.23	.27	.29	.28	.30	.31
Percent of gross discards:										
Paper	18.8	15.8	16.0	16.3	15.5	16.1	19.8	20.1	20.0	20.6
Glass	1.4	1.2	1.3	2.5	2.7	2.7	3.4	3.3	3.5	4.9
Metal	.5	1.0	1.2	3.4	4.4	4.5	2.5	2.5	4.1	4.1
Aluminum	(NA)	(NA)	1.3	5.0	8.7	9.2	7.1	13.3	12.1	14.8
Rubber	5.7	12.5	8.2	6.1	6.9	3.9	3.4	3.3	4.0	3.9

Source: U.S. Environmental Protection Agency, unpublished data from Franklin Associates, Ltd., Prairie Village, Kans.

No. 362. Synthetic Organic Pesticides—Production and Sales: 1960 to 1981

[Includes a small quantity of soil conditioners. Minus sign (–) indicates decrease]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
Production, total	Mil. lb	648	877	1,034	1,603	1,364	1,388	1,416	1,429	1,468	1,430
Herbicides	Mil. lb	102	263	404	788	656	674	664	657	806	839
Insecticides	Mil. lb	366	490	490	660	566	570	605	617	506	448
Fungicides	Mil. lb	179	124	140	155	142	143	147	155	156	143
Production value [1]	Mil. dol	307	577	1,058	2,900	2,880	3,116	3,342	3,685	4,269	5,146
Sales, total	Mil. lb	570	764	881	1,317	1,193	1,263	1,300	1,369	1,406	1,291
Sales value [1]	Mil. dol	262	497	870	2,359	2,410	2,808	3,041	3,631	4,078	4,652

[1] Manufacturers unit value multiplied by production.

Source: U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service, *The Pesticide Review*, 1981. Based on data from U.S. International Trade Commission, *Synthetic Organic Chemicals*, annual.

No. 363. Pesticide Residues in Human Adipose Tissue—Concentration Levels: 1970 to 1979

[**In parts per million (ppm).** Data based on a sample of measurements of pesticide residues and associated chemicals found in human tissue collected by medical pathologists from selected cities in the conterminous 48 states as part of the National Human Adipose Tissue Monitoring Program]

PESTICIDE RESIDUES	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
DDT	8.07	8.24	7.06	6.09	5.34	4.97	4.69	3.47	3.91	3.64
Dieldrin	.23	.26	.22	.22	.18	.17	.15	.12	.12	.11
Oxychlordane	(NA)	.08	.14	.14	.14	.14	.14	.12	.13	.13
Heptachlor epoxide	.14	.11	.11	.11	.10	.11	.10	.09	.09	.10
trans-Nonachlor	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	.17	.12	.16	.17
beta-Benzene hexachloride	.47	.42	.33	.32	.28	.25	.26	.20	.20	.22
Hexachlorobenzene	(NA)	(NA)	(NA)	(NA)	.43	.05	.05	.05	.05	.05

NA Not available.

Source: U.S. Environmental Protection Agency, Office of Toxic Substances, "Trends of Organochlorine Pesticide Residues in Human Tissue," 1981, and unpublished data.

No. 364. Threatened and Endangered Wildlife and Plant Species—Number: 1983

[**As of Jan. 31.** Endangered species: One in danger of becoming extinct throughout all or a significant part of its natural range. Threatened species: One likely to become endangered in the foreseeable future]

ITEM	Mammals	Birds	Reptiles	Amphibians	Fishes	Snails	Clams	Crustaceans	Insects	Plants
Endangered species, total	256	210	69	13	44	4	25	2	7	57
U.S. only	15	52	8	5	29	3	23	2	7	55
U.S. and foreign	18	14	6	–	4	–	–	–	–	2
Foreign only [1]	223	144	55	8	11	1	2	–	–	–
Threatened species, total	25	3	12	3	12	5	–	1	6	12
U.S. only	3	3	8	3	12	5	–	1	4	9
U.S. and foreign	–	–	4	–	–	–	–	–	2	1
Foreign only [1]	22	–	–	–	–	–	–	–	–	2

– Represents zero. [1] Species outside U.S. and outlying areas as determined by Fish and Wildlife Service.

Source: U.S. Fish and Wildlife Service, *Endangered Species Technical Bulletin*, Mar. 1983, vol. VIII, No. 4.

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No. 365. Pollution Abatement and Control Expenditures in Current and Constant (1972) Dollars, 1973 to 1981, and by Media, 1981

[In millions of dollars, except percent. Excludes agricultural production of crops and livestock except feedlots]

TYPE	1973	1974	1975	1976	1977	1978	1979	1980	1981, prel.			
									Total [1]	Air	Water	Solid waste
CURRENT DOLLARS												
Total expenditures	**21,930**	**26,261**	**30,923**	**34,681**	**37,962**	**43,416**	**49,904**	**56,061**	**60,326**	**29,494**	**21,724**	**9,971**
Percent Government of total	28.3	28.4	28.2	27.8	26.5	27.6	26.1	24.1	21.0	3.3	35.8	31.2
Pollution abatement	20,537	24,678	29,167	32,677	35,652	40,833	47,062	53,003	57,154	28,142	20,972	9,668
Personal consumption	2,065	2,667	3,463	3,994	4,311	4,762	5,646	7,092	9,011	9,011	-	-
Durable goods	670	690	1,361	1,821	2,166	2,525	2,912	3,715	5,198	5,198	-	-
Nondurable goods and services	1,395	1,977	2,102	2,173	2,145	2,237	2,734	3,378	3,813	3,813	-	-
Business	*13,097*	*15,527*	*18,134*	*20,335*	*22,761*	*25,692*	*30,066*	*34,324*	*37,532*	*18,630*	*13,844*	*6,845*
On capital account	6,766	7,436	8,832	9,469	10,101	10,882	12,309	13,099	13,509	7,892	4,707	910
On current account	6,331	8,091	9,302	10,866	12,660	14,809	17,757	21,225	24,023	10,738	9,137	5,935
Government	5,375	6,484	7,570	8,348	8,580	10,380	11,350	11,587	10,611	500	7,128	2,824
Federal	203	294	432	472	490	472	548	495	533	94	244	66
State and local	*1,433*	*1,591*	*1,752*	*1,834*	*1,963*	*2,212*	*2,461*	*2,772*	*3,066*	-	*278*	*2,758*
Govt. enterprise fixed capital	3,738	4,598	5,387	6,042	6,128	7,697	8,341	8,321	7,012	406	6,606	-
Regulation and monitoring [2]	490	595	653	725	833	949	1,067	1,296	1,399	334	513	240
Federal	278	346	381	402	429	507	593	793	840	108	293	153
Research and development [2]	903	988	1,103	1,279	1,478	1,633	1,775	1,762	1,774	1,018	239	62
Private	569	608	606	706	849	985	1,143	1,107	1,102	883	108	14
Federal	269	342	448	528	578	592	564	591	644	135	121	44
CONSTANT (1972) DOLLARS												
Total expenditures	**20,603**	**21,307**	**23,008**	**24,325**	**24,800**	**26,330**	**26,936**	**26,730**	**26,407**	**12,125**	**9,650**	**4,838**
Pollution abatement	*19,298*	*19,851*	*21,644*	*22,868*	*23,230*	*24,696*	*25,236*	*25,018*	*24,721*	*11,402*	*9,255*	*4,678*
Personal consumption	1,965	2,116	2,589	2,857	2,945	3,066	3,100	3,344	4,094	4,094	-	-
Business	12,330	12,372	13,057	13,789	14,315	15,011	15,651	15,582	15,480	7,083	5,789	3,300
Government	5,002	5,463	5,998	6,221	5,970	6,619	6,486	6,092	5,147	226	3,467	1,378
Regulation and monitoring	456	515	517	538	577	620	653	728	731	168	267	127
Research and development	849	840	847	920	993	1,014	1,046	984	955	555	128	33

- Represents zero. [1] Includes "other and unallocated" expenditures (such as for noise, radiation, and pesticide pollution *and business expenditures not assigned to media*) which may be either positive or negative. Therefore, data may not add. [2] Includes State and local governments, not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, February 1983.

No. 366. Air and Water Pollution Abatement and Control Expenditures in Constant (1972) Dollars: 1973 to 1981

[In millions of dollars. See headnote, table 365]

YEAR	AIR							WATER				
	Total	Mobile sources [1]			Stationary sources			Total	Industrial		Public sewer systems [3]	
		Total	Cars	Trucks	Total [2]	Industrial			Facilities	Operation of facilities	Facilities	Operation of facilities
						Facilities	Operation of facilities					
1973	7,130	2,869	2,501	368	4,261	2,786	1,328	8,214	1,585	1,021	4,246	1,363
1974	7,428	3,315	2,751	564	4,113	2,745	1,216	8,535	1,596	1,023	4,482	1,435
1975	8,514	4,119	3,362	757	4,395	2,926	1,317	9,298	1,945	1,062	4,765	1,524
1976	8,912	4,579	3,610	970	4,333	2,638	1,498	9,916	2,138	1,210	4,960	1,609
1977	9,104	4,820	3,711	1,109	4,284	2,457	1,621	9,923	2,050	1,337	4,795	1,740
1978	9,435	5,142	3,756	1,385	4,293	2,377	1,724	10,823	1,928	1,525	5,493	1,877
1979	9,974	5,425	3,717	1,708	4,549	2,496	1,829	10,641	1,809	1,617	5,323	1,892
1980	10,504	5,829	4,154	1,675	4,675	2,541	1,867	9,947	1,699	1,531	4,782	1,936
1981, prel.	11,402	7,045	5,256	1,789	4,357	2,253	1,840	8,644	1,425	1,544	3,719	1,956

[1] Excludes expenditures to reduce emissions from sources other than cars and trucks. [2] Includes other expenditures not shown separately. [3] Includes expenditures for private connectors to sewer systems, by owners of animal feedlots, and by government enterprises.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, February 1983.

NO. 367. FEDERAL OUTLAYS FOR THE ENVIRONMENT, BY ACTIVITY: 1973 TO 1982

[**In millions of dollars, except percent.** Through **1976**, for years ending **June 30**; thereafter, for years ending **Sept. 30**. Minus sign (–) denotes decrease]

ACTIVITY	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, est.
Total	**3,701**	**4,909**	**5,995**	**7,481**	**9,212**	**10,777**	**11,982**	**12,757**	**12,501**	**11,823**
Annual percent change	[1] 28.9	32.6	22.1	24.8	23.1	17.0	11.2	6.5	–2.8	–5.4
Pollution abatement and control	1,925	2,974	3,571	4,536	5,829	5,934	6,945	7,632	7,220	6,954
Percent Environmental Protection Agency	57.8	68.3	70.8	93.2	74.9	68.6	69.1	73.4	72.8	68.6
Aid to State and local governments	908	1,867	2,189	2,769	3,967	3,972	4,769	5,177	4,671	4,500
Research and development	489	414	570	683	786	836	795	782	810	800
Standard setting and enforcement	[2] 215	304	369	394	426	524	537	791	776	750
Reduction of pollution from Federal facilities	174	301	334	478	457	431	550	471	488	506
Other	139	88	109	211	192	171	294	411	474	398
Protection and enhancement	820	870	1,128	1,294	1,498	2,688	2,614	2,749	2,583	2,266
Aid to State and local governments [3]	248	333	403	392	426	847	856	891	1,063	851
City recreation	69	93	110	98	205	425	338	335	209	196
Noncity general recreation	84	121	151	142	145	158	196	128	253	232
Historic preservation and rehabilitation	9	11	11	14	47	39	45	84	106	75
Direct Federal activities [3]	571	537	725	902	1,073	1,841	1,758	1,858	1,520	1,415
Noncity general recreation	172	128	189	264	325	372	449	468	319	310
Preservation and protection [4]	195	151	164	245	303	647	387	434	382	347
City recreation	46	108	145	139	113	132	196	212	206	213
Historic preservation and rehabilitation	53	41	60	39	73	63	133	112	100	101
Understanding, describing, and predicting [3]	956	1,065	1,296	1,651	1,885	2,155	2,423	2,376	2,698	2,603
Observation and prediction [5]	452	484	595	661	709	744	757	854	902	929
Locate and describe natural resources	250	260	351	423	490	688	861	650	902	739
Research on environmental impact on people	66	96	57	227	261	266	303	337	398	428
Ecological and other basic environmental research	66	89	125	169	206	242	266	228	178	181
Physical environmental surveys	103	115	146	155	199	197	214	281	292	302

[1] Change from 1972. [2] Includes funds for planning, monitoring and surveillance, and technical assistance. [3] Includes activities not shown separately. [4] Unique natural areas and endangered species. [5] Includes weather, ocean conditions, and earthquakes and other disturbances.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual, and unpublished data.

NO. 368. FEDERAL OBLIGATIONS FOR POLLUTION ABATEMENT AND CONTROL: 1970 TO 1982

[**In millions of dollars.** For **1970** and **1975**, year ending **June 30**; thereafter, for years ending **Sept. 30**. Obligations refer to liabilities, contracts, and other commitments entered into requiring payment of money by the Government]

MEDIA	1970	1975	1980	1981	1982 [1]	SELECTED POLLUTANTS [2]	1970	1975	1980	1981	1982 [1]
Total	**1,071**	**6,103**	**8,195**	**7,455**	**6,954**	Toxics	(X)	(X)	487	380	432
						Solid wastes	20	174	356	535	718
Water	677	5,179	6,192	5,373	4,729	Radiation	116	160	209	220	239
Air	189	348	537	532	508						
Land	35	57	117	131	147	Pesticides	30	59	127	140	122
Other	169	519	1,349	1,419	1,571	Noise	36	50	92	106	84

X Not applicable. [1] Estimated. [2] Funds for selected pollutants are included in media breakdown.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual, and unpublished data.

NO. 369. GOVERNMENTAL EXPENDITURES FOR WATER, LAND, AND AIR QUALITY CONTROL ACTIVITIES: 1977 TO 1980

[**In millions of dollars.** For fiscal years ending in year stated. Covers regulatory, administrative, operational, and other activities directly related to the prevention, control, and abatement of water, land, and air pollution]

LEVEL OF GOVERNMENT	WATER QUALITY CONTROL				LAND QUALITY CONTROL [1]				AIR QUALITY CONTROL			
	1977	1978	1979	1980	1977	1978	1979	1980	1977	1978	1979	1980
Federal expenditures	4,318	4,413	4,829	5,564	125	132	163	214	256	323	353	408
Direct	467	490	557	689	118	116	120	177	200	263	263	302
Intergovernmental	3,851	3,923	4,272	4,875	7	16	43	38	56	60	90	107
State expenditures	862	818	986	1,025	134	148	188	237	189	185	166	323
Direct	381	406	439	526	120	128	164	207	178	171	152	309
Intergovernmental	481	412	547	499	14	20	24	30	11	14	14	13
Local expenditures [2]	6,466	6,834	8,498	9,546	2,337	2,780	3,014	3,400	32	35	35	36
Current operation	2,316	2,643	3,078	3,532	2,104	2,501	2,668	2,965	31	34	33	35
Capital outlay	4,150	4,191	5,420	6,014	233	279	346	435	1	1	1	1

[1] Includes collection, disposal, and recycling of trash, garbage, and other solid or hazardous waste, street cleaning, State government highway litter program, licensing and inspection, enforcement, etc. See footnote 2. [2] Direct expenditures. Water quality control represents sewerage; land quality control, "sanitation other than sewerage" activities; and air quality control, expenditures only for cities with at least 300,000 population and counties with at least 500,000 population.

Source: U.S. Bureau of the Census, *Environmental Quality Control, Governmental Finances: Fiscal Year 1976-77* (GSS No. 90), *Fiscal Year 1977-78* (GSS No. 97), *Fiscal Year 1978-79* (GSS No. 101), and *Fiscal Year 1979-80* (GSS No. 103).

No. 370. New Capital Business Expenditures for Pollution Abatement: 1975 to 1982

Industry	Pollution abatement expenditures (bil. dol.)									Percent of total capital outlays by business [1]		
	1975	1978	1979	1980	1981	1982				1975	1980	1982
						Total	Air	Water	Solid waste			
Total nonfarm business	**6.97**	**7.58**	**8.42**	**9.20**	**8.93**	**8.49**	**4.69**	**2.98**	**.82**	**4.4**	**3.1**	**2.7**
Manufacturing	4.93	4.44	4.82	5.52	5.42	4.72	2.28	1.94	.51	9.0	4.8	3.9
Durable goods [2]	1.90	1.74	2.00	2.27	1.97	1.76	.92	.69	.14	7.2	3.8	3.1
Primary metals	1.02	.79	.92	.98	.78	.76	.45	.27	.03	17.5	12.7	10.2
Electrical machinery	.09	.10	.11	.16	.18	.15	.06	.08	.02	2.8	1.6	1.5
Machinery, exc. electrical	.09	.13	.14	.15	.15	.18	.08	.08	.03	1.8	1.3	1.4
Transportation equipment	.16	.28	.41	.52	.46	.40	.21	.16	.03	2.7	2.9	2.6
Stone, clay, and glass	.22	.23	.21	.25	.16	.08	.05	.01	.02	13.3	6.6	3.1
Nondurable goods [2]	3.03	2.70	2.82	3.25	3.46	2.96	1.36	1.25	.36	10.6	5.7	4.7
Food, incl. beverage	.29	.34	.27	.27	.30	.38	.17	.16	.04	7.2	3.7	4.9
Paper	.50	.29	.40	.39	.38	.30	.15	.09	.06	16.7	5.8	5.0
Chemicals	.82	.73	.63	.73	.88	.67	.32	.27	.07	10.8	5.8	5.0
Petroleum	1.27	1.20	1.38	1.71	1.76	1.50	.67	.67	.16	13.2	8.3	5.6
Rubber	.05	.07	.05	.03	.04	.04	.02	.01	.01	4.2	1.9	2.3
Nonmanufacturing	2.04	3.14	3.60	3.69	3.51	3.77	2.41	1.04	.32	2.0	2.1	1.9
Mining	.14	.42	.51	.48	.46	.52	.21	.20	.11	2.3	3.6	3.4
Transportation	.11	.11	.10	.11	.09	.14	.08	.05	.01	1.2	.9	1.2
Public utilities	1.51	2.39	2.75	2.88	2.80	3.00	2.07	.77	.15	7.5	8.1	7.2
Communication and other	.29	.23	.23	.21	.14	.11	.05	.03	.03	.9	.3	.1

[1] Based on outlays reported in source; see also table 915. [2] Includes industries not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* March 1983 and earlier issues.

No. 371. Pollution Abatement Capital Expenditures and Operating Costs, by Selected Manufacturing Industry Group: 1981

[**In millions of dollars.** Based on probability sample of about 20,000 manufacturing establishments. Excludes apparel and other textile establishments and establishments with less than 20 employees. *Data will not agree with those shown in table 370; see* source for details]

Industry group	Pollution abatement capital expenditures				Pollution abatement gross operating costs [1]			
	Total	Air	Water	Solid waste	Total	Air	Water	Solid waste
All industries [2]	**3,484.9**	**2,193.6**	**1,028.4**	**263.1**	**9,109.9**	**3,697.8**	**3,554.3**	**1,855.7**
Food	173.5	53.9	104.8	14.8	579.1	78.3	343.3	157.5
Lumber and wood	78.5	49.2	10.5	18.8	134.7	43.2	26.9	64.6
Paper	285.5	168.0	86.5	31.1	829.7	211.8	469.9	148.0
Chemicals	752.8	335.0	322.2	95.6	2,047.8	571.9	1,069.1	406.9
Petroleum	590.6	440.8	131.7	18.2	1,685.5	1,118.0	437.2	130.2
Stone, clay, glass	188.5	165.6	13.8	9.2	310.7	191.0	47.5	72.5
Primary metal	728.2	567.2	144.1	16.9	1,911.8	1,111.9	549.2	250.7
Electric equipment	97.1	48.7	41.0	7.4	247.1	51.8	106.2	89.8
Transportation equipment	283.3	209.2	60.0	14.2	426.1	117.5	150.7	157.7

[1] Includes payments to governmental units. [2] Includes industries not shown separately.

Source: U.S. Bureau of the Census, *Current Industries Reports,* series MA-200, annual.

No. 372. Tornadoes, Floods, and Tropical Cyclones: 1946 to 1981

[See also *Historical Statistics, Colonial Times to 1970,* series J 268-278]

Item	1946-1955	1956-1965	1966-1975	1973	1974	1975	1976	1977	1978	1979	1980	1981
Tornadoes, number [1]	2,969	6,572	8,030	1,102	947	920	835	852	788	852	866	783
Lives lost, total	1,751	924	1,172	87	361	60	44	43	53	84	28	24
Most in a single tornado	169	44	58	7	34	9	5	22	16	42	5	5
Property loss of $500,000 and over	130	191	428	76	107	42	46	46	59	73	92	55
Floods: Lives lost	808	557	1,528	105	121	114	187	212	125	103	97	90
Property loss (mil. dol.)	3,350	2,721	10,225	859	576	1,051	1,000	1,393	1,000	4,000	1,500	1,000
North Atlantic tropical cyclones and hurricanes: [2]												
Number reaching U.S. coast	40	33	25	1	1	1	2	1	2	5	2	2
Hurricanes only	21	14	13	-	1	1	1	1	-	3	1	-
Lives lost in U.S	495	692	504	5	1	21	9	-	35	11	2	-

- Represents zero. [1] A violent, rotating column of air descending from a cumulonimbus cloud in the form of a tubular- or funnel-shaped cloud, usually characterized by movements along a narrow path and wind speeds from 100 to over 300 miles per hour. Also known as a "twister" or "waterspout." [2] *Tropical cyclones have maximum winds of 39 to 73 miles per hour;* hurricanes have maximum winds of 74 miles per hour or higher.

Source: U.S. National Oceanic and Atmospheric Administration, 1946-1980, *Climatological Data: National Summary,* monthly with annual summary; thereafter, *Storm Data,* monthly.

NO. 373. NORMAL DAILY MEAN TEMPERATURE—SELECTED CITIES

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1951 through 1980. See *Historical Statistics, Colonial Times to 1970*, series J 110-136 and J 164-267, for related data]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala	Mobile	50.8	53.6	60.1	68.0	74.9	80.5	82.2	81.8	78.2	68.5	58.6	53.1	67.5
Alaska	Juneau	21.8	27.8	31.2	39.1	46.5	52.7	55.7	54.6	49.2	41.8	32.7	26.8	40.0
Ariz	Phoenix	52.3	56.1	60.6	68.0	77.0	86.5	92.3	89.9	84.6	73.4	60.6	53.3	71.2
Ark	Little Rock	39.9	44.1	52.2	62.4	70.5	78.5	82.1	81.0	74.3	63.1	51.2	43.2	61.9
Calif	Los Angeles	56.0	57.1	57.4	59.5	62.4	65.6	69.0	70.3	69.5	66.3	61.2	57.0	62.6
	Sacramento	45.3	50.3	53.2	58.2	64.9	71.2	75.6	74.7	71.7	63.9	53.0	45.6	60.6
	San Francisco	48.5	51.6	52.8	54.8	57.8	60.8	62.2	63.0	63.9	60.6	54.5	49.2	56.6
Colo	Denver	29.5	33.6	38.0	47.4	57.2	67.0	73.3	71.4	62.6	51.9	38.7	32.6	50.3
Conn	Hartford	25.2	27.6	36.8	48.8	59.4	68.6	73.4	71.3	63.3	52.4	41.6	29.1	49.8
Del	Wilmington	31.2	33.2	41.8	52.4	62.2	71.2	76.0	74.8	67.9	56.3	45.6	35.5	54.0
D.C	Washington	35.2	37.5	45.8	56.7	66.0	74.5	78.9	77.6	71.1	59.3	48.7	38.9	57.5
Fla	Jacksonville	53.2	55.1	61.3	67.7	74.1	79.0	81.3	81.0	78.2	69.5	60.8	54.8	68.0
	Miami	67.1	67.8	71.7	75.3	78.5	81.0	82.4	82.8	81.8	77.9	72.8	68.5	75.6
Ga	Atlanta	41.9	44.9	52.5	61.8	69.3	75.8	78.6	78.2	73.0	62.2	52.0	44.5	61.2
Hawaii	Honolulu	72.6	72.9	74.4	75.7	77.5	79.1	80.1	81.0	80.6	79.5	76.6	74.0	77.0
Idaho	Boise	29.9	36.1	41.4	48.6	57.4	65.8	74.6	72.0	63.2	51.9	39.7	32.0	51.1
Ill	Chicago	21.4	26.0	36.0	48.8	59.1	69.6	73.0	71.9	64.7	53.5	39.8	27.7	49.2
	Peoria	21.5	26.8	37.3	51.3	61.6	71.2	75.0	73.1	65.6	53.9	39.8	27.8	50.4
Ind	Indianapolis	26.0	29.9	40.0	52.4	62.5	71.6	75.1	73.2	66.6	54.8	41.8	31.5	52.1
Iowa	Des Moines	18.6	24.5	35.1	50.5	62.1	71.6	76.3	73.9	65.1	54.2	38.6	25.7	49.7
Kans	Wichita	29.6	35.1	44.1	56.3	65.9	76.1	81.4	79.7	70.6	59.1	44.3	34.4	56.4
Ky	Louisville	32.5	35.9	45.1	56.6	65.4	73.7	77.6	76.4	69.9	57.7	46.1	37.2	56.2
La	New Orleans	52.4	54.7	61.4	68.7	74.9	80.3	82.1	81.7	78.5	69.2	60.0	54.6	68.2
Maine	Portland	21.5	23.0	32.1	42.8	52.8	62.2	68.1	66.6	58.6	48.4	38.4	25.8	45.0
Md	Baltimore	32.7	34.7	43.3	54.0	63.4	72.2	76.8	75.6	68.9	56.9	46.3	36.5	55.1
Mass	Boston	29.6	30.7	38.4	48.7	58.5	68.0	73.5	71.9	64.6	54.8	45.2	33.7	51.5
Mich	Detroit	23.4	25.8	35.0	47.4	58.1	67.7	71.9	70.5	63.3	51.9	39.5	28.5	48.6
	Sault Ste. Marie	13.3	14.3	23.9	38.1	49.7	58.4	63.5	62.9	54.8	45.3	32.8	19.7	39.7
Minn	Duluth	6.3	12.0	22.9	38.3	50.3	59.4	65.3	63.2	54.0	44.2	28.2	13.8	38.2
	Minneapolis-St. Paul	11.2	17.5	29.2	46.0	58.5	68.1	73.1	70.6	60.6	49.6	33.2	19.2	44.7
Miss	Jackson	45.7	49.1	56.3	65.1	72.5	79.2	81.9	81.2	76.4	65.0	54.9	48.6	64.6
Mo	Kansas City	25.9	32.1	41.5	54.8	64.6	73.6	78.5	76.7	68.4	57.5	43.1	31.9	54.1
	St. Louis	28.8	33.8	43.2	56.1	65.6	74.8	78.9	77.0	69.7	57.9	44.6	34.2	55.4
Mont	Great Falls	18.7	26.7	31.4	42.7	53.2	61.9	69.3	67.5	57.4	47.9	34.0	25.7	44.7
Nebr	Omaha	20.2	27.2	37.3	52.2	63.3	73.0	77.7	75.2	65.8	54.5	39.5	27.2	51.1
Nev	Reno	32.2	37.4	40.6	46.4	54.6	62.4	69.5	66.9	60.2	50.3	39.7	32.5	49.4
N.H	Concord	19.9	22.2	32.1	44.1	55.2	64.7	69.5	67.3	59.1	48.2	37.3	24.5	45.3
N.J	Atlantic City	31.8	33.2	41.0	51.0	60.5	69.2	74.4	73.0	66.6	55.5	45.6	35.8	53.1
N. Mex	Albuquerque	34.8	39.4	46.2	55.1	64.3	74.5	78.8	76.1	69.0	57.4	44.0	35.6	56.2
N.Y	Albany	21.1	23.4	33.6	46.6	57.5	66.7	71.4	69.2	61.2	50.5	39.3	26.5	47.3
	Buffalo	23.5	24.5	33.0	45.4	56.1	66.0	70.7	68.9	62.1	51.5	40.3	28.8	47.6
	New York[1]	31.8	33.4	41.4	52.4	62.5	71.4	76.7	75.4	68.3	57.7	47.2	36.2	54.5
N.C	Charlotte	40.5	42.9	50.4	60.3	68.2	75.0	78.5	77.9	72.0	60.7	50.7	42.6	60.0
	Raleigh	39.6	41.6	49.3	59.5	67.2	73.9	77.7	77.0	71.0	59.7	50.0	42.0	59.0
N. Dak	Bismarck	6.7	14.5	26.0	42.5	54.9	64.3	70.4	68.8	57.3	46.1	28.6	15.4	41.3
Ohio	Cincinnati	30.3	33.5	43.0	54.7	64.3	72.4	76.1	75.0	68.5	56.7	44.6	34.9	54.5
	Cleveland	25.5	27.4	36.6	48.1	58.2	67.6	71.6	70.4	64.1	53.2	41.8	31.1	49.6
	Columbus	27.1	29.8	40.0	51.4	61.4	70.2	73.8	72.4	65.8	53.9	42.1	32.1	51.7
Okla	Oklahoma City	35.9	40.8	49.1	60.2	68.4	77.0	82.1	81.1	73.3	62.3	48.8	39.9	59.9
Oreg	Portland	38.9	43.2	45.9	50.4	56.7	62.5	67.7	67.3	62.7	54.3	45.5	40.9	53.0
Pa	Philadelphia	31.2	33.1	41.8	52.9	62.8	71.6	76.5	75.3	68.2	56.5	45.8	35.5	54.3
	Pittsburgh	26.7	28.8	38.5	50.1	59.7	68.1	72.0	70.6	64.1	52.5	41.6	31.4	50.3
R.I	Providence	28.2	29.3	37.4	47.9	57.6	66.8	72.5	71.1	63.5	53.2	43.4	32.3	50.3
S.C	Columbia	44.7	47.1	54.5	63.8	71.5	77.7	81.0	80.2	74.8	63.4	53.9	46.7	63.3
S. Dak	Sioux Falls	12.4	19.1	30.4	46.3	58.2	68.4	74.0	71.8	61.0	49.4	33.0	19.7	45.3
Tenn	Memphis	39.6	43.5	51.7	62.6	71.0	78.7	82.1	80.6	74.2	62.9	51.3	43.3	61.8
	Nashville	37.1	40.4	49.0	59.6	68.1	75.8	79.4	78.4	72.3	60.2	48.6	40.9	59.2
Tex	Dallas-Fort Worth	44.0	48.5	56.1	65.9	73.7	82.0	86.3	85.5	78.6	67.9	55.6	47.8	66.0
	El Paso	44.2	48.4	55.1	63.6	71.9	80.8	82.5	80.3	74.1	63.6	51.4	44.4	63.4
	Houston	51.4	54.5	61.0	68.7	74.9	80.6	83.1	82.6	78.4	69.7	60.1	54.0	68.3
Utah	Salt Lake City	28.6	34.1	40.7	49.2	58.8	68.3	77.5	74.9	65.0	53.0	39.7	30.3	51.7
Vt	Burlington	16.6	18.1	29.2	42.7	55.2	64.9	69.6	67.1	58.8	47.9	36.6	22.6	44.1
Va	Norfolk	39.9	41.1	48.5	58.2	66.4	74.3	78.4	77.7	72.2	61.3	51.9	43.5	59.5
	Richmond	36.6	38.9	47.2	57.9	66.1	73.5	77.8	76.8	70.2	58.6	48.9	39.9	57.7
Wash	Seattle-Tacoma	39.1	42.8	44.2	48.7	55.0	60.2	64.8	64.1	60.0	52.5	44.8	41.0	51.4
	Spokane	25.7	32.4	37.6	45.8	54.3	61.7	69.7	68.1	59.4	47.6	34.9	29.0	47.2
W. Va	Charleston	32.9	35.6	44.8	55.3	63.9	71.0	74.5	73.7	67.6	55.9	45.3	36.9	54.8
Wis	Milwaukee	18.7	23.0	32.1	44.6	54.8	64.9	70.5	69.3	61.9	50.9	37.3	25.1	46.1
Wyo	Cheyenne	26.1	29.3	32.1	41.8	52.2	62.0	68.9	66.8	57.9	47.5	34.8	29.3	45.7
P.R	San Juan	76.5	76.6	77.5	78.8	80.3	81.7	82.0	82.2	81.9	81.4	79.6	77.7	79.7

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81, Sept. 1982.

No. 374. Normal Daily Maximum Temperature—Selected Cities

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1951 through 1980]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala.	Mobile	60.6	63.9	70.3	78.3	84.9	90.2	91.2	90.7	87.0	79.4	69.3	63.1	77.4
Alaska	Juneau	27.4	33.7	37.4	46.8	54.7	61.1	64.0	62.6	55.9	47.0	37.5	31.5	46.6
Ariz.	Phoenix	65.2	69.7	74.5	83.1	92.4	102.3	105.0	102.3	98.2	87.7	74.3	66.4	85.1
Ark.	Little Rock	49.8	54.5	63.2	73.8	81.7	89.5	92.7	92.3	85.6	75.8	62.4	53.2	72.9
Calif.	Los Angeles	64.6	65.5	65.1	66.7	69.1	72.0	75.3	76.5	76.4	74.0	70.3	66.1	70.1
	Sacramento	52.6	59.4	64.1	71.0	79.7	87.4	93.3	91.7	87.6	77.7	63.2	53.2	73.4
	San Francisco	55.5	59.0	60.6	63.0	66.3	69.6	71.0	71.8	73.4	70.0	62.7	56.3	64.9
Colo.	*Denver*	43.1	46.9	51.2	61.0	70.7	81.6	88.0	85.8	77.5	66.8	52.4	46.1	64.3
Conn.	Hartford	33.6	36.3	45.5	60.0	71.4	80.1	84.8	82.6	74.8	63.9	50.6	37.3	60.1
Del.	Wilmington	39.2	41.8	50.9	63.0	72.7	81.2	85.6	84.1	77.8	66.7	54.8	43.6	63.5
D.C.	Washington	42.9	45.9	55.0	67.1	75.9	84.0	87.9	86.4	80.1	68.9	57.4	46.6	66.5
Fla.	Jacksonville	64.6	66.8	73.3	79.7	85.2	88.9	90.7	90.2	86.9	79.7	72.4	66.3	78.7
	Miami	75.0	75.8	79.3	82.4	85.1	87.3	88.7	89.2	87.8	84.2	79.8	76.2	82.6
Ga.	Atlanta	51.2	55.3	63.2	73.2	79.8	85.6	87.9	87.6	82.3	72.9	62.6	54.1	71.3
Hawaii	Honolulu	79.9	80.4	81.4	82.7	84.8	86.2	87.1	88.3	88.2	86.7	83.9	81.4	84.2
Idaho	Boise	37.1	44.3	51.8	60.8	70.8	79.8	90.6	87.3	77.6	64.6	49.0	39.3	62.8
Ill.	Chicago	29.2	33.9	44.3	58.8	70.0	79.4	83.3	82.1	75.5	64.1	48.2	35.0	58.7
	Peoria	29.7	35.2	46.5	61.9	72.5	82.1	85.5	83.4	76.7	64.8	48.5	35.4	60.2
Ind.	Indianapolis	34.2	38.5	49.3	63.1	73.4	82.3	85.2	83.7	77.9	66.1	50.8	39.2	62.0
Iowa	Des Moines	27.0	33.2	44.2	61.0	72.6	81.8	86.2	84.0	75.7	65.0	47.6	33.7	59.3
Kans.	Wichita	39.8	46.1	55.8	68.1	77.1	87.4	92.9	91.5	82.0	71.2	55.1	44.6	67.6
Ky.	Louisville	40.8	45.0	54.9	67.5	76.2	84.0	87.6	86.7	80.6	69.2	55.5	45.4	66.1
La.	New Orleans	61.8	64.6	71.2	78.6	84.5	89.5	90.7	90.2	86.8	79.4	70.1	64.4	77.7
Maine	Portland	31.0	33.1	40.5	52.5	63.4	72.8	78.9	77.5	69.6	59.0	47.1	34.9	55.0
Md.	Baltimore	41.0	43.7	53.1	65.1	74.2	82.9	87.1	85.5	79.1	67.7	55.9	45.1	65.0
Mass.	Boston	36.4	37.7	45.0	56.6	67.0	76.6	81.8	79.8	72.3	62.5	51.6	40.3	59.0
Mich.	Detroit	30.6	33.5	43.4	57.7	69.4	79.0	83.1	81.5	74.4	62.5	47.6	35.4	58.2
	Sault Ste. Marie	21.2	23.1	32.2	47.1	61.0	70.1	75.1	73.4	64.2	53.6	39.0	26.6	48.9
Minn.	Duluth	15.5	21.7	31.9	47.6	61.3	70.5	76.4	73.6	63.6	53.0	35.2	21.8	47.7
	Minneapolis-St. Paul	19.9	26.4	37.5	56.0	69.4	78.5	83.4	80.9	71.0	59.7	41.1	26.7	54.2
Miss.	*Jackson*	56.5	60.9	68.4	77.3	84.1	90.5	92.5	92.1	87.6	78.6	67.5	60.0	76.3
Mo.	Kansas City	34.5	41.1	51.3	65.1	74.6	83.3	88.5	86.8	78.6	67.9	52.1	40.1	63.7
	St. Louis	37.6	43.1	53.4	67.1	76.4	85.2	89.0	87.4	80.7	69.1	54.0	42.6	65.5
Mont.	Great Falls	28.2	36.5	41.7	54.0	65.3	74.3	84.2	82.0	70.5	59.5	43.5	34.7	56.2
Nebr.	Omaha	30.2	37.3	47.7	64.0	74.7	84.2	88.5	86.2	77.5	67.0	50.3	36.9	62.0
Nev.	Reno	44.8	51.1	55.8	63.3	72.3	81.8	91.3	88.7	81.4	70.0	55.6	46.2	66.9
N.H.	Concord	30.8	33.2	41.9	56.5	68.9	77.7	82.6	80.1	71.9	61.0	47.2	34.4	57.2
N.J.	Atlantic City	40.6	42.4	50.3	61.6	71.0	79.6	84.0	82.5	76.7	66.1	55.4	45.0	62.9
N. Mex.	Albuquerque	47.2	52.9	60.7	70.6	79.9	90.6	92.8	89.4	83.0	71.7	57.2	48.0	70.3
N.Y.	Albany	30.2	32.7	42.5	57.6	69.5	78.3	83.2	80.7	72.8	61.5	47.8	34.6	57.6
	Buffalo	30.0	31.4	40.4	54.4	65.9	75.6	80.2	78.2	71.4	60.2	47.0	35.0	55.8
	New York [1]	38.0	40.1	48.6	61.1	71.5	80.1	85.3	83.7	76.4	65.6	53.6	42.1	62.2
N.C.	Charlotte	50.3	53.6	61.6	72.1	79.1	85.2	88.3	87.6	81.7	71.7	61.7	52.6	70.5
	Raleigh	50.1	52.8	61.0	72.3	79.0	85.2	88.2	87.1	81.6	71.6	61.8	52.7	70.3
N. Dak.	Bismarck	17.5	25.2	36.4	54.2	67.7	76.8	84.4	83.3	71.4	59.3	39.4	25.9	53.5
Ohio	Cincinnati	38.0	42.0	52.3	65.2	75.0	82.9	86.3	85.7	79.4	67.4	52.8	42.2	64.1
	Cleveland	32.5	34.8	44.8	57.9	68.5	78.0	81.7	80.3	74.2	62.7	49.3	37.5	58.5
	Columbus	34.7	38.1	49.3	62.3	72.6	81.3	84.4	83.0	76.9	65.0	50.7	39.4	61.5
Okla.	Oklahoma City	46.6	52.2	61.0	71.7	79.0	87.6	93.5	92.8	84.7	74.3	59.9	50.7	71.2
Oreg.	Portland	44.3	50.4	54.5	60.2	66.9	72.7	79.5	78.6	74.2	63.9	52.3	46.4	62.0
Pa.	Philadelphia	38.6	41.1	50.5	63.2	73.0	81.7	86.1	84.6	77.8	66.5	54.5	43.0	63.4
	Pittsburgh	34.1	36.8	47.6	60.7	70.8	79.1	82.7	81.1	74.8	62.9	49.8	38.4	59.9
R.I.	*Providence*	36.4	37.7	45.5	57.5	67.6	76.6	81.7	80.3	73.1	63.2	51.9	40.5	59.3
S.C.	Columbia	56.2	59.5	67.1	77.0	83.8	89.2	91.9	91.0	85.5	76.5	67.1	58.8	75.3
S. Dak.	Sioux Falls	22.9	29.3	40.1	58.1	70.5	80.3	86.2	83.9	73.5	62.1	43.7	29.3	56.7
Tenn.	Memphis	48.3	53.0	61.4	72.9	81.0	88.4	91.5	90.3	84.3	74.5	61.4	52.3	71.6
	Nashville	46.3	50.7	59.6	71.2	79.2	86.7	89.8	89.0	83.2	72.3	59.2	50.4	69.8
Tex.	Dallas-Fort Worth	54.0	59.1	67.2	76.8	84.4	93.2	97.8	97.3	89.7	79.5	66.2	58.1	76.9
	El Paso	57.9	62.7	69.6	78.7	87.1	95.9	95.3	93.0	87.5	78.5	65.7	58.2	77.5
	Houston	61.9	65.7	72.1	79.0	85.1	90.9	93.6	93.1	88.7	81.9	71.6	65.2	79.1
Utah	Salt Lake City	37.4	43.7	51.5	61.1	72.4	83.3	93.2	90.0	80.0	66.7	50.2	38.9	64.0
Vt.	Burlington	25.4	27.3	37.7	52.6	66.4	75.9	80.5	77.6	68.8	57.0	43.6	30.3	53.6
Va.	Norfolk	48.1	49.9	57.5	68.2	75.7	83.2	86.9	85.7	80.2	69.8	60.8	51.9	68.2
	Richmond	46.7	49.6	58.5	70.6	77.9	84.8	88.4	87.1	81.0	70.5	60.5	50.2	68.8
Wash.	Seattle-Tacoma	43.9	48.8	51.1	56.8	64.0	69.2	75.2	73.9	68.7	59.5	50.3	45.6	58.9
	Spokane	31.3	39.0	46.2	56.7	66.1	74.0	84.0	81.7	72.4	58.3	41.4	34.2	57.1
W. Va.	Charleston	41.8	45.4	55.4	67.3	76.0	82.5	85.2	84.2	78.7	67.7	55.6	45.9	65.5
Wis.	Milwaukee	26.0	30.1	39.2	53.5	64.8	75.0	79.8	78.4	71.2	59.9	44.7	32.0	54.8
Wyo.	Cheyenne	37.3	40.7	43.6	54.0	64.6	75.4	83.1	80.8	72.1	61.0	46.5	40.4	58.3
P.R.	San Juan	82.7	83.2	84.2	85.2	86.7	88.0	87.9	88.2	88.2	87.9	85.7	83.6	86.0

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81, Sept. 1982.

NO. 375. NORMAL DAILY MINIMUM TEMPERATURE—SELECTED CITIES

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1951 through 1980]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala	Mobile	40.9	43.2	49.8	57.7	64.8	70.8	73.2	72.9	69.3	57.5	47.9	42.9	57.6
Alaska	Juneau	16.1	21.9	25.0	31.3	38.1	44.2	47.4	46.6	42.3	36.5	28.0	22.1	33.3
Ariz	Phoenix	39.4	42.5	46.7	53.0	61.5	70.6	79.5	77.5	70.9	59.1	46.9	40.2	57.3
Ark	Little Rock	29.9	33.6	41.2	50.9	59.2	67.5	71.4	69.6	63.0	50.4	40.0	33.2	50.8
Calif	Los Angeles	47.3	48.6	49.7	52.2	55.7	59.1	62.6	64.0	62.5	58.5	52.1	47.8	55.0
	Sacramento	37.9	41.2	42.4	45.3	50.1	55.1	57.9	57.6	55.8	50.0	42.8	37.9	47.8
	San Francisco	41.5	44.1	44.9	46.6	49.3	52.0	53.3	54.2	54.3	51.2	46.3	42.2	48.3
Colo	Denver	15.9	20.2	24.7	33.7	43.6	52.4	58.7	57.0	47.7	36.9	25.1	18.9	36.2
Conn	Hartford	16.7	18.8	28.0	37.6	47.3	57.0	61.9	60.0	51.7	40.9	32.5	20.9	39.5
Del	Wilmington	23.2	24.6	32.6	41.8	51.7	61.2	66.3	65.4	58.0	45.9	36.4	27.3	44.5
D.C.	Washington	27.5	29.0	36.6	46.2	56.1	65.0	69.9	68.7	62.0	49.7	39.9	31.2	48.5
Fla	Jacksonville	41.7	43.3	49.3	55.7	63.0	69.1	71.8	71.8	69.4	59.2	49.2	43.2	57.2
	Miami	59.2	59.7	64.1	68.2	71.9	74.6	76.2	76.5	75.7	71.6	65.8	60.8	68.7
Ga	Atlanta	32.6	34.5	41.7	50.4	58.7	65.9	69.2	68.7	63.6	51.4	41.3	34.8	51.1
Hawaii	Honolulu	65.3	65.3	67.3	68.7	70.2	71.9	73.1	73.6	72.9	72.2	69.2	66.5	69.7
Idaho	Boise	22.6	27.9	30.9	36.4	44.0	51.8	58.5	56.7	48.7	39.1	30.5	24.6	39.3
Ill	Chicago	13.6	18.1	27.6	38.8	48.1	57.7	62.7	61.7	53.9	42.9	31.4	20.3	39.7
	Peoria	13.3	18.4	28.1	40.6	50.6	60.2	64.6	62.7	54.5	42.9	30.9	20.2	40.6
Ind	Indianapolis	17.8	21.1	30.7	41.7	51.5	60.9	64.9	62.7	55.3	43.4	32.8	23.7	42.2
Iowa	Des Moines	10.1	15.8	26.0	39.9	51.6	61.4	66.3	63.7	54.4	43.3	29.5	17.6	40.0
Kans	Wichita	19.4	24.1	32.4	44.5	54.6	64.7	69.8	67.9	59.2	46.9	33.5	24.2	45.1
Ky	Louisville	24.1	26.8	35.2	45.6	54.6	63.3	67.5	66.1	59.1	46.2	36.6	28.9	46.2
La	New Orleans	43.0	44.8	51.6	58.8	65.3	70.9	73.5	73.1	70.1	59.0	49.9	44.8	58.7
Maine	Portland	11.9	12.9	23.7	33.0	42.1	51.4	57.3	55.8	47.7	37.9	29.6	16.7	35.0
Md	Baltimore	24.3	25.7	33.4	42.9	52.5	61.5	66.5	65.7	58.6	46.1	36.6	27.9	45.1
Mass	Boston	22.8	23.7	31.8	40.8	50.0	59.3	65.1	63.9	56.9	47.1	38.7	27.1	43.9
Mich	Detroit	16.1	18.0	26.5	36.9	46.7	56.3	60.7	59.4	52.2	41.2	31.4	21.6	38.9
	Sault Ste. Marie	5.4	5.3	15.4	29.0	38.3	46.7	51.9	52.4	45.3	36.9	26.4	12.7	30.5
Minn	Duluth	−2.9	2.2	13.9	28.9	39.3	48.2	54.3	52.8	44.3	35.4	21.2	5.8	26.6
	Minneapolis-St. Paul	2.4	8.5	20.8	36.0	47.6	57.7	62.7	60.3	50.2	39.4	25.3	11.7	35.2
Miss	Jackson	34.9	37.2	44.2	52.9	60.8	67.9	71.3	70.2	65.1	51.4	42.3	37.1	52.9
Mo	Kansas City	17.2	23.0	31.7	44.4	54.6	63.8	68.5	66.5	58.1	47.0	34.0	23.7	44.4
	St. Louis	19.9	24.5	33.0	45.1	54.7	64.3	68.8	66.6	58.6	46.7	35.1	25.7	45.3
Mont	Great Falls	9.2	16.8	21.1	31.3	41.1	49.4	54.4	53.0	44.2	36.2	24.5	16.6	33.2
Nebr	Omaha	10.2	17.1	26.9	40.3	51.8	61.7	66.8	64.2	54.0	42.0	28.6	17.4	40.1
Nev	Reno	19.5	23.5	25.4	29.4	36.9	43.0	47.7	45.2	38.9	30.5	23.8	18.9	31.9
N.H	Concord	9.0	11.0	22.2	31.6	41.4	51.6	56.4	54.5	46.2	35.5	27.3	14.5	33.4
N.J	Atlantic City	22.9	23.9	31.6	40.4	49.9	58.8	64.8	63.5	56.4	44.8	35.8	26.6	43.3
N. Mex	Albuquerque	22.3	25.9	31.7	39.5	48.6	58.4	64.7	62.8	54.9	43.1	30.7	23.2	42.1
N.Y	Albany	11.9	14.0	24.6	35.5	45.4	55.0	59.6	57.6	49.6	39.4	30.8	18.2	36.8
	Buffalo	17.0	17.5	25.6	36.3	46.3	56.4	61.2	59.6	52.7	42.7	33.6	22.5	39.3
	New York [1]	25.6	26.6	34.1	43.8	53.3	62.7	68.2	67.1	60.1	49.9	40.8	30.3	46.9
N.C.	Charlotte	30.7	32.1	39.1	48.4	57.2	64.7	68.7	68.2	62.3	49.6	39.7	32.6	49.4
	Raleigh	29.1	30.3	37.7	46.5	55.3	62.6	67.1	66.8	60.4	47.7	38.1	31.2	47.7
N. Dak	Bismarck	−4.2	3.7	15.6	30.8	42.0	51.8	56.4	54.2	43.2	32.8	17.7	4.8	29.1
Ohio	Cincinnati	22.5	25.0	33.7	44.2	53.6	61.9	65.9	64.4	57.7	46.0	36.3	27.5	44.9
	Cleveland	18.5	19.9	28.4	38.3	47.9	57.2	61.4	60.5	54.0	43.6	34.3	24.6	40.7
	Columbus	19.4	21.5	30.6	40.5	50.2	59.0	63.2	61.7	54.6	42.8	33.5	24.7	41.8
Okla	Oklahoma City	25.2	29.4	37.1	48.6	57.7	66.3	70.6	69.4	61.9	50.2	37.6	29.1	48.6
Oreg	Portland	33.5	36.0	37.4	40.6	46.4	52.2	55.8	55.8	51.1	44.6	38.6	35.4	44.0
Pa	Philadelphia	23.8	25.0	33.1	42.6	52.5	61.5	66.8	66.0	58.6	46.5	37.1	28.0	45.1
	Pittsburgh	19.2	20.7	29.4	39.4	48.5	57.1	61.3	60.1	53.3	42.1	33.3	24.3	40.7
R.I	Providence	20.0	20.9	29.2	38.3	47.6	57.0	63.3	61.9	53.8	43.1	34.8	24.1	41.2
S.C.	Columbia	33.2	34.6	41.9	50.5	59.1	66.1	70.1	69.4	63.9	50.2	40.6	34.7	51.2
S. Dak	Sioux Falls	1.9	8.9	20.6	34.6	45.7	56.3	61.8	59.7	48.5	36.7	22.3	10.1	33.9
Tenn	Memphis	30.9	34.1	41.9	52.2	60.9	68.9	72.6	70.8	64.1	51.3	41.1	34.3	51.9
	Nashville	27.8	30.1	38.3	48.1	56.9	64.8	69.0	67.8	61.3	48.0	38.0	31.3	48.5
Tex	Dallas-Fort Worth	33.9	37.8	44.9	55.0	62.9	70.8	74.7	73.7	67.5	56.3	44.9	37.4	55.0
	El Paso	30.4	34.1	40.5	48.5	56.6	65.7	69.6	67.5	60.6	48.7	37.0	30.6	49.2
	Houston	40.6	43.2	49.8	58.3	64.7	70.2	72.5	72.1	68.1	57.5	48.6	42.7	57.4
Utah	Salt Lake City	19.7	24.4	29.9	37.2	45.2	53.3	61.8	59.7	50.0	39.3	29.2	21.6	39.3
Vt	Burlington	7.7	8.8	20.8	32.7	44.0	54.0	58.6	56.6	48.7	38.7	29.6	14.9	34.6
Va	Norfolk	31.7	32.3	39.4	48.1	57.2	65.3	69.9	69.6	64.2	52.8	43.0	35.0	50.7
	Richmond	26.5	28.1	35.8	45.1	54.2	62.2	67.2	66.4	59.3	46.7	37.3	29.6	46.5
Wash	Seattle-Tacoma	34.3	36.8	37.2	40.5	46.0	51.1	54.3	54.3	51.2	45.3	39.3	36.3	43.9
	Spokane	20.0	25.7	29.0	34.9	42.5	49.3	55.3	54.3	46.5	36.7	28.5	23.7	37.2
W. Va	Charleston	23.9	25.8	34.1	43.3	51.8	59.4	63.8	63.1	56.4	44.0	35.0	27.8	44.0
Wis	Milwaukee	11.3	15.8	24.9	35.6	44.7	54.7	61.1	60.2	52.5	41.9	29.9	18.2	37.6
Wyo	Cheyenne	14.8	17.9	20.6	29.6	39.7	48.5	54.6	52.8	43.7	34.0	23.1	18.2	33.1
P.R	San Juan	70.3	70.0	70.8	72.3	73.9	75.3	76.1	76.1	75.5	74.9	73.4	71.8	73.4

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81, Sept. 1982.

No. 376. Highest Temperature of Record—Selected Cities

[In **Fahrenheit degrees.** Airport data unless otherwise noted. For period of record through 1981]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala	Mobile	40	84	82	90	92	100	102	104	102	99	93	87	81	104
Alaska	Juneau	38	57	55	59	71	82	86	90	83	72	61	56	54	90
Ariz	Phoenix	44	88	89	95	104	113	117	118	116	118	107	93	88	118
Ark	Little Rock	40	83	84	91	92	98	104	109	108	106	97	86	80	109
Calif	Los Angeles	46	88	92	93	95	97	104	97	98	110	106	101	94	110
	Sacramento	31	70	76	86	92	104	115	114	108	100	101	87	72	115
	San Francisco	54	72	78	85	92	96	106	104	98	103	97	85	75	106
Colo	Denver	47	72	76	84	85	96	104	104	101	97	88	79	75	104
Conn	Hartford	27	65	70	87	96	97	100	102	101	96	91	81	66	102
Del	Wilmington	34	75	74	86	91	95	99	102	101	100	91	85	72	102
D.C	Washington	40	79	82	89	95	97	101	103	100	101	94	86	75	103
Fla	Jacksonville	40	85	88	91	95	100	103	105	102	100	96	88	84	105
	Miami	39	87	89	92	96	94	98	98	98	95	95	89	87	98
Ga	Atlanta	33	79	79	85	91	95	101	105	102	98	95	84	77	105
Hawaii	Honolulu	12	87	87	88	89	90	90	91	92	92	93	89	89	93
Idaho	Boise	42	63	69	81	92	98	109	111	110	102	91	73	65	111
Ill	Chicago	23	61	71	87	91	93	97	102	96	99	91	78	67	102
	Peoria	42	68	72	82	89	92	100	103	101	100	90	81	71	103
Ind	Indianapolis	42	71	74	85	89	93	102	104	100	100	90	81	70	104
Iowa	Des Moines	42	62	73	84	93	98	101	105	102	101	95	76	69	105
Kans	Wichita	29	75	84	89	96	100	110	113	110	105	95	85	83	113
Ky	Louisville	34	77	77	86	91	95	102	105	101	104	92	84	73	105
La	New Orleans	35	83	85	87	91	96	100	101	102	101	92	86	84	102
Maine	Portland	41	64	64	86	85	92	97	99	103	95	88	74	64	103
Md	Baltimore	31	75	76	87	94	98	100	102	102	99	92	83	74	102
Mass	Boston	30	63	68	81	94	95	100	102	102	100	90	77	70	102
Mich	Detroit	46	67	68	82	88	93	104	105	101	100	92	81	66	105
	Sault Ste. Marie	41	45	45	75	83	89	92	97	98	95	80	66	59	98
Minn	Duluth	40	52	55	78	88	90	93	97	97	95	86	70	55	97
	Minneapolis-St. Paul	43	58	60	83	95	96	100	104	102	98	89	75	63	104
Miss	Jackson	18	82	84	88	92	99	103	106	102	104	92	88	84	106
Mo	Kansas City	9	68	76	82	90	91	105	107	104	98	92	82	70	107
	St. Louis	24	76	85	88	92	92	98	107	105	100	94	82	76	107
Mont	Great Falls	44	62	67	78	89	93	99	105	106	98	91	76	69	106
Nebr	Omaha	45	69	78	89	93	99	105	114	110	104	96	80	72	114
Nev	Reno	40	70	74	83	89	95	101	104	103	101	91	77	70	104
N.H	Concord	40	68	66	85	95	97	98	102	101	98	90	80	67	102
N.J	Atlantic City	38	78	73	87	94	99	106	104	102	97	90	84	72	106
N. Mex	Albuquerque	42	69	75	85	89	95	105	105	101	100	91	77	72	105
N.Y	Albany	35	62	67	85	92	94	99	100	99	100	89	82	65	100
	Buffalo	38	72	65	81	87	90	95	94	99	98	87	80	66	99
	New York[1]	113	72	75	86	95	99	101	105	104	102	94	84	70	106
N.C	Charlotte	42	78	81	90	93	100	103	103	102	104	98	85	77	104
	Raleigh	37	79	84	92	95	97	104	105	101	104	98	88	79	105
N. Dak	Bismarck	42	62	68	81	93	98	100	109	109	105	95	75	65	109
Ohio	Cincinnati	20	69	73	83	89	93	97	100	102	98	88	80	70	102
	Cleveland	40	73	69	83	88	92	101	103	102	101	90	82	69	103
	Columbus	42	74	73	85	89	94	102	100	100	100	90	80	72	102
Okla	Oklahoma City	28	79	84	93	100	96	105	108	110	102	96	87	86	110
Oreg	Portland	41	62	70	80	87	92	100	107	107	101	90	73	64	107
Pa	Philadelphia	40	74	74	87	94	96	100	104	101	100	96	81	72	104
	Pittsburgh	29	68	69	80	87	91	96	99	97	97	87	82	72	99
R.I	Providence	28	66	72	78	98	94	96	100	104	97	86	78	69	104
S.C	Columbia	34	84	84	91	94	101	107	107	106	101	101	90	83	107
S. Dak	Sioux Falls	36	66	70	87	94	100	101	108	108	104	94	76	61	108
Tenn	Memphis	40	78	81	85	91	99	104	108	105	103	95	85	79	108
	Nashville	42	78	84	86	90	97	106	107	104	105	94	84	76	107
Tex	Dallas-Fort Worth	28	88	88	96	95	99	113	110	108	105	102	89	88	113
	El Paso	42	80	83	88	98	104	111	112	108	103	96	84	80	112
	Houston	12	84	84	90	92	95	103	104	107	100	94	89	83	107
Utah	Salt Lake City	53	61	69	78	85	93	104	107	104	100	89	75	67	107
Vt	Burlington	38	63	62	84	91	93	96	99	101	94	85	75	62	101
Va	Norfolk	33	78	81	85	97	97	101	103	104	98	95	86	80	104
	Richmond	52	80	83	93	96	100	104	105	102	103	99	86	80	105
Wash	Seattle	37	64	70	72	85	93	96	98	99	94	82	74	63	99
	Spokane	34	59	61	71	90	92	100	103	108	96	86	67	56	108
W. Va	Charleston	34	79	78	87	91	93	98	102	100	102	92	85	80	102
Wis	Milwaukee	41	62	65	81	91	92	99	101	100	98	89	77	63	101
Wyo	Cheyenne	46	65	71	73	82	90	100	100	96	93	83	73	69	100
P.R	San Juan	27	91	92	94	94	96	96	95	97	97	98	96	91	98

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 377. Lowest Temperature of Record—Selected Cities

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1981]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	40	7	11	21	36	43	56	60	59	42	32	22	10	7
Alaska	Juneau	38	−22	−22	−15	6	25	31	36	27	23	12	−5	−21	−22
Ariz.	Phoenix	44	17	22	25	32	40	50	61	60	47	34	25	22	17
Ark.	Little Rock	40	−4	−5	11	28	40	46	54	52	37	30	17	−1	−5
Calif.	Los Angeles	46	23	32	34	39	43	48	49	51	47	41	34	32	23
	Sacramento	31	23	26	26	32	36	41	49	49	43	36	26	20	20
	San Francisco	54	24	25	30	31	36	41	43	42	38	34	25	20	20
Colo.	Denver	47	−25	−30	−11	−2	22	30	43	41	20	3	−8	−18	−30
Conn.	Hartford	27	−26	−21	−6	9	28	37	44	36	30	17	12	−14	−26
Del.	Wilmington	34	−4	−6	6	22	30	41	50	46	36	24	14	2	−6
D.C.	Washington	40	2	4	11	24	34	47	55	51	39	29	16	1	1
Fla.	Jacksonville	40	13	19	23	35	45	55	61	64	48	36	21	12	12
	Miami	39	31	32	32	46	53	65	69	68	69	51	39	34	31
Ga.	Atlanta	33	−3	5	10	26	37	46	53	56	36	28	3	1	−3
Hawaii	Honolulu	12	53	53	55	59	62	65	67	67	66	64	58	54	53
Idaho	Boise	42	−17	−12	6	19	26	33	40	37	23	11	−3	−23	−23
Ill.	Chicago	23	−20	−17	−8	13	24	36	40	41	28	17	1	−17	−20
	Peoria	42	−25	−18	−10	17	25	39	47	43	26	19	−2	−18	−25
Ind.	Indianapolis	42	−20	−19	−7	16	28	39	44	41	28	17	−2	−15	−20
Iowa	Des Moines	42	−24	−20	−22	9	30	38	47	40	26	14	−3	−16	−24
Kans.	Wichita	29	−12	−7	−2	15	31	43	51	48	35	21	1	−5	−12
Ky.	Louisville	34	−20	−19	−1	24	31	42	50	49	33	23	−1	−9	−20
La.	New Orleans	35	14	19	25	32	41	55	60	60	42	35	24	17	14
Maine	Portland	41	−26	−39	−21	8	23	33	40	33	23	15	5	−21	−39
Md.	Baltimore	31	−7	−3	6	20	32	40	51	48	35	25	13	0	−7
Mass.	Boston	30	−12	−4	6	17	34	46	54	47	38	28	17	−7	−12
Mich.	Detroit	46	−13	−16	−1	14	30	38	42	43	32	24	5	−5	−16
	Sault Ste. Marie	41	−32	−35	−24	1	18	28	36	32	25	16	−10	−25	−35
Minn.	Duluth	40	−39	−32	−28	−5	17	27	36	33	22	8	−23	−33	−39
	Minneapolis-St. Paul	43	−34	−28	−32	2	18	34	43	39	26	15	−17	−24	−34
Miss.	Jackson	18	6	11	15	30	38	49	51	55	35	30	17	14	6
Mo.	Kansas City	9	−13	−13	−10	12	30	49	52	50	38	21	1	−13	−13
	St. Louis	24	−14	−10	−5	22	31	43	51	47	36	23	1	−10	−14
Mont.	Great Falls	44	−37	−35	−29	−6	15	31	40	35	23	−3	−23	−43	−43
Nebr.	Omaha	45	−22	−21	−16	5	27	39	44	43	30	13	−9	−17	−22
Nev.	Reno	40	−16	−12	−2	13	18	25	33	24	20	8	1	−16	−16
N.H.	Concord	40	−30	−37	−16	8	21	30	35	29	21	10	−1	−22	−37
N.J.	Atlantic City	38	−10	−11	5	12	25	37	46	40	32	23	11	−7	−11
N. Mex.	Albuquerque	42	−17	−5	8	19	28	40	54	52	37	25	−7	3	−17
N.Y.	Albany	35	−28	−21	−21	10	26	36	40	37	24	16	5	−22	−28
	Buffalo	38	−12	−20	−5	12	26	35	43	38	32	20	9	−10	−20
	New York [1]	113	−6	−15	3	12	32	44	52	50	39	28	5	−13	−15
N.C.	Charlotte	42	−3	5	4	24	32	45	53	53	39	24	11	2	−3
	Raleigh	37	−1	5	11	23	31	38	48	46	39	19	11	4	−1
N. Dak.	Bismarck	42	−44	−37	−31	−12	15	30	35	33	11	5	−29	−43	−44
Ohio	Cincinnati	20	−25	−10	−11	17	27	39	47	43	33	16	1	−11	−25
	Cleveland	40	−19	−15	−5	10	25	31	41	41	32	22	3	−11	−19
	Columbus	42	−19	−13	−2	18	25	35	43	39	31	20	5	−10	−19
Okla.	Oklahoma City	28	−4	−3	3	20	37	47	53	51	37	22	11	1	−4
Oreg.	Portland	41	−2	−3	19	29	29	39	43	44	34	26	13	6	−3
Pa.	Philadelphia	40	−5	−4	7	24	28	44	51	45	35	25	15	1	−5
	Pittsburgh	29	−18	−12	−1	15	26	34	42	40	31	16	−1	−7	−18
R.I.	Providence	28	−13	−7	1	14	29	41	49	40	33	20	14	−10	−13
S.C.	Columbia	34	5	5	4	28	34	45	54	53	40	23	12	4	4
S. Dak.	Sioux Falls	36	−36	−31	−23	5	17	33	38	34	22	9	−17	−26	−36
Tenn.	Memphis	40	−4	−11	12	29	38	48	52	48	36	25	9	−13	−13
	Nashville	42	−15	−13	2	24	34	42	51	47	36	26	−1	−7	−15
Tex.	Dallas-Ft. Worth	28	4	9	15	30	41	51	59	56	45	29	20	10	4
	El Paso	42	−8	8	14	24	31	48	57	56	41	25	1	5	−8
	Houston	12	17	20	22	31	44	52	62	62	48	33	19	20	17
Utah	Salt Lake City	53	−22	−30	2	14	25	35	40	37	27	16	−14	−21	−30
Vt.	Burlington	38	−30	−30	−20	2	24	33	39	35	25	15	−2	−26	−30
Va.	Norfolk	33	5	8	18	28	36	45	54	52	45	27	20	14	5
	Richmond	52	−12	−10	11	25	31	40	51	46	35	21	10	−1	−12
Wash.	Seattle	37	0	1	11	29	28	38	43	44	35	28	6	6	0
	Spokane	34	−22	−17	−3	17	24	34	37	35	25	13	−11	−25	−25
W. Va.	Charleston	34	−12	−6	0	19	26	33	46	41	34	17	6	−2	−12
Wis.	Milwaukee	41	−24	−19	−10	13	21	33	40	44	28	18	−5	−15	−24
Wyo.	Cheyenne	46	−27	−34	−21	−8	16	25	38	36	18	2	−13	−24	−34
P.R.	San Juan	27	61	62	60	64	66	69	69	70	69	67	66	63	60

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data,* annual.

NO. 378. NORMAL MONTHLY AND ANNUAL PRECIPITATION—SELECTED CITIES

[In inches. Airport data except as noted. Based on standard 30-year period, 1951 through 1980. See *Historical Statistics, Colonial Times to 1970*, series J 164-267, for related data]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	4.59	4.91	6.48	5.35	5.46	5.07	7.74	6.75	6.56	2.62	3.67	5.44	64.64
Alaska	Juneau	3.69	3.74	3.34	2.92	3.41	2.98	4.13	5.02	6.40	7.71	5.15	4.66	53.15
Ariz.	Phoenix	.73	.59	.81	.27	.14	.17	.74	1.02	.64	.63	.54	.83	7.11
Ark.	Little Rock	3.91	3.83	4.69	5.41	5.29	3.67	3.63	3.07	4.26	2.84	4.37	4.23	49.20
Calif.	Los Angeles	3.06	2.49	1.76	.93	.14	.04	.01	.10	.15	.26	1.52	1.62	12.08
	Sacramento	4.03	2.88	2.06	1.31	.33	.11	.05	.07	.27	.86	2.23	2.90	17.10
	San Francisco	4.65	3.23	2.64	1.53	.32	.11	.03	.05	.19	1.06	2.35	3.55	19.71
Colo.	Denver	.51	.69	1.21	1.81	2.47	1.58	1.93	1.53	1.23	.98	.82	.55	15.31
Conn.	Hartford	3.53	3.19	4.15	4.02	3.37	3.38	3.09	4.00	3.94	3.51	4.05	4.16	44.39
Del.	Wilmington	3.11	2.99	3.87	3.39	3.23	3.51	3.90	4.03	3.59	2.89	3.33	3.54	41.36
D.C.	Washington	2.76	2.62	3.46	2.93	3.48	3.35	3.88	4.40	3.22	2.90	2.82	3.18	39.00
Fla.	Jacksonville	3.07	3.48	3.72	3.32	4.91	5.37	6.54	7.15	7.26	3.41	1.94	2.59	52.77
	Miami	2.08	2.05	1.89	3.07	6.53	9.15	5.98	7.02	8.07	7.14	2.71	1.86	57.55
Ga.	Atlanta	4.91	4.43	5.91	4.43	4.02	3.41	4.73	3.41	3.17	2.53	3.43	4.23	48.61
Hawaii	Honolulu	3.79	2.72	3.48	1.49	1.21	.49	.54	.60	.62	1.88	3.22	3.43	23.47
Idaho	Boise	1.64	1.07	1.03	1.19	1.21	.95	.26	.40	.58	.75	1.29	1.34	11.71
Ill.	Chicago	1.60	1.31	2.59	3.66	3.15	4.08	3.63	3.53	3.35	2.28	2.06	2.10	33.34
	Peoria	1.60	1.41	2.86	3.81	3.84	3.88	3.99	3.39	3.63	2.51	1.96	2.01	34.89
Ind.	Indianapolis	2.65	2.46	3.61	3.68	3.66	3.99	4.32	3.46	2.74	2.51	3.04	3.00	39.12
Iowa	Des Moines	1.01	1.12	2.20	3.21	3.96	4.18	3.22	4.11	3.09	2.16	1.52	1.05	30.83
Kans.	Wichita	.68	.85	2.01	2.30	3.91	4.06	3.62	2.80	3.45	2.47	1.47	.99	28.61
Ky.	Louisville	3.38	3.23	4.73	4.11	4.15	3.60	4.10	3.31	3.35	2.63	3.49	3.48	43.56
La.	New Orleans	4.97	5.23	4.73	4.50	5.07	4.63	6.73	6.02	5.87	2.66	4.06	5.27	59.74
Maine	Portland	3.78	3.57	3.98	3.90	3.27	3.06	2.83	2.82	3.27	3.83	4.70	4.51	43.52
Md.	Baltimore	3.00	2.98	3.72	3.35	3.44	3.76	3.89	4.62	3.46	3.11	3.11	3.40	41.84
Mass.	Boston	3.99	3.70	4.13	3.73	3.52	2.92	2.68	3.68	3.41	3.36	4.21	4.48	43.81
Mich.	Detroit	1.86	1.69	2.54	3.15	2.77	3.43	3.10	3.21	2.25	2.12	2.33	2.52	30.97
	Sault Ste. Marie	2.20	1.69	2.03	2.38	2.90	3.26	3.00	3.46	3.90	2.89	3.20	2.57	33.48
Minn.	Duluth	1.20	.90	1.78	2.16	3.15	3.96	3.96	4.12	3.26	2.21	1.69	1.29	29.68
	Minneapolis-St. Paul	.82	.85	1.71	2.05	3.20	4.07	3.51	3.64	2.50	1.85	1.29	.87	26.36
Miss.	Jackson	5.00	4.48	5.86	5.85	4.83	2.94	4.40	3.71	3.55	2.62	4.18	5.40	52.82
Mo.	Kansas City	1.08	1.19	2.41	3.23	4.42	4.66	4.35	3.57	4.14	3.10	1.63	1.38	35.17
	St. Louis	1.72	2.14	3.28	3.55	3.54	3.73	3.63	2.55	2.70	2.32	2.53	2.22	33.91
Mont.	Great Falls	1.00	.75	.93	1.49	2.52	2.75	1.10	1.31	1.03	.82	.74	.80	15.24
Nebr.	Omaha	.77	.91	1.91	2.94	4.33	4.08	3.62	4.10	3.50	2.09	1.32	.77	30.34
Nev.	Reno	1.24	.95	.74	.46	.74	.34	.30	.27	.30	.34	.60	1.21	7.49
N.H.	Concord	2.78	2.47	2.93	3.01	2.93	2.91	2.93	3.26	3.12	3.10	3.66	3.43	36.53
N.J.	Atlantic City	3.47	3.34	4.04	3.20	3.07	2.78	4.02	4.72	2.89	3.06	3.73	3.61	41.93
N. Mex.	Albuquerque	.41	.40	.52	.40	.46	.51	1.30	1.51	.85	.86	.38	.52	8.12
N.Y.	Albany	2.39	2.26	3.01	2.94	3.31	3.29	3.00	3.34	3.23	2.93	3.04	3.00	35.74
	Buffalo	3.02	2.40	2.97	3.06	2.89	2.72	2.96	4.16	3.37	2.93	3.62	3.42	37.52
	New York [1]	3.21	3.13	4.22	3.75	3.76	3.23	3.77	4.03	3.66	3.41	4.14	3.81	44.12
N.C.	Charlotte	3.80	3.81	4.83	3.27	3.64	3.57	3.92	3.75	3.59	2.72	2.86	3.40	43.16
	Raleigh	3.55	3.43	3.69	2.91	3.67	3.66	4.38	4.44	3.29	2.73	2.87	3.14	41.76
N. Dak.	Bismarck	.51	.45	.70	1.51	2.23	3.01	2.05	1.69	1.38	.81	.51	.51	15.36
Ohio	Cincinnati	3.09	2.58	3.83	3.71	4.07	3.83	4.04	3.45	3.11	2.47	3.03	2.89	40.10
	Cleveland	2.47	2.20	2.99	3.32	3.30	3.49	3.37	3.38	2.92	2.45	2.76	2.75	35.40
	Columbus	2.75	2.18	3.23	3.41	3.76	4.01	4.01	3.70	2.76	1.91	2.64	2.61	36.97
Okla.	Oklahoma City	.96	1.29	2.07	2.91	5.50	3.87	3.04	2.40	3.41	2.71	1.53	1.20	30.89
Oreg.	Portland	6.16	3.93	3.61	2.31	2.08	1.47	.46	1.13	1.61	3.05	5.17	6.41	37.39
Pa.	Philadelphia	3.18	2.81	3.86	3.47	3.18	3.92	3.88	4.10	3.42	2.83	3.32	3.45	41.42
	Pittsburgh	2.86	2.40	3.58	3.28	3.54	3.30	3.83	3.31	2.80	2.49	2.34	2.57	36.29
R.I.	Providence	4.06	3.72	4.29	3.95	3.48	2.79	3.01	4.04	3.54	3.75	4.22	4.47	45.32
S.C.	Columbia	4.38	3.99	5.16	3.59	3.85	4.45	5.35	5.56	4.23	2.55	2.51	3.50	49.12
S. Dak.	Sioux Falls	.50	.93	1.58	2.36	3.21	3.70	2.71	3.13	2.79	1.57	.92	.72	24.12
Tenn.	Memphis	4.61	4.33	5.44	5.77	5.06	3.58	4.03	3.74	3.62	2.37	4.17	4.85	51.57
	Nashville	4.49	4.03	5.58	4.47	4.56	3.70	3.82	3.40	3.71	2.58	3.52	4.63	48.49
Tex.	Dallas-Fort Worth	1.65	1.93	2.42	3.63	4.27	2.59	2.00	1.76	3.31	2.47	1.76	1.67	29.45
	El Paso	.38	.45	.32	.19	.24	.56	1.60	1.21	1.42	.73	.33	.39	7.82
	Houston	3.21	3.25	2.68	4.24	4.69	4.06	3.33	3.66	4.93	3.67	3.38	3.66	44.77
Utah	Salt Lake City	1.35	1.33	1.72	2.21	1.47	.97	.72	.92	.89	1.14	1.22	1.37	15.31
Vt.	Burlington	1.85	1.73	2.20	2.77	2.96	3.64	3.43	3.87	3.20	2.81	2.80	2.43	33.69
Va.	Norfolk	3.72	3.28	3.86	2.87	3.75	3.45	5.15	5.33	4.35	3.41	2.88	3.17	45.22
	Richmond	3.23	3.13	3.57	2.90	3.55	3.60	5.14	5.01	3.52	3.74	3.29	3.39	44.07
Wash.	Seattle-Tacoma	6.04	4.22	3.59	2.40	1.58	1.38	.74	1.27	2.02	3.43	5.60	6.33	38.60
	Spokane	2.47	1.61	1.36	1.08	1.36	1.23	.50	.74	.71	1.08	2.06	2.49	16.71
W. Va.	Charleston	3.48	3.11	4.00	3.52	3.68	3.32	5.36	4.15	3.01	2.63	2.90	3.27	42.43
Wis.	Milwaukee	1.64	1.33	2.58	3.37	2.66	3.59	3.54	3.09	2.88	2.25	1.98	2.03	30.94
Wyo.	Cheyenne	.41	.40	.97	1.24	2.39	2.00	1.87	1.39	1.06	.68	.53	.37	13.31
P.R.	San Juan	3.01	2.02	2.31	3.62	5.64	4.66	4.87	5.93	5.99	5.89	5.59	4.46	53.98

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81, Sept. 1982.

NO. 379. AVERAGE NUMBER OF DAYS WITH PRECIPITATION OF .01 INCH OR MORE—SELECTED CITIES

[Airport data, except as noted. For period of record through 1981]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	40	11	10	11	7	8	11	17	14	11	6	8	11	125
Alaska	Juneau	38	18	17	18	17	17	16	17	17	20	24	20	21	222
Ariz.	Phoenix	42	4	4	3	2	1	1	4	5	3	3	2	4	36
Ark.	Little Rock	39	10	9	10	10	10	8	9	7	7	6	8	9	103
Calif.	Los Angeles	46	6	6	6	3	1	(Z)	1	(Z)	1	2	3	5	34
	Sacramento	42	10	9	8	6	3	1	(Z)	(Z)	1	3	7	9	57
	San Francisco	54	11	10	9	6	3	1	(Z)	(Z)	1	4	7	10	62
Colo.	Denver	47	6	6	9	9	11	9	9	9	6	5	5	5	89
Conn.	Hartford	27	11	11	11	11	11	11	10	10	10	8	11	12	127
Del.	Wilmington	34	11	9	11	11	12	10	9	9	8	8	9	10	117
D.C.	Washington	40	10	9	11	10	11	9	10	9	8	7	8	9	111
Fla.	Jacksonville	40	8	8	8	6	9	12	15	14	13	8	6	8	115
	Miami	39	7	8	5	6	11	15	16	17	17	15	8	6	129
Ga.	Atlanta	47	12	10	12	9	9	10	12	9	8	6	8	10	115
Hawaii	Honolulu	32	10	10	9	9	7	6	8	6	7	9	9	10	100
Idaho	Boise	42	12	10	9	8	8	6	2	3	4	6	10	12	90
Ill.	Chicago	23	11	10	13	13	11	10	10	9	10	9	10	11	127
	Peoria	42	9	8	11	12	12	10	9	8	9	7	9	10	114
Ind.	Indianapolis	42	12	10	13	12	12	10	9	9	8	8	10	11	124
Iowa	Des Moines	42	7	7	10	10	11	11	9	9	8	7	6	8	103
Kans.	Wichita	28	6	5	7	8	11	9	8	7	8	6	5	5	85
Ky.	Louisville	34	12	11	13	12	11	10	11	8	8	7	10	11	124
La.	New Orleans	33	10	9	9	7	8	10	15	13	10	5	7	10	113
Maine	Portland	41	11	10	11	12	12	11	9	9	8	9	12	12	126
Md.	Baltimore	31	10	9	11	11	11	9	9	10	7	7	9	9	112
Mass.	Boston	30	12	11	12	11	11	10	9	10	9	9	11	12	127
Mich.	Detroit	35	13	12	13	12	12	11	9	9	9	9	11	13	133
	Sault Ste. Marie	40	19	15	13	11	11	12	10	11	13	13	17	19	164
Minn.	Duluth	40	12	10	11	11	12	13	11	11	11	9	11	12	134
	Minneapolis-St. Paul	43	9	7	10	10	11	12	10	10	9	8	8	9	113
Miss.	Jackson	18	11	9	11	9	10	8	11	10	9	6	8	10	112
Mo.	Kansas City	9	8	6	10	11	11	9	7	9	8	7	7	7	100
	St. Louis	24	9	8	11	11	11	9	9	8	8	8	9	9	110
Mont.	Great Falls	44	9	8	9	9	12	12	7	7	7	6	7	7	100
Nebr.	Omaha	45	7	7	9	9	11	10	9	9	8	6	5	6	96
Nev.	Reno	39	6	6	6	4	5	3	3	2	2	3	5	6	51
N.H.	Concord	40	11	10	11	11	12	11	10	10	9	9	11	11	126
N.J.	Atlantic City	38	11	10	11	11	10	9	9	9	8	7	9	10	114
N. Mex.	Albuquerque	42	4	4	4	3	4	4	9	9	5	5	3	4	58
N.Y.	Albany	35	12	11	12	12	13	11	11	10	10	9	12	12	135
	Buffalo	38	20	17	16	14	12	10	10	11	11	11	16	20	168
	New York [1]	113	11	10	11	11	11	10	10	10	8	8	9	10	119
N.C.	Charlotte	42	10	10	11	9	10	10	11	10	7	7	7	10	112
	Raleigh	37	10	10	10	9	10	9	11	10	8	7	8	9	111
N. Dak.	Bismarck	42	8	7	8	8	10	12	9	8	7	5	6	8	96
Ohio	Cincinnati	34	12	11	13	13	11	11	10	9	8	8	11	12	129
	Cleveland	40	16	14	16	14	13	11	10	10	10	11	14	16	155
	Columbus	42	13	12	14	13	13	11	11	9	8	9	11	12	136
Okla.	Oklahoma City	42	5	6	7	8	10	8	7	6	7	6	5	5	80
Oreg.	Portland	41	19	16	17	14	12	9	4	5	8	13	18	19	154
Pa.	Philadelphia	41	11	9	11	11	11	10	9	9	8	8	9	10	116
	Pittsburgh	29	16	14	16	13	12	11	11	10	9	10	13	16	161
R.I.	Providence	28	11	10	11	11	11	11	9	10	8	8	11	12	123
S.C.	Columbia	34	10	10	11	8	9	10	11	11	8	6	7	9	110
S. Dak.	Sioux Falls	36	6	7	8	9	10	11	9	9	8	6	6	6	95
Tenn.	Memphis	31	10	9	11	10	9	8	9	8	7	6	8	10	105
	Nashville	40	11	11	12	11	11	10	10	9	8	7	9	11	120
Tex.	Dallas-Fort Worth	28	7	7	7	8	9	6	5	5	7	6	6	6	79
	El Paso	42	4	3	2	2	2	3	8	7	5	4	3	4	47
	Houston	12	11	7	10	7	8	8	10	10	10	7	8	8	104
Utah	Salt Lake City	53	10	9	10	10	8	5	4	5	5	6	7	9	88
Vt.	Burlington	38	14	12	13	12	13	12	12	12	12	11	14	15	152
Va.	Norfolk	33	10	10	11	10	10	9	11	10	8	8	8	9	114
	Richmond	44	10	9	11	9	11	9	11	10	8	7	8	9	112
Wash.	Seattle	37	19	16	17	14	10	9	5	7	9	14	18	20	158
	Spokane	34	15	12	11	8	9	8	4	5	6	8	12	16	114
W. Va.	Charleston	34	16	14	15	14	13	11	13	11	9	10	12	14	152
Wis.	Milwaukee	41	11	10	12	12	12	11	10	9	9	9	10	11	126
Wyo.	Cheyenne	46	6	6	9	9	12	11	11	10	7	5	6	5	97
P.R.	San Juan	26	17	13	12	14	17	16	19	19	17	17	18	19	198

Z Less than ½ day. [1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

NO. 380. AVERAGE TOTAL SNOW AND ICE PELLETS—SELECTED CITIES

[In inches. Airport data, except as noted. For period of record through 1981. T denotes trace]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	40	.1	.2	T	-	-	-	-	-	-	-	T	.1	.4
Alaska	Juneau	38	24.8	20.1	17.2	4.3	.1	T	-	-	T	1.2	11.4	24.7	103.8
Ariz.	Phoenix	44	T	T	T	T	-	-	-	-	-	-	-	T	T
Ark.	Little Rock	39	2.3	1.4	.5	T	-	-	-	-	-	-	.3	.8	5.3
Calif.	Los Angeles	46	T	T	-	-	-	-	-	-	-	-	-	T	T
	Sacramento	33	T	.1	-	-	-	-	-	-	-	-	-	T	.1
	San Francisco	54	T	T	T	-	-	-	-	-	-	-	-	T	T
Colo.	Denver	47	8.0	7.7	13.0	9.3	1.8	T	-	-	1.6	3.7	7.9	6.5	59.5
Conn.	Hartford	27	11.9	12.1	11.1	1.5	T	-	-	-	-	.1	1.9	11.9	50.5
Del.	Wilmington	34	6.2	6.2	3.8	.1	T	-	-	-	-	.1	1.0	3.6	21.0
D.C.	Washington	38	4.9	5.4	2.4	T	T	-	-	-	-	T	.7	3.4	16.8
Fla.	Jacksonville	40	T	T	T	-	-	-	-	-	-	-	-	T	T
	Miami	39	-	-	-	-	-	-	-	-	-	-	-	-	-
Ga.	Atlanta	47	.6	.5	.3	T	-	-	-	-	-	-	T	.2	1.6
Hawaii	Honolulu	35	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	Boise	42	7.3	3.8	1.9	.7	.1	T	T	-	-	.1	1.9	5.3	21.1
Ill.	Chicago	23	10.7	8.1	7.2	1.7	.1	-	-	-	T	.4	2.3	9.3	39.8
	Peoria	38	6.5	5.0	4.5	.7	T	-	-	-	-	.1	2.3	6.0	25.1
Ind.	Indianapolis	50	6.0	5.4	3.6	.5	T	-	-	-	-	T	2.1	4.9	22.5
Iowa	Des Moines	42	8.4	7.2	6.6	1.7	T	-	-	-	T	.3	2.6	6.4	33.2
Kans.	Wichita	28	4.4	4.2	2.7	.3	-	-	-	-	-	T	.9	2.8	15.3
Ky.	*Louisville*	34	6.2	4.3	3.8	.1	-	-	-	-	-	T	1.4	2.2	18.0
La.	New Orleans	35	T	.1	T	-	-	-	-	-	-	-	T	.1	.2
Maine	Portland	41	19.0	18.4	13.1	2.8	.2	-	-	-	T	.3	3.3	15.9	73.0
Md.	Baltimore	31	5.3	6.7	4.5	T	T	-	-	-	-	T	1.1	3.9	21.5
Mass.	Boston	46	12.4	11.7	7.8	.7	T	-	-	-	-	T	1.2	8.1	41.9
Mich.	Detroit	38	7.9	7.7	5.4	1.1	T	-	-	-	-	T	2.5	7.1	31.7
	Sault Ste. Marie	40	27.0	19.6	15.0	5.0	.6	T	-	-	.1	2.5	14.9	28.1	112.8
Minn.	*Duluth*	38	16.7	12.1	13.7	6.5	.9	T	-	T	T	1.1	9.9	15.3	76.2
	Minneapolis-St. Paul	43	9.2	8.4	10.4	2.6	.2	-	-	-	T	.4	6.2	8.9	46.3
Miss.	Jackson	18	.5	.2	.3	T	-	-	-	-	-	-	T	T	1.0
Mo.	Kansas City	47	5.9	4.1	3.9	.7	T	-	-	-	-	T	1.0	4.4	20.0
	St. Louis	45	5.2	4.4	4.6	.3	T	-	-	-	-	T	1.5	3.7	19.7
Mont.	Great Falls	44	10.0	8.4	9.7	7.2	1.3	.4	T	-	1.2	3.1	7.2	8.5	57.0
Nebr.	Omaha	46	8.2	7.1	6.6	.9	.1	-	-	-	T	.4	2.3	5.6	31.2
Nev.	Reno	39	6.1	5.2	5.0	1.5	1.0	T	-	-	T	.3	1.7	4.7	25.5
N.H.	Concord	40	17.8	15.1	11.1	2.1	.2	-	-	-	-	.1	4.0	14.4	64.8
N.J.	Atlantic City	37	5.1	5.5	3.0	.2	T	-	-	-	-	T	.4	2.2	16.4
N. Mex.	Albuquerque	42	2.3	2.0	2.0	.5	T	-	-	-	T	T	1.2	2.7	10.7
N.Y.	Albany	35	15.6	14.6	11.3	2.5	.1	-	-	-	-	.1	4.5	16.3	65.0
	Buffalo	38	23.8	18.0	11.9	3.1	.1	T	-	-	T	.3	12.4	22.4	92.0
	New York [1]	113	7.6	8.7	5.2	.9	T	-	-	-	-	T	.9	5.7	29.0
N.C.	*Charlotte*	42	2.0	1.7	1.3	T	-	-	-	-	-	-	.1	.6	5.7
	Raleigh	37	2.5	2.5	1.5	T	-	-	-	-	-	-	.2	.9	7.6
N. Dak.	Bismarck	42	7.0	6.4	7.8	3.6	1.0	T	-	-	.2	1.2	5.1	6.7	39.0
Ohio	Cincinnati	34	7.8	5.3	4.8	.4	T	-	-	-	-	.1	2.6	3.9	24.9
	Cleveland	40	11.8	11.3	9.7	1.9	.1	-	-	-	T	.8	5.5	11.6	52.7
	Columbus	34	8.6	6.1	4.6	.7	T	-	-	-	T	T	2.8	5.8	28.6
Okla.	Oklahoma City	42	2.8	2.5	1.6	T	-	-	-	-	-	T	.5	1.5	8.9
Oreg.	Portland	41	4.1	.7	.5	T	T	T	-	-	T	T	.5	1.4	7.2
Pa.	Philadelphia	39	6.2	6.5	4.0	.2	T	-	-	-	-	.1	.7	3.9	21.6
	Pittsburgh	29	12.4	10.1	8.6	1.4	.2	-	-	-	-	.2	4.0	8.4	45.3
R.I.	Providence	28	9.7	10.1	8.5	.6	.3	-	-	-	-	.2	.6	7.3	37.3
S.C.	Columbia	34	.3	1.0	.3	-	-	-	-	-	-	-	T	.3	1.9
S. Dak.	Sioux Falls	36	6.3	8.8	9.8	1.5	T	-	-	-	T	.5	4.3	7.2	38.4
Tenn.	Memphis	31	2.1	1.4	1.1	T	-	-	-	-	-	-	.1	.8	5.5
	Nashville	40	4.2	3.2	1.7	.1	-	-	-	-	-	-	.6	1.8	11.6
Tex.	Dallas-Fort Worth	28	1.5	1.2	.3	-	-	-	-	-	-	-	.2	.2	3.4
	El Paso	42	1.4	.8	.4	T	-	-	-	-	-	T	1.1	.9	4.6
	Houston	47	.2	.2	T	-	-	-	-	-	-	-	T	T	.4
Utah	Salt Lake City	53	13.4	9.6	10.4	4.8	.6	T	-	-	.1	1.1	6.3	11.7	58.0
Vt.	Burlington	38	18.4	17.0	12.3	3.5	.2	-	-	-	T	.2	7.2	19.7	78.5
Va.	Norfolk	33	3.1	2.8	1.3	T	-	-	-	-	-	-	T	1.1	8.3
	Richmond	44	5.1	3.8	3.0	.1	-	-	-	-	-	T	.4	2.0	14.4
Wash.	Seattle	37	6.3	1.5	1.5	.1	T	-	T	-	T	.1	1.1	2.9	13.5
	Spokane	34	17.8	7.4	4.4	.5	.1	T	-	-	-	.5	5.7	15.0	51.4
W. Va.	Charleston	34	10.4	8.4	4.9	.3	T	-	-	-	-	.2	2.6	5.0	31.8
Wis.	Milwaukee	41	12.8	9.6	9.0	1.7	T	-	-	-	T	.1	3.1	10.5	46.8
Wyo.	Cheyenne	46	6.4	5.6	12.0	8.7	3.7	.3	-	-	.6	3.3	6.5	5.6	52.7
P.R.	San Juan	26	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero. [1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

NO. 381. AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE—SELECTED CITIES

[Airport data, except as noted. For period of record through 1981, except as noted]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Montgomery	31	47	54	59	65	65	66	63	65	62	66	56	50	59
Alaska	Juneau [1]	33	32	32	37	39	39	34	31	32	26	19	23	20	32
Ariz.	Phoenix	86	77	80	83	88	93	94	85	85	89	88	84	78	86
Ark.	Little Rock	34	46	54	57	62	68	73	71	73	68	69	56	48	64
Calif.	Los Angeles [2]	32	69	72	73	70	66	65	82	83	79	73	74	71	73
	Sacramento	33	45	61	72	81	88	93	97	96	93	85	64	46	79
	San Francisco [4]	38	56	62	69	73	72	73	66	65	72	70	62	53	67
Colo.	Denver	32	72	72	70	68	64	71	71	72	75	73	65	68	70
Conn.	Hartford	27	58	58	57	57	58	60	63	62	59	57	47	50	58
Del.	Wilmington [5]	39	50	54	56	57	56	62	62	62	59	59	52	49	57
D.C.	Washington	33	48	52	56	58	59	65	64	64	62	59	52	47	58
Fla.	Jacksonville	30	58	62	67	72	70	63	61	60	55	58	61	56	62
	Key West	22	74	77	83	84	81	74	77	76	70	70	71	73	76
Ga.	Atlanta	46	48	54	58	66	68	67	63	65	63	68	60	51	61
Hawaii	Honolulu	29	63	63	69	67	69	70	74	75	75	68	61	59	68
Idaho	Boise	39	40	51	63	67	71	75	88	85	81	68	45	39	67
Ill.	Chicago	39	45	51	56	63	65	72	74	76	69	68	52	45	63
	Peoria	38	47	50	52	55	59	66	68	66	65	62	45	41	57
Ind.	Indianapolis	37	42	50	51	55	61	67	67	70	66	63	43	39	58
Iowa	Des Moines	31	51	54	54	56	60	68	71	70	66	63	50	45	60
Kans.	Wichita	28	58	60	61	63	65	70	74	74	67	67	59	58	66
Ky.	Louisville	34	43	48	49	55	60	65	66	67	65	62	47	42	57
La.	New Orleans	8	47	55	55	62	68	68	60	59	61	70	56	58	60
Maine	Portland	41	56	59	56	56	56	60	64	64	61	58	48	53	58
Md.	Baltimore	31	51	56	56	56	56	62	65	62	60	59	51	48	57
Mass.	Boston	46	54	57	57	57	59	64	66	66	63	60	51	52	60
Mich.	Detroit	32	32	43	49	52	59	65	70	65	61	56	35	32	54
	Sault Ste. Marie	40	35	46	54	55	58	58	63	58	46	40	24	27	48
Minn.	Duluth	31	50	53	55	54	56	58	66	60	52	47	35	40	54
	Minneapolis-St. Paul	43	52	58	55	56	59	63	71	67	61	56	40	40	58
Miss.	Jackson	17	46	55	58	62	61	70	63	64	59	67	55	49	60
Mo.	Kansas City	9	60	59	65	71	67	74	74	69	67	65	52	54	66
	St. Louis	22	53	53	55	57	61	68	70	65	64	62	48	44	59
Mont.	Great Falls	39	48	55	65	61	62	65	80	76	68	60	46	44	63
Nebr.	Omaha	45	55	54	55	58	61	68	74	71	68	66	52	48	62
Nev.	Reno	37	66	68	76	81	82	85	93	93	92	84	71	64	81
N.H.	Concord	40	52	55	52	53	55	58	63	60	55	54	42	47	55
N.J.	Atlantic City	21	49	52	53	55	54	57	59	63	59	56	48	44	54
N. Mex.	Albuquerque	42	72	73	73	77	79	83	76	76	80	80	78	73	77
N.Y.	Albany	43	46	51	52	53	55	59	63	60	56	51	36	38	53
	Buffalo	38	33	39	46	52	58	65	68	65	59	51	29	27	52
	New York [2 3]	100	50	55	56	59	61	64	65	64	63	61	52	49	59
N.C.	Charlotte	31	55	61	63	70	69	70	68	70	67	69	62	58	66
	Raleigh	27	54	60	63	64	59	61	61	61	59	62	61	56	60
N. Dak.	Bismarck	42	55	54	61	59	63	65	76	73	66	59	45	47	62
Ohio	Cincinnati	66	41	44	50	55	60	66	68	66	66	58	44	38	56
	Cleveland	38	31	37	44	52	58	65	67	63	60	54	32	26	51
	Columbus	30	36	42	44	51	56	60	61	61	61	57	38	31	51
Okla.	Oklahoma City	27	58	61	64	65	65	74	77	78	70	68	60	60	68
Oreg.	Portland	32	27	37	45	52	57	54	70	64	61	43	30	21	49
Pa.	Philadelphia	39	50	54	56	57	56	62	62	62	59	59	52	49	57
	Pittsburgh	29	34	38	45	48	51	57	58	56	58	53	39	29	49
R.I.	Providence	28	57	58	57	56	57	59	62	59	59	59	50	53	57
S.C.	Columbia	28	58	61	64	69	67	66	66	67	64	67	65	61	65
S. Dak.	Rapid City	39	55	59	62	59	57	62	71	73	68	66	55	53	62
Tenn.	Memphis	31	50	54	57	65	70	74	74	76	70	71	58	51	65
	Nashville	39	41	48	52	59	61	67	64	65	63	64	51	42	57
Tex.	Amarillo	40	68	69	71	73	72	77	78	77	73	75	72	68	73
	El Paso	39	77	82	85	87	89	89	80	81	81	84	83	79	83
	Houston	12	42	51	47	52	59	66	66	63	61	63	55	59	57
Utah	Salt Lake City	43	47	56	64	67	72	79	84	83	83	73	55	44	70
Vt.	Burlington	38	42	48	51	50	56	59	64	60	53	48	30	33	50
Va.	Norfolk	21	56	59	63	66	65	68	65	65	64	60	59	57	63
	Richmond	31	52	57	59	64	64	67	66	65	64	60	57	52	61
Wash.	Seattle-Tacoma	15	24	39	50	52	55	53	65	62	57	44	28	18	48
	Spokane	33	26	38	53	59	62	65	80	77	70	53	28	21	57
W. Va.	Parkersburg	83	32	37	44	50	56	59	62	59	59	54	37	30	49
Wis.	Milwaukee	41	45	47	50	53	60	64	70	66	60	55	41	38	56
Wyo.	Cheyenne	44	62	65	65	61	59	65	68	67	69	69	60	59	64
P.R.	San Juan	26	66	68	73	67	60	60	66	66	60	60	57	57	63

[1] For period of record through 1978. [2] For period of record through 1976. [3] City office data. [4] For period of record through 1973. [5] Data not available, figures are for a nearby station.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 382. Average Wind Speed—Selected Cities

[In miles per hour. Airport data, except as noted. For period of record through 1981]

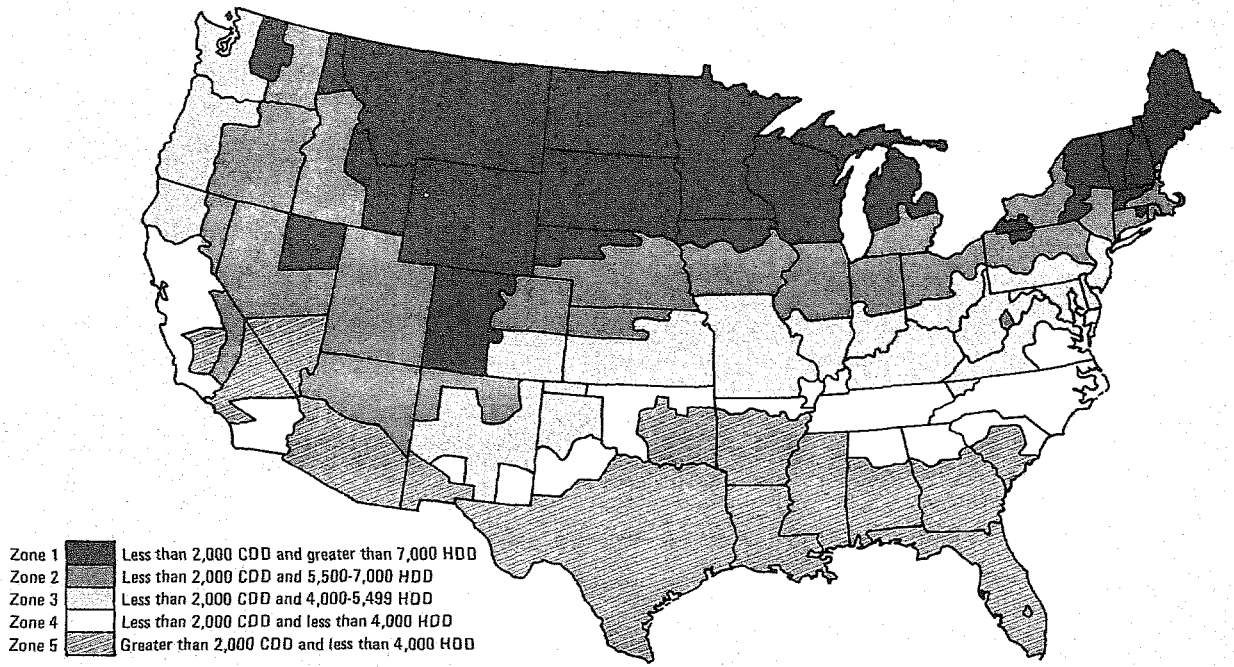
STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	33	10.5	10.7	11.0	10.3	8.9	7.7	6.9	6.7	7.9	8.2	9.2	10.0	9.0
Alaska	Juneau	38	8.4	8.7	8.8	8.8	8.4	7.8	7.6	7.5	8.0	9.7	8.7	9.2	8.4
Ariz.	Phoenix	36	5.2	5.9	6.7	7.0	7.0	6.9	7.2	6.6	6.3	5.8	5.3	5.1	6.3
Ark.	Little Rock	39	8.7	9.2	9.9	9.3	7.9	7.5	6.9	6.6	6.9	7.0	8.1	8.4	8.0
Calif.	Los Angeles	33	6.7	7.3	8.1	8.4	8.2	7.9	7.7	7.6	7.2	6.8	6.5	6.4	7.4
	Sacramento	33	7.7	7.8	8.9	8.9	9.3	9.9	9.1	8.7	7.7	6.6	6.3	6.9	8.1
	San Francisco	54	7.1	8.5	10.3	12.1	13.2	13.9	13.5	12.7	11.0	9.3	7.2	6.8	10.5
Colo.	Denver	33	8.9	9.2	9.9	10.3	9.5	9.0	8.5	8.2	8.1	8.1	8.5	8.8	8.9
Conn.	Hartford	27	9.3	9.6	10.1	10.3	9.1	8.3	7.6	7.3	7.5	7.9	8.5	8.8	8.7
Del.	Wilmington	33	10.0	10.5	11.2	10.5	9.0	8.5	7.8	7.4	7.9	8.3	9.2	9.5	9.2
D.C.	Washington	33	10.1	10.5	11.0	10.6	9.2	8.8	8.2	8.1	8.3	8.7	9.3	9.6	9.4
Fla.	Jacksonville	32	8.4	9.3	9.3	8.9	8.4	8.2	7.4	7.1	7.9	8.4	8.0	8.1	8.3
	Miami	32	9.5	10.1	10.5	10.7	9.6	8.3	7.9	7.9	8.2	9.3	9.6	9.2	9.2
Ga.	Atlanta	43	10.6	10.9	10.9	10.1	8.6	8.0	7.5	7.1	8.0	8.4	9.1	9.9	9.1
Hawaii	Honolulu	32	9.9	10.7	11.7	12.1	12.2	13.0	13.7	13.4	11.7	10.9	11.0	10.9	11.8
Idaho	Boise	42	8.3	9.2	10.2	10.2	9.6	9.1	8.5	8.2	8.3	8.5	8.5	8.4	8.9
Ill.	Chicago	23	11.5	11.6	11.9	12.1	10.6	9.1	8.1	8.1	8.7	9.8	10.9	10.9	10.3
	Peoria	38	11.1	11.4	12.2	12.1	10.2	9.1	8.0	7.8	8.6	9.5	11.1	10.9	10.2
Ind.	Indianapolis	33	11.0	11.0	11.8	11.3	9.5	8.6	7.5	7.2	7.9	8.9	10.4	10.5	9.6
Iowa	Des Moines	32	11.7	11.8	13.0	13.1	11.4	10.4	9.0	8.7	9.4	10.5	11.5	11.4	11.0
Kans.	Wichita	28	12.3	13.0	14.4	14.3	12.6	12.4	11.3	11.3	11.4	12.1	12.1	12.2	12.4
Ky.	Louisville	34	9.6	9.7	10.4	9.9	8.0	7.5	6.7	6.4	6.8	7.2	8.9	9.3	8.4
La.	New Orleans	33	9.4	9.8	10.0	9.4	8.1	6.9	6.2	5.9	7.2	7.5	8.6	9.0	8.2
Maine	Portland	41	9.3	9.5	10.0	9.9	9.1	8.1	7.6	7.4	7.7	8.3	8.7	9.0	8.7
Md.	Baltimore	31	9.9	10.5	11.1	10.8	9.3	8.6	8.0	7.9	8.2	8.8	9.4	9.4	9.3
Mass.	Boston	24	14.2	14.1	13.9	13.3	12.2	11.4	10.9	10.7	11.3	12.0	12.9	13.7	12.5
Mich.	Detroit	47	11.7	11.4	11.4	11.1	9.8	9.1	8.3	8.1	8.8	9.6	11.2	11.3	10.1
	Sault Ste. Marie	40	10.0	9.7	10.3	10.6	10.0	8.8	8.1	8.0	8.8	9.4	10.0	9.9	9.5
Minn.	Duluth	32	11.8	11.5	11.9	12.8	12.0	10.8	9.7	9.6	10.6	11.3	11.8	11.3	11.3
	Minneapolis-St. Paul	43	10.3	10.5	11.2	12.2	11.2	10.4	9.2	9.1	9.8	10.4	10.9	10.3	10.5
Miss.	Jackson	18	8.6	8.6	9.2	8.3	7.0	6.2	5.8	5.6	6.3	6.4	7.3	8.3	7.3
Mo.	Kansas City	9	10.8	11.8	12.5	12.3	10.0	10.1	8.5	9.0	8.7	10.2	11.0	11.1	10.5
	St. Louis	32	10.4	10.9	11.9	11.5	9.4	8.8	7.9	7.6	7.9	8.7	9.9	10.3	9.6
Mont.	Great Falls	40	15.3	14.6	13.4	13.0	11.5	11.3	10.1	10.3	11.5	13.5	14.8	15.8	12.9
Nebr.	Omaha	45	11.0	11.3	12.5	13.0	11.1	10.3	9.0	9.0	9.5	9.9	10.9	10.7	10.7
Nev.	Reno	39	5.7	6.1	7.6	8.0	7.7	7.4	6.7	6.3	5.5	5.3	5.2	5.1	6.4
N.H.	Concord	40	7.4	8.0	8.3	7.9	7.1	6.4	5.7	5.3	5.5	6.0	6.6	7.1	6.8
N.J.	Atlantic City	23	11.6	11.9	12.3	12.0	10.5	9.5	8.8	8.3	8.8	9.4	10.8	11.0	10.4
N. Mex.	Albuquerque	42	8.0	8.8	10.1	11.0	10.5	10.0	9.1	8.2	8.6	8.3	7.8	7.7	9.0
N.Y.	Albany	43	9.9	10.4	10.7	10.6	9.1	8.3	7.4	7.0	7.4	8.1	9.0	9.3	8.9
	Buffalo	42	14.4	13.9	13.5	12.9	11.6	11.1	10.5	9.9	10.5	11.3	12.8	13.4	12.1
	New York [1]	57	10.7	10.9	11.0	10.5	8.8	8.1	7.7	7.6	8.1	8.9	9.9	10.4	9.4
N.C.	Charlotte	32	7.9	8.4	8.9	8.9	7.6	7.0	6.6	6.6	6.7	7.1	7.3	7.4	7.5
	Raleigh	32	8.6	9.0	9.4	9.1	7.7	7.0	6.6	6.4	6.8	7.2	7.8	8.1	7.8
N. Dak.	Bismarck	42	10.0	10.1	11.0	12.3	11.9	10.7	9.3	9.5	10.0	10.1	10.1	9.5	10.4
Ohio	Cincinnati	34	10.6	10.5	11.1	10.8	8.8	8.0	7.2	6.7	7.4	8.1	9.6	10.2	9.1
	Cleveland	40	12.4	12.2	12.4	11.8	10.2	9.5	8.7	8.4	9.1	10.1	12.0	12.3	10.8
	Columbus	32	10.3	10.3	10.8	10.1	8.5	7.6	6.8	6.5	6.8	7.8	9.4	9.9	8.7
Okla.	Oklahoma City	33	13.0	13.4	14.9	14.8	12.9	12.5	11.0	10.7	11.1	12.1	12.4	12.7	12.6
Oreg.	Portland	33	10.1	9.1	8.3	7.3	7.0	7.1	7.6	7.1	6.5	6.5	8.5	9.5	7.9
Pa.	Philadelphia	41	10.4	11.1	11.5	11.0	9.7	8.8	8.1	7.9	8.3	8.9	9.6	10.1	9.6
	Pittsburgh	29	10.7	10.7	10.9	10.5	9.0	8.2	7.5	7.1	7.5	8.5	9.9	10.5	9.3
R.I.	Providence	28	11.4	11.7	12.2	12.2	10.9	10.0	9.5	9.3	9.5	9.7	10.5	11.0	10.7
S.C.	Columbia	33	7.0	7.6	8.2	8.3	7.0	6.7	6.4	5.9	6.1	6.1	6.4	6.6	6.9
S. Dak.	Sioux Falls	33	11.0	11.2	12.5	13.4	11.9	10.7	9.7	9.8	10.3	10.9	11.5	10.7	11.1
Tenn.	Memphis	33	10.4	10.4	11.2	10.6	8.9	8.1	7.5	7.0	7.5	7.8	9.2	10.0	9.1
	Nashville	40	9.2	9.4	10.0	9.5	7.6	7.1	6.4	6.1	6.3	6.7	8.4	8.9	8.0
Tex.	Dallas-Fort Worth	28	11.1	11.9	13.0	12.6	11.0	10.7	9.4	9.0	9.2	9.6	10.4	11.0	10.8
	El Paso	39	8.8	9.7	11.6	11.6	10.9	9.9	8.7	8.2	8.0	7.9	8.2	8.3	9.3
	Houston	12	8.2	8.7	9.4	9.1	8.1	7.7	6.8	5.9	6.8	6.6	7.6	7.8	7.7
Utah	Salt Lake City	52	7.6	8.2	9.3	9.5	9.4	9.4	9.5	9.6	9.1	8.5	7.8	7.5	8.8
Vt.	Burlington	38	9.5	9.3	9.3	9.3	8.8	8.3	7.8	7.4	8.1	8.7	9.5	9.7	8.8
Va.	Norfolk	33	11.5	11.9	12.3	11.7	10.2	9.5	8.8	8.8	9.5	10.4	10.6	11.0	10.5
	Richmond	33	7.9	8.5	8.9	8.8	7.7	7.2	6.6	6.3	6.5	6.9	7.4	7.5	7.5
Wash.	Seattle	33	9.9	9.8	10.0	9.7	9.0	8.8	8.3	7.9	8.1	8.7	9.2	9.9	9.1
	Spokane	34	8.7	9.1	9.6	9.8	8.9	8.9	8.3	8.1	8.1	8.0	8.3	8.8	8.7
W. Va.	Charleston	34	7.6	7.8	8.5	7.8	6.2	5.6	5.1	4.4	4.8	5.3	6.8	7.2	6.4
Wis.	Milwaukee	41	12.8	12.7	13.1	13.1	11.8	10.5	9.6	9.5	10.6	11.5	12.6	12.4	11.7
Wyo.	Cheyenne	24	15.3	15.1	14.6	14.3	12.8	11.6	10.4	10.5	11.2	12.3	13.4	14.9	13.0
P.R.	San Juan	26	8.9	9.2	9.6	9.4	8.6	9.0	9.9	9.2	7.6	6.9	7.5	8.5	8.7

[1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

Figure 7.3

U.S. Weather Zone Map of Heating Degree Days (HDD) and Cooling Degree Days (CDD)



Note: Heating degree days (HDD) refers to the number of degrees the daily average temperature is below 65 degrees Fahrenheit. Cooling degree days (CDD) refers to the number of degrees the daily average temperature is above 65 degrees Fahrenheit.

Source: Chart prepared by U.S. Bureau of the Census.

NO. 383. NORMAL MONTHLY AND SEASONAL HEATING DEGREE DAYS, 65° BASE—SELECTED CITIES

[Airport data, except as noted. Based on standard 30-year period, 1951 through 1980. For definition of "degree day," see text, p. 200]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Seasonal
Ala	Mobile	469	342	191	43	-	-	-	-	-	50	218	382	1,695
Alaska	Juneau	1,339	1,042	1,048	777	574	369	288	322	474	719	969	1,184	9,105
Ariz	*Phoenix*	394	269	187	52	-	-	-	-	-	13	159	368	1,442
Ark	Little Rock	778	585	417	124	18	-	-	-	8	132	414	676	3,152
Calif	Los Angeles	286	233	240	180	106	54	17	12	18	55	139	255	1,595
	Sacramento	611	412	366	229	83	21	-	-	7	82	360	601	2,772
	San Francisco	512	375	378	306	226	139	103	89	80	148	315	490	3,161
Colo	Denver	1,101	879	837	528	253	74	-	-	135	*414*	789	*1,004*	*6,014*
Conn	Hartford	1,234	1,047	874	486	197	20	-	8	102	391	702	1,113	6,174
Del	Wilmington	1,048	890	719	378	130	6	-	-	36	282	582	915	4,986
D.C	Washington	924	770	595	257	68	-	-	-	13	197	489	809	4,122
Fla	Jacksonville	396	302	166	21	-	-	-	-	-	21	164	332	1,402
	Miami	76	62	14	-	-	-	-	-	-	-	5	42	199
Ga	Atlanta	716	563	400	133	37	5	-	-	7	130	394	636	3,021
Hawaii	Honolulu	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	Boise	1,088	809	732	492	253	83	-	23	134	406	759	1,023	5,802
Ill	Chicago	1,352	1,092	899	486	224	38	-	9	75	368	756	1,156	6,455
	Peoria	1,349	1,070	859	411	176	22	-	5	64	361	756	1,153	6,226
Ind	Indianapolis	1,209	983	775	*382*	158	15	-	-	*63*	330	696	1,039	5,650
Iowa	Des Moines	1,438	1,134	927	435	156	17	-	-	80	357	792	1,218	6,554
Kans	Wichita	1,097	837	656	275	89	7	-	-	37	219	621	949	4,787
Ky	Louisville	1,008	815	624	264	98	5	-	-	32	250	567	862	4,525
La	New Orleans	423	318	171	25	-	-	-	-	-	31	186	336	1,490
Maine	Portland	1,349	1,176	1,020	666	378	107	22	54	201	515	798	1,215	7,501
Md	Baltimore	1,001	848	673	334	115	-	-	-	29	261	561	884	4,706
Mass	Boston	1,097	960	*825*	*489*	*218*	25	-	6	80	329	594	970	5,593
Mich	Detroit	1,290	1,098	930	528	247	36	5	12	106	414	765	1,132	6,563
	Sault Ste. Marie	1,603	1,420	1,274	807	480	210	101	123	306	611	968	1,404	9,305
Minn	Duluth	1,820	1,484	1,305	801	456	179	71	115	334	645	1,104	1,587	9,901
	Minneapolis-St. Paul	1,668	1,330	1,110	570	238	41	12	16	160	488	954	1,420	8,007
Miss	Jackson	611	462	303	77	9	-	-	-	-	98	316	513	2,389
Mo	Kansas City	1,212	921	729	314	112	12	-	-	42	258	657	1,026	5,283
	St. Louis	1,122	874	676	279	110	12	-	-	40	258	612	955	4,938
Mont	Great Falls	1,435	1,072	1,042	669	369	141	20	66	268	536	930	1,218	7,766
Nebr	Omaha	1,389	1,058	859	390	130	16	-	-	73	342	765	1,172	6,194
Nev	Reno	1,017	773	756	558	333	124	16	59	171	456	759	1,008	6,030
N.H	Concord	1,398	1,198	*1,020*	*627*	*314*	*67*	20	39	191	521	831	1,256	7,482
N.J	Atlantic City	1,029	890	744	420	165	26	-	-	27	298	582	905	5,086
N. Mex	Albuquerque	936	717	583	302	81	-	-	-	12	242	630	911	4,414
N.Y	Albany	1,361	1,165	973	552	252	38	7	15	149	450	771	1,194	6,927
	Buffalo	1,287	1,134	992	588	294	53	9	25	130	423	741	1,122	6,798
	New York[1]	1,029	885	732	378	134	7	-	-	36	240	534	893	4,868
N.C	Charlotte	760	619	459	155	50	-	-	-	10	166	429	694	3,342
	Raleigh	787	655	496	181	53	-	-	-	9	187	450	713	3,531
N. Dak	Bismarck	*1,807*	*1,414*	1,209	675	324	100	18	57	255	586	1,092	1,538	9,075
Ohio	Cincinnati	1,076	882	682	317	122	8	-	-	39	279	612	933	4,950
	Cleveland	1,225	1,053	880	507	244	33	8	11	99	371	696	1,051	6,178
	Columbus	1,175	986	775	408	178	19	-	5	78	355	687	1,020	5,686
Okla	*Oklahoma City*	902	678	506	*184*	41	-	-	-	15	145	486	778	3,735
Oreg	Portland	809	610	592	438	263	118	35	51	111	332	585	747	4,691
Pa	Philadelphia	1,048	893	719	363	127	-	-	-	33	273	576	915	4,947
	Pittsburgh	1,187	1,014	822	447	201	28	-	13	101	393	702	1,042	5,950
R.I	*Providence*	*1,141*	*1,000*	*856*	*513*	*239*	*31*	-	6	94	366	648	1,014	5,908
S.C	Columbia	637	508	346	87	22	-	-	-	-	123	339	567	2,629
S. Dak	Sioux Falls	1,631	1,285	1,073	561	240	52	14	15	161	489	960	1,404	7,885
Tenn	*Memphis*	787	602	433	126	25	-	-	-	9	137	415	673	3,207
	Nashville	*865*	*689*	*510*	*186*	*55*	-	-	-	*19*	*193*	*492*	*747*	*3,756*
Tex	Dallas-Fort Worth	651	469	313	85	-	-	-	-	-	56	300	533	2,407
	El Paso	645	465	318	93	-	-	-	-	-	96	408	639	2,664
	Houston	*442*	314	175	32	-	-	-	-	-	36	*201*	349	1,549
Utah	Salt Lake City	1,128	865	753	474	220	53	-	-	97	377	759	1,076	5,802
Vt	Burlington	1,500	1,313	1,110	669	326	64	23	50	202	530	852	1,314	7,953
Va	*Norfolk*	778	669	512	219	53	-	-	-	9	146	393	667	3,446
	Richmond	880	731	552	226	65	-	-	-	24	221	483	778	3,960
Wash	Seattle-Tacoma	803	622	645	489	313	169	76	97	169	388	606	744	5,121
	Spokane	1,218	913	849	576	339	140	17	63	209	539	903	1,116	6,882
W. Va	*Charleston*	995	823	626	298	125	16	-	-	51	301	591	871	4,697
Wis	Milwaukee	1,435	1,176	1,020	612	334	84	11	25	117	444	831	*1,237*	*7,326*
Wyo	Cheyenne	1,206	1,000	1,020	696	397	139	24	37	235	543	906	1,107	7,310
P.R	*San Juan*	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero [1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81, Sept. 1982.

No. 384. Normal Monthly and Seasonal Cooling Degree Days, 65° Base—Selected Cities

[Airport data, except as noted. Based on standard 30-year period, 1951 through 1980. For definition of "degree day," see text, p. 200]

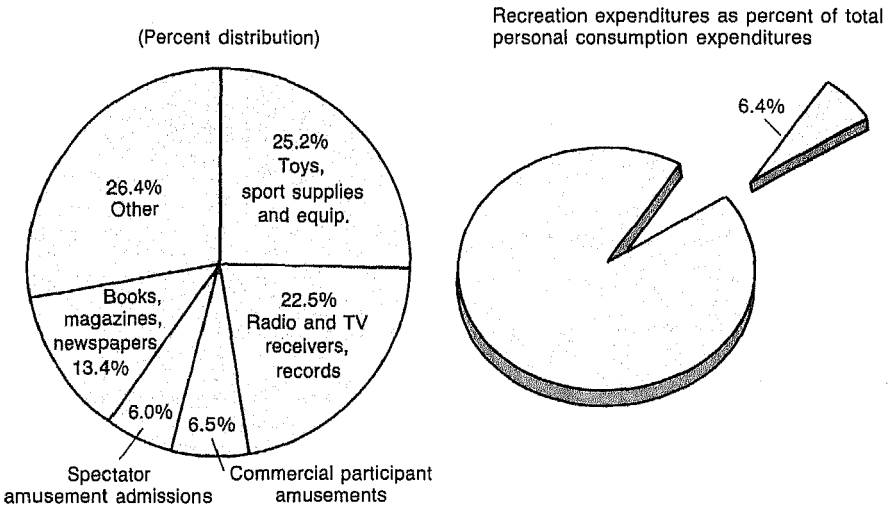
State	Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Seasonal
Ala	Mobile	29	23	39	133	307	465	533	521	396	158	26	13	2,643
Alaska	Juneau	-	-	-	-	-	-	-	-	-	-	-	-	-
Ariz	Phoenix	-	20	51	142	376	645	846	772	588	273	27	6	3,746
Ark	Little Rock	-	-	20	46	188	405	530	496	287	73	-	-	2,045
Calif	Los Angeles	7	12	-	15	25	72	141	176	153	95	25	7	728
	Sacramento	-	-	-	25	80	207	329	301	208	48	-	-	1,198
	San Francisco	-	-	-	-	-	13	16	27	47	12	-	-	115
Colo	Denver	-	-	-	-	11	134	261	203	63	8	-	-	680
Conn	Hartford	-	-	-	-	24	128	260	203	51	-	-	-	666
Del	Wilmington	-	-	-	-	43	192	341	304	123	12	-	-	1,015
D.C	Washington	-	-	-	8	99	285	431	391	196	20	-	-	1,430
Fla	Jacksonville	30	25	51	102	282	420	505	496	396	160	38	15	2,520
	Miami	141	140	222	309	419	480	539	552	504	400	239	150	4,095
Ga	Atlanta	-	-	12	37	170	329	422	409	247	44	-	-	1,670
Hawaii	Honolulu	236	221	291	321	388	423	468	496	468	450	348	279	4,389
Idaho	Boise	-	-	-	-	17	107	298	240	80	-	-	-	742
Ill	Chicago	-	-	-	-	41	146	252	223	66	12	-	-	740
	Peoria	-	-	-	-	71	208	314	256	82	17	-	-	948
Ind	Indianapolis	-	-	-	-	80	213	313	257	111	14	-	-	988
Iowa	Des Moines	-	-	-	-	66	215	354	279	83	22	-	-	1,019
Kans	Wichita	-	-	8	14	117	340	508	456	205	36	-	-	1,684
Ky	Louisville	-	-	7	12	110	266	391	353	179	24	-	-	1,342
La	New Orleans	32	30	59	136	307	459	530	518	405	161	36	13	2,686
Maine	Portland	-	-	-	-	-	23	118	104	9	-	-	-	254
Md	Baltimore	-	-	-	-	66	221	366	329	146	10	-	-	1,138
Mass	Boston	-	-	-	-	17	115	266	220	68	13	-	-	699
Mich	Detroit	-	-	-	-	33	117	219	183	55	8	-	-	615
	Sault Ste. Marie	-	-	-	-	6	12	55	58	-	-	-	-	131
Minn	Duluth	-	-	-	-	-	11	80	59	-	-	-	-	150
	Minneapolis-St. Paul	-	-	-	-	36	134	263	190	28	11	-	-	662
Miss	Jackson	13	17	34	80	241	426	524	502	342	98	13	-	2,290
Mo	Kansas City	-	-	-	8	99	270	423	363	144	26	-	-	1,333
	St. Louis	-	-	-	12	128	306	431	372	181	38	-	-	1,468
Mont	Great Falls	-	-	-	-	-	48	153	144	40	6	-	-	391
Nebr	Omaha	-	-	-	6	77	256	394	320	97	16	-	-	1,166
Nev	Reno	-	-	-	-	11	46	156	117	27	-	-	-	357
N.H	Concord	-	-	-	-	10	58	160	111	14	-	-	-	353
N.J	Atlantic City	-	-	-	-	26	152	291	248	75	-	-	-	792
N. Mex	Albuquerque	-	-	-	-	59	285	428	344	132	6	-	-	1,254
N.Y	Albany	-	-	-	-	19	89	206	145	35	-	-	-	494
	Buffalo	-	-	-	-	18	83	186	146	43	-	-	-	476
	New York[1]	-	-	-	-	56	199	363	322	135	14	-	-	1,089
N.C	Charlotte	-	-	7	14	149	304	419	400	220	33	-	-	1,546
	Raleigh	-	-	9	16	121	270	394	372	189	23	-	-	1,394
N. Dak	Bismarck	-	-	-	-	10	79	186	174	24	-	-	-	473
Ohio	Cincinnati	-	-	-	8	101	230	344	310	144	22	-	-	1,159
	Cleveland	-	-	-	-	33	111	213	178	72	5	-	-	612
	Columbus	-	-	-	-	66	175	273	235	102	11	-	-	862
Okla	Oklahoma City	-	-	13	40	147	360	530	499	264	61	-	-	1,914
Oreg	Portland	-	-	-	-	6	43	119	122	42	-	-	-	332
Pa	Philadelphia	-	-	-	-	59	202	357	319	129	9	-	-	1,075
	Pittsburgh	-	-	-	-	37	121	222	186	74	5	-	-	645
R.I	Providence	-	-	-	-	10	85	235	195	49	-	-	-	574
S.C	Columbia	8	6	20	51	223	381	496	471	297	74	6	-	2,033
S. Dak	Sioux Falls	-	-	-	-	29	154	293	226	41	6	-	-	749
Tenn	Memphis	-	-	20	54	211	411	530	484	285	72	-	-	2,067
	Nashville	-	-	14	24	151	328	446	415	238	45	-	-	1,661
Tex	Dallas-Fort Worth	-	7	37	112	275	510	660	636	408	146	18	-	2,809
	El Paso	-	-	11	51	218	474	543	474	273	52	-	-	2,096
	Houston	20	20	51	143	307	468	561	546	402	181	54	8	2,761
Utah	Salt Lake City	-	-	-	-	28	152	388	311	97	5	-	-	981
Vt	Burlington	-	-	-	-	22	61	165	115	16	-	-	-	379
Va	Norfolk	-	-	-	15	96	282	415	394	225	31	-	-	1,458
	Richmond	-	-	-	13	99	258	397	366	180	23	-	-	1,336
Wash	Seattle-Tacoma	-	-	-	-	-	25	70	70	19	-	-	-	184
	Spokane	-	-	-	-	8	41	162	159	41	-	-	-	411
W. Va	Charleston	-	-	-	7	91	196	295	270	129	19	-	-	1,007
Wis	Milwaukee	-	-	-	-	18	81	182	158	24	7	-	-	470
Wyo	Cheyenne	-	-	-	-	-	49	145	93	22	-	-	-	309
P.R	San Juan	357	325	388	414	474	501	527	533	507	508	438	394	5,366

- Represents zero [1] City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatography of the United States*, No. 81, Sept. 1982.

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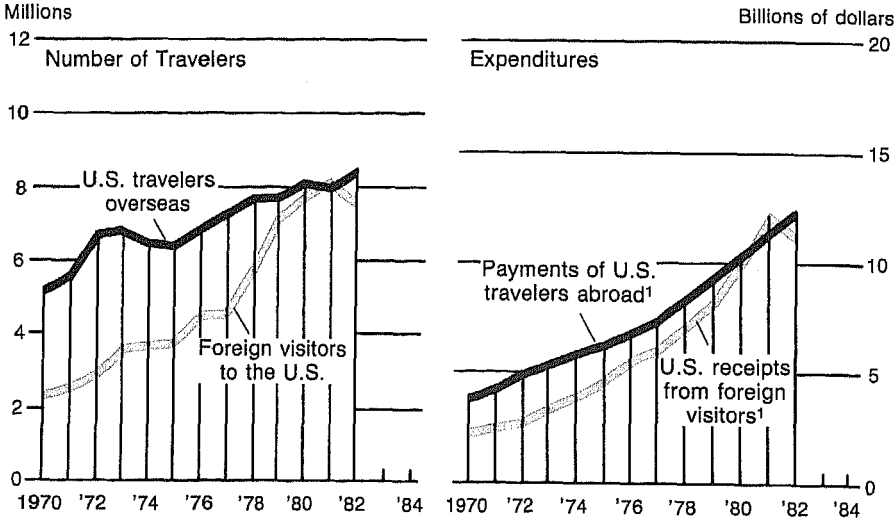
Figure 8.1
Personal Consumption Expenditures for Recreation: 1982



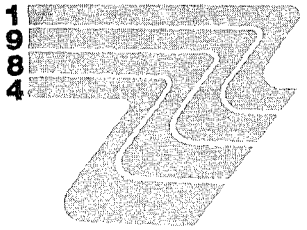
Total personal consumption expenditures = $1,992 billion.
Personal consumption expenditures for recreation = $127 billion.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 391.

Figure 8.2
Overseas Travelers To and From the United States — Number and Expenditures: 1970 to 1982



1 Excludes expenditures for U.S. or foreign flag carriers.
Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 412 and 413.



Section 8

Parks and Recreation

This section presents statistics on national parks and forests, State parks, recreational activities, the arts and humanities, and domestic and foreign travel.

Parks and recreation.—The Department of the Interior has responsibility for administering the national parks. As part of this function, it compiles data and issues various reports relating to the usage of public parks for recreation purposes. The National Park Service publishes information on visits to national park areas in its annual report, *National Park Statistical Abstract;* the *Index-National Park System and Related Areas,* a biannual report, presents data on acreage in public parks; and its *National Parks and Landmarks* gives brief descriptions of each area administered by the Service and also covers sites eligible for registry as natural or national historic landmarks and nonfederally owned national historic sites. The National Park Service is also responsible for the administration of the Land and Water Conservation Fund, the Urban Park and Recreation program and several other outdoor recreation programs which were administered by the Heritage Conservation and Recreation Service until its abolishment in 1981.

Statistics for State parks are compiled by the National Association of State Park Directors which issues its annual *Information Exchange.* The Bureau of Land Management, in its *Public Land Statistics,* also issues data on recreational use of its lands. The Department of Agriculture's Forest Service, in its *Report of the Forest Service,* issues data on recreational uses of the national forests.

Statistics on recreation other than usage of public lands have not generally been compiled and published in a systematic way. In general, more data are available in the files of public and private bodies than have been published; and much of what is published is in forms not physically permanent nor likely to be preserved in libraries and other reference sources. The series presented here represent only the more readily available data.

Visitation.—Statistics presented on visitation to various recreation areas are collected by several different agencies and groups. The methodology used to collect these results, may vary accordingly from visual counts and estimates to the use of electromagnetic traffic counters. Many factors besides the methodology, may affect the results such as multiple or random access points, irregular boundaries, and many other general factors that may affect usage. In using and comparing these data, one should also be aware of several different definitions that follow: Recreation visit, which is the entry of any person into an area for recreation purposes; nonrecreation visits, which include visits going to and from inholdings, through traffic, tradespeople and personnel with business in the area; and visitor hour, which constitutes the presence of a person in a recreation area or site for recreational purposes for periods of time aggregating 60 minutes.

Domestic and foreign travel.—Data on the volume and characteristics of domestic travel are collected and published by the Bureau of the Census as part of its Census of Transportation carried out every 5 years. The most recent data now available are from the 1977 census. Comparable data appear in the Bureau's 1963 *Passenger Transportation Survey,* vol. I, and its 1967 and 1972 *National Travel Survey,* vol. I.

Information on foreign travel and personal expenditures abroad, as well as expenditures by foreign citizens traveling in the United States, is compiled by the U.S. Bureau of Economic Analysis and published in selected issues of the monthly *Survey of Current Business.* Data on the number of passports issued annually to U.S. citizens are to be found in the annual *Summary of Passport Statistics* issued by the U.S. Dept. of State's Bureau of Consular Affairs. Statistics on arrivals to and departures from the United States by air are reported by the Department of Transportation in cooperation with the U.S. Immigration and Naturalization Service in *International Air Travel Statistics.*

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 385. National Park System—Summary: 1960 to 1982

[For years ending June 30 through 1975, thereafter ending Sept. 30; except as noted. Includes data for 5 areas in Puerto Rico and Virgin Islands and 1 area in Guam. See also *Historical Statistics, Colonial Times to 1970*, series H 806–828]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Finances (mil. dol.):										
Expenditures reported [1]	74.2	131.6	138.8	341.8	427.0	473.4	482.8	574.3	1,172.9	1,012.5
Salaries and wages	29.9	48.6	82.5	152.1	211.9	223.5	238.3	259.3	302.6	320.1
Improvements, maintenance	4.7	8.3	15.5	40.4	48.7	63.9	67.9	77.3	82.3	98.3
Construction	33.2	55.3	23.9	85.5	82.4	101.5	76.7	126.8	123.2	72.9
Other	6.5	19.5	17.0	63.8	84.0	84.5	99.9	110.8	664.8	521.2
Funds available [1]	115.7	183.1	174.6	428.0	599.6	653.3	616.7	907.9	2,307.7	1,931.3
Appropriations	79.6	128.4	129.4	345.6	492.8	552.1	526.2	539.4	827.0	801.2
Other	36.2	54.7	45.2	82.4	106.8	101.2	90.5	368.5	1,480.7	1,130.1
Revenue from operations [2]	5.7	7.4	8.8	17.2	21.3	22.9	21.1	21.1	22.9	25.5
Visits (millions): [3]										
All areas	79.2	121.3	172.0	238.8	262.6	283.1	282.4	300.3	329.7	334.4
National parks [4]	26.6	36.6	45.9	58.8	62.0	62.9	57.5	60.2	63.3	63.5
National monuments	10.7	12.3	17.3	17.3	18.5	19.1	16.8	16.3	17.1	18.2
National historical, archeological, and military areas	21.8	40.7	47.0	75.7	85.5	88.4	83.9	88.5	95.0	95.1
National parkways	9.0	13.0	27.8	36.0	36.8	37.7	35.0	40.2	43.8	45.1
National recreation areas [4]	3.7	6.2	11.5	23.9	36.2	38.9	41.3	48.1	51.1	52.9
National seashores	.5	3.4	9.1	13.3	16.5	17.6	14.2	15.0	16.0	15.5
National Capital Parks [5]	6.9	9.2	10.3	11.2	2.9	3.3	2.8	4.1	6.7	7.3
Miscellaneous other areas	(X)	(X)	3.0	2.6	4.2	15.1	31.5	28.0	37.3	36.8
Overnight stays reported	9.4	13.0	16.2	16.7	17.5	17.6	16.0	16.5	17.0	16.9
Camper days	4.8	8.1	9.0	8.8	9.3	9.1	7.9	8.3	8.9	8.8
Tents	3.6	5.1	4.7	3.7	4.0	3.8	3.4	3.9	4.2	4.2
Recreation vehicles	1.3	3.0	4.3	5.1	5.3	5.4	4.5	4.4	4.7	4.6
In commercial lodgings	2.8	3.3	4.9	4.0	4.0	4.1	4.0	4.1	4.0	3.3
Other	1.8	1.6	2.2	3.9	4.2	4.3	4.1	4.1	4.1	4.8
Land (1,000 acres):										
Total [6]	25,704	26,549	28,543	29,091	29,571 [7]	70,541	70,797	70,936	73,665	74,800
Parks	13,208	13,619	14,307	15,344	15,374	15,679	15,684	15,801	[8] 44,470	[8] 45,414
Recreation areas	3,214	3,497	3,628	3,156	3,266	3,255	3,280	3,322	3,327	3,313
Other	9,283	9,432	10,608	10,590	10,931	51,607	51,833	51,813	[8] 25,868	[8] 26,073
Acquisition, gross	21	319	83	110	224	266	86	121	70	40
By purchase	6	42	74	70	218	261	65	109	60	37
By gift	10	13	1	(Z)	5	5	4	7	6	3
By transfer or exchange	5	264	10	40	(Z)	(Z)	17	5	4	(Z)
Exclusion	(Z)	[9](Z)	2	(Z)	(Z)	(Z)	1	(Z)	(Z)	(Z)
Acquisition, net	21	318	82	110	224	266	85	121	70	40

X *Not applicable.* Z *Less than 1,000 acres.* [1] *For 1960–1980; excludes transfers and allocations from appropriations to other agencies (e.g., Land and Water Conservation Fund, etc.). Beginning 1981, data reflect absorption by National Park Service of activities of former Heritage Conservation and Recreation Service (e.g. Land and Water Conservation Fund). See text, p. 231.* [2] *Receipts deposited in Treasury; beginning 1975, receipts from annual admission permit (Golden Eagle Passport) and special recreation use fees are available for NPS expenditure.* [3] *For calendar year.* For 1960 excludes visits to White House. [4] Beginning 1970, combined data for North Cascades National Park and two adjacent National Recreation Areas are included in National Parks total. [5] *Beginning 1977, visits to some areas previously included in National Capital Parks now included in other areas.* [6] Federal land only, as of Dec. 31. [7] *On Dec. 1, 1978 over 40 million acres of public domain land in Alaska were added to the system.* [8] Several areas of the National Park System were reclassified as national parks in 1981. Therefore data *are not comparable with prior years.* [9] Represents U.S. lands alienated by exchange of U.S. and private lands.

Source: U.S. National Park Service, visits, 1960–1970, *Campground Use in the National Park Service*, annual, *Camper Days in Areas Administered by the National Park Service*, annual, and *Public Use of the National Parks*, monthly; 1975, *Public Use of the National Park System*, semiannual; thereafter, *National Park Statistical Abstract*, annual and unpublished data. Land, 1960–1978, *Areas Administered by the National Park Service*, semiannual; thereafter, *Index—National Park System and Related Areas*, biannual. Other data are unpublished.

No. 386. National Park System—Types of Areas: 1982

[As of September 30. Totals include 5 areas in Puerto Rico and Virgin Islands, and 1 area in Guam. See also *Historical Statistics, Colonial Times to 1970*, series H 806–828]

TYPE OF AREA	Number of areas	Federal acreage	TYPE OF AREA	Number of areas	Federal acreage
National Park System	**334**	**74,800,950**	National seashores	10	456,670
			Parkways	4	156,886
National parks	48	45,414,348	National lakeshores	4	126,242
National historical parks	26	99,138	National rivers	11	222,092
National monuments	78	4,455,874	National Capital Parks	1	6,469
National military parks	10	33,526			
National battlefields	10	8,240	Parks, other	10	30,824
			National recreation areas	17	3,312,589
National battlefield parks	3	6,675	National Trail	1	47,939
National battlefield sites	1	1	National preserves	12	20,399,164
National historic sites	69	16,122	National Mall	1	146
National memorials	23	7,988	White House	1	18

Source: U.S. National Park Service, *Index—National Park System and Related Areas*, biannual.

NO. 387. SELECTED NATIONAL PARK SERVICE AREAS—ACREAGE, 1982, VISITS AND OVERNIGHT STAYS, 1981 AND 1982

[Acreage as of **December 31**. Area selection based on minimum of 5 million visits or 250,000 overnight stays in 1982. For information on methodology and definition of "visits", see text, p. 231]

AREA	Acreage,[1] 1982 (1,000)	VISITS (mil.) 1981, total	VISITS (mil.) 1982 Total	VISITS (mil.) 1982 Recreation	VISITS (mil.) 1982 Nonrecreation	OVERNIGHT STAYS [2] (1,000) 1981	OVERNIGHT STAYS [2] (1,000) 1982
Total, all areas [3]	**79,366**	**329.7**	**334.4**	**244.9**	**89.5**	**16,989**	**16,873**
Blue Ridge Parkway, Ga., N.C., Va	82	17.0	17.8	14.4	3.4	288	268
Cape Hatteras National Seashore, N.C	30	1.8	1.9	1.7	.2	279	280
Chickamauga and Chattanooga National Military Park, Ga., Tenn	8	12.5	11.3	.9	10.4	3	2
Colonial National Historical Park, Va	9	12.2	12.2	8.6	3.6	–	–
Death Valley National Monument, Calif	2,068	.6	.7	.7	(z)	334	369
Gateway National Recreation Area, N.J., N.Y	26	9.6	10.1	9.9	.2	5	16
Glacier National Park, Mont	1,013	1.8	1.7	1.7	(z)	379	342
Glen Canyon National Recreation Area, Ariz., Utah	1,237	1.8	1.8	1.9	.1	1,181	1,323
Golden Gate National Recreation Area, Calif	73	20.3	19.9	19.9	–	–	–
Grand Canyon National Park, Ariz	1,218	2.7	2.5	2.3	.2	795	802
Grand Teton National Park, Wyo	311	3.6	3.4	2.5	.9	590	546
Great Smoky Mountains National Park, N.C., Tenn	520	12.0	12.9	8.2	4.7	521	560
Hot Springs National Park, Ark	6	5.3	5.0	1.0	4.0	9	8
Kennesaw Mountain National Battlefield Park, Ga	3	6.7	6.7	1.0	5.7	6	–
Kings Canyon National Park, Calif	460	.8	.8	.8	(z)	313	263
Lake Mead National Recreation Area, Ariz., Nev	1,468	5.4	5.6	5.4	.2	1,390	1,563
Natchez Trace Parkway, Miss., Tenn., Ala	50	16.8	16.6	11.1	5.5	14	17
Olympic National Park, Wash	915	2.7	3.0	2.5	.5	427	350
Ozark National Scenic Riverways, Mo	81	1.8	1.9	1.4	.5	263	289
Rocky Mountain National Park, Colo	267	2.9	2.6	2.6	(z)	310	260
Sequoia National Park, Calif	402	1.1	1.0	1.0	(z)	441	419
Shenandoah National Park, Va	195	1.9	1.8	1.7	.1	458	443
Valley Forge National Historical Park, Pa	4	12.2	12.5	3.4	9.1	–	–
Yellowstone National Park, Idaho, Mont., Wyo	2,220	2.5	2.4	2.4	(z)	1,386	1,317
Yosemite National Park, Calif	761	2.6	2.5	2.4	.1	2,127	2,037

– Represents zero. Z Less than 50,000. [1] Includes non-Federal land. [2] The passing of one night by a visitor within a park, and occurs each night a visitor remains in the park. [3] Includes areas not shown separately.

Source: U.S. National Park Service, *National Park Statistical Abstract*, annual, and unpublished data.

NO. 388. NATIONAL FOREST RECREATION USE—SUMMARY: 1982

[For year ending **September 30**. Estimated. Represents recreational use of National Forest land and water which aggregates 12 person-hours; may entail 1 person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. See also *Historical Statistics, Colonial Times to 1970*, series H 829-835]

PLACE WHERE USE OCCURRED	Visitor-days (1,000)	Percent	ACTIVITY	Visitor-days (1,000)	Percent
Sites and areas	**233,438**	**100.0**	**Total**	**233,438**	**100.0**
Developed sites	**84,328**	**36.1**	Camping	57,089	24.5
			Picnicking	9,160	3.9
Observation sites	1,138	.5	Recreation travel (mechanized)	53,789	23.0
Boating and fishing sites	3,314	1.4	Water travel	8,063	3.5
Swimming sites, playgrounds, etc	2,303	1.0	Games and team sports	1,396	.6
Campgrounds and trailheads	39,795	17.1	Water skiing and other water sports	986	.4
Picnic grounds	5,452	2.3	Swimming and scuba diving	5,209	2.2
Hotels, lodges, resorts	4,767	2.0	Winter sports	14,173	6.1
Organization sites	5,614	2.4			
Recreation residence sites	6,261	2.7	Fishing	16,463	7.0
Ski areas and winter sports sites	13,344	5.7	Hunting	16,236	7.0
Documentary areas, concession sites, visitor centers	2,340	1.0	Hiking and mountain climbing	12,734	5.5
			Horseback riding	3,671	1.6
			Resort use	4,364	1.9
Dispersed areas	**149,110**	**63.9**	Organization camp use	4,157	1.8
Roads (recreation)	54,583	23.4	Recreation cabin use	6,376	2.7
Trails (recreation)	13,243	5.7	Gathering forest products	5,388	2.3
Airfields	13	(z)	Nature study	1,961	.8
Waters	27,151	11.6	Viewing scenery, sports, environment	8,520	3.6
General undeveloped country	54,120	23.2	Visitor information (exhibits, talks, etc.)	3,703	1.6

Z Less than .05 percent.

Source: U.S. Forest Service, unpublished data.

No. 389. Recreational Use of Public Lands Administered by Bureau of Land Management: 1970 to 1982

[For years ending June 30 except, beginning 1977, Sept. 30]

Year and State	Number of sites	Developed acreage (1,000)	Total number of recreation visits [1] (mil.)	Recreation visitor hours [1] (mil.)				
				Total [2]	Sightseeing	Off-road vehicles	Hunting and fishing	Camping
1970	188	10.7	67.2	366.2	54.4	(NA)	254.4	97.2
1975	426	13.5	61.1	333.0	68.6	(NA)	147.2	64.8
1976	326	12.2	149.9	817.0	223.2	2.9	233.6	90.0
1977	364	23.1	144.5	787.5	225.2	3.6	217.6	63.6
1978	346	18.6	196.0	1,068.2	303.2	8.1	228.8	75.6
1979	410	49.7	146.3	797.3	198.8	16.8	241.6	74.4
1980	407	44.8	107.9	588.1	110.2	17.6	280.0	78.0
1981	334	43.5	91.5	498.7	95.6	17.9	174.4	50.4
1982, total [3]	**317**	**29.0**	**58.1**	**317.0**	**44.6**	**19.5**	**128.3**	**63.9**
Alaska	20	.5	.1	2.9	.1	.1	.2	1.6
Arizona	17	1.1	.3	23.0	1.9	1.1	2.8	15.9
California	65	4.3	28.0	96.2	31.6	10.7	15.9	19.1
Colorado	17	.8	8.3	65.5	2.0	.6	51.3	4.4
Nevada	11	16.6	.9	9.5	.1	2.1	4.2	.7
New Mexico	9	2.6	1.7	5.3	.4	.2	2.9	.4
Oregon	54	1.2	7.0	26.5	2.7	.4	8.6	7.2
Utah	40	.2	1.6	15.7	3.3	1.6	2.7	1.9
Wyoming	28	.9	1.7	1.1	.1	(z)	.4	.1

NA Not available. Z Less than 50,000. [1] Includes visits to lands or sites leased to non-Federal interests for recreation purposes. Method of collecting data varied by State and year, therefore data are not entirely comparable over period shown. [2] Includes other types of recreation not shown separately. [3] Includes States not shown separately.

Source: U.S. Bureau of Land Management, *Public Land Statistics*, annual.

No. 390. State Park and Recreation Areas—States: 1980 and 1982

[For years ending June 30. Data are shown as reported by State park directors. In some States, park agency has under its control forests, fish and wildlife areas and/or other areas. In other States, agency is only responsible for State parks]

Region, division, and State	Acreage, 1982 (1,000)	Visitors (1,000)		Expenditures [1] (mil. dol.)	
		1980	1982	1980	1982
U.S	**9,912**	**548,912**	**631,031**	**993**	**888**
Regions:					
Northeast	1,575	93,070	119,214	170	207
No. Central	1,682	127,796	172,400	179	177
South	1,536	159,153	155,199	256	255
West	5,119	168,894	184,218	388	249
N. Eng	**771**	**31,594**	**31,905**	**33**	**32**
Maine	70	1,846	2,194	2	3
N.H	71	3,662	3,983	9	5
Vt	157	1,211	844	2	4
Mass	261	9,872	10,423	15	15
R.I	11	7,703	7,703	1	1
Conn	202	7,300	6,757	[2] 4	5
Mid. Atl	**804**	**61,476**	**87,309**	**137**	**175**
N.Y	256	39,729	49,075	78	102
N.J	279	6,134	7,105	36	43
Pa	269	15,613	31,129	[2] 23	29
E. No. Cent	**1,017**	**86,634**	**124,344**	**126**	**133**
Ohio	304	12,897	55,860	47	45
Ind	54	7,691	8,178	14	14
Ill	336	32,314	30,972	37	47
Mich	248	21,426	20,812	21	16
Wis	72	12,306	8,523	7	10
W. No. Cent	**665**	**41,162**	**48,056**	**53**	**44**
Minn	217	5,845	6,049	12	12
Iowa	76	8,824	14,000	8	4
Mo	97	9,283	9,656	13	12
N. Dak	16	1,013	926	4	2
S. Dak	90	4,573	4,980	4	4
Neb	137	7,282	8,077	8	7
Kans	31	4,342	4,369	4	4
So. Atl	**928**	**61,521**	**60,496**	**91**	**105**
Del	9	2,801	2,529	4	3
Md	212	5,240	5,287	[2] 7	14
Va	54	4,402	3,745	5	6
W. Va	150	8,206	7,879	17	15
N.C	120	4,852	4,766	4	5
S.C	74	12,718	13,045	13	12
Ga	60	11,813	10,277	10	19
Fla	250	11,489	12,967	32	31
E. So. Cent	**243**	**55,319**	**52,950**	**90**	**81**
Ky	40	29,758	25,117	47	40
Tenn	133	14,989	19,066	18	20
Ala	48	6,506	5,006	13	9
Miss	22	4,065	3,762	13	11
W. So. Cent	**365**	**42,313**	**41,752**	**75**	**70**
Ark	44	5,786	6,652	15	13
La	36	4,211	1,583	20	11
Okla	95	18,294	16,770	13	17
Tex	189	14,022	16,747	27	29
Mt	**759**	**19,591**	**30,215**	**22**	**49**
Mont	46	1,030	3,081	5	3
Idaho	42	2,049	1,915	4	3
Wyo	123	(NA)	521	2	2
Colo	160	(NA)	6,427	(NA)	16
N. Mex	107	4,104	4,735	7	10
Ariz	35	2,352	2,054	[2] 2	5
Utah	94	6,718	6,668	(NA)	7
Nev	153	3,338	4,814	[2] 3	3
Pac	**4,360**	**149,303**	**154,003**	**366**	**200**
Wash	220	37,154	40,626	19	20
Oreg	88	34,455	32,215	12	14
Calif	1,058	58,024	63,051	316	150
Alaska	2,973	2,910	(NA)	[2] (z)	9
Hawaii	21	16,760	18,111	19	7

NA Not available. Z Less than $500,000. [1] Covers operating expenditures and fixed capital outlay expenditures. [2] Excludes capital outlay expenditures.

Source: National Association of State Park Directors, Indianapolis, Indiana, *Annual Information Exchange.*

NO. 391. PERSONAL CONSUMPTION EXPENDITURES FOR RECREATION: 1970 TO 1982

[**In millions of dollars, except percent.** Represents market value of purchases of goods and services by individuals and nonprofit institutions. See *Historical Statistics, Colonial Times to 1970*, series H 878-893, for figures issued prior to 1981 revisions]

TYPE OF PRODUCT OR SERVICE	1970	1975	1977	1978	1979	1980	1981	1982
Total recreation expenditures	**41,322**	**65,554**	**79,370**	**89,498**	**98,850**	**107,119**	**121,003**	**126,700**
Percent of total personal consumption [1]	6.6	6.7	6.6	6.6	6.6	6.4	6.5	6.4
Books and maps	2,903	3,775	4,504	5,435	6,107	6,562	7,316	7,767
Magazines, newspapers, sheet music	4,005	5,640	6,456	7,213	7,882	8,581	9,108	9,279
Nondurable toys and sport supplies	5,474	8,523	10,037	11,299	12,765	13,795	15,188	15,620
Wheel goods, durable toys, sports equipment [2]	5,146	9,734	11,969	13,570	15,135	15,333	16,686	16,363
Radio and TV receivers, records, musical instruments	8,436	13,970	16,846	18,533	20,860	22,221	24,359	24,604
Radio and television repair	1,279	2,246	2,626	2,823	2,975	3,343	3,676	3,923
Flowers, seeds, and potted plants	1,775	2,965	3,522	4,128	4,452	4,871	5,406	4,995
Admissions to specified spectator amusements	3,210	3,591	4,986	5,802	6,284	6,438	6,919	7,642
Motion picture theaters	1,536	1,480	2,376	2,811	2,946	2,750	2,966	3,450
Legitimate theaters and opera, and entertainments of nonprofit institutions [3]	501	667	868	1,064	1,223	1,431	1,641	1,717
Spectator sports	1,173	1,444	1,742	1,927	2,115	2,257	2,312	2,475
Clubs and fraternal organizations [4]	1,216	1,654	1,813	1,921	2,072	2,278	2,521	2,751
Commercial participant amusements [5]	2,189	3,615	4,412	5,079	5,384	6,076	7,490	8,296
Parimutuel net receipts	1,096	1,568	1,712	1,722	1,762	1,859	2,184	2,313
Other [6]	4,593	8,273	10,487	11,973	13,172	15,762	20,150	23,147

[1] See table 744. [2] Includes boats and pleasure aircraft. [3] Except athletic. [4] Consists of dues and fees excluding insurance premiums. [5] Consists of billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; golf courses; sightseeing buses and guides; private flying operations and other commercial participant amusements. [6] Consists of net receipts of lotteries and expenditures for purchase of pets and pet care services, cable TV, film processing, photographic studios, sporting and recreation camps, and recreational services, not elsewhere classified.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-1976;* and *Survey of Current Business,* July 1982 and July 1983.

NO. 392. QUANTITY OF BOOKS SOLD AND VALUE OF U.S. DOMESTIC CONSUMER EXPENDITURES, BY TYPE OF PUBLICATION AND MARKET AREA: 1974 TO 1981

[Includes all titles released by publishers in the U.S. and imports which appear under the imprints of American publishers. Multivolume sets, such as encyclopedias, are counted as one unit]

TYPE OF PUBLICATION AND MARKET AREA	1974	1975	1976	1977	1978	1979	1980	1981
UNITS SOLD (mil.)								
Total [1]	**1,411**	**1,405**	**1,435**	**1,529**	**1,609**	**1,644**	**1,693**	**1,735**
Hardbound, total	467	459	460	484	512	534	562	595
Softbound, total	944	946	975	1,045	1,097	1,110	1,131	1,140
Trade	272	248	260	287	323	327	389	391
Adult	187	166	176	194	217	226	268	266
Juvenile	85	81	84	93	106	101	121	125
Religious	62	81	94	106	112	108	99	96
Professional	46	44	47	51	50	53	52	52
Bookclubs	196	188	207	212	231	221	211	210
Elhi text	270	257	242	247	252	261	251	253
College text	83	84	84	84	89	92	96	98
Mail order publications	30	33	40	40	43	46	51	60
Mass market paperbacks	443	461	452	494	500	527	534	564
General retailers	533	524	561	618	664	682	736	777
College stores	183	177	187	197	201	189	197	201
Libraries and institutions	59	61	63	66	70	72	73	64
Schools	304	307	289	301	305	319	308	293
Direct to consumers	262	260	289	300	317	320	315	325
Other	70	82	52	47	52	61	63	74
CONSUMER EXPENDITURES (mil. dol.)								
Total [1]	**3,954**	**4,518**	**5,057**	**5,762**	**6,612**	**7,309**	**8,219**	**9,109**
Hardbound, total	2,712	3,011	3,336	3,707	4,247	4,715	5,223	5,787
Softbound, total	1,242	1,507	1,721	2,055	2,365	2,594	2,996	3,322
Trade	697	982	1,071	1,265	1,506	1,629	1,984	2,185
Adult	711	776	859	1,033	1,239	1,345	1,640	1,821
Juvenile	186	206	212	232	267	284	344	364
Religious	206	291	350	401	432	480	516	575
Professional	441	493	565	645	775	868	994	1,099
Bookclubs	287	312	360	396	455	493	524	555
Elhi text	605	663	662	739	817	913	936	996
College text	482	607	665	720	828	926	1,075	1,210
Mail order publications	253	297	378	405	452	499	578	675
Mass market paperbacks	477	588	691	860	965	1,073	1,208	1,398
General retailers	1,150	1,369	1,594	1,889	2,221	2,542	2,028	3,448
College stores	685	812	911	1,047	1,199	1,231	1,437	1,623
Libraries and institutions	323	388	434	486	556	605	660	687
Schools	771	838	846	954	1,053	1,177	1,222	1,269
Direct to consumers	960	1,017	1,203	1,305	1,488	1,659	1,769	1,949
Other	65	93	71	81	95	94	108	133

[1] Includes university press publications not shown separately by type.

Source: Book Industry Study Group, Inc., Darien, Conn., *Book Industry Trends,* 1981. (Copyright.)

No. 393. New Books and New Editions Published, by Subject: 1960 to 1982

[Prior to 1979, book entries comprise all titles submitted for listing in Bowker's *Weekly Record* during calendar year. Beginning 1979, covers listings in year shown, plus titles issued in that year which were listed in following six months. Comprises new books (published for first time) and new editions (with changes in text or format). Excludes government publications; books sold only by subscription; dissertations; periodicals and quarterlies; and pamphlets under 49 pages. 1960 data not strictly comparable with later years due to changes in classifications. See also *Historical Statistics, Colonial Times to 1970*, series R 191-216]

SUBJECT	1960	1965	1970	1975	1979	1980	1981	1982
Total	**15,012**	**28,595**	**36,071**	**39,372**	**45,182**	**42,377**	[1] **48,793**	**46,935**
Agriculture	156	270	265	456	538	461	474	439
Art	470	974	1,169	1,561	2,021	1,691	1,693	1,722
Biography	879	685	1,536	1,968	2,042	1,891	1,860	1,752
Business	305	537	797	820	1,362	1,185	1,342	1,327
Education	348	954	1,178	1,038	1,121	1,011	1,172	1,046
Fiction	2,440	3,241	3,137	3,805	3,264	2,835	5,655	5,419
General reference	282	634	846	1,113	1,471	1,643	1,743	2,398
History	865	1,682	1,995	1,823	2,160	2,220	2,321	2,177
Home economics	197	300	321	728	897	879	1,108	1,099
Juvenile	1,725	2,895	2,640	2,292	3,052	2,859	3,102	3,049
Language	228	527	472	438	560	529	761	576
Law	394	436	604	915	1,218	1,102	1,448	1,451
Literature	736	1,686	3,085	1,904	1,749	1,686	1,777	1,742
Medicine	520	1,218	1,476	2,282	3,257	3,292	3,788	3,229
Music	98	300	404	305	389	357	398	346
Philosophy, psychology	480	979	1,280	1,374	1,377	1,429	1,465	1,465
Poetry, drama	492	994	1,474	1,501	1,361	1,179	1,183	1,049
Religion	1,104	1,855	1,788	1,773	2,325	2,055	2,278	2,075
Science	1,089	2,562	2,358	2,942	3,156	3,109	3,375	3,124
Sociology, economics	754	3,242	5,912	6,590	7,715	7,152	7,801	7,449
Sports, recreation	286	591	799	1,225	1,122	971	1,264	1,191
Technology	698	1,153	1,141	1,720	2,391	2,337	2,313	2,328
Travel	466	883	1,394	794	634	504	472	482

[1] Increase is due largely to a major improvement in the recording of paperbound books.

Source: R. R. Bowker Co., New York, N.Y., *Publishers Weekly*. (Copyright by Xerox Corporation.)

No. 394. Books and Periodicals—Average Retail Prices: 1975 to 1983

[See headnote, table 393]

SUBJECT	HARDCOVER BOOKS (per vol.)				SUBJECT	PERIODICALS [5]			
	1975	1980	1981	1982		1975	1980	1982	1983
Total [1]	**$16.19**	**$24.64**	**$26.63**	**$30.34**	**Total**	**$19.94**	**$34.54**	**$44.80**	**$50.23**
Agriculture	13.72	27.55	31.88	33.54	Agriculture	9.70	15.24	19.76	21.27
Art	17.90	27.70	31.87	31.68	Business and economics	15.26	25.42	32.67	35.67
Biography	14.09	19.77	21.85	22.27	Chemistry and physics	76.84	137.45	177.94	207.94
Business	16.54	22.45	23.09	25.58	Children's periodicals	4.69	7.85	9.90	11.49
Economics [2]	21.65	31.76	29.28	45.12	Education	14.72	23.45	28.18	31.36
Education	10.81	17.01	18.77	20.74	Engineering	26.64	49.15	61.54	73.18
Fiction	8.31	12.46	15.49	13.91	Fine and applied arts	11.09	18.67	23.35	25.17
General reference	21.60	29.84	35.02	37.29	History	11.14	15.77	20.37	22.43
History	15.85	22.78	23.15	26.25	Home economics	14.24	24.63	34.27	35.68
Home economics	10.27	13.31	16.07	16.42	Industrial arts	10.59	20.70	27.13	28.83
Juveniles	5.82	8.16	8.31	8.77	Journalism, communications	14.70	27.34	33.91	37.39
Language	15.80	22.16	22.95	22.85	Labor and industrial relations	7.40	18.84	24.72	29.22
Law	23.22	33.25	36.30	35.61	Law	15.00	23.00	27.53	29.66
Literature	14.89	18.70	19.79	21.40					
Medicine	22.15	34.28	36.47	38.88	Library and information science	14.18	23.25	33.52	36.72
Music	14.83	21.79	25.82	26.42	Literature and languages	10.41	15.30	19.39	21.19
Philosophy, psychology	12.75	21.70	22.41	23.28	Mathematics, botany, geology, and general science	35.95	67.54	87.99	97.26
Poetry and drama	10.76	17.85	19.34	19.96	Medicine	42.38	73.37	102.87	112.82
Religion	11.16	17.61	18.54	17.89	Philosophy and religion	9.05	14.73	17.92	20.21
Science	22.81	37.45	40.63	44.44	Physical education and recreation	7.80	13.83	16.91	19.07
Sports [3]	10.97	15.92	18.82	20.20	Political science	12.79	19.30	25.89	28.97
Technology	19.66	33.64	36.76	44.65	Psychology	27.51	41.95	54.21	59.31
Travel	15.43	16.80	19.55	22.20	Sociology and anthropology	14.85	27.56	36.36	40.54
Paperbacks:					Zoology	27.37	44.58	61.07	70.74
Mass market [4]	1.46	(NA)	2.65	2.93	General interest periodicals	14.36	19.87	23.93	26.43
Trade or other	5.24	8.60	9.76	12.32					

NA Not available. [1] Excludes publications of U.S., and other governmental units; books sold only by subscription and dissertations. [2] Includes sociology. [3] Includes recreation. [4] "Pocket-sized" books sold primarily through magazine and news outlets, supermarkets, variety stores, etc. [5] Average annual subscription prices.

Source: R. R. Bowker Co., New York, N.Y., books, *Publishers Weekly;* Sept. 1983, *The Bowker Annual of Library and Book Trade Information;* periodicals, *Library Journal*, Sept. 1983 and earlier issues. (Copyright by Xerox Corporation.)

No. 395. Books—Imports and Translations into English: 1979 to 1981

[Data on 18 month basis. See headnote, table 393. Imports cover all books printed abroad and distributed in U.S. on exclusive basis]

SUBJECT	IMPORTS			SUBJECT	IMPORTS			LANGUAGE	TRANSLATIONS		
	1979	1980	1981, prel.		1979	1980	1981, prel.		1979	1980	1981, prel.
Imports, total	**5,458**	**5,390**	**3,830**	**Imports—Con.**				**Translations, total**	**1,660**	**1,353**	**1,286**
Agriculture	117	104	65	Law	91	112	82				
Art	230	157	124	Literature	194	183	124				
Biography	173	126	79	Medicine	540	671	455	French	315	228	220
Business	79	74	46	Music	34	35	28	German	300	228	247
Education	169	133	93	Philosophy, psychology	152	218	148	Italian	60	62	59
				Poetry, drama	139	120	97	Oriental	75	51	61
Fiction	71	71	56	Religion	136	94	73	Russian	159	106	81
General works	150	132	104	Science	890	1,069	752	Scandinavian	35	38	31
History	299	296	186	Sociology, economics	1,236	1,050	835	Spanish	61	40	49
Home economics	51	40	9	Sports, recreation	125	85	52	Other	655	600	538
Juvenile	43	58	32	Technical books	328	373	283				
Language	137	134	75	Travel	74	55	32				

Source: R. R. Bowker Co., New York, N.Y., *Publishers Weekly*, March 12, 1982. (Copyright by Xerox Corporation.)

No. 396. Phonograph Records and Magnetic Tapes—Summary: 1975 to 1982

[Domestic shipments based on reports of manufacturers representing more than 85 percent of the market. Domestic value data based on list prices of records and tapes]

TYPE OF RECORD OR TAPE	NUMBER (mil.)						VALUE (mil. dol.)					
	1975	1978	1979	1980	1981	1982	1975	1978	1979	1980	1981	1982
Domestic shipments, total	**533**	**726**	**701**	**684**	**635**	**576**	**2,391**	**4,131**	**3,685**	**3,863**	**3,970**	**3,592**
Phonograph records	421	531	514	487	450	379	1,696	2,734	2,411	2,560	2,598	2,177
Long-playing albums	257	341	318	323	295	242	1,485	2,473	2,136	2,291	2,342	1,894
Singles	164	190	196	164	155	137	212	260	275	270	256	283
Pre-recorded tapes	[1] 112	195	188	197	186	197	[1] 695	1,398	1,274	1,303	1,372	1,415
8-track cartridges	95	134	105	87	49	14	583	948	669	527	309	36
Cassettes	16	61	83	110	137	183	99	450	605	777	1,063	1,379
Imports for consumption [2]	**16**	(NA)	**188**	**214**	**249**	**298**	**61**	**161**	**188**	**221**	**276**	**308**
Phonograph records	9	(NA)	19	18	23	24	12	37	32	34	49	51
Pre-recorded tapes	7	29	22	20	20	36	3	10	9	13	11	23
Blank tapes	–	147	147	176	206	238	46	114	147	174	216	234

– Represents zero. NA Not available. [1] Includes quadraphonic and reel-to-reel tapes. [2] Source: U.S. Bureau of the Census, *U.S. Imports for Consumption and General Imports*, Report FT 246, annual. Number represents net quantity imported. For 1975–1981 value reported on f.a.s. (free alongside ship) transaction basis; beginning 1982, customs value basis.

Source: Except as noted, Recording Industry Association of America, Inc., New York, N.Y., press release.

No. 397. Video Games—Summary for Coin-Operated and Household Units: 1977 to 1982

ITEM	Unit	1977	1978	1979	1980	1981	1982
Coin-operated video games in operation	1,000	(NA)	(NA)	(NA)	580.0	1,005.0	1,220.0
In arcades	1,000	(NA)	(NA)	(NA)	170.0	270.0	370.0
Other primary locations [1]	1,000	(NA)	(NA)	(NA)	40.0	60.0	80.0
Street locations [2]	1,000	(NA)	(NA)	(NA)	370.0	6750	770.0
Households with video game consoles [3]	Millions	.7	1.4	2.4	3.6	7.5	14.1
Percent of total households with television	Percent	.9	1.8	2.9	4.5	9.2	17.0
Industry shipments of [4] —							
Consumer video game consoles	Millions	.5	.7	.9	2.0	5.5	9.5
Video game cartridges	Millions	1.1	2.7	4.1	9.6	35.0	83.8
Computer game software units	Millions	(NA)	(NA)	(NA)	(NA)	1.5	7.2
Coin-operated video games	1,000	50.0	70.0	106.7	232.0	486.3	480.0
Industry revenues for [4] —							
Consumer video game consoles	Mil. dol	63.0	109.5	152.0	237.0	710.0	1,175.0
Video game cartridges	Mil. dol	14.0	36.3	53.9	141.4	547.0	1,360.0
Computer game software units	Mil. dol	(NA)	(NA)	(NA)	(NA)	25.0	115.0
Coin-operated video games	Mil. dol	75.0	110.2	177.1	432.2	978.8	1,018.5

NA Not available. [1] Includes restaurants, casino hotels and other game rooms. [2] Includes airports, rail and bus depots, hotels, gas stations, etc. [3] Includes home computers with game-playing capability. [4] Includes shipments to and revenues from non-U.S. sources.

Source: Amusement and Music Operators Association, Oak Brook, Ill., unpublished data.

No. 398. Household Participation in Leisure Time Activities, by Selected Type: 1983

[As of mid-July 1983. Based on national sample survey of 1,500 households conducted by the Gallup Organization, Inc.]

TYPE OF ACTIVITY	Number (mil.)	Percent [1]	TYPE OF ACTIVITY	Number (mil.)	Percent [1]	TYPE OF ACTIVITY	Number (mil)	Percent [1]
Watching television	68	81	Camping	17	20	Golf	10	12
Listening to music	54	64	Vacation trips in U.S.	29	34	Swimming in own pool	7	8
Sewing/needlepoint	27	32	Bicycling	19	22	Horseback riding	8	9
Going to the movies	36	42	Tennis	10	12	Racquetball	6	7
Vegetable gardening	35	42	Workshop/home repair	25	29	Skiing (downhill)	5	6
Pleasure trips in cars	37	44	Jogging	16	19	Boating (power)	8	10
General exercise/ Physical fitness	26	31	Bowling	17	20	Vacation trips outside U.S.	5	6
Watching professional sports (TV)	33	39	Hunting	14	16	Snowmobiling	3	4
Fishing	26	31	Photography	17	20	Cross-country skiing	3	4
			Hiking	12	14	Archery	3	4

[1] Percent of all households.

Source: Gardens for All, The National Association for Gardening, Burlington, Vt., *National Gardening Survey*, unpublished data.

No. 399. Home Gardening—Summary: 1975 to 1982

[Based on national sample survey conducted by the Gallup Organization. Prior to 1981, survey respondents were questioned only about their own gardening activities. In 1981 and 1982, respondents were questioned about activities of all household members. For the 1982 survey a total of 3,032 adults were interviewed. Subject to sampling variability; see source]

ITEM	1975	1980	1981	1982	CHARACTERISTIC OF RESPONDENT	1982, PERCENT WITH—		
						Vegetable garden	Flower garden	Lawn care
Households with vegetable gardens (mil.)	35	34	38	38	18–29 years old	39	42	59
Percent of total	49	43	47	46	30–49 years old	46	55	69
					50 years and over	50	52	61
Median size of garden (sq. ft.)	540	663	547	600	Northeast	41	46	55
Median yield per garden (dol.)	258	460	414	470	North Central	58	59	75
Median cost per garden (dol.)	16	19	25	20	South	39	45	61
Percent of households—					West	44	52	63
With flower gardens	39	37	47	50	Central city	31	40	47
Engaged in lawn care	56	52	65	63	Suburb	44	53	67
Growing fruits or berries	12	21	30	35	Small town	45	49	71
With indoor houseplants	40	40	51	48	Rural	62	59	73

Source: Gardens for All, The National Association for Gardening, Burlington, Vt., *National Gardening Survey*, annual. (Copyright.)

No. 400. Sport Fishing and Hunting Licenses—Number and Cost: 1960 to 1981

[For years ending June 30 except, beginning 1977, ending Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series H 875-876]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
Fishing licenses: Sales	**Million**	**23.3**	**25.0**	**31.1**	**34.7**	**34.9**	**34.0**	**32.8**	**35.4**	**35.2**	**37.9**
Resident	Million	20.2	21.6	26.8	30.0	29.8	29.0	27.9	30.3	30.1	32.6
Nonresident	Million	3.1	3.4	4.3	4.7	5.1	5.0	4.9	5.1	5.1	5.3
Paid license holders [1]	Million	19.1	20.5	24.4	27.5	27.8	27.3	26.2	27.9	28.0	29.3
Cost to anglers	Mil. dol	52	63	91	142	155	156	159	174	196	213
Hunting licenses: Sales	**Million**	**18.4**	**19.4**	**22.2**	**25.9**	**25.2**	**25.4**	**25.8**	**26.4**	**27.0**	**27.9**
Resident	Million	17.8	18.5	21.0	24.7	24.0	24.1	24.4	25.0	25.6	26.4
Nonresident	Million	.6	.9	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5
Paid license holders [1]	Million	[2] 11.8	14.3	15.4	16.6	16.3	16.2	16.3	16.6	16.3	16.6
Cost to hunters	Mil. dol	61	75	102	155	164	173	185	199	222	242
Federal duck stamps sold	1,000	**1,629**	**1,566**	**2,072**	**2,222**	**2,219**	**2,197**	**2,209**	**2,216**	**2,090**	**2,045**

[1] Resident and nonresident. Includes multiple counting of license holders who bought nonresident licenses as well as a home state license. [2] Excludes Colo., Mich., Minn., and Wis.

Source: U.S. Fish and Wildlife Service, *Federal Aid in Fish and Wildlife Restoration*, annual.

No. 401. Sport Fishermen and Hunters—Number and Expenditures: 1960 to 1980

[**Persons 12 years old and over.** Based on sample surveys; for more information on methodology, see source]

Activity	Number (1,000)					Expenditures (mil. dol.)				
	1960	1965	1970	1975	1980	1960	1965	1970	1975	1980
Total population	**131,226**	**141,928**	**155,230**	**171,860**	**184,691**	(x)	(x)	(x)	(x)	(x)
Sportsmen [1]	30,435	32,881	36,277	45,773	46,966	3,852	4,046	7,102	16,768	[2] 27,214
Fishermen [1]	25,323	26,348	33,158	41,299	41,873	2,691	2,925	4,959	11,798	18,052
Freshwater	21,677	23,962	29,363	36,599	37,081	2,065	2,126	3,734	8,702	14,441
Saltwater	6,292	8,305	9,460	13,738	13,332	626	800	1,225	3,095	3,611
Hunters [1]	14,637	13,583	14,336	17,094	16,758	1,161	1,121	2,143	4,971	8,936
Small game	12,105	10,576	11,671	14,182	14,643	726	615	946	2,272	2,930
Big game	6,277	6,566	7,774	11,037	12,632	346	419	953	2,128	5,246
Waterfowl	1,955	1,650	2,694	4,284	3,190	89	87	244	570	761

X Not applicable. [1] See footnote 1, table 402. [2] Includes multipurpose licenses issued in 1980.

No. 402. Participation in Wildlife-Associated Recreation Activities—Selected Characteristics: 1980

[Primary nonresidential activities include trips or outings of at least 1 mile from home for the primary purpose of observing, photographing, or feeding wildlife; trips to zoos, circuses, aquariums and museums. Primary residential activities occur around the home and include observing, photographing, feeding, maintaining natural areas and plantings, and visiting public parks within 1 mile of home. Based on a sample survey; for more information on methodology, see source. For composition of divisions, see fig. I, inside front cover]

Characteristic	U.S. population (1,000)	Fished or hunted		Primary nonconsumptive activity in wildlife-associated recreation					
				Primary participants [1]		Nonresidential participants		Residential participants	
		Number (1,000)	Percent of population	Number (1,000)	Percent of population	Number (1,000)	Percent of population	Number (1,000)	Percent of population
6 YEARS AND OVER									
Total persons	**205,255**	**58,854**	**29**	**94,615**	**46**	**34,112**	**17**	**88,631**	**43**
6-15 years	35,313	12,141	34	11,442	32	5,290	15	8,961	25
16 years and over	169,942	46,713	27	83,173	49	28,822	17	79,670	47
16-17 years	8,612	2,761	32	3,346	39	1,383	16	3,229	38
18-24 years	28,546	8,627	30	11,976	42	5,960	21	10,967	38
25-34 years	37,742	13,022	35	21,355	57	9,236	25	20,154	53
35-44 years	26,117	8,413	32	13,763	53	4,796	18	13,172	50
45-54 years	22,555	5,981	27	10,906	48	3,340	15	10,575	47
55-64 years	21,723	4,683	22	10,801	50	2,482	11	10,663	49
65 years and over	24,648	3,226	13	11,025	45	1,625	7	10,909	44
16 YEARS AND OVER									
Male	80,753	33,243	41	39,152	49	14,911	19	37,012	46
Female	89,190	13,469	15	44,021	49	13,912	16	42,657	48
White	146,999	43,161	29	77,163	53	27,347	19	73,926	50
Black	18,175	2,709	15	4,693	26	961	5	4,511	25
Other races	4,768	843	18	1,316	28	514	11	1,233	26
Census divisions:									
New England	9,362	1,900	20	5,047	54	1,657	18	4,952	53
Middle Atlantic	27,867	5,044	18	12,348	44	4,111	15	11,872	43
East North Central	30,791	8,713	28	18,539	60	6,099	20	17,936	58
West North Central	12,774	4,718	37	7,357	58	3,000	24	6,783	53
South Atlantic	28,066	7,902	28	11,562	41	3,739	13	11,270	40
East South Central	10,792	3,651	34	4,294	40	1,173	11	4,117	38
West South Central	17,550	5,800	33	7,105	41	1,842	11	6,837	39
Mountain	8,415	2,808	33	4,574	54	2,125	25	4,133	49
Pacific	24,326	6,177	25	12,347	51	5,076	21	11,770	48
Household income:									
Under $5,000	12,997	2,177	17	4,836	37	1,495	12	4,644	36
$5,000-$9,999	22,876	4,883	21	9,408	41	2,327	10	9,067	40
$10,000-$14,999	21,210	6,133	29	10,278	49	3,802	18	9,688	46
$15,000-$19,999	19,310	6,116	32	9,797	51	3,447	18	9,497	49
$20,000-$24,999	21,966	7,754	35	13,180	60	4,999	23	12,412	57
25,000-$29,999	16,379	5,848	36	8,968	55	3,572	22	8,641	53
$30,000-$49,999	19,428	6,574	34	11,517	59	4,312	22	11,069	57
$50,000 and over	5,854	1,691	29	3,174	54	1,171	20	3,014	52
Not reported	29,923	5,536	19	12,015	40	3,697	12	11,637	39

[1] Individuals may participate in more than one form of wildlife-related activity; therefore the sum of the component parts will be greater than the number of participants.

Source of tables 401 and 402: U.S. Fish and Wildlife service and U.S. Bureau of the Census, *1980 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation*, 1982.

No. 403. Selected Recreational Activities: 1970 to 1982

[See also *Historical Statistics, Colonial Times to 1970*, series H 862-864, H 871, H 874, and H 877]

Activity	Unit	1970	1975	1978	1979	1980	1981	1982
Softball, amateur: [1]								
Total participants [2]	Million	16	26	29	30	30	30	30
Youth participants	1,000	255	450	570	600	650	685	690
Adult teams [3]	1,000	29	66	92	102	110	117	133
Youth teams [3]	1,000	2	9	14	15	18	20	22
Golfers (15 rounds or more) [4]	1,000	9,700	12,036	12,655	12,870	13,000	13,650	14,100
Golf courses [5]	Number	10,188	12,306	12,684	12,788	12,849	12,894	13,013
9-hole	Number	5,343	6,024	5,985	6,001	5,993	5,950	5,954
18-hole and larger	Number	4,845	6,282	6,699	6,787	6,856	6,944	7,059
Classification:								
Private	Number	4,619	5,085	5,168	5,146	5,151	5,103	5,123
Daily fee	Number	4,248	5,473	5,622	5,702	5,741	5,802	5,871
Municipal	Number	1,321	1,748	1,894	1,940	1,957	1,989	2,019
Tennis: [6] Players	1,000	10,655	[7] [8] 29,201	[7] 31,217	[7] 32,271	(NA)	(NA)	[7] 25,450
Indoor	1,000	(NA)	[7] [8] 4,072	(NA)	5,760	(NA)	(NA)	[7] 4,015
Tennis courts	1,000	(NA)	130.0	(NA)	160.0	(NA)	180.0	(NA)
Indoor	1,000	(NA)	7.8	(NA)	11.9	(NA)	11.2	(NA)
Tenpin bowling: [9]								
Establishments	Number	9,140	8,577	8,698	8,699	8,591	8,528	8,481
Lanes	1,000	141	141	152	154	154	154	154
Membership, total [10]	1,000	7,733	8,751	9,717	9,649	9,595	9,621	9,550
American Bowling Congress	1,000	4,210	4,300	4,686	4,662	4,688	4,645	4,685
Women's Bowling Congress	1,000	2,988	3,692	4,177	4,163	4,118	4,049	4,065
Young American Bowling Alliance [11]	1,000	535	759	854	824	789	927	800
Motion picture theaters [12] [13]	1,000	14	15	16	17	18	18	18
Four-wall	1,000	10	11	13	13	14	15	15
Drive-in	1,000	4	4	3	4	4	3	3
Receipts, box office	Mil. dol	1,225	2,115	2,643	2,821	2,749	2,966	3,453
Admission, average price	Dollars	1.55	2.05	2.34	2.52	2.69	2.78	2.94
Bicycles: [14]								
Domestic shipments	Million	5.0	5.6	7.5	9.0	7.0	6.8	5.2
Imports	Million	1.9	1.7	1.9	1.8	2.0	2.1	1.6
Boating: [15]								
Recreational boats owned	Million	8.8	9.7	11.3	11.6	11.8	12.5	12.9
Outboard boats	Million	5.2	5.7	6.6	6.7	6.8	7.0	7.1
Inboard boats	Million	.6	.8	1.1	1.3	1.2	1.2	1.3
Sailboats	Million	.6	.8	.9	.9	1.0	1.0	1.1
Canoes	Million	2.4	2.4	2.7	1.2	1.3	1.4	1.5
Rowboats and other	Million				1.5	1.5	1.9	1.9
Expenditures, total [16]	Bil. dol	3.4	4.8	6.7	7.5	7.4	8.3	8.1
Outboard motors in use	1,000	7,215	7,649	7,880	7,958	8,241	8,527	8,776
Motors sold	1,000	430	435	450	375	315	318	293
Value, retail	Mil. dol	281	411	634	597	554	698	759
Outboard boats sold	1,000	276	328	331	322	290	281	236
Value, retail	Mil. dol	177	263	430	469	408	431	409
Inboard/outdrive boats sold	1,000	43	70	90	89	56	51	55
Value, retail	Mil. dol	182	420	819	827	616	653	686
Snowmobiles: [17]								
Factory sales	1,000	172	144	155	115	105	95	80
Apparent consumption [18]	1,000	405	145	183	167	129	112	108

NA Not available. [1] Source: Amateur Softball Association, Oklahoma City, Okla. [2] Amateur Softball Association teams and other amateur softball teams. [3] Amateur Softball Association teams only. [4] Source: National Golf Foundation, North Palm Beach, Fla. [5] Prior to 1975, figures represent facilities. [6] Source: U.S. Tennis Association, Princeton, N.J. [7] Survey by A. C. Nielsen Co. [8] 1976 data. [9] Source: American Bowling Congress, Greendale, Wis. Season ending in year shown. [10] Beginning 1978, covers members in U.S. only. [11] Prior to 1982, represents American Jr. Bowling Congress and ABC/WIBC Collegiate Division. [12] Source: Motion Picture Association of America, Inc., New York, N.Y. [13] Prior to 1975, figures represent theaters; thereafter, screens. [14] Source: Bicycle Manufacturers Association of America, Inc., Washington, D.C. [15] Source: National Marine Manufacturers Association, Chicago, Ill. [16] Represents estimated expenditures for new and used boats, motors, accessories, safety equipment, fuel, insurance, docking, maintenance, storage, repairs, and other expenses. [17] Source: U.S. International Trade Commission. Estimated. [18] Factory sales plus imports minus exports.

Source: Compiled from sources listed in footnotes.

NO. 404. SELECTED SPECTATOR SPORTS: 1970 TO 1982

[See also *Historical Statistics, Colonial Times to 1970*, series H 865-870 and H 872]

SPORT	Unit	1970	1975	1978	1979	1980	1981	1982
Baseball, major leagues: [1] [2]								
Attendance	1,000	29,191	30,373	41,402	44,262	43,746	[3] 27,285	45,415
Regular season	1,000	28,747	29,789	40,637	43,550	43,014	[3] 26,544	44,587
National League	1,000	16,662	16,600	20,107	21,178	21,124	[3] 12,478	21,507
American League	1,000	12,085	13,189	20,530	22,372	21,890	[3] 14,066	23,080
Playoffs	1,000	191	276	428	344	407	403	443
World Series	1,000	253	308	337	368	325	338	385
Basketball: [4]								
College: [5] Teams	Number	(NA)	(NA)	1,253	1,240	1,258	1,275	1,264
Attendance	1,000	(NA)	(NA)	29,104	30,025	30,692	30,935	31,106
Professional, attendance [1] [6]	1,000	[7] 7,113	[7] 10,954	10,672	10,665	10,677	10,235	10,732
Football:								
College: [5] Teams	Number	617	634	643	643	642	648	649
Attendance	1,000	29,466	31,688	34,252	35,020	35,541	35,807	36,539
Pro: [8] Total attendance	1,000	10,071	10,769	13,476	13,916	14,092	14,326	[3] 8,504
Regular season	1,000	9,533	10,213	12,771	13,182	13,392	13,607	[3] 7,367
Average per game	Number	52,381	56,116	57,017	58,848	59,787	60,745	58,472
Postseason games [9]	1,000	538	556	704	734	700	719	[3] 1,137
North American Soccer League: [10]								
Teams	Number	6	20	24	24	24	21	14
Attendance	1,000	(NA)	1,825	5,351	5,800	6,194	5,429	3,229
National Hockey League: [4] [11]								
Regular season attendance	1,000	5,992	9,522	8,526	8,333	[12] 10,534	10,726	10,710
Playoffs attendance	1,000	462	784	686	694	[12] 977	966	1,058
World Hockey Association: [4] [13]								
Regular season attendance	1,000	(X)	4,096	2,890	2,193	([12])	([12])	([12])
Playoffs attendance	1,000	(X)	336	231	186	([12])	([12])	([12])
Horseracing: [14] [15] Racing days	Number	9,962	13,110	13,147	13,160	13,133	13,464	13,523
Attendance	1,000	69,704	78,662	75,324	72,783	74,690	75,463	76,858
Parimutuel turnover	Mil. dol.	5,977	7,862	10,029	10,728	11,218	11,677	11,888
Revenue to government	Mil. dol.	486	582	673	681	713	680	653
Greyhound: [14] Racing days	Number	3,023	3,960	5,501	6,110	5,855	6,379	6,499
Attendance	1,000	12,660	17,458	20,272	21,127	20,874	21,424	21,375
Parimutuel turnover	Mil. dol.	730	1,261	1,746	1,985	2,064	2,173	2,179
Revenue to government	Mil. dol.	53	91	128	145	152	152	160

NA Not available. X Not applicable. [1] Excludes Alaska and Hawaii. [2] Source: The National League of Professional Baseball Clubs, New York, N.Y., *National League Green Book*; and The American League of Professional Baseball Clubs, New York, N.Y., *American League Red Book*. [3] Season was interrupted by strike. [4] Season ending in year shown. [5] Source: National Collegiate Athletic Assn., Mission, Kans. [6] Source: National Basketball Assn., New York, N.Y. Includes playoffs. [7] Includes American Basketball Assn., which, beginning 1977, ceased operation. [8] Source: National Football League, New York, N.Y. [9] Includes Pro Bowl, a non-championship game and Super Bowl. [10] Source: North American Soccer League, New York, N.Y. [11] Source: National Hockey League, Montreal, Quebec. [12] World Hockey Association ceased operation after 1978-1979 season. Four former WHA teams joined NHL in 1979-1980 season. [13] Source: The World Hockey Assn., Hartford, Conn. [14] Source: National Assn. of State Racing Commissioners, Lexington, Ky. [15] Includes thoroughbred, harness, quarter horse, and fairs.

Source: Compiled from sources listed in footnotes.

NO. 405. FINANCIAL SUPPORT OF THE ARTS BY PRIVATE BUSINESS—SUMMARY: 1967 TO 1979

[Based on a sample survey of business organizations listed in Dun & Bradstreet's Million Dollar Directory and Middle Market Directory. For 1979, 1,343 of 17,172 companies responded. Subject to sampling variability; contact source for details]

YEAR	TOTAL SUPPORT (mil. dol.)		TYPE OF ART FORM	PERCENT OF CONTRIBUTORS SUPPORTING—			PERCENT OF TOTAL SUPPORT GIVEN TO—		
	Current dollars	Constant (1970) dollars		1973	1976	1979	1973	1976	1979
1967	22	26	Museums	20	53	56	18	22	19
1970	68	68	Symphony orchestras	27	68	69	13	12	12
1973	144	126	Public radio, television	11	36	35	11	19	11
1976	221	151	Art or cultural centers	15	34	37	9	9	10
1979	436	233	Art funds, councils	13	33	36	7	5	7
			Theaters	11	42	51	3	7	7
			Art exhibits	5	14	15	4	1	5

Source: Business Committee for the Arts, Inc., New York, N.Y., press release.

NO. 406. FEDERAL AID TO THE ARTS AND HUMANITIES: 1970 TO 1982

[In millions of dollars, except as indicated. For years ending June 30 except, beginning 1977, ending Sept. 30]

TYPE OF FUND AND PROGRAM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
National Endowment for the Arts:										
Funds available [1]	15.7	71.8	86.9	95.6	114.5	142.0	179.6	188.1	186.8	133.4
Program appropriation	6.3	54.3	67.3	74.5	77.5	89.1	102.1	97.0	113.9	103.3
Non-Federal gifts [2]	2.0	7.3	7.7	7.5	16.5	25.5	37.5	42.9	34.9	30.6
Matching funds [3]	2.0	6.5	7.5	7.5	16.5	25.5	37.5	42.9	34.8	30.6
Grants awarded (number)	556	2,957	3,071	4,325	4,302	4,225	5,090	5,651	6,597	5,090
Funds obligated	12.9	67.6	81.7	92.6	112.6	141.9	178.4	166.4	150.6	132.0
Music	2.5	16.1	14.9	17.2	17.3	19.5	16.4	13.6	16.2	14.1
State arts agencies	1.9	10.6	14.7	15.6	16.3	18.9	22.8	22.1	23.7	21.3
Museums	(NA)	9.0	10.8	11.4	10.9	12.4	11.6	11.2	13.2	11.5
Theater	2.8	5.0	6.4	6.3	6.9	7.5	8.3	8.4	10.8	9.6
Dance	1.7	3.9	6.1	5.6	6.0	7.0	8.1	8.0	9.1	8.4
Public media	.2	4.9	5.4	9.3	8.0	9.0	9.4	8.4	12.8	10.1
Challenge [4]	(X)	(X)	(X)	(X)	18.0	36.0	59.8	50.8	14.9	14.4
Other	3.8	18.3	23.3	27.2	29.2	31.7	42.0	43.8	49.9	42.5
National Endowment for the Humanities:										
Funds available [1]	13.0	65.6	86.0	98.8	124.3	137.8	186.9	186.2	144.4	[5] 121.0
Program appropriation	6.1	44.5	67.3	72.0	77.5	87.8	98.3	100.3	106.5	90.4
Non-Federal gifts [2]	2.0	6.5	6.5	7.5	16.0	25.0	36.5	38.4	(X)	(X)
Matching funds [3]	2.0	6.5	6.5	7.5	16.0	25.0	36.5	38.4	33.5	28.8
Grants awarded (number)	542	1,293	1,330	1,614	2,045	2,701	2,599	2,917	2,760	2,143
Funds obligated	10.5	60.2	73.1	86.6	116.8	149.0	185.1	185.5	144.4	115.8
Education programs	4.2	17.1	17.1	20.0	20.1	19.8	20.0	18.3	17.3	12.9
State programs	(X)	(X)	(X)	(X)	19.9	20.5	24.7	26.0	26.0	22.8
Research grants	2.0	13.7	13.4	18.6	22.2	26.3	32.2	32.0	25.5	25.7
Fellowship program	1.7	7.5	10.9	11.7	13.2	15.5	16.8	18.0	17.5	16.5
Public programs	1.7	19.0	26.3	31.2	15.7	19.4	23.7	25.1	21.5	(X)
Special programs and planning	.9	2.9	5.5	5.1	6.6	7.9	12.1	12.6	12.5	(X)
Challenge [4]	(X)	(X)	(X)	(X)	19.1	39.5	55.6	53.5	24.0	20.7
General programs	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	16.2
Planning	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	.9

NA Not available. X Not applicable. [1] Includes other funds, not shown separately. Excludes administrative funds. Gifts are included through 1980; excluded thereafter, which release a like amount in Federal funds. [2] Gifts received by the Endowment for the support of a cultural organization, [3] Represents Federal funds appropriated only upon receipt or certification by Endowment of matching non-Federal gifts. [4] Program designed to stimulate new sources and higher levels of giving to institutions for the purpose of guaranteeing long-term stability and financial independence. Program requires a match of 3 private dollars to each Federal dollar. Funds for Challenge grants are not allocated by program area because they are awarded on a grant-by-grant basis. [5] Includes $5.2 million reappropriated to challenge grants in 1983.

Source: U.S. National Endowment for the Arts, *Annual Report;* and U.S. National Endowment for the Humanities, *Annual Report.*

NO. 407. STATE LEGISLATIVE APPROPRIATIONS FOR STATE ARTS AGENCIES: 1975 TO 1983

[For fiscal years ending in year shown. Fiscal years for most States ended June 30]

STATE	1975, total ($1,000)	1980, total ($1,000)	1982, total ($1,000)	1983		STATE	1975, total ($1,000)	1980, total ($1,000)	1982, total ($1,000)	1983	
				Total ($1,000)	Per capita [1] (cents)					Total ($1,000)	Per capita [1] (cents)
Total	**58,152**	**101,029**	**121,105**	**125,031**	(X)	N.H.	45	153	50	93	10.0
Ala.	125	525	524	540	13.8	N.J.	793	3,333	3,039	3,500	47.3
Alaska	216	1,675	4,722	4,976	1,207.7	N. Mex.	65	203	409	521	39.2
Ariz.	83	233	433	419	15.0	N.Y.	35,653	33,285	35,425	35,340	200.8
Ark.	167	846	753	743	32.4	N.C.	222	1,379	2,422	2,613	43.9
Calf.	1,000	7,891	12,800	11,500	47.5	N. Dak.	5	101	144	131	19.9
Colo.	1,251	609	772	846	28.5	Ohio	976	4,709	5,544	5,024	46.6
Conn.	394	1,305	878	904	28.8	Okla.	95	552	1,193	1,774	57.2
Del.	43	123	396	428	71.6	Oreg.	53	335	369	342	12.9
D.C.	30	356	784	882	139.8	Pa.	1,490	2,594	4,006	4,758	40.1
Fla.	399	2,378	3,832	3,998	39.3	R.I.	267	359	394	395	41.5
Ga.	102	1,102	1,632	1,563	28.0	S.C.	596	941	1,070	1,338	42.2
Hawaii	599	1,545	1,533	1,586	161.6	S. Dak.	85	155	167	199	29.0
Idaho	23	86	101	103	10.8	Tenn.	412	517	483	482	10.4
Ill.	925	2,246	2,845	2,752	24.0	Tex.	160	1,215	1,481	1,803	12.2
Ind.	161	1,277	1,294	1,294	23.7	Utah	268	1,088	1,236	1,298	85.5
Iowa	71	313	305	374	12.9	Vt.	50	108	162	185	35.8
Kans.	79	262	381	411	17.2	Va.	265	1,230	1,301	1,401	25.8
Ky.	226	857	1,228	1,333	36.4	Wash.	246	579	536	607	14.4
La.	60	857	2,021	1,978	45.9	W. Va.	360	1,563	2,009	1,808	92.6
Maine	163	180	207	217	19.2	Wis.	60	719	799	818	17.2
Md.	450	1,345	1,324	1,811	42.5	Wyo.	15	63	88	143	29.1
Mass.	1,600	2,300	4,000	5,500	95.3						
Mich.	2,109	6,076	5,156	5,617	61.0	Am. Samoa	60	43	80	48	147.1
Minn.	300	2,845	2,052	1,542	37.7	Guam	37	74	84	92	86.5
Miss.	113	307	440	435	17.2	No. Marianas	–	–	10	30	178.8
Mo.	1,249	2,531	2,346	2,494	50.5	P.R.	3,605	4,980	5,021	5,192	162.4
Mont.	28	93	129	139	17.6	V.I.	160	103	137	151	156.2
Nebr.	129	399	459	466	29.6						
Nev.	15	87	101	94	11.2						

– Represents zero. X Not applicable. [1] Based on enumerated resident population as of July 1, 1981.

Source: National Assembly of State Arts Agencies, Washington, D.C., unpublished data.

No. 408. Performing Arts—Selected Data: 1960 to 1982

[Receipts and expenditures in millions of dollars. For season ending in year shown, except as indicated]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Legitimate theater: [1]											
Broadway shows:											
New productions	58	67	62	59	62	63	54	47	67	48	49
Playing weeks [2] [3]	1,156	1,250	1,047	1,101	1,136	1,947	1,360	1,472	1,545	1,461	1,259
Number of tickets sold (1,000)	(NA)	(NA)	(NA)	(NA)	7,181	8,815	8,621	9,115	10,822	10,694	8,102
Gross box office receipts	45.7	50.5	53.3	57.4	70.8	93.4	103.8	128.1	194.4	221.2	203.1
Road shows:											
Playing weeks [3]	728	643	1,024	799	814	987	1,025	1,192	1,343	1,317	990
Gross box office receipts	27.3	25.9	48.0	50.9	52.6	82.6	105.6	143.9	218.9	249.5	184.3
Opera companies [4]	**754**	**732**	**648**	**807**	**913**	**914**	**956**	**966**	**986**	**1,019**	**993**
Major	(NA)	27	35	54	65	68	78	95	109	127	133
Expenditures	(NA)	(NA)	36.5	(NA)	71.8	79.7	96.3	111.5	133.6	161.6	191.1
Other companies	403	296	266	335	412	424	458	456	458	456	416
Workshops	351	409	347	418	436	422	420	415	419	436	444
Opera performances	4,232	4,176	4,779	6,428	7,109	7,389	7,606	8,554	9,391	9,683	9,510
Opera performed	287	331	341	387	427	427	448	498	497	559	571
Musical performances	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	906	1,430	1,397	2,251	2,233
Musicals performed	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	43	72	104	118	122
World premieres	(NA)	(NA)	17	16	45	33	42	64	79	88	94
Attendance (mil.)	(NA)	(NA)	4.6	8.0	8.9	9.2	9.8	9.9	10.7	11.1	10.1
Symphony orchestras [5]	**1,226**	**1,385**	**1,441**	**1,463**	**1,410**	**1,453**	**1,470**	**1,540**	**1,572**	**1,572**	**1,572**
College	250	290	298	300	356	356	278	379	385	385	385
Community [6]	933	1,032	1,019	1,003	872	888	950	909	926	926	919
Urban	(7)	(7)	24	41	56	69	76	78	85	85	94
Metropolitan	18	36	72	90	79	86	106	113	115	115	110
Regional	(8)	(8)	(8)	(8)	16	23	29	29	29	30	34
Major	25	25	28	29	31	31	31	31	32	31	30
Concerts	(NA)	5,558	6,599	14,171	14,776	17,421	18,027	22,096	22,229	19,327	19,204
Attendance (mil.)	(NA)	11.6	12.7	18.3	20.0	21.0	21.4	22.4	22.6	22.8	22.0
Gross income	(NA)	52.0	73.3	124.5	137.0	154.1	178.1	216.8	246.3	288.9	325.5
Earned income	(NA)	(NA)	43.1	70.9	78.3	89.0	102.5	122.6	141.2	163.3	187.6
Contributed income	(NA)	(NA)	30.2	53.6	58.7	65.1	75.6	94.2	105.1	125.6	137.9
Gross expenses	(NA)	53.0	76.4	129.5	141.5	160.9	183.1	221.0	252.1	289.3	315.3

NA Not available. [1] Source: *Variety*, New York, N.Y., June 1, 1983 issue (copyright). [2] All shows (new productions and holdovers from previous seasons). [3] Eight performances constitute one playing week. [4] Source: Central Opera Service, New York, N.Y., *Central Opera Service Bulletin*, periodic. Major companies have annual budgets of $100,000 or more and issue American Guild of Musical Artists (AGMA) contracts to soloists. Workshops are primarily college and university opera groups. [5] Source: American Symphony Orchestra League, Inc., Washington, D.C. For years ending Aug. 31. Orchestras other than college groups are principally defined by their annual budgets: As of 1982, community, under $100,000; urban, $100,000-$225,000; metropolitan, $225,000-$850,000; regional, $850,000-$3,000,000; and major, over $3,000,000. Prior to 1982, other budget classifications were in effect. [6] Beginning 1978, includes youth and chamber groups with budgets under $70,000. [7] Classification began in 1967. [8] Classification began in 1976.

Source: Compiled from sources listed in footnotes.

No. 409. Nonprofit Museums—Selected Characteristics, by Type of Museum: 1979

[For fiscal years of museums ending in 1979. Based on a sample of 1,373 nonprofit museums. Subject to sampling variability; see source]

ITEM	Unit	Total	History	Science	Art	General	Specialized	Park and visitor centers	Children's and junior
Museums	**Number**	**4,408**	**2,204**	**800**	**609**	**382**	**197**	**165**	**51**
Percent with general admission fee	Percent	31.8	33.3	38.8	15.9	24.8	61.5	14.8	40.7
Private nonprofit institution	Number	2,354	1,335	273	367	193	140	15	32
Government	Number	1,466	746	323	73	131	45	145	5
Educational institution	Number	476	48	188	166	51	13	1	12
Other	Number	115	77	17	5	8	1	6	2
Operating income	**Mil. dol**	**1,088**	**261**	**380**	**294**	**88**	**27**	**30**	**8**
Earned income	Mil. dol	460	101	160	143	31	16	5	3
Federal government	Mil. dol	148	48	52	25	8	1	13	1
State government	Mil. dol	126	67	25	14	14	1	4	(Z)
Local government	Mil. dol	188	18	96	42	21	3	6	2
Individual contributions	Mil. dol	47	9	14	19	3	2	(Z)	1
Foundations	Mil. dol	46	6	18	16	3	1	1	1
Corporations	Mil. dol	26	3	6	14	2	1	(Z)	(Z)
Other	Mil. dol	48	7	10	23	5	2	1	(Z)
Operating expenditures [1]	**Mil. dol**	**1,005**	**226**	**368**	**264**	**84**	**27**	**28**	**8**
Administration	Mil. dol	200	55	55	60	16	6	6	2
Building and maintenance	Mil. dol	190	48	71	40	14	5	10	1
Exhibits	Mil. dol	131	24	58	34	9	4	1	1
Curatorial	Mil. dol	128	22	51	36	15	2	2	1
Annual attendance	Million	347.8	85.6	150.3	49.8	24.4	8.7	26.2	2.7
Regular full-time staff	Number	37,533	8,964	13,439	9,862	3,100	897	861	410

Z Less than $500,000. [1] Excludes museums not reporting expenditure distributions. Total includes other types of expenditures, not shown separately.

Source: U.S. National Center for Education Statistics, *Museum Program Survey*, 1979.

No. 410. Characteristics of Household Trips, by Purpose of Trip: 1977

[A trip is counted each time a person goes at last 100 miles away from home]

Characteristic	Total household trips (mil.)	Percent						
		Total	Visit relatives, friends	Business, convention	Outdoor recreation	Personal affairs, medical	Entertainment	Sightseeing
Total	**313**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Means of transport:								
Auto/truck	236	75.5	81.5	61.9	90.2	82.3	75.1	67.3
Bus	12	3.8	2.8	1.2	3.6	2.6	8.9	11.5
Train	3	1.0	1.2	1.5	.2	.9	.8	1.0
Airplane	52	16.7	11.4	33.0	3.9	10.3	12.6	17.3
Other [1]	9	2.9	3.2	2.4	2.1	4.0	2.6	2.9
Used a travel agent	24	7.6	4.9	11.5	3.5	3.9	10.3	19.2
Rented a car	16	5.1	2.1	11.3	2.0	2.9	4.6	5.9

[1] Includes different means of going and coming.

Source: U.S. Bureau of the Census, *Census of Transportation, 1977, National Travel Survey.*

No. 411. Passports, by Characteristics of Travelers and Object: 1960 to 1982

[**In thousands.** Total passports are actual count; all other data based on a sample and prorated to total passports. Data subject to error since sample size varied through 1970; beginning 1974, based on a sample of approximately 10 percent of total volume of passports. Data refer to number of passports issued, not travelers. Excludes passport renewals. A single passport may cover more than one trip and more than one person. See also *Historical Statistics, Colonial Times to 1970,* series H 899–920]

Characteristic	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total passports	**853**	**1,330**	**2,219**	**2,415**	**2,334**	**2,817**	**3,107**	**3,234**	**3,170**	**3,020**	**3,222**	**3,764**
Male	420	699	1,124	1,155	1,128	1,354	1,496	1,555	1,543	1,497	1,552	1,849
Female	433	631	1,095	1,260	1,206	1,463	1,611	1,679	1,627	1,523	1,670	1,915
Under 20 years	83	198	362	448	405	460	511	541	567	516	524	621
20–29 years	148	264	507	491	458	530	566	580	581	541	567	634
30–39 years	143	206	293	348	345	432	499	535	547	533	584	665
40–49 years	136	217	356	371	347	423	452	472	465	437	470	544
50–59 years	156	203	341	383	384	484	527	545	506	474	493	552
60 years and over	187	242	360	374	395	488	552	561	504	519	584	748
Object of travel: [1]												
Pleasure, personal reasons	673	1,022	2,008	1,767	1,692	2,114	2,108	2,389	2,094	2,076	2,266	2,035
Business	24	76	40	268	273	273	191	164	202	162	144	119
Education	31	31	20	153	132	126	79	75	93	80	62	57
Religion, health, other	9	10	5	21	26	16	11	13	15	13	11	11
Government	116	191	146	149	132	135	154	143	147	136	140	184
Not stated	(NA)	(NA)	(NA)	57	79	153	564	450	619	553	599	1,358

NA Not available. [1] Data not entirely comparable because of changes in classifications.

Source: U.S. Dept. of State, Bureau of Consular Affairs, *Summary of Passport Statistics,* annual.

No. 412. Foreign Travel to the U.S.—Travelers and Expenditures: 1970 to 1982

[**Travelers in thousands; expenditures in millions of dollars.** Includes travelers for business and pleasure, foreigners in transit through the United States, and students; excludes travel by foreign government personnel and foreign businessmen employed in the United States. Travelers from overseas excludes Canada and Mexico. See also *Historical Statistics, Colonial Times to 1970,* series H 946–951]

Area of origin	1970	1974	1975	1976	1977	1978	1979 [1]	1980 [1]	1981 [1]	1982 [1]
Travelers from overseas	**2,288**	**3,700**	**3,674**	**4,456**	**4,509**	**5,764**	**7,230**	**7,706**	**8,069**	**7,617**
Western Europe	984	1,544	1,500	1,692	1,885	2,483	3,135	3,368	3,530	3,070
Caribbean, Central America	484	508	478	573	578	703	855	835	869	902
South America	318	401	438	510	573	773	995	1,168	1,221	1,172
Japan	207	764	747	766	750	886	1,095	2,335	2,449	2,473
Other	295	483	511	715	723	919	1,150			
Total expenditures	**2,331**	**4,032**	**4,697**	**5,742**	**6,150**	**7,183**	**8,441**	**10,131**	**12,163**	**11,293**
Canada	859	1,225	1,561	1,983	2,150	2,248	2,092	2,501	2,672	2,624
Mexico	583	1,142	1,311	1,364	1,316	1,456	1,975	2,522	3,775	2,848
U.S. border area	520	858	972	1,023	967	951	1,266	1,614	2,547	2,058
Western Europe	318	570	611	852	1,003	1,323	1,667	1,942	2,152	2,071
Caribbean, Central America	170	216	206	289	276	322	375	417	474	517
South America	164	237	303	360	455	660	793	977	1,108	1,125
Japan	101	402	410	439	450	539	699	774	865	952
Other	136	240	295	455	500	635	840	998	1,117	1,156
Fares to U.S. carriers [2]	377	813	767	937	1,025	1,238	1,677	2,053	2,455	2,497

[1] Preliminary data for number of travelers. [2] Includes fares paid to and from the United States only.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* May 1983, and earlier issues.

No. 413. U.S. Travel to Foreign Countries—Travelers and Expenditures: 1970 to 1982

[Travelers in thousands; expenditures in millions of dollars, except as indicated. Covers residents of United States and Puerto Rico. See also *Historical Statistics, Colonial Times to 1970*, series H 921-940]

ITEM AND AREA	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Total overseas travelers [1]	**5,260**	**6,467**	**6,354**	**6,897**	**7,390**	**7,790**	**7,835**	**8,163**	**8,040**	**8,510**
Region of destination:										
Europe and Mediterranean	2,898	3,325	3,185	3,523	3,920	4,105	4,068	3,934	3,931	4,144
Average length of stay (days)	27	24	24	24	19	20	20	21	(NA)	(NA)
Caribbean and Central America	1,663	2,147	2,065	2,201	2,203	2,365	2,533	2,624	2,453	2,637
South America	249	423	447	436	483	515	434	594	567	529
Other	450	572	657	737	784	805	800	1,011	1,089	1,200
Expenditures abroad	**3,980**	**5,980**	**6,417**	**6,856**	**7,451**	**8,475**	**9,413**	**10,397**	**11,479**	**12,394**
Canada	1,018	1,359	1,306	1,371	1,433	1,407	1,599	1,817	2,070	1,936
Mexico	778	1,475	1,637	1,723	1,918	2,121	2,460	2,564	2,862	3,324
Total overseas areas	2,184	3,146	3,474	3,762	4,100	4,947	5,354	6,016	6,547	7,134
Europe and Mediterranean	1,425	1,802	1,918	2,150	2,398	2,942	3,185	3,412	3,587	3,787
Average per trip [2] (dollars)	490	542	602	610	612	717	783	867	912	914
Average per day (dollars)	18.15	22.58	25.19	25.42	32.21	35.85	39.15	41.28	(NA)	(NA)
Caribbean and Central America	390	685	787	784	790	888	1,019	1,134	1,277	1,349
South America	90	209	242	232	254	306	288	392	383	380
Japan	97	102	131	145	149	155	142	185	214	272
Other	182	348	396	451	509	656	720	893	1,086	1,346
Foreign flag carriers [3]	1,215	2,095	2,263	2,568	2,748	2,896	3,184	3,607	4,487	4,772
United States flag carriers [3]	985	1,331	1,463	1,444	1,725	1,784	1,978	2,504	(NA)	(NA)

NA Not available. [1] Excludes the following: Travel to Canada and Mexico; travel between conterminous United States and Alaska, Hawaii, Puerto Rico, and Virgin Islands; cruise travelers; military personnel and other Government employees and their dependents stationed abroad, and U.S. citizens residing abroad. [2] Excludes passenger fares of emigrant aliens. [3] Excludes transatlantic passenger fares.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1983, and earlier issues.

No. 414. Air Travel Between the United States and Foreign Countries: 1975 to 1982

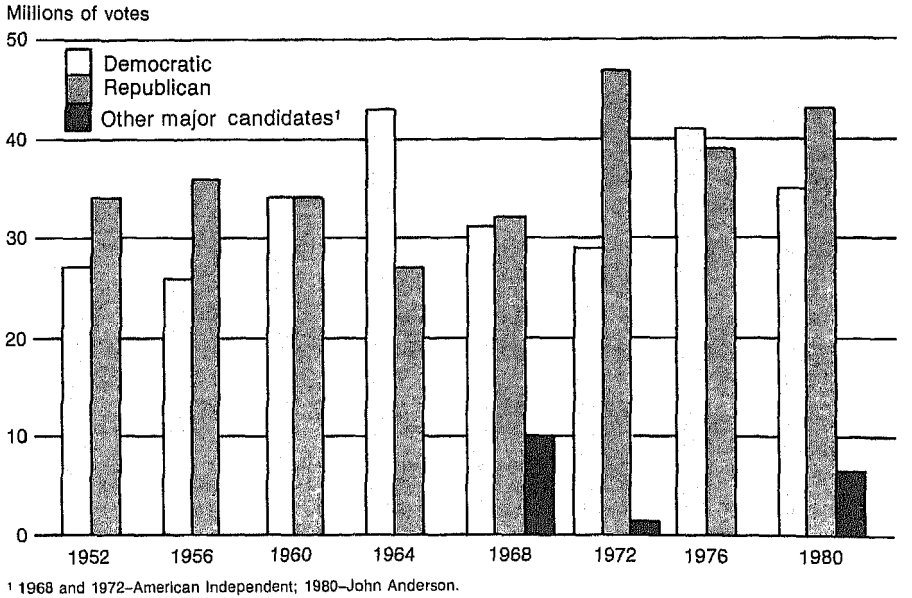
[In thousands. Covers passengers on international commercial flights arriving at and departing from U.S. airports. Excludes traffic between U.S. and Canada, border crossers, crewmen, and military personnel. Travelers between U.S. ports in the 50 States, Puerto Rico, Guam, or the Virgin Islands; and any other outlying area are included. Data compiled from flight reports of U.S. Immigration and Naturalization Service. Selection of countries based on minimum of 175,000 arrivals in 1982. For related data, see also *Historical Statistics, Colonial Times to 1970*, series C 296-331]

FLAG OF CARRIER AND COUNTRY	ARRIVALS					DEPARTURES				
	1975	1979	1980	1981	1982	1975	1979	1980	1981	1982
Total passengers	**12,646**	**19,282**	**20,262**	**20,881**	**20,216**	**12,053**	**18,128**	**19,256**	**19,911**	**19,322**
Flag of carrier:										
United States	6,503	9,871	10,031	10,265	10,163	5,913	9,142	9,369	9,581	9,485
Foreign	6,143	9,411	10,231	10,615	10,054	6,141	8,986	9,886	10,330	9,837
Country of embarkation or debarkation: [1]										
Australia	106	208	227	229	254	103	222	245	258	252
Bahamas	758	1,079	1,123	1,053	1,153	704	925	1,006	927	1,009
Belgium	144	187	242	249	299	134	173	231	238	283
Bermuda	398	469	497	451	441	372	444	467	417	413
Brazil	212	253	300	311	308	206	252	291	301	303
Colombia	173	281	315	334	314	171	272	299	315	300
Denmark	222	260	267	251	243	188	238	254	243	235
Dominican Republic	336	465	468	495	501	322	419	443	466	464
France	512	707	689	686	695	470	646	635	646	647
Germany, Fed. Rep. of	622	1,053	1,175	1,182	1,174	649	1,003	1,178	1,149	1,164
Greece	121	231	208	206	198	123	220	190	189	197
Hong Kong	98	187	228	230	197	59	127	152	166	144
Ireland	220	263	220	229	250	163	236	212	219	234
Israel	84	190	189	190	189	105	195	186	194	211
Italy	431	572	537	493	529	409	517	495	460	500
Jamaica	457	492	429	479	587	416	432	382	435	526
Japan	1,095	1,579	1,624	1,705	1,819	1,183	1,534	1,602	1,697	1,779
Korea, Rep. of	105	169	234	228	245	60	134	186	187	212
Mexico	1,626	2,620	2,886	3,091	2,456	1,524	2,537	2,886	3,157	2,516
Netherlands	312	460	427	450	482	304	422	409	443	477
Netherlands Antilles	213	353	327	359	332	184	302	282	322	295
Phillipines	108	162	194	244	212	81	132	160	178	175
Spain	306	333	312	310	337	260	292	273	288	321
Switzerland	236	321	312	321	332	224	305	306	315	330
United Kingdom	1,549	2,692	2,973	3,092	2,694	1,446	2,609	2,840	2,989	2,607
Venezuela	205	431	533	577	581	198	424	518	571	571
Other	1,998	3,264	3,326	3,436	3,394	1,994	3,114	3,128	3,141	3,155

[1] Country where passenger boarded/deboarded a direct flight to/from the U.S.

Source: U.S. Transportation Systems Center, Cambridge, Mass., *U.S. International Air Travel Statistics*, annual.

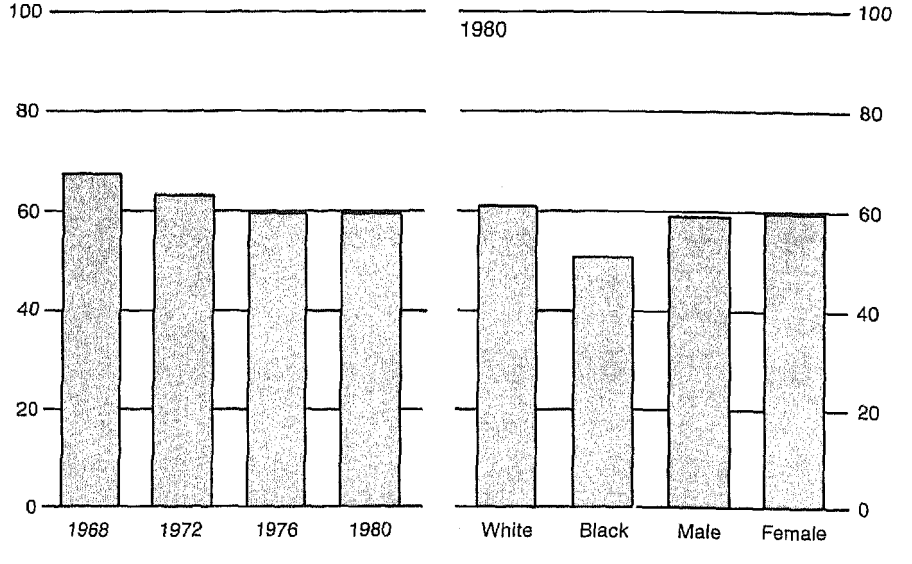
Figure 9.1
Popular Vote Cast for President, by Major Party: 1952 to 1980



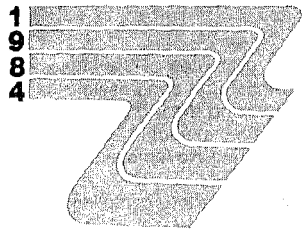
[1] 1968 and 1972–American Independent; 1980–John Anderson.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 415.

Figure 9.2
Voter Participation in Presidential Elections: 1968 to 1980

Percent of persons of voting age who reported that they voted.



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 440.



Section 9

Elections

This section relates primarily to Presidential, congressional, and gubernatorial elections. Also presented are summary tables on congressional legislation, Black and female officeholders, population of voting age, voter participation, and campaign finances.

Official statistics on Federal elections, collected by the Clerk of the House, are published biennially in *Statistics of the Presidential and Congressional Election* and *Statistics of the Congressional Election.* Federal and State elections data appear also in *America Votes,* a biennial volume of the Elections Research Center, Washington, D.C. Federal elections data also appear in the U.S. Congress, *Congressional Directory,* and in official State documents. Data on reported registration and voting are obtained by the U.S. Bureau of the Census as part of the Current Population Survey (CPS) and are published in *Current Population Reports,* series P-20 (see text, p. 2).

Almost all Federal, State, and local governmental units in the United States conduct elections at various intervals for different offices and other purposes. The conduct of elections is regulated by State laws or, in some cities and counties, by local charter. An exception is that the U.S. Constitution prescribes the basis of representation in Congress and the manner of electing the President, and grants to Congress the right to regulate the times, places, and manner of electing Federal officers. Amendments to the Constitution have prescribed national criteria for voting eligibility. The 15th Amendment, adopted in 1870, gave all citizens the right to vote regardless of race, color, or previous condition of servitude. The 19th Amendment, adopted in 1919, further extended the right to vote to all citizens regardless of sex. The payment of poll taxes as a prerequisite to voting in Federal elections was banned by the 24th Amendment in 1964. In 1971, as a result of the 26th Amendment, eligibility to vote in national elections was extended to all citizens, 18 years old and over.

Presidential election.—The Constitution specifies how the President and Vice President are selected. Each State elects, by popular vote, a group of electors equal in number to its total of members of Congress. Subsequent to the election, the electors meet in their respective States to vote for President and Vice President. Usually, each elector votes for the candidate receiving the most popular votes in his or her State. A majority vote of all electors is necessary to elect the President and Vice President. If no candidate receives a majority, the House of Representatives, with each State having one vote, is empowered to elect the President and Vice President, again, with a majority of votes required.

The 22d Amendment to the Constitution, adopted in 1951, limits presidential tenure to 2 elective terms of 4 years each, or to 1 elective term for any person who, upon succession to the Presidency, has held the office or acted as President for more than 2 years. The 23d Amendment, adopted in 1961, grants the District of Columbia 3 presidential electors, a number equal to that of the least populous State.

Congressional election.—The Constitution provides that Representatives be apportioned among the States according to their population; that a census of population be taken every 10 years as a basis for apportionment; and that each State have at least 1 Representative. At the time of each apportionment, Congress decides what the total number of Representatives will be. Since 1912, the total has been 435, except during 1960 to 1962 when it increased to 437, adding 1 Representative each for Alaska and Hawaii. The total reverted to 435 after reapportionment following the 1960 census. Members are elected for 2-year terms, all terms covering the same period. The District of Columbia, American Samoa, Guam, and the Virgin Islands each elect one nonvoting Delegate and Puerto Rico elects a nonvoting Resident Commissioner.

The Senate is composed of 100 members, 2 from each State, who are elected to serve for a term of 6 years. One-third of the Senate is elected every 2 years. Senators were originally chosen by the State legislatures. The 17th Amendment to the Constitution, adopted in 1913, prescribed that Senators be elected by popular vote.

Voter eligibility and participation.—The Census Bureau publishes estimates of the population of voting age and the percent casting votes in each State for Presidential and congressional election years. Voting-age population estimates include a number of persons who meet the age requirement but are not eligible to vote (for example, aliens and institutionalized persons). Since 1964, voter participation and voter characteristics data have been collected during November of election years as part of the CPS.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

NO. 415. VOTE CAST FOR PRESIDENT, BY POLITICAL PARTIES: 1920 TO 1980

[Prior to 1960, excludes Alaska and Hawaii; prior to 1964, excludes District of Columbia. Vote cast for major party candidates includes the votes of minor parties cast for those candidates. See also *Historical Statistics, Colonial Times to 1970*, series Y 79-83 and Y 135]

YEAR	CANDIDATES FOR PRESIDENT		VOTE CAST FOR PRESIDENT					
				Democratic			Republican	
				Popular vote		Electoral vote	Popular vote	
	Democratic	Republican	Total popular vote [1] (1,000)	Number (1,000)	Percent		Number (1,000)	Percent	Electoral vote
1920	Cox	Harding	26,748	9,130	34.1	127	16,143	60.4	404
1924	Davis	Coolidge	29,086	8,385	28.8	136	15,718	54.0	382
1928	Smith	Hoover	36,812	15,016	40.8	87	21,392	58.1	444
1932	F. D. Roosevelt	Hoover	39,732	22,810	57.4	472	15,759	39.7	59
1936	F. D. Roosevelt	Landon	45,643	27,753	60.8	523	16,675	36.5	8
1940	F. D. Roosevelt	Willkie	49,900	27,313	54.7	449	22,348	44.8	82
1944	F. D. Roosevelt	Dewey	47,977	25,613	53.4	432	22,018	45.9	99
1948	Truman	Dewey	48,794	24,179	49.6	303	21,991	45.1	189
1952	Stevenson	Eisenhower	61,551	27,315	44.4	89	33,936	55.1	442
1956	Stevenson	Eisenhower	62,027	26,023	42.0	73	35,500	57.4	457
1960	Kennedy	Nixon	68,838	34,227	49.7	303	34,108	49.5	219
1964	Johnson	Goldwater	70,645	43,130	61.1	486	27,178	38.5	52
1968	Humphrey	Nixon	73,212	31,275	42.7	191	31,785	43.4	301
1972	McGovern	Nixon	77,719	29,170	37.5	17	47,170	60.7	520
1976	Carter	Ford	81,556	40,831	50.1	297	39,148	48.0	240
1980	Carter	Reagan	86,515	35,484	41.0	49	43,904	50.7	489

YEAR	VOTE CAST FOR PRESIDENT—Con. LEADING OTHER CANDIDATES	YEAR	VOTE CAST FOR PRESIDENT—Con. LEADING OTHER CANDIDATES—Con.
1920	Eugene Debs, Socialist, 919,799. P. P. Christensen, Farmer-Labor, 265,411.	1952	Vincent Hallinan, Progressive, 140,023. Stuart Hamblen, Prohibition, 72,949.
1924	Robert LaFollette, Progessive, 4,831,289. Herman P. Faris, Prohibition, 57,520.	1956	T. Coleman Andrews, States' Rights, 111,178. Eric Hass, Socialist Labor, 44,450.
1928	Norman Thomas, Socialist, 267,835. Verne L. Reynolds, Socialist Labor, 21,603.	1960	Eric Hass, Socialist Labor, 47,522. Rutherford Decker, Prohibition, 46,203.
1932	Norman Thomas, Socialist, 881,951. William Z. Foster, Communist, 102,785.	1964	Eric Hass, Socialist Labor, 45,219. Clifton DeBerry, Socialist Workers, 32,720.
1936	William Lemke, Union, 882,479. Norman Thomas, Socialist, 187,720.	1968	George Wallace, American Independent, 9,906,473. Henning Blomen, Socialist Labor, 52,588.
1940	Norman Thomas, Socialist, 99,557. Roger Babson, Prohibition, 57,812.	1972	John Schmitz, American, 1,099,482. Benjamin Spock, People's, 78,756.
1944	Norman Thomas, Socialist, 80,518. Claude Watson, Prohibition, 74,758.	1976	Eugene McCarthy, Independent, 756,691. Roger MacBride, Libertarian, 173,011.
1948	Strom Thurmond, States' Rights, 1,176,125. Henry Wallace, Progressive, 1,157,326.	1980	John Anderson, Independent, 5,720,060. Ed Clark, Libertarian, 921,299.

[1] Includes votes for minor party candidates, independents, unpledged electors, and scattered write-in votes.

Source: 1920-1936, Edgar Eugene Robinson, *The Presidential Vote* and *They Voted for Roosevelt*, Stanford University Press, Stanford, Calif., 1934 and 1947, respectively. 1940-1964 and 1968-1980, Elections Research Center, Washington, D.C., *America at the Polls* and *America Votes*, biennial, respectively (copyright).

NO. 416. ELECTORAL VOTE CAST FOR PRESIDENT, BY MAJOR POLITICAL PARTIES—STATES: 1940 TO 1980

[D=Democratic, R=Republican. For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series Y 84-134]

REGION, DIVISION, AND STATE	1940	1944	1948 [1]	1952	1956 [2]	1960 [3]	1964	1968 [4]	1972 [5]	1976 [6]	1980
Democratic	**449**	**432**	**303**	**89**	**73**	**303**	**486**	**191**	**17**	**297**	**49**
Republican	**82**	**99**	**189**	**442**	**457**	**219**	**52**	**301**	**520**	**240**	**489**
Northeast: Dem	132	130	20	-	-	121	126	102	14	86	4
Rep	8	8	118	133	133	12	-	24	108	36	118
North Central: Dem	93	73	101	-	13	71	149	31	-	58	10
Rep	68	82	54	153	140	82	-	118	145	87	135
South: Dem	165	167	117	89	60	101	121	45	3	149	31
Rep	-	-	11	77	105	50	47	77	165	20	138
West: Dem	59	62	65	-	-	10	90	13	-	4	4
Rep	6	9	6	79	79	75	5	82	102	97	98
N.E.: Maine	R-5	R-5	R-5	R-5	R-5	R-5	D-4	D-4	R-4	R-4	R-4
N.H	D-4	D-4	R-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
Vt	R-3	R-3	R-3	R-3	R-3	R-3	D-3	R-3	R-3	R-3	R-3
Mass	D-17	D-16	D-16	R-16	R-16	D-16	D-14	D-14	D-14	D-14	R-14
R.I	D-4	D-4	D-4	R-4	R-4	D-4	D-4	D-4	R-4	D-4	D-4
Conn	D-8	D-8	R-8	R-8	R-8	D-8	D-8	D-8	R-8	R-8	R-8
M.A.: N.Y	D-47	D-47	R-47	R-45	R-45	D-45	D-43	D-43	R-41	D-41	R-41
N.J	D-16	D-16	R-16	R-16	R-16	D-16	D-17	R-17	R-17	R-17	R-17
Pa	D-36	D-35	R-35	R-32	R-32	D-32	D-29	D-29	R-27	D-27	R-27
E.N.C.: Ohio	D-26	R-25	D-25	R-25	R-25	R-25	D-26	R-26	R-25	D-25	R-25
Ind	R-14	R-13	R-13	R-13	R-13	R-13	D-13	R-13	R-13	R-13	R-13
Ill	D-29	D-28	D-28	R-27	R-27	D-27	D-26	R-26	R-26	R-26	R-26
Mich	R-19	D-19	R-19	R-20	R-20	D-20	D-21	D-21	R-21	R-21	R-21
Wis	D-12	R-12	D-12	R-12	R-12	R-12	D-12	R-12	R-11	D-11	R-11
W.N.C.: Minn	D-11	D-11	D-11	R-11	R-11	D-11	D-10	D-10	R-10	D-10	D-10
Iowa	R-11	R-10	D-10	R-10	R-10	R-10	D-9	R-9	R-8	R-8	R-8
Mo	D-15	D-15	D-15	R-13	D-13	D-13	D-12	R-12	R-12	D-12	R-12
N. Dak	R-4	R-4	R-4	R-4	R-4	R-4	D-4	R-4	R-3	R-3	R-3
S. Dak	R-4	R-4	R-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
Nebr	R-7	R-6	R-6	R-6	R-6	R-6	D-5	R-5	R-5	R-5	R-5
Kans	R-9	R-8	R-8	R-8	R-8	R-8	D-7	R-7	R-7	R-7	R-7
S.A.: Del	D-3	D-3	R-3	R-3	R-3	D-3	D-3	R-3	R-3	D-3	R-3
Md	D-8	D-8	R-8	R-9	R-9	D-9	D-10	D-10	R-10	D-10	D-10
D.C	(X)	(X)	(X)	(X)	(X)	(X)	D-3	D-3	D-3	D-3	D-3
Va	D-11	D-11	D-11	R-12	R-12	R-12	D-12	R-12	[5]R-11	R-12	R-12
W. Va	D-8	D-8	D-8	D-8	R-8	D-8	D-7	D-7	R-6	D-6	D-6
N.C	D-13	D-14	D-14	D-14	D-14	D-14	D-13	[4]R-12	R-13	D-13	R-13
S.C	D-8	D-8	(1)	D-8	D-8	D-8	R-8	R-8	R-8	D-8	R-8
Ga	D-12	D-12	D-12	D-12	D-12	D-12	R-12	(4)	R-12	D-12	D-12
Fla	D-7	D-8	D-8	R-10	R-10	R-10	D-14	R-14	R-17	D-17	R-17
E.S.C.: Ky	D-11	D-11	D-11	D-10	R-10	R-10	D-9	R-9	R-9	D-9	R-9
Tenn	D-11	D-12	[1]D-11	R-11	R-11	R-11	D-11	R-11	R-10	D-10	R-10
Ala	D-11	D-11	(1)	D-11	[2]D-10	[3]D-5	R-10	(4)	R-9	D-9	R-9
Miss	D-9	D-9	(1)	D-8	D-8	(3)	R-7	(4)	R-7	D-7	R-7
W.S.C.: Ark	D-9	D-9	D-9	D-8	D-8	D-8	D-6	(4)	R-6	D-6	R-6
La	D-10	D-10	(1)	D-10	R-10	D-10	R-10	(4)	R-10	D-10	R-10
Okla	D-11	D-10	D-10	R-8	R-8	[3]R-7	D-8	R-8	R-8	R-8	R-8
Tex	D-23	D-23	D-23	R-24	R-24	D-24	D-25	D-25	R-26	D-26	R-26
Mt.: Mont	D-4	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
Idaho	D-4	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
Wyo	D-3	R-3	D-3	R-3	R-3	R-3	D-3	R-3	R-3	R-3	R-3
Colo	R-6	R-6	D-6	R-6	R-6	R-6	D-6	R-6	R-7	R-7	R-7
N. Mex	D-3	D-4	D-4	R-4	R-4	D-4	D-4	R-4	R-4	R-4	R-4
Ariz	D-3	D-4	D-4	R-4	R-4	R-4	R-5	R-5	R-6	R-6	R-6
Utah	D-4	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
Nev	D-3	D-3	D-3	R-3	R-3	D-3	D-3	R-3	R-3	R-3	R-3
Pac.: Wash	D-8	D-8	D-8	R-9	R-9	R-9	D-9	D-9	R-9	[6]R-8	R-9
Oreg	D-5	D-6	R-6	R-6	R-6	R-6	D-6	R-6	R-6	R-6	R-6
Calif	D-22	D-25	D-25	R-32	R-32	R-32	D-40	R-40	R-45	R-45	R-45
Alaska	(X)	(X)	(X)	(X)	(X)	R-3	D-3	R-3	R-3	R-3	R-3
Hawaii	(X)	(X)	(X)	(X)	(X)	D-3	D-4	D-4	R-4	D-4	D-4

- Represents zero. X Not applicable. [1] Excludes 39 electoral votes cast for States' Rights Democratic candidates as follows: Alabama 11; Louisiana 10; Mississippi 9; South Carolina 8; and Tennessee 1. [2] Excludes 1 electoral vote cast for Walter B. Jones. [3] Excludes 15 electoral votes cast for Harry F. Byrd as follows: Alabama 6; Mississippi 8; and Oklahoma 1. [4] Excludes 46 electoral votes cast for George C. Wallace as follows: Alabama 10; Arkansas 6; Georgia 12; Louisiana 10; Mississippi 7; North Carolina 1. [5] Excludes 1 electoral vote cast for John Hospers. [6] Excludes 1 electoral vote cast for Ronald Reagan.

Source: 1940–1972, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election;* quadrennial; thereafter, Elections Research Center, Washington, D.C., *America Votes,* biennial. (Copyright).

No. 417. Popular Vote Cast for President, and Percent of Vote for Leading Party, by State: 1948 to 1968

[In thousands, except percent. D=Democratic, R=Republican. Leading party vote refers to the party vote representing either a majority or a plurality for the victorious party in the area shown. For composition of regions, see fig. I, inside front cover. See also tables 415 and 418, and *Historical Statistics, Colonial Times to 1970,* series Y 135-166]

Region, division, and state	1948		1952		1956		1960		1964		1968	
	Total vote cast	Percent for leading party	Total vote cast	Percent for leading party	Total vote cast	Percent for leading party	Total vote cast	Percent for leading party	Total vote cast	Percent for leading party	Total vote cast	Percent for leading party
U.S	**48,794**	**D-49.6**	**61,551**	**R-55.1**	**62,027**	**R-57.4**	**68,838**	**D-49.7**	**70,645**	**D-61.1**	**73,212**	**R-43.4**
Northeast	15,800	R-47.8	18,801	R-55.1	18,782	R-60.7	20,053	D-52.7	19,623	D-68.3	19,240	D-50.2
North Central	17,540	D-50.3	21,153	R-57.6	21,114	R-58.6	22,979	R-52.2	22,209	D-61.3	22,206	R-46.8
South	8,244	D-52.6	12,445	D-50.5	12,478	R-51.1	14,389	D-49.9	16,597	D-53.3	19,177	R-36.4
West	7,209	D-49.4	9,151	R-57.3	9,654	R-56.4	11,417	R-51.1	12,214	D-59.4	12,590	R-46.7
N. Eng	**3,938**	**D-51.5**	**4,673**	**R-56.1**	**4,625**	**R-62.0**	**4,983**	**D-56.0**	**4,786**	**D-72.7**	**4,825**	**D-57.1**
Maine	265	R-56.4	352	R-66.0	352	R-70.9	422	R-57.0	381	D-68.8	393	D-55.3
N.H	231	R-52.4	273	R-60.9	267	R-66.1	296	R-53.4	288	D-63.9	297	R-52.1
Vt	123	R-61.5	154	R-71.5	153	R-72.2	167	R-58.6	163	D-66.3	161	R-52.8
Mass	2,107	D-54.7	2,383	R-54.2	2,349	R-59.3	2,469	D-60.2	2,345	D-76.2	2,332	D-63.0
R.I	328	D-57.6	414	R-50.9	388	R-58.3	406	D-63.6	390	D-80.9	385	D-64.0
Conn	884	R-49.5	1,097	R-55.7	1,117	R-63.7	1,223	D-53.7	1,219	D-67.8	1,256	D-49.5
Mid. Atl	**11,862**	**R-48.3**	**14,123**	**R-54.8**	**14,157**	**R-60.3**	**15,071**	**D-51.6**	**14,837**	**D-66.8**	**14,415**	**D-47.9**
N.Y	6,177	R-46.0	7,128	R-55.5	7,096	R-61.2	7,291	D-52.5	7,166	D-68.6	6,792	D-49.7
N.J	1,950	R-50.3	2,419	R-56.8	2,484	R-64.7	2,773	D-50.0	2,848	D-65.6	2,875	R-46.1
Pa	3,735	R-50.9	4,581	R-52.7	4,577	R-56.5	5,007	D-51.1	4,823	D-64.9	4,748	D-47.6
E. No. Cent	**11,963**	**D-49.4**	**14,543**	**R-56.6**	**14,715**	**R-59.4**	**16,102**	**R-51.4**	**15,659**	**D-61.6**	**15,701**	**R-45.9**
Ohio	2,936	D-49.5	3,701	R-56.8	3,702	R-61.1	4,162	R-53.3	3,969	D-62.9	3,960	R-45.2
Ind	1,656	R-49.6	1,956	R-58.1	1,975	R-59.9	2,135	R-55.0	2,092	D-56.0	2,124	R-50.3
Ill	3,984	D-50.1	4,481	R-54.8	4,407	R-59.5	4,757	D-50.0	4,703	D-59.5	4,620	R-47.1
Mich	2,110	R-49.2	2,799	R-55.4	3,080	R-55.6	3,318	D-50.9	3,203	D-66.7	3,306	D-48.2
Wis	1,277	D-50.7	1,607	R-61.0	1,551	R-61.6	1,729	R-51.8	1,692	D-62.1	1,692	R-47.9
W. No. Cent	**5,578**	**D-52.4**	**6,611**	**R-60.0**	**6,398**	**R-56.8**	**6,877**	**R-54.1**	**6,550**	**D-60.6**	**6,505**	**R-48.9**
Minn	1,212	D-57.2	1,379	R-55.3	1,340	R-53.7	1,542	D-50.6	1,554	D-63.8	1,589	D-54.0
Iowa	1,038	D-50.3	1,269	R-63.8	1,235	R-59.1	1,274	R-56.7	1,185	D-61.9	1,168	R-53.0
Mo	1,579	D-58.1	1,892	R-50.7	1,833	D-50.1	1,934	D-50.3	1,818	D-64.0	1,810	R-44.9
N. Dak	221	R-52.2	270	R-71.0	254	R-61.7	276	R-55.4	256	D-56.0	248	R-55.9
S. Dak	250	R-51.8	294	R-69.3	294	R-58.4	306	R-58.2	293	D-55.6	281	R-53.3
Nebr	489	R-54.2	610	R-69.2	577	R-65.5	613	R-62.1	584	D-52.6	537	R-59.8
Kans	789	R-53.6	896	R-68.8	866	R-65.4	929	R-60.4	858	D-54.1	873	R-54.8
So. Atl	**3,834**	**D-47.0**	**5,766**	**D-50.8**	**5,901**	**R-51.0**	**6,894**	**D-52.0**	**8,294**	**D-55.6**	**9,428**	**R-39.2**
Del	139	R-50.0	174	R-51.8	178	R-55.1	197	D-50.6	201	D-60.9	214	R-45.1
Md	597	R-49.4	902	R-55.4	933	R-60.0	1,055	D-53.6	1,116	D-65.5	1,235	D-43.6
D.C	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	199	D-85.5	171	D-81.8
Va	419	D-47.9	620	R-56.3	698	R-55.4	771	R-52.4	1,042	D-53.5	1,361	R-43.4
W. Va	749	D-57.3	874	D-51.9	831	R-54.1	838	D-52.7	792	D-67.9	754	D-49.6
N.C	791	D-58.0	1,211	D-53.9	1,166	D-50.7	1,369	D-52.1	1,425	D-56.2	1,587	R-39.5
S.C	143	(1)	341	D-50.7	301	D-45.4	387	D-51.2	525	R-58.9	667	R-38.1
Ga	419	D-60.8	656	D-69.7	670	D-66.4	733	D-62.5	1,139	R-54.1	1,250	(2)
Fla	578	D-48.8	989	R-55.0	1,126	R-57.2	1,544	R-51.5	1,854	D-51.1	2,188	R-40.5
E. So. Cent	**1,780**	**D-42.5**	**2,597**	**D-53.4**	**2,738**	**D-49.6**	**3,045**	**R-48.3**	**3,289**	**R-52.2**	**4,009**	(2)
Ky	823	D-56.7	993	D-49.9	1,054	R-54.3	1,124	R-53.6	1,046	D-64.0	1,056	R-43.8
Tenn	550	D-49.1	893	R-50.0	939	R-49.2	1,052	R-52.9	1,144	D-55.5	1,249	R-37.8
Ala	215	(1)	426	D-64.6	497	D-56.5	570	D-56.8	690	R-69.5	1,050	(2)
Miss	192	(1)	286	D-60.4	248	D-58.2	298	(3)	409	R-87.1	655	(2)
W. So. Cent	**2,630**	**D-59.4**	**4,082**	**R-51.6**	**3,839**	**R-53.9**	**4,451**	**D-48.5**	**5,016**	**D-57.5**	**5,740**	**R-37.0**
Ark	242	D-61.7	405	D-55.9	407	D-52.5	429	D-50.2	560	D-56.1	620	(2)
La	416	(1)	652	D-52.9	618	R-53.3	808	D-50.4	896	R-56.8	1,097	(2)
Okla	722	D-62.7	949	R-54.6	859	R-55.1	903	R-59.0	932	D-55.7	943	R-47.7
Tex	1,250	D-66.0	2,076	R-53.1	1,955	R-55.3	2,311	D-50.5	2,627	D-63.3	3,079	D-41.1
Mt	**1,758**	**D-52.7**	**2,212**	**R-60.0**	**2,300**	**R-60.3**	**2,647**	**R-53.5**	**2,837**	**D-56.4**	**2,895**	**R-52.9**
Mont	224	D-53.1	265	R-59.4	271	R-57.1	276	R-51.1	279	D-58.9	274	R-50.6
Idaho	215	D-50.0	276	R-65.4	273	R-61.2	300	R-53.8	292	D-50.9	291	R-56.8
Wyo	101	D-51.6	129	R-62.7	124	R-60.1	141	R-55.0	143	D-56.6	127	R-55.8
Colo	515	D-51.9	630	R-60.3	657	R-60.0	736	R-54.6	777	D-61.3	811	R-50.5
N. Mex	187	D-56.4	239	R-55.4	254	R-57.8	311	D-50.2	329	D-59.0	327	R-51.8
Ariz	177	D-53.8	261	R-58.3	290	R-61.0	398	R-55.5	481	R-50.4	487	R-54.8
Utah	276	D-54.0	330	R-58.9	334	R-64.6	375	R-54.8	401	D-54.7	423	R-56.5
Nev	62	D-50.4	82	R-61.4	97	R-58.0	107	D-51.2	135	D-58.6	154	R-47.5
Pac	**5,451**	**D-48.3**	**6,940**	**R-56.0**	**7,353**	**R-55.1**	**8,770**	**R-50.4**	**9,377**	**D-60.4**	**9,695**	**R-47.4**
Wash	905	D-52.6	1,103	R-54.3	1,151	R-53.9	1,242	R-50.7	1,259	D-62.0	1,304	D-47.2
Oreg	524	R-49.8	695	R-60.5	736	R-55.2	776	R-52.6	786	D-63.7	820	R-49.8
Calif	4,022	D-47.6	5,142	R-56.3	5,466	R-55.4	6,507	R-50.1	7,058	D-59.1	7,252	R-47.8
Alaska	(x)	(x)	(x)	(x)	(x)	(x)	61	R-50.9	67	D-65.9	83	R-45.3
Hawaii	(x)	(x)	(x)	(x)	(x)	(x)	185	(4)	207	D-78.8	236	D-59.8

X Not applicable. [1] Vote represented a victory for Thurmond (States' Rights Democratic Party) as follows: Alabama, 79.7 percent; Louisiana, 49.1 percent; Mississippi, 87.2 percent; and South Carolina, 72.0 percent. [2] Vote represented a victory for Wallace (American Independent Party) as follows: East South Central, 43.0 percent; Alabama, 65.8 percent; Arkansas, 38.9 percent; Georgia, 42.9 percent; Louisiana, 48.3 percent; and Mississippi, 63.4 percent. [3] Vote represented a victory for unpledged Democratic electors: 39.0 percent. [4] Percentages of 50.0 for both parties based on following vote: Democratic, 92,410; Republican, 92,295.

Source: 1948, Elections Research Center, Washington, D.C., *America at the Polls* (copyright); 1952 and 1956, U.S. Bureau of the Census, *Congressional District Data Book (Districts of the 88th Congress),* 1963; and 1960-1968, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election,* quadrennial.

No. 418. Popular Vote Cast for President, by Political Parties—States: 1972 to 1980

[In thousands, except percent. D = Democratic, R = Republican. See headnote, table 417. See also *Historical Statistics, Colonial Times to 1970*, series Y 135-186]

Region, division and state	1972				1976				1980			
	Total [1]	Democratic Party	Republican Party	Percent for leading party	Total [1]	Democratic Party	Republican Party	Percent for leading party	Total [1]	Democratic Party	Republican Party	Percent for leading party
U.S.	**77,719**	**29,170**	**47,170**	**R-60.7**	**81,556**	**40,831**	**39,148**	**D-50.1**	**86,515**	**35,484**	**43,904**	**R-50.7**
Regions:												
Northeast	19,952	8,278	11,483	R-57.6	19,520	9,929	9,272	D-50.9	19,205	8,019	9,147	R-47.6
No. Central	23,190	9,127	13,711	R-59.1	24,155	11,671	11,995	R-49.7	25,178	10,291	12,827	R-50.9
South	20,048	6,087	13,666	R-68.2	23,198	12,520	10,394	D-54.0	25,813	11,554	13,118	R-50.8
West	14,529	5,679	8,309	R-57.2	14,682	6,711	7,488	R-51.0	16,318	5,620	8,813	R-54.0
N. Eng	**5,197**	**2,428**	**2,730**	**R-52.5**	**5,351**	**2,766**	**2,454**	**D-51.7**	**5,467**	**2,206**	**2,446**	**R-44.7**
Maine	417	161	256	R-61.5	483	232	236	R-48.9	523	221	239	R-45.6
N.H.	334	116	214	R-64.0	340	148	186	R-54.7	384	109	222	R-57.7
Vt	187	68	117	R-62.7	186	81	102	R-54.4	213	82	95	R-44.4
Mass	2,459	1,333	1,112	D-54.2	2,548	1,429	1,030	D-56.1	2,524	1,054	1,058	R-41.9
R.I	416	195	220	R-53.0	411	228	181	D-55.4	416	198	155	D-47.7
Conn	1,384	555	811	R-58.6	1,382	648	719	R-52.1	1,406	542	677	R-48.2
Mid. Atl	**14,755**	**5,850**	**8,754**	**R-59.3**	**14,169**	**7,164**	**6,817**	**D-50.6**	**13,739**	**5,813**	**6,703**	**R-48.8**
N.Y	7,166	2,951	4,193	R-58.5	6,534	3,390	3,101	D-51.9	6,200	2,728	2,894	R-46.7
N.J	2,997	1,102	1,846	R-61.6	3,014	1,445	1,510	R-50.1	2,976	1,147	1,547	R-52.0
Pa	4,592	1,797	2,715	R-59.1	4,621	2,329	2,206	D-50.4	4,562	1,938	2,262	R-49.6
E. No. Cent	**16,286**	**6,450**	**9,586**	**R-58.9**	**16,809**	**8,035**	**8,448**	**R-50.3**	**17,458**	**7,221**	**8,825**	**R-50.5**
Ohio	4,095	1,559	2,442	R-59.6	4,112	2,012	2,001	D-48.9	4,284	1,752	2,207	R-51.5
Ind	2,126	709	1,405	R-66.1	2,220	1,015	1,184	R-53.3	2,242	844	1,256	R-56.0
Ill	4,723	1,913	2,788	R-59.0	4,719	2,271	2,364	R-50.1	4,750	1,981	2,358	R-49.6
Mich	3,490	1,459	1,962	R-56.2	3,654	1,697	1,894	R-51.8	3,910	1,662	1,915	R-49.0
Wis	1,853	810	989	R-53.4	2,104	1,040	1,005	D-49.4	2,273	982	1,089	R-47.9
W. No. Cent	**6,904**	**2,675**	**4,124**	**R-59.8**	**7,346**	**3,635**	**3,547**	**D-49.5**	**7,719**	**3,070**	**4,002**	**R-51.8**
Minn	1,742	802	898	R-51.6	1,950	1,070	819	D-54.9	2,052	954	873	D-46.5
Iowa	1,226	496	706	R-57.6	1,279	620	633	R-49.5	1,318	509	676	R-51.3
Mo	1,856	697	1,154	R-62.2	1,954	998	927	D-51.1	2,100	931	1,074	R-51.2
N. Dak	281	100	174	R-62.1	297	136	153	R-51.6	302	79	194	R-64.2
S. Dak	307	140	166	R-54.2	301	147	152	R-50.4	328	104	198	R-60.5
Nebr	576	170	406	R-70.5	608	234	360	R-59.2	641	167	420	R-65.5
Kans	916	270	620	R-67.7	958	430	503	R-52.5	980	326	567	R-57.9
So. Atl	**9,923**	**3,076**	**6,748**	**R-68.0**	**11,392**	**6,264**	**5,005**	**D-55.0**	**12,589**	**5,698**	**6,198**	**R-49.2**
Del	236	92	140	R-59.6	236	123	110	D-52.0	235	106	111	R-47.2
Md	1,354	506	829	R-61.3	1,440	760	673	D-52.8	1,540	726	681	D-47.1
D.C	163	128	35	D-78.1	169	138	28	D-81.6	175	131	24	D-74.8
Va	1,457	439	988	R-67.8	1,697	814	837	R-49.3	1,866	752	990	R-53.0
W. Va	762	277	485	R-63.6	751	436	315	D-58.0	738	367	334	D-49.8
N.C	1,519	439	1,055	R-69.5	1,679	927	742	D-55.2	1,856	876	915	R-49.3
S.C	674	187	477	R-70.8	803	451	346	D-56.2	894	430	442	R-49.4
Ga	1,175	290	881	R-75.0	1,467	979	484	D-66.7	1,597	891	654	D-55.8
Fla	2,583	718	1,858	R-71.9	3,151	1,636	1,470	D-51.9	3,687	1,419	2,047	R-55.5
E. So. Cent	**3,921**	**1,112**	**2,723**	**R-69.5**	**4,596**	**2,482**	**2,037**	**D-54.0**	**5,147**	**2,465**	**2,518**	**R-48.9**
Ky	1,067	371	676	R-63.4	1,167	616	532	D-52.8	1,295	616	635	R-49.1
Tenn	1,201	357	813	R-67.7	1,476	826	634	D-55.9	1,618	783	788	R-48.7
Ala	1,006	257	729	R-72.4	1,183	659	504	D-55.7	1,342	637	654	R-48.8
Miss	646	127	505	R-78.2	769	381	367	D-49.6	893	429	441	R-49.4
W. So. Cent	**6,204**	**1,899**	**4,194**	**R-67.6**	**7,210**	**3,774**	**3,354**	**D-52.4**	**8,078**	**3,389**	**4,403**	**R-54.5**
Ark	651	200	449	R-68.9	768	499	268	D-65.0	838	398	403	R-48.1
La	1,051	298	687	R-65.3	1,278	661	587	D-51.7	1,549	708	793	R-51.2
Okla	1,030	247	759	R-73.7	1,092	532	546	R-50.0	1,150	402	696	R-60.5
Tex	3,471	1,154	2,299	R-66.2	4,072	2,082	1,953	D-51.1	4,542	1,881	2,511	R-55.3
Mt	**3,397**	**1,107**	**2,159**	**R-63.6**	**3,815**	**1,569**	**2,124**	**R-55.7**	**4,346**	**1,251**	**2,637**	**R-60.7**
Mont	318	120	184	R-57.9	329	149	174	R-52.8	364	118	207	R-56.8
Idaho	310	81	199	R-64.2	344	127	204	R-59.3	437	110	291	R-66.5
Wyo	146	44	100	R-69.0	156	62	93	R-59.3	177	49	111	R-62.6
Colo	954	330	597	R-62.6	1,082	460	584	R-54.0	1,184	368	652	R-55.1
N. Mex	386	141	236	R-61.0	418	201	211	R-50.5	457	168	251	R-54.9
Ariz	623	199	403	R-64.7	743	296	419	R-56.4	874	247	530	R-60.6
Utah	478	126	324	R-67.6	541	182	338	R-62.4	604	124	440	R-72.8
Nev	182	66	116	R-63.7	202	92	101	R-50.2	248	67	155	R-62.5
Pac	**11,132**	**4,571**	**6,150**	**R-55.2**	**10,867**	**5,140**	**5,364**	**R-49.4**	**11,973**	**4,369**	**6,177**	**R-51.6**
Wash	1,471	568	837	R-56.9	1,556	717	778	R-50.0	1,742	650	865	R-49.7
Oreg	928	393	487	R-52.4	1,030	490	492	R-47.8	1,182	457	571	R-48.3
Calif	8,368	3,476	4,602	R-55.0	7,867	3,742	3,882	R-49.3	8,587	3,084	4,525	R-52.7
Alaska	95	33	55	R-58.1	124	44	72	R-57.9	158	42	86	R-54.3
Hawaii	270	101	169	R-62.5	291	147	140	D-50.6	303	136	130	D-44.8

[1] Includes other parties.

Source: 1972, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election of Nov. 7, 1972* (in some cases, figures have been revised by Elections Research Center, Washington, D.C.); thereafter, Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

No. 419. Vote Cast for United States Senators, by Major Political Parties—States: 1978 to 1982

[In thousands, except percent. Excludes elections to fill vacancies for unexpired term]

Division and State	1978				1980				1982			
	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party
N. Eng.:												
Maine	375	127	212	56.6	(x)	(x)	(x)	(x)	460	280	180	60.9
N.H.	264	128	134	50.7	375	179	196	52.1	(x)	(x)	(x)	(x)
Vt.	(x)	(x)	(x)	(x)	209	104	101	49.8	168	79	84	50.3
Mass.	1,986	1,093	891	55.1	(x)	(x)	(x)	(x)	2,051	1,247	785	60.8
R.I.	306	230	76	75.1	(x)	(x)	(x)	(x)	343	167	175	51.2
Conn.	(x)	(x)	(x)	(x)	1,356	764	582	56.3	1,064	499	546	50.4
Mid. Atl.:												
N.Y.	(x)	(x)	(x)	(x)	6,015	2,619	2,700	44.9	4,968	3,232	1,697	65.1
N.J.	1,958	1,083	844	55.3	(x)	(x)	(x)	(x)	2,194	1,118	1,048	50.9
Pa.	(x)	(x)	(x)	(x)	4,418	2,122	2,230	50.5	3,604	1,413	2,136	59.3
E. No. Cent.:												
Ohio	(x)	(x)	(x)	(x)	4,027	2,771	1,138	68.8	3,395	1,924	1,397	56.7
Ind.	(x)	(x)	(x)	(x)	2,198	1,016	1,182	53.8	1,817	828	978	53.8
Ill.	3,185	1,448	1,699	53.3	4,580	2,565	1,946	56.0	(x)	(x)	(x)	(x)
Mich.	2,847	1,484	1,362	52.1	(x)	(x)	(x)	(x)	2,994	1,729	1,223	57.7
Wis.	(x)	(x)	(x)	(x)	2,204	1,065	1,106	50.2	1,545	983	527	63.6
W. No. Cent.:												
Minn.	1,581	638	894	56.6	(x)	(x)	(x)	(x)	1,805	840	949	52.6
Iowa	825	395	422	51.1	1,277	582	683	53.5	(x)	(x)	(x)	(x)
Mo.	(x)	(x)	(x)	(x)	2,067	1,075	985	52.0	1,544	759	785	50.8
N. Dak.	(x)	(x)	(x)	(x)	299	87	210	70.3	262	165	89	62.8
S. Dak.	256	85	171	66.8	327	129	191	58.2	(x)	(x)	(x)	(x)
Nebr.	494	334	160	67.6	(x)	(x)	(x)	(x)	546	363	156	66.6
Kans.	749	318	403	53.9	939	340	599	63.8	(x)	(x)	(x)	(x)
So. Atl.:												
Del.	162	94	66	58.0	(x)	(x)	(x)	(x)	191	84	105	55.2
Md.	(x)	(x)	(x)	(x)	1,286	435	851	66.2	1,115	707	407	63.5
Va.	1,222	609	613	50.2	(x)	(x)	(x)	(x)	1,416	691	725	51.2
W. Va.	493	249	244	50.5	(x)	(x)	(x)	(x)	565	387	174	68.5
N.C.	1,136	517	619	54.5	1,798	888	898	50.0	(x)	(x)	(x)	(x)
S.C.	633	281	352	55.6	871	613	258	70.4	(x)	(x)	(x)	(x)
Ga.	645	536	109	83.1	1,580	776	804	50.9	(x)	(x)	(x)	(x)
Fla.	(x)	(x)	(x)	(x)	3,528	1,705	1,822	51.7	2,653	1,638	1,015	61.7
E. So. Cent.:												
Ky.	477	291	176	61.0	1,107	721	386	65.1	(x)	(x)	(x)	(x)
Tenn.	1,157	466	643	55.5	(x)	(x)	(x)	(x)	1,260	780	480	61.9
Ala.	582	547	-	94.0	1,297	610	650	50.2	(x)	(x)	(x)	(x)
Miss.	584	185	263	45.1	(x)	(x)	(x)	(x)	645	414	231	64.2
W. So. Cent.:												
Ark.	522	400	85	76.6	80.9	478	331	59.1	(x)	(x)	(x)	(x)
La.	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	(x)	(x)	(x)	(x)
Okla.	754	494	248	65.5	1,098	478	587	53.5	(x)	(x)	(x)	(x)
Tex.	2,313	1,139	1,151	49.8	(x)	(x)	(x)	(x)	3,103	1,818	1,257	58.6
Mt.:												
Mont.	288	160	128	55.7	(x)	(x)	(x)	(x)	321	175	134	54.5
Idaho	284	90	194	68.4	440	214	219	49.7	(x)	(x)	(x)	(x)
Wyo.	133	50	83	62.2	(x)	(x)	(x)	(x)	167	72	95	56.7
Colo.	819	330	481	58.7	1,174	591	571	50.3	(x)	(x)	(x)	(x)
N. Mex.	344	160	183	53.4	(x)	(x)	(x)	(x)	405	218	187	53.8
Ariz.	(x)	(x)	(x)	(x)	874	423	432	49.5	724	412	292	56.9
Utah	(x)	(x)	(x)	(x)	594	151	438	73.6	531	219	309	58.3
Nev.	(x)	(x)	(x)	(x)	246	92	144	58.5	240	115	120	50.1
Pac.:												
Wash.	(x)	(x)	(x)	(x)	1,728	792	936	54.2	1,368	944	332	69.0
Oreg.	893	342	550	61.6	1,140	502	594	52.1	(x)	(x)	(x)	(x)
Calif.	(x)	(x)	(x)	(x)	8,327	4,705	3,093	56.5	7,806	3,495	4,023	51.5
Alaska	123	30	93	75.6	157	72	84	53.7	(x)	(x)	(x)	(x)
Hawaii	(x)	(x)	(x)	(x)	288	224	53	77.9	306	245	52	80.1

- Represents zero. X Not applicable. [1] Includes vote cast for minor parties. [2] Unopposed Democrat; no vote tallied since name not printed on ballot.

Source: Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

NO. 420. APPORTIONMENT OF MEMBERSHIP IN HOUSE OF REPRESENTATIVES, BY STATES: 1790 TO 1980

[Total membership includes Representatives assigned to newly admitted States after the apportionment acts. Population figures used for apportionment purposes are those determined for States by each decennial census. No reapportionment based on 1920 population census. For method of calculating apportionment and a short history of apportionment, see House Report 91-1314, 91st Congress, 2d session, *The Decennial Population Census and Congressional Apportionment.* See also *Historical Statistics, Colonial Times to 1970,* series Y 220-271]

STATE	MEMBERSHIP BASED ON CENSUS OF—																		
	1790	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1930	1940	1950	1960	1970	1980
Total	106	142	186	213	242	232	237	243	293	332	357	391	435	435	435	437	435	435	435
Ala	(x)	(x)	[1] 1	3	5	7	7	6	8	8	9	9	10	9	9	9	8	7	7
Alaska	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1] 1	1	1	1
Ariz	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[2] 1	1	2	2	3	4	5
Ark	(x)	(x)	(x)	(x)	[1] 1	1	2	3	4	5	6	7	7	7	7	6	4	4	4
Calif	(x)	(x)	(x)	(x)	(x)	[1] 2	2	3	4	6	7	8	11	20	23	30	38	43	45
Colo	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1] 1	1	2	3	4	4	4	4	4	5	6
Conn	7	7	7	6	6	4	4	4	4	4	4	5	5	6	6	6	6	6	6
Del	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Fla	(x)	(x)	(x)	(x)	(x)	[1] 1	1	1	2	2	2	3	4	5	6	8	12	15	19
Ga	2	4	6	7	9	8	8	7	9	10	11	11	12	10	10	10	10	10	10
Hawaii	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1] 1	2	2	2
Idaho	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1] 1	1	1	2	2	2	2	2	2	2
Ill	(x)	(x)	[1] 1	1	3	7	9	14	19	20	22	25	27	27	26	25	24	24	22
Ind	(x)	(x)	[1] 1	3	7	10	11	11	13	13	13	13	13	12	11	11	11	11	10
Iowa	(x)	(x)	(x)	(x)	(x)	[1] 2	2	6	9	11	11	11	11	9	8	8	7	6	6
Kans	(x)	(x)	(x)	(x)	(x)	(x)	(x)	1	3	7	8	8	8	7	6	6	5	5	5
Ky	2	6	10	12	13	10	10	9	10	11	11	11	11	9	9	8	7	7	7
La	(x)	(x)	[1] 1	3	3	4	4	5	6	6	6	7	8	8	8	8	8	8	8
Maine	(x)	(x)	(x)	7	8	7	6	5	5	4	4	4	4	3	3	3	2	2	2
Md	8	9	9	9	8	6	6	5	6	6	6	6	6	6	6	7	8	8	8
Mass	14	17	20	13	12	10	11	10	11	12	13	14	16	15	14	14	12	12	11
Mich	(x)	(x)	(x)	(x)	[1] 1	3	4	6	9	11	12	12	13	17	17	18	19	19	18
Minn	(x)	(x)	(x)	(x)	(x)	(x)	[1] 2	2	3	5	7	9	10	9	9	9	8	8	8
Miss	(x)	(x)	[1] 1	1	2	4	5	5	6	7	7	8	8	7	7	6	5	5	5
Mo	(x)	(x)	(x)	1	2	5	7	9	13	14	15	16	16	13	13	11	10	10	9
Mont	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1] 1	1	1	2	2	2	2	2	2	2
Nebr	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1] 1	1	3	6	6	6	5	4	4	3	3	3
Nev	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1] 1	1	1	1	1	1	1	1	1	1	1	2
N.H	4	5	6	6	5	4	3	3	3	2	2	2	2	2	2	2	2	2	2
N.J	5	6	6	6	6	5	5	5	7	7	8	10	12	14	14	14	15	15	14
N. Mex	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[2] 1	1	2	2	2	2	3
N.Y	10	17	27	34	40	34	33	31	33	34	34	37	43	45	45	43	41	39	34
N.C	10	12	13	13	13	9	8	7	8	9	9	10	10	11	12	12	11	11	11
N. Dak	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1] 1	1	2	3	2	2	2	2	1	1
Ohio	(x)	[1] 1	6	14	19	21	21	19	20	21	21	21	22	24	23	23	24	23	21
Okla	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1] 5	8	9	8	6	6	6	6
Oreg	(x)	(x)	(x)	(x)	(x)	(x)	[1] 1	1	1	1	2	2	3	3	4	4	4	4	5
Pa	13	18	23	26	28	24	25	24	27	28	30	32	36	34	33	30	27	25	23
R.I	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
S.C	6	8	9	9	9	7	6	4	5	7	7	7	7	6	6	6	6	6	6
S. Dak	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1] 2	2	2	3	2	2	2	2	2	1
Tenn	[1] 1	3	6	9	13	11	10	8	10	10	10	10	10	9	10	9	9	8	9
Tex	(x)	(x)	(x)	(x)	(x)	[1] 2	2	4	6	11	13	16	18	21	21	22	23	24	27
Utah	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1] 1	1	2	2	2	2	2	2	3
Vt	2	4	6	5	5	4	3	3	3	2	2	2	2	1	1	1	1	1	1
Va	19	22	23	22	21	15	13	11	9	10	10	10	10	9	9	10	10	10	10
Wash	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1] 1	2	3	5	6	6	7	7	7	8
W. Va	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	3	4	4	5	6	6	6	6	5	4	4
Wis	(x)	(x)	(x)	(x)	(x)	[1] 2	3	6	8	9	10	11	11	10	10	10	10	9	9
Wyo	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1] 1	1	1	1	1	1	1	1	1	1

X Not applicable. [1] Assigned after apportionment. [2] Included in apportionment act in anticipation of statehood.

Source: U.S. Bureau of the Census, *1980 Census of Population,* vol. I, chapter A (PC80-1-A).

No. 421. Vote Cast for United States Representatives, by Major Political Parties—States: 1978 to 1982

[**In thousands, except percent.** In each State, totals represent the sum of votes cast in each Congressional District or votes cast for Representative at Large in States where only one member is elected. In all years there are numerous districts within the State where either the Republican or Democratic party had no candidate. In some States the Republican and Democratic vote includes votes cast for the party candidate by endorsing parties. See also *Historical Statistics, Colonial Times to 1970*, series Y 211-214]

Region, division, and state	1978				1980				1982			
	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party
U.S. [2]	**55,332**	**29,688**	**24,849**	**53.7**	**77,995**	**39,338**	**37,370**	**50.4**	**64,514**	**35,696**	**27,799**	**55.3**
Regions:												
Northeast	13,742	7,425	5,995	54.0	17,733	8,840	8,525	49.9	14,636	8,124	6,240	55.5
North Central	16,962	8,557	8,285	50.4	23,720	11,443	12,147	51.2	19,088	10,369	8,550	54.3
South	13,018	7,611	5,262	58.2	21,024	11,749	8,985	55.9	16,826	10,225	6,377	60.8
West	11,612	6,095	5,309	52.5	15,522	7,303	7,711	49.7	13,961	6,975	6,631	50.0
N. Eng	**3,887**	**2,301**	**1,463**	**59.2**	**5,054**	**2,697**	**2,287**	**53.4**	**4,180**	**2,390**	**1,733**	**57.2**
Maine	370	141	209	56.5	513	138	375	73.1	452	187	261	57.7
N.H.	258	122	134	51.7	364	177	187	51.3	269	114	154	57.3
Vt.	121	23	91	75.3	195	–	154	79.2	165	38	114	69.2
Mass	1,809	1,249	472	69.0	2,256	1,473	758	65.3	1,890	1,300	561	68.8
R.I	308	174	134	56.6	387	214	173	55.3	333	174	158	52.2
Conn	1,021	592	423	58.0	1,339	695	640	51.9	1,071	577	485	53.9
Mid. Atl	**9,855**	**5,124**	**4,532**	**52.0**	**12,679**	**6,143**	**6,238**	**49.2**	**10,456**	**5,734**	**4,507**	**54.8**
N.Y. [3]	4,379	2,275	1,983	51.9	5,617	2,771	2,707	49.3	4,681	2,617	1,940	55.9
N.J	1,934	1,044	838	54.0	2,741	1,316	1,369	49.9	2,146	1,206	915	56.2
Pa	3,542	1,805	1,711	51.0	4,321	2,056	2,162	50.0	3,629	1,911	1,652	52.7
E. No. Cent	**11,431**	**5,803**	**5,556**	**50.8**	**16,336**	**7,873**	**8,368**	**51.2**	**12,994**	**7,221**	**5,635**	**55.6**
Ohio	2,780	1,278	1,472	52.9	3,952	1,788	2,136	54.0	3,326	1,807	1,457	54.3
Ind	1,449	752	681	51.9	2,189	1,087	1,100	50.2	1,796	882	910	50.7
Ill	3,044	1,465	1,577	51.8	4,473	2,049	2,418	54.1	3,613	2,093	1,508	57.9
Mich	2,708	1,539	1,150	56.8	3,588	1,877	1,659	52.3	2,808	1,670	1,093	59.4
Wis	1,450	769	676	53.0	2,134	1,072	1,055	50.2	1,451	769	667	53.0
W. No. Cent	**5,531**	**2,754**	**2,729**	**49.8**	**7,384**	**3,570**	**3,779**	**51.2**	**6,094**	**3,148**	**2,915**	**51.7**
Minn	1,526	779	712	51.1	1,905	906	987	51.8	1,750	956	778	54.6
Iowa	812	403	406	50.1	1,257	643	609	51.1	1,005	529	475	52.6
Mo	1,546	967	576	62.5	2,051	1,110	941	54.1	1,528	872	653	57.0
N. Dak	220	68	148	67.1	293	166	125	56.8	260	187	72	71.6
S. Dak	256	120	135	53.0	320	173	146	54.3	276	142	134	51.6
Nebr	495	184	311	62.8	625	167	451	72.2	519	116	402	77.5
Kans	676	233	441	65.2	933	405	520	55.7	756	346	401	53.0
So. Atl	**6,484**	**3,887**	**2,541**	**59.9**	**11,026**	**6,095**	**4,817**	**55.3**	**8,367**	**4,950**	**3,345**	**59.2**
Del	158	65	92	58.2	217	81	134	61.8	188	99	87	52.4
Md	924	604	313	65.4	1,403	866	537	61.7	1,091	743	349	68.1
D.C	96	77	12	79.5	151	112	21	74.4	113	93	17	83.0
Va	1,057	444	595	56.3	1,553	486	1,005	64.7	1,335	630	690	51.7
W. Va	443	291	152	65.7	686	391	295	57.0	546	343	202	62.8
N.C	1,020	607	406	59.5	1,737	964	769	55.5	1,321	708	580	53.6
S.C	577	379	183	65.6	830	408	399	49.2	657	353	295	53.7
Ga	589	472	116	80.2	1,355	974	381	71.9	904	670	225	74.1
Fla. [4] [5]	1,620	948	672	58.5	3,094	1,813	1,276	58.6	2,212	1,311	900	59.3
E. So. Cent	**2,700**	**1,538**	**1,090**	**57.0**	**4,161**	**2,330**	**1,719**	**56.0**	**3,478**	**2,156**	**1,283**	**62.0**
Ky	477	265	208	55.5	1,056	610	442	57.8	700	413	280	59.0
Tenn	1,062	581	449	54.7	1,304	664	619	50.9	1,176	698	470	59.4
Ala	642	440	197	68.4	1,012	628	354	62.1	961	677	273	70.4
Miss	519	252	236	48.5	789	428	304	54.3	641	368	260	57.5
W. Sc. Cent	**3,834**	**2,186**	**1,631**	**55.7**	**5,837**	**3,324**	**2,449**	**56.9**	**4,981**	**3,119**	**1,749**	**62.6**
Ark. [4] [6]	293	98	195	66.6	202	42	159	78.9	759	397	362	52.4
La. [7]	770	472	290	61.3	730	437	290	59.9	517	336	142	65.0
Okla. [4] [8]	589	331	258	56.2	836	440	391	52.6	856	539	310	63.0
Tex	2,182	1,285	888	58.9	4,069	2,405	1,609	59.1	2,849	1,847	935	64.8
Mt	**2,856**	**1,408**	**1,385**	**49.3**	**4,174**	**1,884**	**2,166**	**51.9**	**3,573**	**1,573**	**1,925**	**53.9**
Mont	283	143	140	50.6	339	176	162	52.1	317	166	142	52.4
Idaho	285	118	167	58.6	415	182	233	56.1	321	151	170	53.0
Wyo	129	54	76	58.6	170	53	116	68.6	159	46	113	71.1
Colo	785	369	402	51.2	1,150	506	619	53.9	946	448	485	51.2
N. Mex	285	166	118	58.5	409	176	187	45.9	395	203	192	51.4
Ariz	519	262	231	50.4	854	394	434	50.8	711	300	395	55.5
Utah	379	163	207	54.5	592	232	352	59.4	490	145	312	63.7
Nev	191	133	44	69.5	245	165	63	67.5	234	114	116	49.5
Pac	**8,756**	**4,687**	**3,924**	**53.5**	**11,348**	**5,419**	**5,545**	**48.9**	**10,388**	**5,402**	**4,706**	**52.0**
Wash	979	507	451	51.8	1,626	816	793	50.2	1,307	690	604	52.8
Oreg	874	587	258	67.2	1,106	657	439	59.4	1,015	578	437	56.9
Calif	6,526	3,335	3,106	51.1	8,180	3,666	4,179	51.1	7,587	3,815	3,537	50.3
Alaska	124	55	69	55.4	155	40	114	73.8	181	52	128	70.8
Hawaii	253	203	40	80.1	281	240	20	85.4	298	267	–	89.6

– Represents zero. [1] Includes vote cast for minor parties. [2] Includes vote cast for non-voting Delegate at Large in District of Columbia. [3] Includes votes cast by other endorsing parties for Democratic and Republican candidates. [4] State law does not require tabulation of votes for unopposed candidates. [5] In 1978 Districts 3, 7, 8, 10 and 13 were unopposed; in 1980 District 6 was unopposed; in 1982 Districts 8, 10 and 17 were unopposed. [6] 1978 data for 2nd and 3rd Districts; 1980 data for 2nd District only. [7] Data are for September open primary. [8] In 1978 and 1980 District 3 was unopposed.

Source: Compiled by U.S. Bureau of the Census. Data from Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

NO. 422. REPRESENTATIVES ELECTED, BY PERCENT OF VOTE CAST FOR WINNER AND MAJOR PARTY, 1970 TO 1982, AND BY STATES, 1982

YEAR, REGION, DIVISION, AND STATE	TOTAL REPRESENTATIVES ELECTED				DEMOCRATS ELECTED				REPUBLICANS ELECTED				REPRESENTATIVES ELECTED WITH NO MAJOR PARTY OPPOSITION		
	Total	Percentage of vote			Total	Percentage of vote			Total	Percentage of vote			Total	Democrats	Republicans
		Under 55	55–59.9	60 and over		Under 55	55–59.9	60 and over		Under 55	55–59.9	60 and over			
1970	435	59	64	312	255	28	26	201	180	31	38	111	63	58	5
1972	[1] 435	[1] 67	60	308	242	28	29	185	192	38	31	123	54	46	8
1974	435	105	69	261	291	48	34	209	144	57	35	52	60	59	1
1976	435	76	62	297	292	52	32	208	143	24	30	89	52	46	6
1978	435	74	61	300	277	46	36	195	158	28	25	105	70	51	19
1980	435	78	63	294	243	35	35	173	192	43	28	121	54	39	15
1982, total	**435**	**76**	**73**	**286**	**269**	**40**	**33**	**196**	**166**	**36**	**40**	**90**	**56**	**46**	**10**
Regions:															
Northeast	95	15	16	64	58	8	7	43	37	7	9	21	10	9	1
No. Central	113	18	24	71	62	8	9	45	51	10	15	26	8	6	2
South	142	27	13	102	103	16	4	83	39	11	9	19	34	27	7
West	85	16	20	49	46	8	13	25	39	8	7	24	4	4	–
N. Eng.	**24**	**4**	**6**	**14**	**16**	**2**	**4**	**10**	**8**	**2**	**2**	**4**	**4**	**3**	**1**
Maine	2	1	–	1	–	–	–	–	2	1	–	1	–	–	–
N.H	2	1	–	1	1	1	–	–	1	–	–	1	–	–	–
Vt	1	–	–	1	–	–	–	–	1	–	–	1	–	–	–
Mass	11	–	2	9	10	–	2	8	1	–	–	1	4	3	1
R.I	2	–	1	1	1	–	–	1	1	–	1	–	–	–	–
Conn	6	2	3	1	4	1	2	1	2	1	1	–	–	–	–
Mid. Atl	**71**	**11**	**10**	**50**	**42**	**6**	**3**	**33**	**29**	**5**	**7**	**17**	**6**	**6**	–
N.Y	34	4	5	25	20	1	2	17	14	3	3	8	5	5	–
N.J	14	2	2	10	9	1	–	8	5	1	2	2	–	–	–
Pa	23	5	3	15	13	4	1	8	10	1	2	7	1	1	–
E. No. Cent	**80**	**10**	**14**	**56**	**44**	**4**	**5**	**35**	**36**	**6**	**9**	**21**	**7**	**6**	**1**
Ohio	21	1	6	14	10	–	2	8	11	1	4	6	2	2	–
Ind	10	2	2	6	5	1	2	2	5	1	–	4	–	–	–
Ill	22	5	2	15	12	2	–	10	10	3	2	5	–	–	–
Mich	18	2	2	14	12	1	1	10	6	1	1	4	3	3	–
Wis	9	–	2	7	5	–	–	5	4	–	2	2	2	1	1
W. No. Cent	**33**	**8**	**10**	**15**	**18**	**4**	**4**	**10**	**15**	**4**	**6**	**5**	**1**	–	**1**
Minn	8	4	–	4	5	2	–	3	3	2	–	1	–	–	–
Iowa	6	–	4	2	3	–	1	2	3	–	3	–	–	–	–
Mo	9	3	3	3	6	1	2	3	3	2	1	–	–	–	–
N. Dak	1	–	–	1	1	–	–	1	–	–	–	–	–	–	–
S. Dak	1	1	–	–	1	1	–	–	–	–	–	–	–	–	–
Nebr	3	–	1	2	–	–	–	–	3	–	1	2	1	–	1
Kans	5	–	2	3	2	–	1	1	3	–	1	2	–	–	–
So. Atl	**69**	**17**	**10**	**42**	**50**	**11**	**3**	**36**	**19**	**6**	**7**	**6**	**10**	**7**	**3**
Del	1	1	–	–	1	1	–	–	–	–	–	–	–	–	–
Md	8	1	–	7	7	1	–	6	1	–	–	1	–	–	–
Va	10	6	2	2	4	3	–	1	6	3	2	1	2	1	1
W. Va	4	1	1	2	4	1	1	2	–	–	–	–	–	–	–
N.C	11	4	2	5	9	4	1	4	2	–	1	1	1	–	1
S.C	6	2	1	3	3	1	–	2	3	1	1	1	1	1	–
Ga	10	–	1	9	9	–	–	9	1	–	1	–	3	3	–
Fla	19	2	3	14	13	–	1	12	6	2	2	2	3	2	1
E. So. Cent	**28**	**6**	**1**	**21**	**18**	**2**	–	**16**	**10**	**4**	**1**	**5**	**7**	**6**	**1**
Ky	7	1	1	5	4	–	–	4	3	1	1	1	1	1	–
Tenn	9	1	–	8	6	–	–	6	3	1	–	2	2	1	1
Ala	7	2	–	5	5	1	–	4	2	1	–	1	3	3	–
Miss	5	2	–	3	3	1	–	2	2	1	–	1	1	1	–
W. So. Cent	**45**	**4**	**2**	**39**	**35**	**3**	**1**	**31**	**10**	**1**	**1**	**8**	**17**	**14**	**3**
Ark	4	1	–	3	2	–	–	2	2	1	–	1	–	–	–
La	8	–	–	8	6	–	–	6	2	–	–	2	8	6	2
Okla	6	1	–	5	5	1	–	4	1	–	–	1	–	–	–
Tex	27	2	2	23	22	2	1	19	5	–	1	4	9	8	1
Mt	**24**	**7**	**5**	**12**	**8**	**2**	**2**	**4**	**16**	**5**	**3**	**8**	–	–	–
Mont	2	1	1	–	1	–	1	–	1	1	–	–	–	–	–
Idaho	2	2	–	–	–	–	–	–	2	2	–	–	–	–	–
Wyo	1	–	–	1	–	–	–	–	1	–	–	1	–	–	–
Colo	6	1	1	4	3	1	–	2	3	–	1	2	–	–	–
N. Mex	3	1	1	1	1	–	–	1	2	1	1	–	–	–	–
Ariz	5	1	–	4	2	1	–	1	3	–	–	3	–	–	–
Utah	3	1	–	2	–	–	–	–	3	1	–	2	–	–	–
Nev	2	–	2	–	1	–	1	–	1	–	1	–	–	–	–
Pac	**61**	**9**	**15**	**37**	**38**	**6**	**11**	**21**	**23**	**3**	**4**	**16**	**4**	**4**	–
Wash	8	–	2	6	5	–	1	4	3	–	1	2	–	–	–
Oreg	5	2	2	1	3	1	1	1	2	1	1	–	–	–	–
Calif	45	7	11	27	28	5	9	14	17	2	2	13	2	2	–
Alaska	1	–	–	1	–	–	–	–	1	–	–	1	–	–	–
Hawaii	2	–	–	2	2	–	–	2	–	–	–	–	2	2	–

– Represents zero. [1] Includes one Representative elected as an Independent.

Source: Compiled by U.S. Bureau of the Census from Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 37, No. 13, March 31, 1979, vol. 39, No. 17, April 5, 1981 and vol. 41, No. 7, February 19, 1983 (copyright).

NO. 423. COMPOSITION OF CONGRESS, BY POLITICAL PARTY: 1939 TO 1983

[D=Democratic, R=Republican. Data for beginning of first session of each Congress; exclude vacancies at beginning of session. See also *Historical Statistics, Colonial Times to 1970*, series Y 204–210]

YEAR	Party and President	Congress	HOUSE			SENATE		
			Majority party	Minority party	Other	Majority party	Minority party	Other
1939	D (F. Roosevelt)	76th	D–261	R–169	4	D–69	R–23	4
1941	D (F. Roosevelt)	77th	D–268	R–162	5	D–66	R–28	2
1943	D (F. Roosevelt)	78th	D–218	R–208	4	D–58	R–37	1
1945	D (F. Roosevelt)	79th	D–242	R–190	2	D–56	R–38	1
1947	D (Truman)	80th	R–245	D–188	1	R–51	D–45	–
1949	D (Truman)	81st	D–263	R–171	1	D–54	R–42	–
1951	D (Truman)	82d	D–234	R–199	1	D–49	R–47	–
1953	R (Eisenhower)	83d	R–221	D–211	1	R–48	D–47	1
1955	R (Eisenhower)	84th	D–232	R–203	–	D–48	R–47	1
1957	R (Eisenhower)	85th	D–233	R–200	–	D–49	R–47	–
1959 [1]	R (Eisenhower)	86th	D–284	R–153	–	D–65	R–35	–
1961	D (Kennedy)	87th	D–263	R–174	–	D–65	R–35	–
1963	D (Kennedy)	88th	D–258	R–177	–	D–67	R–33	–
1965	D (Johnson)	89th	D–295	R–140	–	D–68	R–32	–
1967	D (Johnson)	90th	D–247	R–187	–	D–64	R–36	–
1969	R (Nixon)	91st	D–243	R–192	–	D–57	R–43	–
1971 [2]	R (Nixon)	92d	D–254	R–180	–	D–54	R–44	2
1973 [2] [3]	R (Nixon)	93d	D–239	R–192	1	D–56	R–42	2
1975 [4]	R (Ford)	94th	D–291	R–144	–	D–60	R–37	2
1977 [5]	D (Carter)	95th	D–292	R–143	–	D–61	R–38	1
1979 [5]	D (Carter)	96th	D–276	R–157	–	D–58	R–41	1
1981 [6]	R (Reagan)	97th	D–243	R–192	–	R–53	D–46	1
1983	R (Reagan)	98th	D–269	R–165	–	R–54	D–46	–

– Represents zero. [1] Includes Hawaii; members seated Aug. 1959. [2] Senate had 1 Independent and 1 Conservative-Republican. [3] House had 1 Independent-Democrat. [4] Senate had 1 Independent, 1 Conservative-Republican, and 1 undecided (New Hampshire). [5] Senate had 1 Independent.

Source: U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; beginning 1977, biennial.

NO. 424. CONGRESSIONAL BILLS, ACTS, AND RESOLUTIONS: 1965 TO 1982

[Excludes simple and concurrent resolutions. See also *Historical Statistics, Colonial Times to 1970*, series Y 189–198]

ITEM	89th Cong., 1965–66	90th Cong., 1967–68	91st Cong., 1969–70	92d Cong., 1971–72	93d Cong., 1973–74	94th Cong., 1975–76	95th Cong., 1977–78	96th Cong., 1979–80	97th Cong., 1981–82
Measures introduced	24,003	26,460	26,303	22,969	23,396	21,096	19,387	12,583	11,490
Bills	22,483	24,786	24,631	21,363	21,950	19,762	18,045	11,722	10,582
Joint resolutions	1,520	1,674	1,672	1,606	1,446	1,334	1,342	861	908
Measures enacted	1,283	1,002	941	768	774	729	803	736	529
Public	810	640	695	607	651	588	633	613	473
Private	473	362	246	161	123	141	170	123	56

Source: U.S. Congress, *Calendars of the U.S. House of Representatives and History of Legislation*, annual.

NO. 425. CONGRESSIONAL BILLS VETOED: 1923 TO 1982

[See also *Historical Statistics, Colonial Times to 1970*, series Y 199–203]

PERIOD	President	Total vetoes	Regular vetoes	Pocket vetoes	Vetoes sustained	Bills passed over veto
1923–1929	Coolidge	50	20	30	46	4
1929–1933	Hoover	37	21	16	34	3
1933–1945	F. Roosevelt	635	372	263	626	9
1945–1953	Truman	250	180	70	238	12
1953–1961	Eisenhower	181	73	108	179	2
1961–1963	Kennedy	21	12	9	21	–
1963–1969	Johnson	30	16	14	30	–
1969–1974	Nixon	42	24	18	36	6
1974–1977	Ford	72	53	19	60	12
1977–1981	Carter	31	13	18	29	2
1981–1982	Reagan	15	9	6	13	2

– Represents zero.

Source: U.S. Congress, Senate Library, *Presidential Vetoes . . . 1789–1968*; U.S. Congress, *Calendars of the U.S. House of Representatives and History of Legislation*, annual.

NO. 426. COMPOSITION OF CONGRESS, BY POLITICAL PARTY AFFILIATIONS—STATES: 1977 TO 1983

[Figures are for the beginning of the first session. Dem. = Democratic; Rep. = Republican. For composition of regions, see fig. I inside front cover]

REGION, DIVISION, AND STATE	REPRESENTATIVES								SENATORS							
	95th Cong., 1977		96th Cong.,[1] 1979		97th Cong., 1981		98th Cong.,[2] 1983		95th Cong.,[3] 1977		96th Cong.,[3] 1979		97th Cong.,[3] 1981		98th Cong., 1983	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
U.S.	**292**	**143**	**276**	**157**	**243**	**192**	**269**	**165**	**61**	**38**	**58**	**41**	**46**	**53**	**46**	**54**
Regions:																
Northeast	73	31	69	35	59	45	58	37	10	8	10	8	9	9	9	9
North Central	68	53	65	55	58	63	62	51	16	8	14	10	10	14	10	14
South	100	34	96	38	87	47	103	39	22	9	22	9	18	13	18	14
West	51	25	46	29	39	37	46	38	13	13	12	14	9	17	9	17
N. Eng	**17**	**8**	**18**	**7**	**16**	**9**	**16**	**8**	**8**	**4**	**7**	**5**	**6**	**6**	**6**	**6**
Maine	–	2	–	2	–	2	–	2	2	–	1	1	1	1	1	1
N.H	1	1	1	1	1	1	1	1	2	–	1	1	–	2	–	2
Vt	–	1	–	1	–	1	–	1	1	1	1	1	1	1	1	1
Mass	10	2	10	2	10	2	10	1	1	1	2	–	2	–	2	–
R.I	2	–	2	–	1	1	1	1	1	1	1	1	1	1	1	1
Conn	4	2	5	1	4	2	4	2	1	1	1	1	1	1	1	1
Mid. Atl	**56**	**23**	**51**	**28**	**43**	**36**	**42**	**29**	**2**	**4**	**3**	**3**	**3**	**3**	**3**	**3**
N.Y	28	11	26	13	22	17	20	14	1	1	1	1	1	1	1	1
N.J	11	4	10	5	8	7	9	5	1	1	2	–	2	–	2	–
Pa	17	8	15	10	13	12	13	10	–	2	–	2	–	2	–	2
E. No. Cent	**48**	**38**	**47**	**38**	**43**	**43**	**44**	**35**	**7**	**3**	**8**	**2**	**6**	**4**	**6**	**4**
Ohio	10	13	10	13	10	13	10	11	2	–	2	–	2	–	2	–
Ind	8	3	7	4	6	5	5	5	1	1	1	–	2	–	2	2
Ill	12	12	11	13	10	14	12	10	1	1	1	1	1	1	1	1
Mich	11	8	13	6	12	7	12	6	1	1	2	–	2	–	2	–
Wis	7	2	6	2	5	4	5	4	2	–	2	–	1	1	1	1
W. No. Cent	**20**	**15**	**18**	**17**	**15**	**20**	**18**	**15**	**9**	**5**	**6**	**8**	**4**	**10**	**4**	**10**
Minn	5	3	4	4	3	5	5	3	2	–	–	2	–	2	–	2
Iowa	4	2	3	3	3	3	3	3	2	–	1	1	–	2	–	2
Mo	8	2	8	2	6	4	6	3	1	1	1	1	1	1	1	1
N. Dak	–	1	–	1	1	–	1	–	1	1	1	1	1	1	1	1
S. Dak	–	2	1	1	1	1	1	–	2	–	1	1	–	2	–	2
Nebr	1	2	1	2	–	3	–	3	1	1	2	–	2	–	2	–
Kans	2	3	1	4	1	4	2	3	–	2	–	2	–	2	–	2
So. Atl	**47**	**18**	**48**	**17**	**39**	**26**	**50**	**19**	**10**	**5**	**10**	**5**	**7**	**8**	**7**	**9**
Del	–	1	–	1	–	1	1	–	1	1	1	1	1	1	1	1
Md	5	3	6	2	7	1	7	1	1	1	1	1	1	1	1	1
Va	4	6	4	6	1	9	4	6	–	1	–	1	–	1	–	2
W. Va	4	–	4	–	2	2	4	–	2	–	2	–	2	–	2	–
N.C	9	2	9	2	7	4	9	2	1	1	1	1	–	2	–	2
S.C	5	1	4	2	2	4	3	3	1	1	1	1	1	1	1	1
Ga	10	–	9	1	9	1	9	1	2	–	2	–	1	1	1	1
Fla	10	5	12	3	11	4	13	6	2	–	2	–	1	1	1	1
E. So. Cent	**17**	**10**	**16**	**11**	**16**	**11**	**18**	**10**	**7**	**1**	**6**	**2**	**5**	**3**	**5**	**3**
Ky	5	2	4	3	4	3	4	3	2	–	2	–	2	–	2	–
Tenn	5	3	5	3	5	3	6	3	1	1	1	1	1	1	1	1
Ala	4	3	4	3	4	3	5	2	2	–	2	–	1	1	1	1
Miss	3	2	3	2	3	2	3	2	2	–	1	1	1	1	1	1
W. So. Cent	**36**	**6**	**32**	**10**	**32**	**10**	**35**	**10**	**5**	**3**	**6**	**2**	**6**	**2**	**6**	**2**
Ark	3	1	2	2	2	2	2	2	2	–	2	–	2	–	2	–
La	6	2	5	3	6	2	6	2	2	–	2	–	2	–	2	–
Okla	5	1	5	1	5	1	5	1	–	2	1	1	1	1	1	1
Tex	22	2	20	4	19	5	22	5	1	1	1	1	1	1	1	1
Mt	**10**	**9**	**9**	**10**	**7**	**12**	**8**	**15**	**7**	**9**	**6**	**10**	**5**	**11**	**5**	**11**
Mont	1	1	1	1	1	1	1	1	2	–	2	–	2	–	2	–
Idaho	–	2	–	2	–	2	–	2	1	1	1	1	–	2	–	2
Wyo	1	–	–	1	–	1	–	1	–	2	–	2	–	2	–	2
Colo	3	2	3	2	3	2	3	2	2	–	1	1	1	1	1	1
N. Mex	1	1	1	1	–	2	1	2	–	2	–	2	–	2	1	1
Ariz	2	2	2	2	2	2	2	3	1	1	1	1	1	1	1	1
Utah	1	1	1	1	–	2	–	3	–	2	–	2	–	2	–	2
Nev	1	–	1	–	1	–	1	1	1	1	1	1	1	1	–	2
Pac	**41**	**16**	**37**	**19**	**32**	**25**	**38**	**23**	**6**	**4**	**6**	**4**	**4**	**6**	**4**	**6**
Wash	6	1	6	1	5	2	5	3	2	–	2	–	1	1	1	1
Oreg	4	–	4	–	3	1	3	2	–	2	–	2	–	2	–	2
Calif	29	14	25	17	22	21	28	17	1	1	1	1	1	1	1	1
Alaska	–	1	–	1	–	1	–	1	1	1	1	1	1	–	2	–
Hawaii	2	–	2	–	2	–	2	–	2	–	2	–	2	–	2	–

– Represents zero. [1] Calif. and Wis. each had 1 vacancy. [2] Colo. had one vacancy. [3] Va. had 1 Senator classified Independent.

Source: U.S. Congress, Joint Committee on Printing, *Congressional Directory*, biennial.

No. 427. Members of Congress—Incumbents Re-elected: 1958 to 1982

Item	Presidential-year elections						Midterm elections						
	1960	1964	1968	1972	1976	1980	1958	1962	1966	1970	1974	1978	1982
Representatives:													
Incumbent candidates	405	397	409	390	384	398	396	402	411	401	391	382	393
Re-elected	375	344	396	365	368	361	356	368	362	379	343	358	354
Percent of candidates	92.6	86.6	96.8	93.6	95.8	90.7	89.9	91.5	88.1	94.5	87.7	93.7	90.0
Defeated: In primaries	[1] 5	8	4	12	3	6	3	12	8	10	8	5	[2] 10
In general elections	25	45	9	13	13	31	37	22	41	12	40	19	29
Senators:													
Incumbent candidates	29	33	28	27	25	29	28	35	32	31	27	25	30
Re-elected	28	28	20	20	16	16	18	29	28	24	23	15	28
Percent of candidates	96.6	84.8	71.4	74.1	64.0	55.2	64.3	82.9	87.5	77.4	85.2	60.0	93.3
Defeated: In primaries	-	1	4	2	-	4	-	1	3	1	2	3	-
In general elections	1	4	4	5	9	9	10	5	1	6	2	7	2

- Represents zero. [1] Excludes one Representative defeated in primary who was subsequently the party's nominee after primary victor's death. [2] Six incumbents defeated in primaries by other incumbents due to redistricting.

Source: Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, Nos. 14 and 45, April 5 and Nov. 8, 1980 and vol. 40, Nos. 45 and 49, Nov. 6 and Dec. 4, 1982. (Copyright.)

No. 428. Members of Congress—Selected Characteristics: 1971 to 1983

[As of beginning of first session of each Congress. Figures for Representatives exclude vacancies]

Members of Congress and year	Male	Female	Black	Married	Not married [1]	Age (in years)					
						Under 40	40–49	50–59	60–69	70–79	80 and over
REPRESENTATIVES											
92d Cong., 1971	421	12	12	407	26	40	133	152	86	19	3
93d Cong., 1973	419	14	15	399	34	45	132	154	80	20	2
94th Cong., 1975	416	19	15	381	54	69	138	137	75	14	2
95th Cong., 1977	417	18	16	379	56	81	121	147	71	15	-
96th Cong., 1979	417	16	16	364	69	86	125	145	63	14	-
97th Cong., 1981	416	19	17	349	86	94	142	132	54	12	1
98th Cong., 1983	413	21	21	366	68	86	145	132	57	13	1
SENATORS											
92d Cong., 1971	99	1	1	97	3	4	24	32	23	16	1
93d Cong., 1973	100	~	1	96	4	3	25	37	23	11	1
94th Cong., 1975 [2]	100	~	1	94	6	5	21	35	24	15	-
95th Cong., 1977	100	~	1	91	9	6	26	35	21	10	2
96th Cong., 1979	99	1	-	95	5	10	31	33	17	8	1
97th Cong., 1981	98	2	-	93	7	9	35	36	14	6	-
98th Cong., 1983	98	2	-	90	10	7	28	39	20	3	3

- Represents zero. [1] Single, widowed, or divorced. [2] Includes Sen. Durkin, N.H., seated Sept. 1975.

No. 429. Members of Congress—Seniority and Occupation: 1977 to 1983

[As of beginning of first session of each Congress. Dem. = Democratic; Rep. = Republican]

Seniority and occupation	Representatives						Senators					
	95th Cong., 1977	96th Cong., 1979	97th Cong., 1981	98th Cong., 1983 [1]			95th Cong., 1977	96th Cong., 1979	97th Cong., 1981	98th Cong., 1983		
				Total	Dem.	Rep.				Total	Dem.	Rep.
Total	**435**	[2] 435	435	[3] 435	269	165	100	100	100	100	46	54
Seniority: [4]												
Less than 2 years	71	80	77	83	58	25	18	20	19	5	2	3
2–9 years	207	206	231	224	132	92	41	41	51	61	26	35
10–19 years	116	105	95	88	48	40	24	23	17	21	8	13
20–29 years	33	32	23	28	20	8	12	12	11	10	7	3
30 years or more	8	10	8	11	11	-	5	4	2	3	3	-
Occupation: [5]												
Agriculture	16	19	28	29	13	16	9	6	9	9	2	7
Business or banking	118	127	134	139	73	66	24	29	28	35	14	21
Education	70	57	59	43	30	13	8	7	10	12	5	7
Journalism	27	11	21	21	12	9	6	2	7	7	5	2
Law	222	205	194	201	135	66	68	65	59	61	32	29
Public service/politics	60	41	52	49	36	13	17	12	13	2	-	2

- Represents zero. [1] Data have been adjusted for the subsequent switching of parties by one Representative and the Representative elected to fill the vacancy created by the death of Representative Rosenthal. [2] Includes 2 vacancies. [3] Includes one vacancy. [4] Represents consecutive years of service. [5] Not all occupations reported are listed. Source: Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 41 No. 4, Jan. 29, 1983, and previous issues (copyright), and unpublished data. Members of Congress may state more than 1 occupation; therefore, sum may be greater than total.

Source of tables 428 and 429: Except as noted, compiled by U.S. Bureau of the Census from U.S. Congress, Joint Committee on Printing, *Congressional Directory*, biennial.

No. 430. Number of Governors, by Political Party Affiliations: 1960 to 1983

[Reflects results of elections in November of previous year and holdover incumbents]

Year	Democratic	Republican	Year	Democratic	Republican	Independent	Year	Democratic	Republican	Independent
1960	34	16	1968	24	26	-	1976	36	13	1
1961	34	16	1969	20	30	-	1977	37	12	1
1962	34	16	1970	18	32	-	1978	37	12	1
1963	34	16	1971	29	21	-	1979	32	18	-
1964	34	16	1972	30	20	-	1980	31	19	-
1965	33	17	1973	31	19	-	1981	27	23	-
1966	33	17	1974	32	18	-	1982	27	23	-
1967	25	25	1975	36	13	1	1983	34	16	-

- Represents zero.

Source: National Governors' Association, Washington, D.C., *Governors of the American States, Commonwealths, and Territories, 1983*. (Copyright.)

No. 431. Vote Cast for and Governor Elected, by States: 1976 to 1982

[In thousands, except percent. D=Democratic, R=Republican]

Division and State	1976		1978		1980		1982		Candidate elected at most recent election
	Total vote [1]	Percent leading party	Total vote [1]	Percent leading party	Total vote [1]	Percent leading party	Total vote [1]	Percent leading party	
N. Eng.:									
Maine	(x)	(x)	370	D-47.7	(x)	(x)	460	D-61.1	Joseph E. Brennan
N.H	343	R-57.7	270	D-49.4	384	D-59.0	283	R-51.4	John H. Sununu
Vt	186	R-53.4	124	R-62.8	210	R-58.6	169	R-55.0	Richard A. Snelling
Mass	(x)	(x)	1,962	D-52.5	(x)	(x)	2,050	D-59.5	Michael S. Dukakis
R.I	399	D-54.8	314	D-62.8	406	D-73.7	337	D-73.3	J. Joseph Garrahy
Conn	(x)	(x)	1,037	D-59.2	(x)	(x)	1,084	D-53.3	William A. O'Neill
Mid. Atl.:									
N.Y	(x)	(x)	4,769	D-50.9	(x)	(x)	5,255	D-50.9	Mario M. Cuomo
N.J. [2]	2,126	D-55.7	(x)	(x)	2,317	R-49.5	(x)	(x)	Thomas H. Kean
Pa	(x)	(x)	3,743	R-52.5	(x)	(x)	3,684	R-50.8	Richard Thornburgh
E. No. Cent.:									
Ohio	(x)	(x)	2,843	R-49.3	(x)	(x)	3,357	D-59.0	Richard F. Celeste
Ind	2,175	R-56.8	(x)	(x)	2,178	R-57.7	(x)	(x)	Robert D. Orr
Ill	4,639	R-64.7	3,150	R-59.0	(x)	(x)	3,674	R-49.4	James R. Thompson
Mich	(x)	(x)	2,867	R-56.8	(x)	(x)	3,040	D-51.4	James J. Blanchard
Wis	(x)	(x)	1,501	R-54.4	(x)	(x)	1,580	D-56.7	Anthony S. Earl
W. No. Cent.:									
Minn	(x)	(x)	1,586	R-52.3	(x)	(x)	1,786	D-58.8	Rudy Perpich
Iowa	(x)	(x)	843	R-58.3	(x)	(x)	1,038	R-52.8	Terry E. Branstad
Mo	1,934	D-50.2	(x)	(x)	2,088	R-52.6	(x)	(x)	Christopher S. Bond
N. Dak	297	D-51.6	(x)	(x)	303	R-53.6	(x)	(x)	Allen I. Olson
S. Dak	(x)	(x)	260	R-56.6	(x)	(x)	279	R-70.9	William J. Janklow
Nebr	(x)	(x)	492	R-55.9	(x)	(x)	548	D-50.6	Bob Kerrey
Kans	(x)	(x)	736	D-48.4	(x)	(x)	763	D-53.2	John Carlin
So. Atl.:									
Del	230	R-56.9	(x)	(x)	225	R-70.6	(x)	(x)	Pierre S. du Pont
Md	(x)	(x)	1,012	D-71.0	(x)	(x)	1,139	D-62.0	Harry Hughes
Va. [3]	1,251	R-55.9	(x)	(x)	1,421	D-53.5	(x)	(x)	Charles S. Robb
W. Va	749	D-66.2	(x)	(x)	742	D-54.1	(x)	(x)	John D. Rockefeller, IV
N.C	1,664	D-65.0	(x)	(x)	1,847	D-61.9	(x)	(x)	James B. Hunt, Jr.
S.C	(x)	(x)	627	D-61.4	(x)	(x)	672	D-69.8	Richard W. Riley
Ga	(x)	(x)	663	D-80.7	(x)	(x)	1,169	D-62.8	Joe Frank Harris
Fla	(x)	(x)	2,530	D-55.6	(x)	(x)	2,689	D-64.7	Robert Graham
E. So. Cent.:									
Ky. [3]	748	D-62.8	939	D-59.4	(x)	(x)	(x)	(x)	John Y. Brown
Tenn	(x)	(x)	1,190	R-55.6	(x)	(x)	1,239	R-59.6	Lamar Alexander
Ala	(x)	(x)	760	D-72.6	(x)	(x)	1,129	D-57.6	George C. Wallace
Miss. [3]	708	D-52.2	677	D-61.1	(x)	(x)	(x)	(x)	William Winter
W. So. Cent.:									
Ark	727	D-83.2	529	D-63.3	839	R-51.9	789	D-54.7	Bill Clinton
La	[4] 1,203	[4] 62.4	[5] 1,372	[5] R-50.3	(x)	(x)	(x)	(x)	David C. Treen
Okla	(x)	(x)	777	D-51.7	(x)	(x)	883	D-62.1	George Nigh
Tex	(x)	(x)	2,370	R-50.0	(x)	(x)	3,191	D-53.2	Mark White
Mt.:									
Mont	317	D-61.7	(x)	(x)	360	D-55.4	(x)	(x)	Ted Schwinden
Idaho	(x)	(x)	289	D-74.5	(x)	(x)	327	D-50.6	John V. Evans
Wyo	(x)	(x)	138	D-50.9	(x)	(x)	169	D-63.1	Ed Herschler
Colo	(x)	(x)	824	D-58.8	(x)	(x)	956	D-65.7	Richard D. Lamm
N. Mex	(x)	(x)	346	D-50.5	(x)	(x)	407	D-53.0	Toney Anaya
Ariz	(x)	(x)	539	D-52.5	(x)	(x)	726	D-62.5	Bruce Babbitt
Utah	540	D-52.0	(x)	(x)	600	D-55.2	(x)	(x)	Scott M. Matheson
Nev	(x)	(x)	192	R-56.2	(x)	(x)	240	D-53.4	Richard H. Bryan
Pac.:									
Wash	1,546	D-53.1	(x)	(x)	1,731	R-56.7	(x)	(x)	John Spellman
Oreg	(x)	(x)	911	R-54.7	(x)	(x)	1,042	R-61.4	Victor Atiyeh
Calif	(x)	(x)	6,922	D-56.0	(x)	(x)	7,877	R-49.3	George Deukmejian
Alaska	(x)	(x)	127	R-39.1	(x)	(x)	195	D-46.1	Bill Sheffield
Hawaii	(x)	(x)	282	D-54.5	(x)	(x)	312	D-45.2	George R. Ariyoshi

X Not applicable. [1] Includes minor party and scattered votes. [2] Voting years 1977, and 1981. [3] Voting years 1975 and 1979. [4] Primary election, Nov. 1975, held on a non-party basis. [5] Dec. 1979 vote.

Source: Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

No. 432. Composition of State Legislatures, by Political Party Affiliations: 1976 to 1982

[Data reflect election results in year shown for most States; and, except as noted, *results in previous year for other States*. Figures reflect immediate results of elections, including holdover members in State houses which do not have all of their members running for re-election. Dem.=Democratic; Rep.=Republican. In general, Lower House refers to body consisting of State *Representatives; Upper House, of State Senators*]

STATE	LOWER HOUSE								UPPER HOUSE							
	1976 [1 2]		1978 [3 4]		1980 [5 6]		1982 [7]		1976 [2 8]		1978 [4 9]		1980 [6 10]		1982 [11]	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
U.S.	**3,772**	**1,783**	**3,454**	**2,027**	**3,289**	**2,190**	**3,438**	**2,002**	**1,306**	**618**	**1,260**	**669**	**1,182**	**742**	**1,222**	**710**
Ala.[12]	103	2	101	4	100	4	97	8	34	–	35	–	35	–	32	3
Alaska [13]	25	15	25	14	22	16	19	21	12	8	9	11	11	9	9	11
Ariz.[14]	22	38	18	42	17	43	21	39	16	14	14	16	14	16	12	18
Ark.[13]	95	5	94	6	93	7	93	7	34	1	35	–	34	1	32	3
Calif.[13]	57	23	50	30	48	32	48	32	26	14	25	14	23	17	25	15
Colo.[13]	30	35	27	38	26	39	25	40	17	18	13	22	13	22	14	21
Conn.[14]	91	60	103	48	83	68	88	63	22	14	26	10	22	13	23	13
Del.[13]	26	15	20	21	16	25	25	16	13	8	13	8	12	9	13	8
Fla.[13]	93	27	89	31	81	39	84	36	30	9	29	11	27	13	32	8
Ga.[14]	156	24	160	20	156	23	156	24	52	4	51	5	51	5	48	7
Hawaii [13]	41	10	42	9	39	12	43	8	18	7	18	7	17	8	20	5
Idaho [14]	22	48	20	50	14	56	19	51	15	20	16	19	12	23	14	21
Ill.[13]	94	83	89	88	86	91	70	48	34	25	32	27	30	29	33	26
Ind.[13]	48	52	46	54	35	63	43	57	28	22	21	29	15	35	18	32
Iowa [13]	59	41	44	56	42	58	60	40	26	24	21	29	22	28	28	22
Kans.[13]	65	60	56	69	53	72	53	72	19	21	19	21	16	24	16	24
Ky.[13]	78	22	75	25	75	24	76	24	29	9	29	9	29	9	29	9
La.[12]	101	4	96	9	95	10	95	9	38	1	39	–	39	–	39	–
Maine [14]	89	62	77	73	84	67	92	59	12	21	13	19	16	17	23	10
Md.[12]	125	15	125	16	125	15	124	17	39	8	40	7	40	7	41	6
Mass.[14]	192	44	129	30	128	31	131	29	34	6	34	6	32	7	33	7
Mich.[13]	68	42	70	40	64	46	63	47	24	14	24	14	24	14	20	18
Minn.[13]	100	34	67	67	70	64	77	57	48	19	47	20	45	22	42	25
Miss.[12]	117	3	116	4	115	4	116	4	50	2	48	4	48	4	48	4
Mo.[13]	*112*	*51*	*117*	*46*	*111*	*52*	*110*	*53*	22	12	22	12	23	10	22	12
Mont.[13]	57	43	55	45	43	57	55	45	25	25	26	24	21	29	24	26
Nebr.	([15])	([15])	([15])	([15])	([15])	([15])	([15])	([15])	([15])	([15])	([15])	([15])	([15])	([15])	([15])	([15])
Nev.[13]	35	5	26	14	26	14	23	19	17	3	15	5	15	5	17	4
N.H.[14]	*175*	*219*	*170*	*223*	*160*	*238*	*160*	*238*	12	12	11	13	10	13	9	15
N.J.[13]	54	26	44	36	43	37	43	37	27	13	27	13	22	18	23	17
N. Mex.[13]	48	22	41	29	41	29	45	25	33	9	32	10	22	20	23	19
N.Y.[14]	*87*	*58*	*86*	*64*	*88*	*63*	97	*52*	21	36	25	35	25	35	26	35
N.C.[14]	114	6	106	14	95	24	101	18	47	3	44	6	40	10	44	6
N. Dak.[13]	50	50	29	71	27	73	55	51	18	32	15	35	10	40	21	32
Ohio [13]	62	37	62	37	54	45	63	36	21	12	18	15	15	18	17	16
Okla.[13]	*79*	*22*	*75*	*26*	*73*	*28*	*77*	*24*	39	9	38	10	37	11	34	14
Oreg.[13]	37	23	34	26	33	27	*36*	*24*	*24*	6	23	7	22	8	21	9
Pa.[13]	118	84	100	102	100	103	103	100	28	20	28	22	23	25	23	26
R.I.[14]	83	17	84	16	82	18	85	15	45	5	46	4	43	7	43	7
S.C.[13]	*111*	12	107	16	107	17	104	20	43	3	43	3	41	5	40	6
S. Dak.[14]	22	48	22	48	21	49	16	54	12	23	11	24	10	25	9	26
Tenn.[13]	66	32	60	38	57	39	60	38	23	9	20	12	20	12	21	11
Tex.[13]	*131*	*19*	*127*	*23*	*114*	*35*	*114*	*36*	*27*	*4*	*26*	*5*	*23*	*7*	*26*	*5*
Utah [13]	35	40	24	51	17	58	17	58	17	12	10	19	7	22	5	24
Vt.[14]	75	74	69	79	64	86	65	83	9	21	10	20	14	16	13	17
Va.[13]	76	21	74	25	66	33	66	33	35	5	31	9	31	9	32	8
Wash.[13]	*62*	*36*	*49*	*49*	*42*	*56*	*54*	*44*	*29*	*20*	*30*	*19*	*24*	*25*	*26*	*23*
W. Va.[13]	91	9	74	26	78	22	87	13	28	6	26	8	27	7	31	3
Wis.[13]	66	33	60	37	59	39	59	40	22	11	21	12	19	14	17	14
Wyo.[13]	29	32	20	42	23	39	25	38	12	18	11	19	11	19	11	19

– Represents zero. [1] Excludes 1 Independent each for Miss., N.Y., Tenn., Vt., and Wyo.; 3 Independents each for Mass. and Va.; 1 vacancy each for Md., Mass., Miss., Pa., and S.C.; 4 vacancies for N.Y., and 6 vacancies for N.H. [2] Status as of January 1978; includes elections held and vacancies filled in 1977. [3] Excludes 1 Independent each for Maine, Mass., Tenn., *and Va.; 1 Libertarian for Alaska; 2 Independent-Republicans for Miss.; 2 Independents for Vt.; 1 vacancy each for Pa. and S.C.; 2* vacancies for Wis.; and 7 vacancies for N.H. [4] Status as of January 1980; includes *elections held and vacancies filled in 1979.* [5] Excludes 1 Independent each for Md., Mass., and Va.; 2 Independents each for Miss. and Tenn.; 2 Libertarians for Alaska; 1 vacancy each for Ala., Ga., Ky., Miss., N.Y., N.C., Tenn., Tex., and Wis.; and 2 vacancies each for Ind. and N.H. [6] Status as of *late 1981; includes elections held and vacancies filled in 1981.* [7] Excludes 1 Independent *each for La., Tenn., Va., and Wyo.;* 2 Independents each for Miss., N.H., and Vt.; and 1 vacancy each for N.Y. and N.C. [8] *Excludes 1 Independent each for Ala.,* Fla., and Tenn.; 2 vacancies for Pa., and 3 vacancies for N.Y. [9] Excludes 1 Independent each for Maine and Tenn.; and 1 vacancy for Calif. [10] *Excludes 1 Independent each for Mass. and Tenn.; 1 vacancy each for Conn., Mo., N.H., and Tex.; and 2 vacancies for Pa.* [11] Excludes 1 Independent for Tenn.; 1 vacancy each for Ga. and Pa.; and 2 *vacancies for Wis.* [12] Members of both houses serve 4-year terms. [13] Upper House members serve 4-year terms and Lower House members serve 2-year terms. [14] Members of both houses *serve 2-year terms.* [15] Single chamber (unicameral body) of 49 members, elected without party designation.

Source: The Council of State Governments, Lexington, Kentucky, *Book of the States*, and its *Supplement I*, both biennial. (Copyright.)

No. 433. Black Elected Officials, by Office, 1970 to 1982, and by Regions and States, 1982

[As of July 1982, no Black elected officials had been identified in Idaho, Montana, New Hampshire, North Dakota, South Dakota, Vermont, or Wyoming. For composition of regions, see fig. I, inside front cover]

Year, region, division, and state	Total	U.S. and State legislatures [1]	City and county offices [2]	Law enforcement [3]	Education [4]
1970 (Feb.)	1,472	182	715	213	362
1972 (Mar.)	2,264	224	1,108	263	669
1973 (Apr.)	2,621	256	1,264	334	767
1974 (Apr.)	2,991	256	1,602	340	793
1975 (Apr.)	3,503	299	1,878	387	939
1976 (Apr.)	3,979	299	2,274	412	994
1977 (July)	4,311	316	2,497	447	1,051
1978 (July)	4,503	316	2,595	454	1,138
1979 (July)	4,584	315	2,647	486	1,136
1980 (July)	4,890	326	2,832	526	1,206
1981 (July)	5,014	343	2,863	549	1,259
1982 (July)	**5,115**	**342**	**2,951**	**563**	**1,259**
Regions:					
Northeast	577	59	211	91	216
No. Central	1,090	92	613	114	271
South	3,140	165	2,040	287	648
West	308	26	87	71	124
N. Eng	**92**	**19**	**49**	**2**	**22**
Maine	4	–	3	–	1
Mass	28	6	13	–	9
R.I	6	2	4	–	–
Conn	54	11	29	2	12
Mid Atl	**485**	**40**	**162**	**89**	**194**
N.Y	192	18	32	39	103
N.J	170	6	88	–	76
Pa	123	16	42	50	15
E. No. Cent	**895**	**66**	**496**	**97**	**236**
Ohio	194	13	106	24	51
Ind	67	7	50	4	6
Ill	325	25	200	25	75
Mich	293	18	132	42	101
Wis	16	3	8	2	3
W. No. Cent	**195**	**26**	**117**	**17**	**35**
Minn	10	1	3	3	3
Iowa	6	–	–	1	5
Mo	147	19	101	12	15
W. No. Cent.—Con.					
Nebr	6	1	1	–	4
Kans	26	5	12	1	8
So. Atl	**1,361**	**79**	**1,009**	**58**	**215**
Del	22	3	10	–	9
Md	82	22	48	10	2
D.C	254	1	243	–	10
Va	93	5	84	4	–
W. Va	20	2	17	1	–
N.C	266	4	179	10	73
S.C	235	15	151	14	55
Ga	271	22	182	14	53
Fla	118	5	95	5	13
E. So. Cent	**899**	**51**	**565**	**133**	**150**
Ky	79	4	50	8	17
Tenn	127	14	78	15	20
Ala	269	16	183	37	33
Miss	424	17	254	73	80
W. So. Cent	**680**	**35**	**466**	**96**	**283**
Ark	219	5	100	30	84
La	372	12	220	43	97
Okla	82	4	57	2	19
Tex	207	14	89	21	83
Mt	**44**	**9**	**16**	**8**	**11**
Colo	14	3	3	4	4
N. Mex	6	–	5	–	1
Ariz	15	2	6	2	5
Utah	1	1	–	–	–
Nev	8	3	2	2	1
Pac	**264**	**17**	**71**	**63**	**113**
Wash	15	2	6	3	4
Oreg	6	1	2	2	1
Calif	239	13	62	58	106
Alaska	2	–	1	–	1
Hawaii	2	1	–	–	1

– Represents zero. [1] Includes elected State administrators and directors of State agencies. [2] County commissioners and councilmen, mayors, vice mayors, aldermen, regional officials, and other. [3] Judges, magistrates, constables, marshals, sheriffs, justices of the peace, and other. [4] College boards, school boards and other.

Source: Joint Center for Political Studies, Washington, D.C., *National Roster of Black Elected Officials*, annual. (Copyright.)

No. 434. Voter Registration in 11 Southern States, by Race: 1960 to 1982

[**In thousands, except percent.** For 1960 to 1970, population 21 yr. and over, except Ga., 18 yr. and over; beginning 1975, population 18 yr. and over for all Southern States. For voting age population, see table 437]

Year and race	Total	Ala.	Ark.	Fla.	Ga.	La.	Miss.	N.C.	S.C.	Tenn.	Tex.	Va.
1960: White	12,276	860	518	1,819	1,020	993	478	1,861	481	1,300	2,079	867
Black	1,463	66	73	183	180	159	22	210	58	185	227	100
Percent White [1]	61.1	63.6	60.9	69.3	56.8	76.9	63.9	92.1	57.1	73.0	42.5	46.1
Percent Black [1, 2]	29.1	13.7	38.0	39.4	29.3	31.1	5.2	39.1	13.7	59.1	35.5	23.1
1966: White	14,310	1,192	598	2,093	1,378	1,072	471	1,654	718	1,375	2,600	1,159
Black	2,689	250	115	303	300	243	175	282	191	225	400	205
1970: White	16,985	1,311	728	2,495	1,615	1,143	690	1,640	668	1,600	3,599	1,496
Black	3,357	315	153	302	395	319	286	305	221	242	550	269
1976: White	21,690	1,544	817	3,480	1,703	1,445	[3] 866	2,137	828	1,886	5,191	1,794
Black	[4] 4,149	[4] 321	[4] 204	410	[4] 598	421	[4] 286	396	285	[4] 271	[4] 640	[4] 317
1980: White	24,981	1,700	1,056	4,331	1,800	1,550	1,152	2,314	916	2,200	6,020	1,942
Black	4,254	350	130	489	450	465	330	440	320	300	620	360
Percent White [1]	71.9	81.4	76.9	67.7	63.0	74.8	98.9	70.1	58.5	78.5	75.1	62.2
Percent Black [1]	55.8	55.8	57.2	58.3	48.6	60.7	62.3	51.3	53.7	64.0	56.0	53.2
1982: White	22,858	1,657	964	4,200	1,907	1,491	1,055	2,161	862	1,998	4,753	1,820
Black	4,302	437	145	500	467	468	340	436	321	310	548	330
Percent White [1]	65.8	79.4	70.2	65.7	66.8	71.9	90.6	65.5	55.0	71.3	59.3	58.3
Percent Black [1]	56.5	69.7	63.9	59.7	50.4	61.1	64.2	50.9	53.9	66.1	49.5	49.5

[1] Of voting age population. [2] Includes other minority races. [3] 1975 data. [4] Estimated.

Source: Voter Education Project, Inc., Atlanta, Ga., *Voter Registration in the South*, issued irregularly.

NO. 435. WOMEN HOLDING STATE AND LOCAL PUBLIC OFFICES, BY OFFICE, 1975 TO 1981, AND BY STATES, 1981

[As of **August.** For data on women in U.S. Congress, see table 428]

YEAR AND STATE	Total	State legislature	County commission	Mayoralty	Townships and local councils
1975	7,089	[1] 702	456	566	5,365
1977	11,392	[1] 806	656	735	9,195
1979	14,353	[1] 947	947	998	11,461
1980	16,083	763	1,144	1,333	12,843
1981 [2]	**16,585**	**908**	**1,205**	**1,660**	**12,792**
Percent [3]	12	12	7	9	14
Ala.	327	6	9	26	286
Alaska	199	6	12	11	[4] 170
Ariz.	118	17	7	8	86
Ark.	375	5	64	34	272
Calif.	468	12	52	66	338
Colo.	339	23	13	26	277
Conn.	297	44	(x)	17	236
Del.	71	9	3	12	47
D.C.	6	(x)	(x)	-	6
Fla.	362	17	38	32	275
Ga.	222	17	22	18	165
Hawaii	20	14	4	1	1
Idaho	153	10	8	19	116
Ill.	669	32	[4] 117	66	[4] 454
Ind.	353	12	59	[5] 200	[5] 82
Iowa [2]	624	18	25	35	546
Kans.	550	22	23	118	387
Ky. [2]	457	10	25	45	377
La. [2]	161	2	20	15	124
Maine [2]	270	42	-	57	171
Md. [2]	160	28	9	12	111
Mass.	212	19	5	43	145
Mich.	2,584	16	129	115	2,324
Minn. [2]	546	24	13	65	444
Miss. [2]	191	2	5	18	166
Mo. [2]	424	22	22	32	348
Mont. [2]	133	17	10	11	95
Nebr. [2]	229	5	22	17	185
Nev.	19	7	4	1	7
N.H.	207	124	4	26	53
N.J.	435	8	17	39	371
N. Mex.	115	7	11	12	85
N.Y.	171	18	100	45	[4] 8
N.C.	336	22	36	39	239
N. Dak.	189	18	7	18	146
Ohio [2]	789	10	18	20	741
Okla. [2]	298	12	6	39	241
Oreg. [2]	347	20	30	31	266
Pa.	533	12	16	58	[4] 447
R.I. [2]	57	15	(x)	-	42
S.C.	185	11	21	12	141
S. Dak.	171	11	13	23	124
Tenn. [2]	218	6	75	6	131
Tex. [2]	740	12	25	73	630
Utah	137	8	3	11	115
Vt.	116	39	(x)	19	58
Va.	217	9	12	13	183
Wash.	333	35	10	40	248
W. Va. [2]	228	16	7	17	188
Wis. [2]	118	20	71	9	[4] 18
Wyo. [2]	106	17	3	10	76

- Represents zero. X Not applicable. [1] Includes all major State appellate courts and trial courts: 92 in 1975, 110 in 1977, and 177 in 1979. [2] Except for State legislature, data are preliminary. [3] Percent of all officeholders. Total number of officeholders based on 1977 Census of Governments. [4] Incomplete reporting. [5] Township trustees counted as "mayor."

Source: Center for the American Woman and Politics, The Eagleton Institute of Politics, Rutgers University, New Brunswick, New Jersey, informal information releases.

NO. 436. PARTICIPATION IN ELECTIONS FOR PRESIDENT AND U.S. REPRESENTATIVES: 1932 TO 1982

[Population estimated, as of **November.** Resident population 21 years old and over, 1932–1970, except as noted, and 18 and over thereafter; includes Armed Forces. Prior to 1960, excludes Alaska and Hawaii. District of Columbia is included in votes cast for President beginning 1964 and in votes cast for Representative beginning 1972]

YEAR	Resident population (incl. aliens) of voting age [1] (1,000)	VOTES CAST			
		For President [2] (1,000)	Percent of voting age population	For U.S. Representatives [2] (1,000)	Percent of voting age population
1932	75,768	39,732	52.4	37,657	49.7
1934	77,997	(x)	(x)	32,256	41.4
1936	80,174	45,643	56.0	42,886	53.5
1938	82,354	(x)	(x)	36,236	44.0
1940	84,728	49,900	58.9	46,951	55.4
1942	86,465	(x)	(x)	28,074	32.5
1944	85,654	47,977	56.0	45,103	52.7
1946	92,659	(x)	(x)	34,398	37.1
1948	95,573	48,794	51.1	45,933	48.1
1950	98,134	(x)	(x)	40,342	41.1
1952	99,929	61,551	61.6	57,571	57.6
1954	102,075	(x)	(x)	42,580	41.7
1956	104,515	62,027	59.3	58,426	55.9
1958	106,447	(x)	(x)	45,818	43.0
1960	109,672	68,838	62.8	64,133	58.5
1962	112,952	(x)	(x)	51,267	45.4
1964	114,090	70,645	61.9	65,895	57.8
1966	116,638	(x)	(x)	52,908	45.4
1968	120,285	73,212	60.9	66,288	55.1
1970	124,498	(x)	(x)	54,173	43.5
1972	140,777	77,719	55.2	71,430	50.7
1974	146,338	(x)	(x)	52,495	35.9
1976	152,308	81,556	53.5	74,422	48.9
1978	158,369	(x)	(x)	55,332	34.9
1980	164,381	86,515	52.6	77,995	47.4
1982	169,342	(x)	(x)	64,514	38.1

X Not applicable. [1] Population 18 and over in Georgia, 1944–1970, and in Kentucky, 1956–1970; 19 and over in Alaska and 20 and over in Hawaii, 1960–1970. [2] Source: 1932–1958, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election.*

Source: Except as noted, U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 916; and, beginning 1960, Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

No. 437. Resident Population of Voting Age, 1972 to 1982, and by Selected Characteristics, 1980 and 1982—States

[**In thousands, except percent.** Estimated population, 18 years old and over, as of **November**, except as noted. Includes Armed Forces stationed in each State, aliens, and institutional population. Except as noted, data are consistent with 1980 census *Advance Reports* series PHC80-V; see text, pp. 1 and 2]

Region, division, and state	1972	1976	1978	1980	1982					1980,[1] percent of voting-age population		
					Total	18–24 years	25–44 years	45–64 years	65 yr. and over	Female	Black	Spanish origin[2]
U.S	**140,777**	**152,308**	**158,369**	**164,381**	**169,342**	**29,917**	**67,987**	**44,475**	**26,963**	**52.4**	**10.5**	**5.5**
Region:												
Northeast	34,196	35,354	35,868	36,296	36,985	6,175	14,176	10,320	6,314	53.4	8.9	4.5
North Central	38,172	40,248	41,373	42,144	42,641	7,657	16,860	11,139	6,985	52.4	8.1	1.8
South	43,943	49,113	51,645	54,470	56,873	10,206	22,821	14,807	9,038	52.5	16.7	5.2
West	24,466	27,592	29,483	31,471	32,843	5,878	14,130	8,209	4,627	51.1	4.9	12.2
N.E	**8,262**	**8,711**	**8,956**	**9,148**	**9,405**	**1,649**	**3,555**	**2,503**	**1,588**	**53.2**	**3.4**	**1.9**
Maine	692	759	791	810	831	143	322	219	147	52.5	.3	.4
New Hampshire	525	593	638	671	697	123	289	176	110	52.3	.4	.5
Vermont	308	337	353	369	379	71	157	91	61	52.4	.2	.6
Massachusetts	3,963	4,132	4,213	4,281	4,394	786	1,704	1,153	751	53.6	3.4	1.9
Rhode Island	682	669	707	710	726	129	266	198	132	53.5	2.5	1.8
Connecticut	2,091	2,201	2,254	2,307	2,378	398	927	666	387	52.8	6.0	3.1
M.A	**25,934**	**26,643**	**26,912**	**27,148**	**27,680**	**4,526**	**10,511**	**7,818**	**4,725**	**53.5**	**10.7**	**5.4**
New York	12,717	12,892	12,912	12,945	13,153	2,175	5,094	3,674	2,209	53.8	12.4	8.3
New Jersey	5,010	5,220	5,326	5,417	5,544	891	2,147	1,601	906	53.2	11.0	5.7
Pennsylvania	8,207	8,531	8,673	8,785	8,883	1,460	3,270	2,543	1,610	53.3	8.1	1.0
E.N.C	**27,064**	**28,469**	**29,251**	**29,747**	**30,061**	**5,406**	**11,998**	**7,942**	**4,714**	**52.5**	**9.8**	**2.1**
Ohio	7,149	7,461	7,638	7,731	7,793	1,367	3,077	2,122	1,228	52.8	9.2	.9
Indiana	3,498	3,692	3,812	3,883	3,904	713	1,553	1,025	613	52.5	6.8	1.3
Illinois	7,576	7,939	8,132	8,224	8,346	1,478	3,347	2,208	1,313	52.6	12.9	4.6
Michigan	5,876	6,214	6,406	6,526	6,554	1,208	2,668	1,712	967	52.2	11.7	1.4
Wisconsin	2,965	3,163	3,263	3,383	3,464	641	1,354	876	593	51.9	3.2	1.1
W.N.C	**11,108**	**11,780**	**12,122**	**12,398**	**12,580**	**2,251**	**4,862**	**3,197**	**2,271**	**52.3**	**4.1**	**1.0**
Minnesota	2,537	2,726	2,823	2,927	2,988	553	1,210	725	500	51.9	1.1	.6
Iowa	1,917	2,026	2,075	2,091	2,094	363	792	539	400	52.4	1.2	.7
Missouri	3,240	3,408	3,499	3,577	3,640	636	1,380	955	668	53.1	9.3	.9
North Dakota	411	442	455	465	473	90	184	116	83	50.1	.4	.5
South Dakota	443	469	480	485	482	88	177	124	94	51.3	.3	.5
Nebraska	1,021	1,081	1,108	1,128	1,144	203	443	287	211	52.1	2.6	1.4
Kansas	1,539	1,628	1,681	1,726	1,759	317	675	451	315	51.9	4.8	2.2
S.A	**21,889**	**24,586**	**25,832**	**27,243**	**28,523**	**4,988**	**11,263**	**7,564**	**4,709**	**52.6**	**18.5**	**3.2**
Delaware	379	412	426	432	443	86	174	119	64	52.8	14.2	1.3
Maryland	2,721	2,920	3,014	3,082	3,190	571	1,342	853	423	52.6	20.8	1.4
District of Columbia	537	525	515	493	487	90	204	119	74	54.9	65.8	2.8
Virginia	3,257	3,613	3,794	3,920	4,078	768	1,719	1,050	541	51.8	17.5	1.4
West Virginia	1,219	1,314	1,363	1,395	1,408	227	546	386	248	52.6	3.2	.6
North Carolina	3,548	3,907	4,088	4,265	4,417	820	1,774	1,168	655	52.4	20.3	.9
South Carolina	1,762	1,993	2,104	2,204	2,291	452	945	581	313	52.4	27.3	1.0
Georgia	3,153	3,494	3,667	3,868	4,040	753	1,717	1,016	554	52.9	24.3	1.1
Florida	5,313	6,408	6,862	7,585	8,169	1,221	2,841	2,271	1,836	53.0	11.3	8.5
E.S.C	**8,773**	**9,624**	**10,048**	**10,367**	**10,552**	**1,895**	**4,165**	**2,750**	**1,741**	**52.8**	**17.4**	**.8**
Kentucky	2,223	2,434	2,528	2,590	2,620	476	1,045	673	427	52.2	6.7	.7
Tennessee	2,763	3,033	3,179	3,313	3,375	583	1,352	891	548	52.9	14.2	.7
Alabama	2,325	2,554	2,669	2,748	2,812	504	1,099	745	465	53.2	22.9	.8
Mississippi	1,462	1,603	1,672	1,716	1,745	333	670	442	301	53.2	31.0	.9
W.S.C	**13,281**	**14,904**	**15,766**	**16,860**	**17,798**	**3,324**	**7,394**	**4,492**	**2,588**	**52.0**	**13.4**	**11.3**
Arkansas	1,354	1,502	1,575	1,629	1,650	273	618	432	328	52.9	14.1	.7
Louisiana	2,389	2,623	2,760	2,915	3,055	602	1,266	764	423	52.6	26.6	2.3
Oklahoma	1,818	1,990	2,081	2,199	2,299	409	903	600	387	52.2	6.0	1.5
Texas	7,719	8,789	9,350	10,117	10,793	2,039	4,607	2,697	1,450	51.6	11.1	17.7
Mt	**5,829**	**6,834**	**7,413**	**8,036**	**8,454**	**1,567**	**3,657**	**2,066**	**1,164**	**50.9**	**2.2**	**10.9**
Montana	470	519	548	559	569	98	237	144	90	50.7	.2	1.0
Idaho	490	567	612	643	661	117	281	161	102	50.7	.3	3.2
Wyoming	226	267	296	332	354	65	166	83	39	48.9	.7	4.4
Colorado	1,604	1,838	1,974	2,114	2,225	421	1,024	517	263	50.9	3.2	9.8
New Mexico	669	783	841	896	936	180	393	236	127	51.5	1.7	33.1
Arizona	1,315	1,611	1,766	1,956	2,061	366	828	522	345	51.5	2.5	13.3
Utah	689	791	858	936	986	209	438	222	118	51.3	.7	3.6
Nevada	367	457	520	601	661	112	291	180	78	49.6	5.3	5.8
Pac	**18,637**	**20,758**	**22,070**	**23,435**	**24,389**	**4,311**	**10,473**	**6,143**	**3,463**	**51.2**	**5.8**	**12.7**
Washington	2,330	2,601	2,792	3,030	3,154	547	1,368	775	465	50.9	2.4	2.3
Oregon	1,495	1,679	1,808	1,921	1,954	307	844	477	326	51.5	1.2	2.0
California	14,062	15,598	16,546	17,513	18,277	3,259	7,792	4,653	2,573	51.4	7.1	16.1
Alaska	203	257	269	274	287	60	156	58	13	46.3	3.4	2.1
Hawaii	547	624	657	696	716	138	312	181	85	48.8	1.9	6.0

[1] Based on enumerated population as of April 1. Data are consistent with final census reports, series PC80-1-B; see text, pp. 1 and 2. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 916.

NO. 438. VOTER REGISTRATION AND PERSONS VOTING, BY STATES: 1972 TO 1980

[For 1972 and 1976, total persons voting restricted to number of ballots recorded by Secretaries of State as having been cast for any electoral office or referendum; or in those States which do not count total number of ballots (which are noted), the largest number of votes cast for a particular office. For 1980, total persons voting are total votes cast for President. For total resident *voting-age population, see table 437*]

DIVISION AND STATE	PERSONS REGISTERED						PERSONS VOTING								
	Total (1,000)			Percent of voting-age population			Total (1,000)			Percent of registered			Percent of voting-age population		
	1972	1976	1980	1972	1976	1980	1972	1976	1980	1972	1976	1980	1972	1976	1980
U.S.	92,702	105,837	112,945	(X)	[1] 70.4	[1] 70.4	78,902	82,645	86,515	(X)	[1] 77.1	[1] 74.3	56.0	54.3	52.6
N.E.	6,615	6,584	7,020	80.1	75.6	76.7	5,293	5,452	5,467	80.0	82.8	77.9	64.1	62.6	59.8
Maine	616	696	760	89.0	91.7	93.8	[2] 421	[2] 486	523	68.3	69.8	68.8	60.8	64.0	64.6
N.H.	450	478	551	85.7	80.6	82.2	345	359	384	76.7	75.1	69.6	65.7	60.5	57.2
Vt.	273	284	312	88.6	84.3	84.5	194	194	213	71.1	68.3	68.4	63.0	57.6	57.8
Mass.	3,096	2,912	3,143	78.1	70.5	73.4	2,508	2,594	2,524	81.0	89.1	80.3	63.3	62.8	59.0
R.I.	532	545	547	78.0	79.1	77.1	[3] 416	[3] 411	416	78.2	75.4	76.0	61.0	59.7	58.6
Conn.	1,648	1,669	1,706	78.8	75.8	74.0	1,409	1,408	1,406	85.5	84.4	82.4	67.4	64.0	61.0
M.A.	18,752	17,719	17,385	72.3	66.5	64.0	14,945	14,326	13,739	79.7	80.9	79.0	57.6	53.8	50.6
N.Y.	9,207	8,199	7,870	72.4	63.6	60.8	7,323	6,668	6,202	79.5	81.3	78.8	57.6	51.7	47.9
N.J.	3,673	3,770	3,761	73.3	72.2	69.4	3,030	3,037	2,976	82.5	80.6	79.1	60.5	58.2	54.9
Pa.	5,872	5,750	5,754	71.5	67.4	65.5	[3] 4,592	[3] 4,621	4,562	78.2	80.4	79.3	56.0	54.2	51.9
E.N.C.	18,625	21,723	20,769	(X)	76.3	[1] 78.8	16,572	17,139	17,458	(X)	78.9	[1] 73.1	61.2	60.2	58.7
Ohio	4,628	4,693	5,887	64.7	62.9	76.2	4,220	4,195	4,284	91.2	89.4	72.8	59.0	56.2	55.4
Ind.	3,019	3,010	2,944	86.3	81.5	75.8	[3] 2,126	2,279	2,242	70.4	75.7	76.1	60.8	61.7	57.7
Ill.	6,215	6,252	6,212	82.0	78.8	75.5	4,883	4,839	4,750	78.6	77.4	76.5	64.5	61.0	57.8
Mich.	4,763	5,202	5,726	81.1	83.7	87.7	[3] 3,490	3,722	3,910	73.3	71.5	68.3	59.4	59.9	59.9
Wis.	[4]	2,566	[4]	(X)	81.1	(X)	[3] 1,853	[3] 2,104	2,273	(X)	82.0	(X)	62.5	66.5	67.2
W.N.C.	1,104	8,906	9,970	(X)	[1] 78.6	[1] 83.5	6,977	7,404	7,719	(X)	[1] 79.7	[1] 74.4	62.8	62.9	62.3
Minn.	[4]	2,566	2,787	(X)	94.1	95.2	1,774	1,979	2,052	(X)	77.5	73.6	69.9	72.6	70.1
Iowa	[4]	1,407	1,747	(X)	69.4	83.5	[3] 1,226	[3] 1,279	1,318	(X)	90.9	75.4	64.0	63.1	63.0
Mo.	[4]	2,553	2,841	(X)	74.9	79.4	[5] 1,866	[3] 1,954	2,100	(X)	76.5	73.9	57.6	57.3	58.7
N. Dak.	[4]	[4]	[4]	(X)	(X)	(X)	289	309	302	(X)	(X)	(X)	70.3	69.9	64.8
S. Dak.	392	426	448	86.5	90.8	92.3	[5] 308	[3] 301	328	78.6	70.7	73.2	69.5	64.2	67.6
Nebr.	712	841	856	69.7	77.8	75.9	592	624	641	83.1	74.2	74.9	58.0	57.7	56.8
Kans.	[4]	1,113	1,291	(X)	68.4	74.8	[5] 922	[3] 958	980	(X)	86.1	75.9	59.9	58.8	56.8
S.A.	14,506	15,790	17,285	66.3	64.2	63.4	9,942	11,414	12,589	68.5	72.3	72.8	45.4	46.4	46.2
Del.	293	301	301	77.3	73.1	69.6	[3] 236	[3] 236	236	80.5	78.4	78.5	62.3	57.3	54.6
Md.	1,816	1,950	2,065	66.7	66.8	67.0	[3] 1,354	[3] 1,440	1,540	74.6	73.8	74.6	49.8	49.3	50.0
D.C.	305	268	289	56.8	51.0	58.6	166	171	175	54.4	63.8	60.7	30.9	32.6	35.5
Va.	2,107	2,124	2,309	64.7	58.8	58.9	[3] 1,457	1,716	1,866	69.2	80.8	80.8	44.7	47.5	47.6
W. Va.	1,063	1,084	1,035	87.2	82.5	74.2	[5] 774	[3] 751	738	72.8	69.3	71.3	63.5	57.2	52.9
N.C.	2,358	2,554	2,775	66.5	65.4	65.1	[3] 1,519	[3] 1,679	1,856	64.4	65.7	66.9	42.8	43.0	43.5
S.C.	1,034	1,113	1,236	58.7	55.8	56.1	674	803	894	65.2	72.1	72.4	38.3	40.3	40.6
Ga.	2,043	2,302	2,467	64.8	65.9	63.8	1,179	1,467	1,597	57.7	63.7	64.7	37.4	42.0	41.3
Fla.	3,487	4,094	4,810	65.6	63.9	63.4	[3] 2,583	[3] 3,151	3,687	74.1	77.0	76.7	48.6	49.2	48.6
E.S.C.	5,209	5,490	7,789	(X)	[1] 68.4	75.1	3,955	4,595	5,147	(X)	[1] 69.7	66.1	45.2	47.7	49.6
Ky.	1,455	1,713	1,803	65.5	70.4	69.6	[3] 1,057	[3] 1,167	1,295	73.3	68.1	71.8	48.0	47.9	50.0
Tenn.	1,990	1,912	2,359	72.0	63.0	71.2	[3] 1,201	[3] 1,476	1,618	60.4	77.2	68.6	43.5	48.7	48.8
Ala.	1,764	1,865	2,142	75.9	73.0	78.0	[2] 1,051	[3] 1,183	1,342	59.6	63.4	62.6	45.2	46.3	48.8
Miss.	(NA)	[4]	1,486	(X)	(X)	86.6	[3] 646	[3] 769	893	(X)	(X)	60.1	44.2	48.0	52.0
W.S.C.	9,542	10,607	11,314	71.8	71.2	67.1	6,301	7,226	8,078	66.0	68.1	71.4	47.4	48.5	47.9
Ark.	1,010	1,021	1,189	74.6	68.0	73.0	[3] 651	[3] 768	838	64.5	75.2	70.5	48.1	51.1	51.4
La.	1,785	1,866	2,015	74.7	71.1	69.1	[5] 1,122	[3] 1,278	1,549	62.9	68.5	76.8	47.0	48.7	53.1
Okla.	1,247	1,401	1,469	68.6	70.4	66.8	1,057	1,108	1,150	84.8	79.1	78.2	58.1	55.7	52.3
Tex.	[6] 5,500	6,319	6,640	71.3	71.9	65.6	[3] 3,471	[3] 4,072	4,542	63.1	64.4	68.4	45.0	46.3	44.9
Mt.	4,223	4,982	5,585	(X)	72.9	69.5	3,452	3,881	4,346	(X)	77.9	77.8	59.2	56.8	54.1
Mont.	387	455	496	82.3	87.7	88.8	327	339	364	84.5	74.5	73.3	69.6	65.3	65.1
Idaho	397	520	581	81.0	91.7	90.4	[3] 310	355	437	78.1	68.3	75.3	63.3	62.6	68.0
Wyo.	(NA)	195	219	(X)	73.0	66.1	152	160	177	(X)	82.1	80.5	67.3	59.9	53.2
Colo.	1,220	1,349	1,434	76.1	73.4	67.8	954	[3] 1,082	1,184	78.2	80.2	82.6	59.5	58.9	56.0
N. Mex.	505	527	653	75.5	67.3	72.8	396	426	457	78.4	80.8	70.0	59.2	54.4	51.0
Ariz.	862	980	1,121	65.6	60.8	57.3	648	765	874	75.2	78.1	78.0	49.3	47.5	44.7
Utah	621	705	782	90.1	89.1	83.5	480	548	604	77.3	77.7	77.3	69.7	69.3	64.6
Nev.	231	251	298	62.9	54.9	49.6	185	206	248	80.1	82.1	83.1	50.4	45.1	41.2
Pac.	14,126	14,037	15,828	75.8	67.6	67.5	11,455	11,208	11,973	81.1	79.8	75.6	61.5	54.0	51.1
Wash.	1,975	2,065	2,237	84.8	79.4	73.8	1,520	1,585	1,742	77.0	76.8	77.9	65.2	60.9	57.5
Oreg.	1,198	1,420	1,569	80.1	84.6	81.7	953	1,049	1,182	79.5	73.9	75.3	63.7	62.5	61.5
Calif.	10,466	9,982	11,361	74.4	64.0	64.9	8,596	8,137	8,587	82.1	81.5	75.6	61.1	52.2	49.0
Alaska	149	207	259	73.4	80.5	94.4	99	128	158	66.4	61.8	61.2	48.8	49.8	57.8
Hawaii	338	363	403	61.8	58.2	57.9	287	309	303	84.9	85.1	75.3	52.5	49.5	43.6

NA Not available. X Not applicable. [1] Excludes States for which data were not available. [2] Total vote for largest race, Senator. [3] Total vote for largest race, President. [4] No required statewide registration; excluded from totals for persons registered. [5] Total vote for largest race, Governor. [6] Estimated.

Source: National Republican Congressional Committee, Washington, D.C., unpublished data.

No. 439. Percent of Voting-Age Population Casting Votes—States: 1972 to 1982

[As of November. For total resident voting-age population, see table 437. For composition of regions, see fig. I, inside front cover]

Region, division and state	Percent casting votes for presidential electors			Percent casting votes for U.S. representatives		
	1972	1976	1980	1978	1980	1982
U.S.	55.2	53.5	52.6	34.9	47.4	38.1
Region:						
Northeast	58.3	55.2	52.9	38.3	48.9	39.6
No. Central	60.8	60.0	59.7	41.0	56.3	44.8
South	45.6	47.2	47.4	25.2	38.6	29.6
West	59.4	53.2	51.9	39.4	49.3	42.5
New Eng	62.9	61.4	59.8	43.4	55.2	44.4
Maine	60.3	63.7	64.6	46.8	63.3	54.4
New Hampshire	63.6	57.3	57.2	40.4	54.2	38.6
Vermont	60.7	55.7	57.8	34.3	52.8	43.5
Massachusetts	62.0	61.7	59.0	42.9	52.7	43.0
Rhode Island	61.0	59.7	58.6	43.6	54.5	45.9
Connecticut	66.2	62.8	61.0	45.3	58.0	45.0
Mid. Atl	56.9	53.2	50.6	36.6	46.7	37.9
New York	56.3	50.7	47.9	33.9	43.4	35.6
New Jersey	59.8	57.7	54.9	36.3	50.6	38.7
Pennsylvania	56.0	54.2	51.9	40.8	49.2	40.9
E. No. Cent	60.2	59.0	58.7	39.1	54.9	43.2
Ohio	57.3	55.1	55.4	36.4	51.1	42.7
Indiana	60.8	60.1	57.7	38.0	56.4	46.0
Illinois	62.3	59.4	57.8	37.4	54.4	43.3
Michigan	59.4	58.8	59.9	42.3	55.0	42.8
Wisconsin	62.5	66.5	67.2	44.4	63.1	41.9
W. No. Cent	62.2	62.4	62.3	45.6	59.6	48.4
Minnesota	68.6	71.5	70.1	54.1	65.1	58.6
Iowa	64.0	63.1	63.0	39.1	60.1	48.0
Missouri	57.3	57.3	58.7	44.2	57.3	42.0
North Dakota	68.3	67.2	64.8	48.4	63.0	55.0
South Dakota	69.4	64.1	67.6	53.3	66.0	57.3
Nebraska	56.4	56.2	56.8	44.7	55.4	45.4
Kansas	59.5	58.8	56.8	40.2	54.1	43.0
So. Atl	45.3	46.3	46.2	25.1	40.5	29.3
Delaware	62.1	57.2	54.6	37.1	50.2	42.4
So. Atl.—Con.						
Maryland	49.8	49.3	50.0	30.7	45.5	34.2
District of Col	30.4	32.2	35.5	18.6	30.6	23.2
Virginia	44.7	47.0	47.6	27.9	39.6	32.7
West Virginia	62.5	57.2	52.9	32.5	49.2	38.8
North Carolina	42.8	43.0	43.5	25.0	40.7	29.9
South Carolina	38.2	40.3	40.6	27.4	37.7	28.7
Georgia	37.3	42.0	41.3	16.1	35.0	22.4
Florida	48.6	49.2	48.6	[1] 23.6	[1] 40.8	[1] 27.1
E. So. Cent	44.7	47.8	49.6	26.9	40.1	33.0
Kentucky	48.0	48.0	50.0	18.9	40.8	26.7
Tennessee	43.5	48.7	48.8	33.4	39.4	34.8
Alabama	43.3	46.3	48.8	24.1	36.8	34.2
Mississippi	44.2	48.0	52.0	31.0	46.0	36.7
W. So. Cent	46.7	48.4	47.9	24.3	34.6	28.0
Arkansas	48.1	51.1	51.4	[1] 18.6	[1] 12.4	46.0
Louisiana	44.0	48.7	53.1	27.9	25.0	16.9
Oklahoma	56.7	54.9	52.3	[1] 28.3	[1] 38.0	37.2
Texas	45.0	46.3	44.9	23.3	40.2	26.4
Mt	58.3	55.8	54.1	36.5	51.9	42.3
Montana	67.6	63.3	65.1	51.6	60.6	55.7
Idaho	63.3	60.7	60.0	46.6	64.5	48.6
Wyoming	64.4	59.6	53.2	43.6	51.2	44.9
Colorado	59.5	58.8	56.0	39.8	54.4	42.5
New Mexico	57.7	53.4	51.0	33.9	45.6	42.2
Arizona	47.4	46.1	44.7	29.4	43.7	34.5
Utah	69.4	68.4	64.6	44.2	63.2	49.7
Nevada	49.5	44.2	41.2	36.7	40.8	35.4
Pac	59.7	52.4	51.1	39.7	48.4	42.6
Washington	63.1	59.8	57.5	35.1	53.7	41.4
Oregon	62.1	61.3	61.5	48.3	57.6	51.9
California	59.5	50.4	49.0	39.4	46.7	41.5
Alaska	46.9	48.1	57.8	46.1	56.6	63.1
Hawaii	49.4	46.7	43.6	38.5	40.4	41.6

[1] State law does not require tabulation of votes for unopposed candidates.

Source: Compiled by U.S. Bureau of the Census. Population data from U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 916; votes cast from Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

No. 440. Voting-Age Population, and Percent Reporting Registered and Voted: 1974 to 1982

[See headnote, table 441]

Characteristic	Voting-age population (mil.)					Percent reporting they registered					Percent reporting they voted				
	1974	1976	1978	1980	1982	1974	1976	1978	1980	1982	1974	1976	1978	1980	1982
Total	141.3	146.5	151.6	157.1	165.5	62.2	66.7	62.6	66.9	64.1	44.7	59.2	45.9	59.2	48.5
White	125.1	129.3	133.4	137.7	143.6	63.5	68.3	63.8	68.4	65.6	46.3	60.9	47.3	60.9	49.9
Black	14.2	14.9	15.6	16.4	17.6	54.9	58.5	57.1	60.0	59.1	33.8	48.7	37.2	50.5	43.0
Spanish origin [1]	6.1	6.6	6.8	8.2	8.8	34.9	37.8	32.9	36.3	35.3	22.9	31.8	23.5	29.9	25.3
Male	66.4	69.0	71.5	74.1	78.0	62.8	67.1	62.6	66.6	63.7	46.2	59.6	46.6	59.1	48.7
Female	74.9	77.6	80.2	83.0	87.4	61.7	66.4	62.5	67.1	64.4	43.4	58.8	45.3	59.4	48.4
North and West [2]	96.5	99.4	102.9	106.5	110.1	63.3	67.7	63.8	67.9	65.2	48.8	61.2	48.9	61.0	51.9
South [2]	44.8	47.1	48.8	50.6	55.4	59.8	64.6	60.1	64.8	61.7	36.0	54.9	39.6	55.6	41.8
Metropolitan [3]	101.3	99.6	103.1	106.7	113.1	61.2	65.7	61.3	65.8	62.6	44.7	59.2	46.0	58.8	48.3
In central cities	43.9	43.1	43.7	44.0	46.8	59.5	63.3	59.2	63.5	60.4	42.6	56.6	44.2	56.3	47.2
Outside central cities	57.4	56.5	59.4	62.6	66.2	62.6	67.6	62.8	67.3	64.1	46.3	61.2	47.4	60.6	49.1
Nonmetropolitan	40.0	47.0	48.6	50.5	52.4	64.7	68.8	65.3	69.2	67.2	44.7	59.1	45.6	60.2	49.1
18–20 yr	11.6	12.1	12.2	12.3	12.1	36.4	47.1	34.7	44.7	35.0	20.8	38.0	20.1	35.7	19.8
21–24 yr	14.1	14.8	15.5	15.9	16.7	45.3	54.8	45.1	52.7	47.8	26.4	45.6	26.2	43.1	28.4
25–44 yr	51.7	54.3	57.5	61.3	66.9	59.9	65.5	60.2	65.6	61.5	42.2	58.7	43.1	58.7	45.4
45–64 yr	43.0	43.3	43.4	43.6	44.2	73.6	75.5	74.3	75.8	75.6	56.9	68.7	58.5	69.3	62.2
65 yr. and over	21.0	22.0	23.0	24.1	25.6	70.2	71.4	72.8	74.6	75.2	51.4	62.2	55.9	65.1	59.9
Employed	83.1	86.0	93.2	95.0	97.2	63.8	68.8	63.0	68.7	65.5	46.8	62.0	46.7	61.8	50.0
Unemployed	5.0	6.4	4.9	6.9	10.8	44.4	52.1	44.1	50.3	49.8	28.8	43.7	27.4	41.2	34.1
Not in labor force	53.2	54.1	53.5	55.2	57.5	61.3	65.2	63.4	65.8	64.3	43.0	56.5	46.2	57.0	48.7

[1] Persons of Spanish origin may be of any race. [2] See fig. I, inside front cover. [3] Standard metropolitan statistical areas as defined in 1970 census publications.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 370 and earlier reports; and press release (CB 83-63).

No. 441. Participation in National Elections, 1964 to 1982, and by Population Characteristics, 1982

[As of **November**. Covers civilian noninstitutional population 18 years old and over, except 1964–1970, 21 years old and over (see also footnote 1, table 436). Includes aliens. Figures are based on Current Population Survey (see text, p. 2, and Appendix III) and differ from those in tables 436 and 439 based on population estimates and official vote counts. Differences in percentages may also be due to overreporting of voting (reluctance of some persons in the sample who actually did not vote to so report)]

Year and characteristic	Persons of voting age (mil.)	Persons reporting they registered		Persons reporting they voted		Persons reporting they did not vote				Percent of voting age population not a citizen
		Total (mil.)	Percent	Total (mil.)	Percent	Total [1] (mil.)	Registered (mil.)	Not registered [1]		
								Number (mil.)	Percent	
1964	110.6	(NA)	(NA)	76.7	69.3	33.9	(NA)	(NA)	(NA)	(NA)
1966	112.8	79.3	70.3	62.5	55.4	50.3	16.8	33.1	29.3	2.0
1968	116.5	86.6	74.3	79.0	67.8	37.6	7.6	30.0	25.7	2.3
1970	120.7	82.2	68.1	65.9	54.6	54.8	16.3	38.5	31.9	2.5
1972	136.2	98.5	72.3	85.8	63.0	50.4	12.7	37.7	27.7	2.6
1974	141.3	87.9	62.2	63.2	44.7	78.1	24.7	53.4	37.8	2.8
1976	146.5	97.8	66.7	86.7	59.2	59.9	11.1	48.8	33.3	3.0
1978	151.6	94.9	62.6	69.6	45.9	82.1	25.3	56.8	37.4	3.5
1980	157.1	105.0	66.9	93.1	59.2	64.0	12.0	52.1	33.1	4.0
1982, total [2]	**165.5**	**106.0**	**64.1**	**80.3**	**48.5**	**85.2**	**25.7**	**59.5**	**35.9**	**4.3**
Male	78.0	49.7	63.7	38.0	48.7	40.0	11.7	28.3	36.3	4.2
Female	87.4	56.3	64.4	42.3	48.4	45.2	14.0	31.2	35.6	4.3
White	143.6	94.2	65.6	71.7	49.9	71.9	22.5	49.4	34.4	3.4
Black	17.6	10.4	59.1	7.6	43.0	10.0	2.8	7.2	40.9	3.2
Spanish origin [3]	8.8	3.1	35.3	2.2	25.3	6.5	.9	5.7	64.7	31.8
18–20 yr. old	12.1	4.2	35.0	2.4	19.8	9.7	1.8	7.9	65.0	5.2
21–24 yr. old	16.7	8.0	47.8	4.7	28.4	12.0	3.3	8.7	52.2	4.7
25–34 yr. old	38.8	22.1	57.1	15.7	40.4	23.1	6.5	16.6	42.9	5.6
35–44 yr. old	28.1	19.0	67.5	14.7	52.2	13.5	4.3	9.1	32.5	5.3
45–64 yr. old	44.2	33.4	75.6	27.5	62.2	16.7	5.9	10.8	24.4	3.1
65 yr. and over	25.6	19.2	75.2	15.3	59.9	10.3	3.9	6.4	24.8	2.3
Median age [4] (yr.)	40.4	44.8	(X)	47.0	(X)	34.1	38.0	33.1	(X)	(X)
North and West [5]	110.1	71.8	65.2	57.2	51.9	53.0	14.7	38.3	34.8	4.9
South [5]	55.4	34.2	61.7	23.1	41.8	32.2	11.0	21.2	38.3	3.0
Metropolitan [6]	113.1	70.8	62.6	54.6	48.3	58.5	16.2	42.3	37.4	5.6
In central cities	46.8	28.3	60.4	22.1	47.2	24.7	6.2	18.5	39.6	7.1
Outside central cities	66.2	42.4	64.1	32.5	49.1	33.7	10.0	23.8	35.9	4.5
Nonmetropolitan	52.4	35.2	67.2	25.7	49.1	26.7	9.5	17.2	32.8	1.5
School years completed:										
8 yr. or less	22.4	11.7	52.3	8.0	35.7	14.4	3.7	10.7	47.7	10.6
High school:										
1–3 yrs.	22.3	11.9	53.3	8.4	37.7	13.9	3.5	10.4	46.7	3.5
4 yrs.	65.2	41.0	62.9	30.7	47.1	34.5	10.3	24.2	37.1	3.0
College:										
1–3 yrs.	28.8	20.1	70.0	15.3	53.3	13.4	4.8	8.6	30.0	3.0
4 yrs. or more	26.9	21.3	79.4	17.9	66.5	9.0	3.5	5.5	20.6	4.1
Civilian labor force [2]	108.0	69.0	63.9	52.3	48.4	55.7	16.8	39.0	36.1	4.1
Employed	97.2	63.7	65.5	48.6	50.0	48.6	15.1	33.6	34.5	3.9
Agriculture	3.3	2.1	63.5	1.6	48.1	1.7	.5	1.2	36.6	8.4
Nonagriculture industries	94.0	61.6	65.6	47.0	50.1	46.9	14.6	32.4	34.4	3.8
Private wage and salary workers	70.9	43.8	61.7	32.4	45.7	38.5	11.4	27.1	38.3	4.4
Government workers	15.5	12.4	79.8	10.3	66.5	5.2	2.1	3.1	20.2	1.5
Self-employed [7]	7.6	5.4	72.1	4.3	57.0	3.3	1.1	2.1	27.9	3.3
Unemployed	10.8	5.4	49.8	3.7	34.1	7.1	1.7	5.4	50.2	5.6
White-collar workers [2]	53.4	38.8	72.7	30.9	57.8	22.5	7.9	14.6	27.3	2.7
Professional, technical	17.3	13.4	77.3	11.1	63.9	6.3	2.3	3.9	22.7	3.0
Managers and administrators [8]	11.7	8.8	74.8	7.0	59.5	4.8	1.8	3.0	25.2	2.3
Clerical and kindred workers	18.0	12.2	67.8	9.4	52.2	8.6	2.8	5.8	32.2	2.7
Blue-collar workers [2]	28.2	15.7	55.8	11.0	39.1	17.2	4.7	12.5	44.2	5.1
Craft and kindred workers	12.0	7.3	60.3	5.3	43.7	6.8	2.0	4.8	39.7	3.4
Operatives, except transport	8.9	4.6	52.1	3.1	35.5	5.7	1.5	4.3	47.9	8.5
Service workers	13.0	7.4	56.9	5.3	41.1	7.7	2.0	5.6	43.1	5.7
Farm workers	2.6	1.7	66.7	1.3	51.3	1.3	.4	.9	33.3	8.4
Not in labor force	57.5	37.0	64.3	28.0	48.7	29.5	8.9	20.5	35.7	4.5
Owner occupied [9]	44.5	34.4	77.2	27.7	62.2	16.8	6.7	10.2	22.8	2.1
Renter occupied [9]	16.0	7.6	47.4	5.1	31.9	10.9	2.5	8.4	52.6	8.4

NA Not available. X Not applicable. [1] Includes do not know and not reported. [2] Includes characteristics not shown separately. [3] Persons of Spanish origin may be of any race. [4] For definition of median, see Guide to Tabular Presentation. [5] See fig. I, inside front cover. [6] Standard metropolitan statistical areas as defined in 1970 census publications. [7] Includes unpaid family workers. [8] Excludes persons on farms. [9] Covers family households only; see text, p. 4.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 370 and earlier reports and press release (CB 83-63).

NO. 442. PRESIDENTIAL CAMPAIGN FINANCES—PRIMARY AND GENERAL ELECTION RECEIPTS AND EXPENDITURES, BY POLITICAL PARTY: 1975-1976

[**In millions of dollars.** Covers **Jan. 1, 1975-Dec. 31, 1976.** Based on disclosure documents submitted by candidates, their principal campaign committees, and other authorized committees. Figures adjusted to eliminate refunds and rebates, refunded contributions, loan repayments, and transfers to or from affiliated committees]

RECEIPTS AND EXPENDITURES	PRESIDENTIAL CAMPAIGN				PRIMARY CAMPAIGN			GENERAL ELECTION CAMPAIGN			
	Total	Democratic	Republican	Other [1]	Total	Democratic	Republican	Total	Democratic	Republican	Other [1]
Receipts, total	**114.0**	**61.7**	**50.2**	**2.0**	**67.9**	**39.6**	**26.3**	**46.1**	**22.1**	**22.0**	**2.0**
Private funds [2]	46.1	25.4	18.7	2.0	43.6	25.1	18.5	2.5	.3	.2	2.0
U.S. Treasury funds [3]	67.9	36.3	31.6	-	24.3	14.5	9.7	43.6	21.8	21.8	-
Expenditures, total	**112.8**	**62.9**	**48.0**	**2.0**	**66.9**	**40.7**	**26.2**	**45.9**	**22.2**	**21.8**	**2.0**

- Represents zero. [1] Covers candidates who were on the ballot in 10 or more States. Included under general election since a majority of their financial activity was directed toward that area. [2] Covers contributions, outstanding loans, interest, and miscellaneous income. [3] Represents matching funds given to qualified candidates in the primary campaign and grant funds to the Democratic and Republican party candidates in the general election.

Source: U.S. Federal Election Commission, FEC Disclosure, No. 7: *1976 Presidential Campaign Receipts and Expenditures*, 1977.

NO. 443. PRESIDENTIAL CAMPAIGN FINANCES—PRIMARY CAMPAIGN RECEIPTS AND DISBURSEMENTS AND FEDERAL FUNDS FOR GENERAL ELECTION: 1979-1980

[**In millions of dollars.** Covers **Jan. 1, 1979-Dec. 31, 1980.** See headnote, table 442]

RECEIPTS AND DISBURSEMENTS	PRIMARY CAMPAIGN [1]				CANDIDATE	General election—net Federal funds distributed
	Total		Democratic	Republican		
	Amount	Percent				
Receipts, total [2]	**94.2**	**100.0**	**35.6**	**58.5**	**Total**	**62.8**
Individual contributions	61.0	64.8	23.9	37.1		
Federal matching funds	30.9	32.8	10.3	20.5	Anderson [3]	4.2
					Carter	29.4
Disbursements	92.3	100.0	35.6	56.7	Reagan	29.2

[1] Covers 10 candidates who received Federal matching funds (Democrats: Edmund Brown, James Carter, Edward Kennedy and Lyndon LaRouche; Republicans: John Anderson, Howard Baker, George Bush, Phillip Crane, Robert Dole, and Ronald Reagan). [2] Includes other types of receipts, not shown separately. [3] John Anderson, as the candidate of a new party, was permitted to raise funds privately. Total receipts for the Anderson campaign, including Federal funds, were 17.1 million dollars and total expenditures were 15.0 million dollars.

Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity 1979-1980, Final Report, Presidential Pre-Nomination Campaigns*, October 1981, and November 1981 press release on public financing 1980 Presidential election.

NO. 444. INDEPENDENT EXPENDITURES FOR PRESIDENTIAL AND CONGRESSIONAL CAMPAIGNS: 1979-1980 and 1981-1982

[**In thousands of dollars.** Covers campaign finance activity during 2 year calendar period indicated. An "independent expenditure" is money spent to support or defeat a clearly identified candidate. According to Federal election law, such an expenditure must be made without cooperation or consultation with the candidate or his/her campaign. Independent expenditures are not limited as are contributions]

TYPE OF OFFICE	ALL PARTIES			DEMOCRATS		REPUBLICANS		OTHERS	
	Total	For	Against	For	Against	For	Against	For	Against
1979-1980, total	**16,084**	**13,893**	**2,191**	**441**	**2,057**	**13,180**	**122**	**272**	**11**
President	13,745	12,933	813	123	737	12,538	65	272	11
Congress	2,339	960	1,378	318	1,320	642	57	(Z)	-
Senate	1,654	359	1,295	127	1,282	232	12	-	-
House of Representatives	685	601	83	191	38	410	45	(Z)	-
1981-1982, total Congress	**5,557**	**1,140**	**4,417**	**357**	**3,953**	**783**	**465**	**-**	**-**
Senate	3,934	418	3,516	129	3,118	289	399	-	-
House of Representatives	1,623	722	901	228	835	494	66	-	-

- Represents zero. Z Less than $500.

Source: U.S. Federal Election Commission, *1979-80 FEC Index of Independent Expenditures*, 1981; *FEC Reports On Financial Activity, 1979-1980 Final Report on U.S. Senate and House Campaigns*, 1982; and *FEC Reports on Financial Activity, 1981-1982, Interim Report No. 3, U.S. Senate and House Campaigns*, May 1983.

No. 445. Congressional Campaign Finances—Receipts and Disbursements: 1977 to 1982

[Covers all campaign finance activity during 2 year calendar period indicated for primary, general, run-off, and special elections. For 1977–1978, relates to 1,655 House of Representatives candidates and to 254 Senate candidates; for 1979–1980 to 1,944 House of Representatives candidates and to 344 Senate candidates and for 1981–1982 to 1,956 House of Representatives candidates and to 283 Senate candidates. Except for 1981–1982 data, receipts and disbursements have been adjusted to eliminate transfers between all committees within a campaign]

ITEM	HOUSE						SENATE					
	Amount (mil. dol.)			Percent distribution			Amount (mil. dol.)			Percent distribution		
	1977–1978	1979–1980	1981–1982	1977–1978	1979–1980	1981–1982	1977–1978	1979–1980	1981–1982	1977–1978	1979–1980	1981–1982
Total receipts [1]	**113.9**	**144.0**	**214.0**	**100.0**	**100.0**	**100.0**	**85.5**	**104.8**	**142.6**	**100.0**	**100.0**	**100.0**
Contributions:												
$101–$499	11.1	(NA)	(NA)	9.7	(NA)	(NA)	8.5	(NA)	(NA)	9.9	(NA)	(NA)
$500 and over	14.6	21.9	(NA)	12.8	15.2	(NA)	18.3	25.6	(NA)	21.4	24.4	(NA)
Party committee	5.0	4.8	6.0	4.4	3.3	2.8	1.2	1.2	1.2	1.4	1.1	.8
Non-party committee	24.4	37.9	60.8	21.4	26.3	28.4	9.7	17.3	22.4	11.3	16.5	15.7
Democrats	63.7	71.9	109.1	55.9	49.9	51.0	42.6	54.6	69.2	49.8	52.1	48.5
Republicans	49.4	70.9	104.6	43.4	49.2	48.9	42.4	49.7	73.0	49.6	47.4	51.2
Others	.8	1.2	.3	.7	.8	.1	.5	.4	.4	.6	.4	.3
Incumbents	46.6	72.5	111.9	40.9	50.3	52.3	30.0	38.5	56.1	35.1	36.7	39.3
Challengers	32.1	44.4	53.5	28.2	30.8	25.0	30.1	47.8	48.2	35.2	45.6	33.8
Open seats [2]	35.2	27.1	48.6	30.9	18.8	22.7	25.4	18.5	38.3	29.7	17.7	26.9
Total disbursements	**109.6**	**136.0**	**204.5**	**100.0**	**100.0**	**100.0**	**85.2**	**102.9**	**139.3**	**100.0**	**100.0**	**100.0**
Democrats	61.3	67.8	103.2	55.9	49.9	50.5	42.1	53.6	67.1	49.4	52.1	48.2
Republicans	47.5	67.1	101.0	43.3	49.3	49.4	42.6	48.9	71.8	50.0	47.5	51.5
Others	.8	1.1	.3	.7	.8	.1	.5	.4	.4	.6	.4	.3
Incumbents	43.1	65.7	103.7	39.3	48.3	50.7	30.2	37.8	53.9	35.4	36.7	38.7
Challengers	31.8	43.8	52.9	29.0	32.2	25.9	30.1	47.2	47.7	35.3	45.9	34.2
Open seats [2]	34.7	26.5	47.9	31.7	19.5	23.4	24.9	17.9	37.7	29.2	17.4	27.1

NA Not available. [1] Includes other types of receipts, not shown separately. [2] Elections in which an incumbent did not seek re-election.

Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity, 1977–1978, Interim Report No. 5, U.S. Senate and House Campaigns,* June 1979; *FEC Reports on Financial Activity, 1979–1980, Final Report, U.S. Senate and House Campaigns,* March 1982; and *FEC Reports on Financial Activity, 1981–1982, Interim Report No. 3, U.S. Senate and House Campaigns,* May 1983.

No. 446. Contributions to Congressional Campaigns by Political Action Committees (PAC) by Type of Committee: 1977 to 1982

[**In millions of dollars.** Covers amounts given to candidates in primary, general, run-off, and special elections during the two-year calendar period indicated]

TYPE	HOUSE OF REPRESENTATIVES						SENATE					
	Total	Democrats	Republicans	Incumbents	Challengers	Open seats [1]	Total	Democrats	Republicans	Incumbents	Challengers	Open seats [1]
1977–1978, total [2]	**24.4**	**14.4**	**10.0**	**14.7**	**4.6**	**5.1**	**9.7**	**4.5**	**5.2**	**4.5**	**3.0**	**2.2**
Corporate	6.0	2.6	3.4	3.8	1.1	1.1	3.5	.9	2.6	1.8	.9	.8
Trade association [3]	8.6	3.9	4.7	5.2	1.5	1.9	2.6	.9	1.7	1.3	.7	.6
Labor	7.2	7.0	.2	4.6	1.2	1.4	2.7	2.4	.3	1.2	.9	.6
Non-connected [4]	1.8	.4	1.4	.5	.8	.5	.7	.2	.5	.2	.3	.2
1979–1980, total [2]	**37.9**	**20.5**	**17.2**	**24.9**	**7.9**	**5.1**	**17.3**	**8.3**	**9.0**	**8.6**	**6.6**	**2.1**
Corporate	12.2	4.7	7.5	8.1	2.6	1.5	6.9	2.1	4.8	2.7	3.3	.9
Trade association [3]	11.7	5.1	6.6	8.0	2.2	1.5	4.1	1.9	2.2	2.2	1.4	.5
Labor	9.4	8.9	.4	6.6	1.6	1.2	3.8	3.4	.4	2.7	.7	.4
Non-connected [4]	3.1	.9	2.1	1.0	1.4	.7	1.9	.5	1.4	.5	1.1	.3
1981–1982, total [2]	**60.7**	**34.0**	**26.7**	**40.6**	**10.8**	**9.3**	**22.3**	**11.0**	**11.3**	**14.2**	**5.2**	**2.9**
Corporate	18.8	6.9	11.9	14.3	2.0	2.5	8.5	2.4	6.1	5.5	1.7	1.3
Trade association [3]	16.7	7.1	9.6	12.4	2.0	2.3	5.0	2.2	2.8	3.7	.8	.5
Labor	15.3	14.6	.7	8.5	4.2	2.6	4.8	4.5	.3	3.0	1.3	.5
Non-connected [4]	7.4	3.9	3.5	3.4	2.4	1.6	3.3	1.6	1.7	1.5	1.3	.5

[1] Elections in which an incumbent did not seek re-election. [2] Includes other types of political action committees not shown separately. [3] Includes membership organizations and health organizations. [4] Represents "ideological" groups as well as other issue groups not necessarily ideological in nature.

Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity, 1977–1978, Interim Report No. 5, U.S. Senate and House Campaigns,* June 1979; *FEC Reports on Financial Activity, 1979–1980, Final Report, U.S. Senate and House Campaigns,* March 1982 and *FEC Reports on Financial Activity, 1981–1982, Interim Report No. 3, U.S. Senate and House Campaigns,* May 1983.

1984

Section 10

State and Local Government Finances and Employment

This section presents data on revenues, expenditures, debt, gross assessed value of property, and government employment within State and local governments. Nationwide statistics relating to State and local governments, their numbers, finances, and employment, are compiled primarily by the Bureau of the Census through a program of censuses and surveys. Every fifth year (for years ending in "2" and "7") the Bureau conducts a Census of Governments involving collection of data for all governmental units in the United States. In addition, the Bureau conducts annual surveys which cover all the State governments and a sample of local governments.

Publications issued annually by the Bureau of the Census include a report on governmental finances which presents figures for the Federal government, nationwide totals for State and local governments, by type, and State-local data by States. Also issued annually are a series of publications on State, city, county, and school finances, and on city, county, and other public employment. Financial data are published in the GF publication series; employment data in the GE series. There are also a series of quarterly reports covering tax revenue, and finances of major public employee retirement systems, as well as a series (GSS) of special studies. *Recurrent Publications on Governments* describes the publication program.

Basic information for Census Bureau statistics on governments is obtained mainly by mail canvass from State and local officials; however, financial data for each of the State governments and for many of the large local governments are compiled from their official records and reports by Census Bureau personnel. Financial data on the Federal Government are obtained by the Bureau from the Office of Management and Budget and are published in the *Budget* (see page 311).

Governmental units.—The governmental structure of the United States includes, in addition to the Federal Government and the States, thousands of local governments—counties, municipalities, townships, school districts, and numerous kinds of "special districts." As shown by table 447, almost 82,300 local governments were identified by the 1982 Census of Governments. As defined by the census, governmental units include all agencies or bodies having an organized existence, governmental character, and substantial autonomy. While most of these governments can impose taxes, many of the special districts—such as independent public housing authorities, the New York Port Authority, and numerous local irrigation, power, and other types of districts—are financed from rentals, charges for services, benefit assessments, grants from other governments, toll charges, and other nontax sources. The count of governments excludes semi-autonomous agencies through which States, cities, and counties sometimes provide for certain functions—for example, "dependent" school systems, State institutions of higher education, and certain other "authorities" and special agencies which are under the administrative or fiscal control of an established governmental unit.

Finances.—Unless otherwise stated, financial data relate to fiscal years. Most States end their fiscal year June 30; however Alabama and Michigan end their fiscal years Sept. 30, New York, March 31, and Texas, Aug. 31. Washington, D.C. also ends its fiscal year Sept 30. This was also the practice of the Federal Government until 1976 when its fiscal year, by an act of Congress, was revised to extend from Oct. 1 to Sept. 30. A three-month quarter (July 1 to Sept. 30, 1976) bridged the transition. Beginning 1963, local government figures are for fiscal years which close at various dates during the 12 months ended June 30 of the year specified; figures for 1962 and earlier years are for fiscal years ended during the calendar year.

Nationwide government finance statistics have been classified and presented in terms of uniform concepts and categories, rather than according to the highly diverse terminology, organization, and fund structure utilized by individual governments. Accordingly, financial statistics which appear here for the Federal Government and for individual States or local governments have been standardized and may not agree directly with figures appearing in the original sources.

Statistics on governmental finances distinguish among general government, utilities, liquor stores, and insurance trusts. *General government* comprises all activities except utilities, liquor stores, and insurance trusts. Utilities include government water supply, electric light and power, gas supply, and

transit systems. Liquor stores are operated by 17 States and by local governments in four States. Insurance trusts relate to employee retirement, unemployment compensation, and other social insurance systems administered by State and local governments.

Data for cities relate only to municipal corporations and their dependent agencies, and do not include amounts for other local governments overlying city areas. Therefore, expenditure figures for "education" do not include spending by the separate school districts which administer public schools within most municipal areas. Variations in the assignment of governmental responsibility for public assistance, health, hospitals, public housing, and other functions to a lesser degree also have an important effect upon reported amounts of city expenditure, revenue, and debt. Therefore, any intercity comparisons based upon these figures should be made with caution, and with due recognition of variations that exist among urban areas in the relative role of the municipal corporation.

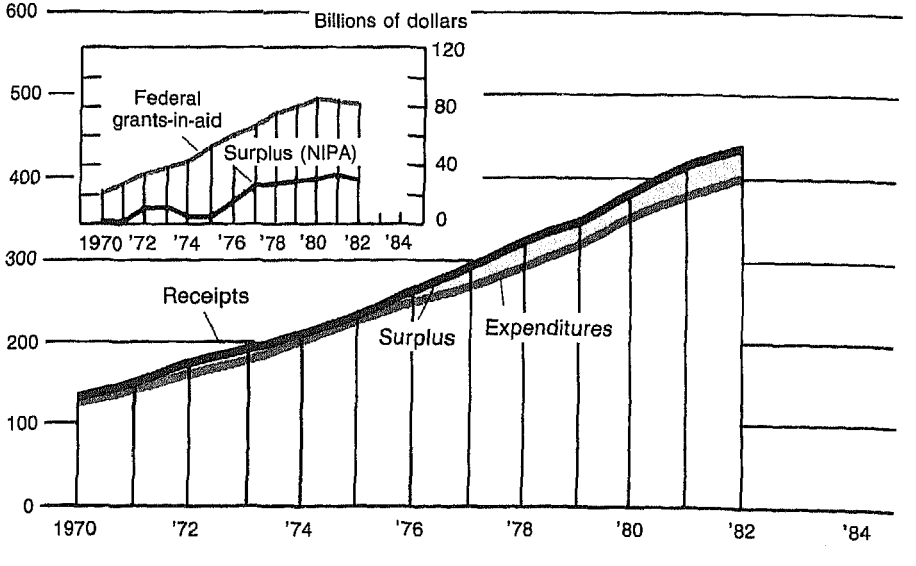
Employment and payrolls.—These data are based mainly on mail canvassing of State and local governments. Payroll includes all salaries, wages, and individual fee payments for the month specified, and employment relates to all persons on governmental payrolls during a pay period of the month covered—including paid officials, temporary help, and (unless otherwise specified) part-time as well as full-time personnel. Figures shown for individual governments cover major dependent agencies such as institutions of higher education, as well as the basic central departments and agencies of the government.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

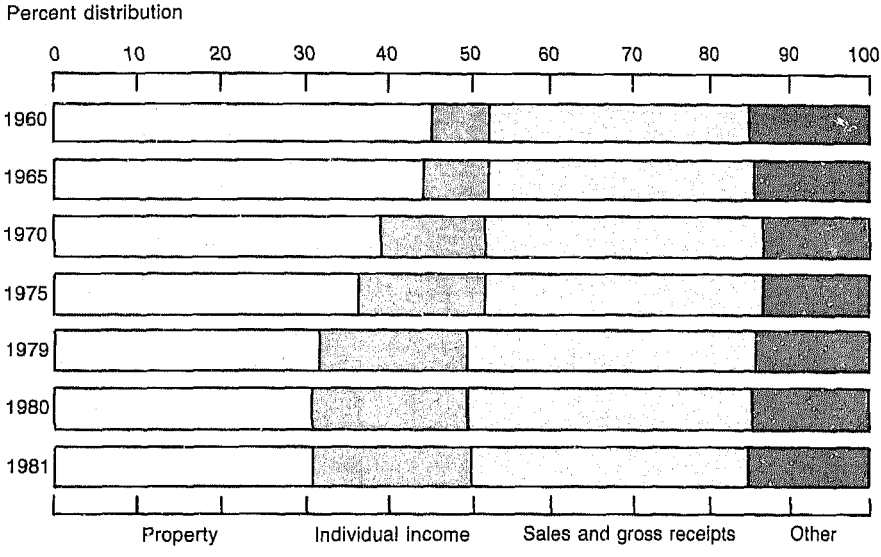
Figure 10.1

State and Local Government Finances: 1970 to 1982



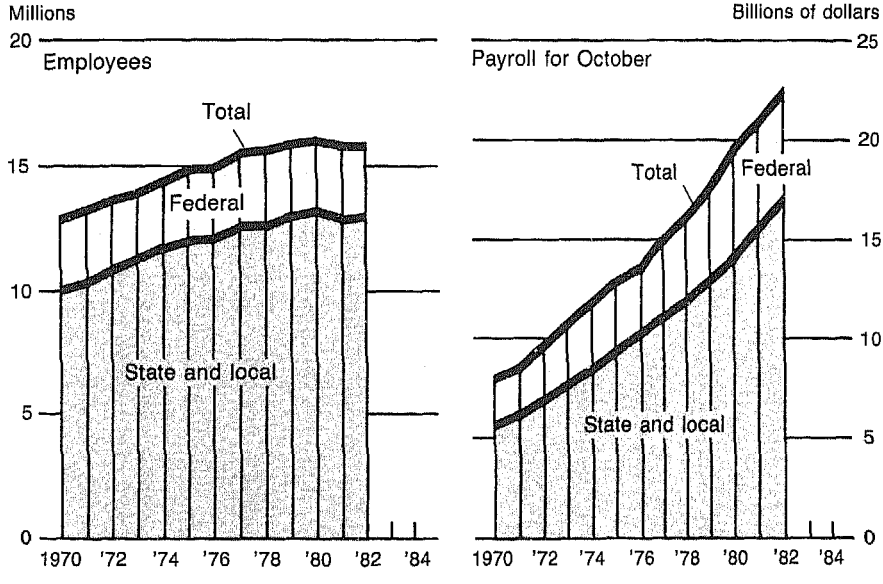
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 460.

Figure 10.2
State and Local Government Taxes — Percent Distribution, by Type: 1960 to 1981



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 453 and 459.

Figure 10.3
Governmental Employment and Payroll: 1970 to 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 487.

No. 447. Number of Governmental Units, by Type of Government: 1942 to 1982

[See text, p. 269]

Type of government	1942	1952	1957	1962	1967	1972	1977	1982
Total	**155,116**	**116,743**	**102,328**	**91,237**	**81,299**	**78,269**	**79,913**	**82,341**
U.S. Government	1	1	1	1	1	1	1	1
States	48	48	48	50	50	50	50	50
Local governments	155,067	116,694	102,279	91,186	81,248	78,218	79,862	82,290
County	3,050	3,049	3,047	3,043	3,049	3,044	3,042	3,041
Municipal	16,220	16,778	17,183	18,000	18,048	18,517	18,862	19,076
Township and town	18,919	17,202	17,198	17,142	17,105	16,991	16,822	16,734
School district	108,579	67,346	50,446	34,678	21,782	15,781	15,174	14,851
Special district	8,299	12,319	14,405	18,323	21,264	23,885	25,962	28,588

Source: U.S. Bureau of the Census, *Census of Governments: 1967, 1972, 1977,* and *1982,* vol. 1, No. 1, *Governmental Organization.*

No. 448. All Governments—Revenue, Expenditure, and Debt: 1950 to 1981

[Prior to 1960, excludes Alaska and Hawaii. Excludes intergovernmental revenue and expenditure. Local government amounts are estimates subject to sampling variation; see Appendix III and source. See also *Historical Statistics, Colonial Times to 1970,* series Y 505–637 and Y 655–848]

Item and year	All governments (bil. dol.)	Federal[1]		State and local (bil. dol.)			Annual percent change[2]			Per capita[3] (dollars)		
		Total (bil. dol.)	Percent of total	Total	State	Local	Federal	State	Local	Total	Federal	State and local
Revenue from own sources:												
1950	67	44	65.3	23	11	12	−3.3	6.7	9.9	440	287	153
1955	106	72	67.6	34	17	18	12.9	7.8	8.8	644	435	209
1960	153	100	65.2	53	26	27	6.8	9.4	8.8	851	554	296
1965	203	126	62.1	77	39	38	4.8	8.1	7.0	1,045	649	396
1970	334	206	61.6	128	69	60	3.0	12.3	9.3	1,642	1,011	631
1972	383	223	58.3	159	84	75	4.5	10.8	12.3	1,839	1,073	766
1973	432	254	58.8	178	97	81	12.7	15.1	8.2	2,059	1,211	850
1974	484	288	59.5	196	108	88	13.6	10.9	8.8	2,289	1,367	927
1975	519	302	58.2	217	119	98	5.0	10.7	10.6	2,436	1,418	1,018
1976	571	324	56.6	248	139	109	7.0	16.7	11.1	2,661	1,507	1,154
1977	658	383	58.1	275	156	120	18.1	12.0	10.2	3,039	1,766	1,272
1978	732	430	58.7	302	172	130	12.3	10.1	9.1	3,356	1,971	1,385
1979	829	500	60.3	330	190	140	16.3	10.7	7.2	3,768	2,270	1,498
1980	932	564	60.5	369	213	156	12.8	12.0	11.5	4,116	2,489	1,627
1981	1,075	659	61.3	416	240	176	16.9	12.9	13.2	4,747	2,909	1,838
Direct expenditure:												
1950	70	42	60.3	28	11	17	11.1	17.3	12.9	464	280	184
1955	111	70	63.5	40	14	26	10.8	5.8	8.8	670	426	244
1960	151	90	59.7	61	22	39	5.2	9.0	8.4	841	502	339
1965	206	119	57.9	87	31	55	5.7	7.3	7.3	1,061	614	447
1970	333	185	55.5	148	56	92	4.5	12.3	10.7	1,638	910	728
1972	399	209	52.3	190	72	118	6.2	13.6	13.3	1,917	1,002	915
1973	437	231	53.0	205	78	127	9.4	7.6	8.0	2,081	1,103	978
1974	478	253	52.8	226	86	139	9.2	10.5	9.5	2,263	1,195	1,069
1975	560	292	52.1	268	107	161	15.5	24.0	15.7	2,628	1,370	1,259
1976	625	322	51.5	303	123	180	10.3	15.1	11.6	2,912	1,500	1,417
1977	682	359	52.8	323	129	194	11.5	4.6	8.0	3,154	1,661	1,494
1978	745	400	53.7	345	137	209	11.5	6.0	7.4	3,418	1,835	1,584
1979	832	452	54.3	380	149	232	13.0	8.9	11.0	3,782	2,054	1,728
1980	959	526	54.8	432	173	259	16.4	16.6	11.8	4,232	2,324	1,909
1981	1,110	625	56.3	485	198	287	18.7	14.4	10.7	4,899	2,757	2,142
Debt outstanding:[4]												
1950	281	257	91.4	24	5	19	.6	19.6	12.1	1,856	1,697	159
1955	319	274	86.1	44	11	33	1.3	16.3	11.9	1,928	1,660	268
1960	356	286	80.4	70	19	51	.9	10.6	9.2	1,979	1,591	389
1965	417	317	76.1	100	27	72	2.1	7.8	7.1	2,150	1,637	513
1970	514	371	72.1	144	42	102	4.8	9.2	7.0	2,531	1,825	706
1972	602	427	71.5	175	54	121	8.5	13.9	9.0	2,938	2,100	838
1973	657	468	71.3	188	59	129	7.1	9.0	7.0	3,130	2,232	898
1974	693	486	70.2	207	65	141	3.8	10.0	9.5	3,278	2,300	977
1975	764	544	71.1	220	72	148	11.9	10.5	4.6	3,591	2,553	1,038
1976	872	631	72.4	241	85	156	16.0	17.6	5.4	4,061	2,941	1,121
1977	969	709	73.2	260	90	169	12.3	6.4	6.4	4,477	3,278	1,200
1978	1,061	780	73.5	280	103	178	10.0	13.7	5.0	4,865	3,579	1,286
1979	1,138	834	73.3	304	112	192	6.9	8.9	8.2	5,170	3,788	1,382
1980	1,250	914	73.1	336	122	214	9.6	9.1	11.1	5,518	4,037	1,481
1981	1,368	1,004	73.4	364	135	229	9.8	10.6	7.2	6,037	4,431	1,606

[1] Data adjusted to system for reporting State and local data and therefore differ from figures in Section 11 tables. [2] Represents average for period of intervals shown; for 1950, change from 1948. For explanation, see Guide to Tabular Presentation. Minus sign (−) denotes decrease. [3] All years except 1970 and 1980 based on estimated population as of July 1; 1970 and 1980 based on resident population enumerated as of Apr. 1. Includes Armed Forces abroad through 1955; thereafter, resident population. Excludes intergovernmental amounts. [4] As of end of fiscal year.

Source: U.S. Bureau of the Census, *Census of Governments: 1977,* vol. 4, No. 5, *Compendium of Government Finances,* and vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment;* and *Governmental Finances,* series GF No. 5, annual.

NO. 449. ALL GOVERNMENTS—SUMMARY OF FINANCES: 1970 TO 1981

[**In billions of dollars, except as indicated.** Federal data adjusted to system for reporting State and local data. Local government amounts are estimates subject to sampling variation; see Appendix III. "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series Y 522-530 and Y 534-566]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981
Revenue, total [1]	**333.8**	**519.3**	**571.2**	**657.5**	**731.7**	**829.4**	**932.2**	**1,075.4**
Revenue from own sources:								
Federal	205.6	302.3	323.5	383.5	429.7	499.6	563.7	659.0
Percent of total	61.6	58.2	56.5	58.3	58.7	60.2	60.5	61.3
State and local	128.2	217.0	247.7	275.4	302.0	329.8	368.5	416.4
State	68.7	119.2	139.1	155.8	171.6	189.9	212.6	240.0
Local	59.6	97.8	108.6	119.6	130.5	139.9	155.9	176.4
General revenue [1]	272.5	402.9	438.3	506.3	565.6	640.5	716.6	820.8
Taxes [2]	232.9	331.4	358.2	419.8	468.2	524.4	574.2	650.2
Individual income	101.2	143.8	156.2	186.0	214.2	254.8	286.1	332.0
Corporation income	36.6	47.3	48.7	64.1	70.7	77.8	77.9	75.3
Sales, gross receipts, and customs	48.6	70.9	76.3	83.8	93.0	101.0	112.0	134.5
Property	34.1	51.5	57.0	62.5	66.4	64.9	68.5	75.0
Charges and miscellaneous	39.6	71.4	80.1	86.5	97.4	116.1	142.4	170.6
Utilities and liquor stores	8.6	13.3	15.1	17.5	20.0	22.6	25.6	29.9
Insurance trusts [2]	52.7	103.1	117.8	133.7	146.1	166.2	190.0	224.7
OASDHI [3] (Federal Social Security)	38.5	75.6	80.3	92.5	104.5	120.5	139.4	163.8
Employee retirement	8.2	14.9	17.3	20.1	22.2	25.3	29.1	34.3
Unemployment compensation	3.2	8.3	15.6	15.8	13.4	13.1	13.7	18.7
Expenditure, total [1]	**330.0**	**560.1**	**625.1**	**682.5**	**745.4**	**832.4**	**958.7**	**1,109.8**
Direct expenditure:								
Federal	184.9	291.9	322.0	359.3	400.1	452.0	526.3	624.6
Percent of total	55.5	52.1	51.4	52.7	53.7	54.3	54.9	56.3
State and local	148.1	268.2	303.0	323.2	345.3	380.4	432.3	485.2
State	56.2	106.9	123.1	128.8	136.5	148.7	173.3	198.3
Local	91.9	161.3	180.0	194.4	208.8	231.7	259.0	286.8
Current operation	197.0	305.2	335.3	368.0	402.2	446.9	517.0	584.8
Capital outlay	47.5	66.6	71.6	75.2	81.1	93.2	99.4	116.5
Construction	28.4	43.0	45.2	43.8	44.7	51.7	58.4	62.3
Equipment, land and existing buildings	19.1	23.6	26.4	31.4	36.4	41.4	41.0	54.2
Assistance and subsidies	20.8	44.0	47.7	48.8	54.0	57.2	64.0	68.6
Interest on debt	19.2	35.1	41.0	46.4	53.4	64.2	78.9	101.0
Insurance benefits and repayments	48.5	109.2	129.4	144.1	154.8	170.9	199.4	236.9
Exhibit: Salaries and wages	*110.5*	*163.7*	*180.4*	*194.0*	*211.6*	*227.5*	*250.9*	*273.8*
General expenditure [1]	275.0	433.6	476.1	514.0	564.3	630.7	723.1	827.9
National defense and international relations	84.3	93.9	98.0	105.6	114.8	128.5	149.5	174.6
Military services only	76.6	86.6	91.0	97.8	105.8	118.3	137.5	160.7
Postal service	7.7	12.7	13.7	14.6	15.3	16.6	18.2	20.5
Education	55.8	95.0	106.3	110.6	118.8	129.4	143.8	158.0
Institutions of higher education	12.9	21.7	24.3	26.0	28.4	30.1	33.9	38.1
Local schools	37.5	61.5	67.7	71.5	76.7	83.4	92.9	100.5
Other education	5.4	11.8	14.3	13.1	13.7	16.0	17.0	19.4
Highways	16.7	22.8	24.2	23.3	24.9	29.0	33.7	34.9
Public welfare	17.5	39.4	45.1	49.4	54.2	59.1	64.8	74.6
Categorical public assistance [4]	6.9	14.1	15.6	16.2	18.1	17.7	19.6	21.5
Other public assistance [5]	.6	1.8	2.1	1.3	2.4	1.3	1.3	1.5
Other public welfare [6]	10.0	23.5	27.4	31.9	33.7	40.1	43.8	51.6
Hospitals	9.7	17.4	18.9	21.3	22.8	25.7	29.2	32.1
Health	3.9	7.5	8.6	9.3	10.2	11.4	14.1	15.2
Police	4.9	9.6	10.7	11.8	12.9	13.9	15.2	16.9
Local fire protection	2.0	3.5	3.9	4.4	4.8	5.1	5.7	6.3
Sanitation	3.4	7.5	8.2	9.4	9.9	11.8	13.2	14.9
Natural resources	11.5	18.1	19.4	22.4	26.3	30.3	35.2	43.6
Stabilization of farm prices and income	4.3	2.4	1.3	2.2	3.6	3.7	6.0	7.2
Parks and recreation	1.9	3.5	3.9	5.7	6.7	7.4	8.2	8.5
Housing and urban renewal	3.2	5.9	5.4	5.6	6.0	8.0	12.1	13.9
Veterans services, n.e.c	5.5	8.6	9.3	10.2	10.8	11.6	12.5	13.8
Financial administration and general control	6.3	11.9	13.4	14.8	16.7	18.7	20.7	22.5
Interest on general debt [7]	18.4	33.8	39.6	44.5	51.3	61.8	76.0	97.6
Air and water transport and terminals	4.0	5.2	5.4	5.7	6.1	7.0	8.3	11.7
Other and unallocable	18.2	37.0	42.1	45.6	51.8	55.2	62.4	68.3
Utility and liquor stores [7]	9.4	17.3	19.5	24.2	26.3	30.8	36.2	43.0
Insurance trusts [2]	48.5	109.2	129.4	144.1	154.8	170.9	199.4	238.9
OASDHI [3] (Federal Social Security)	35.8	76.6	88.3	103.2	115.0	129.2	149.5	177.5
Employee retirement	6.4	14.6	16.8	19.2	21.8	24.8	28.9	33.6
Unemployment compensation	2.8	12.4	18.1	14.9	10.9	9.0	12.3	18.2

[1] Excludes duplicate transactions between levels of government. [2] Includes other items, not shown separately. [3] Old-age, survivors, disability, and health insurance. [4] Old-age assistance, aid to families with dependent children, aid to the blind, and aid to the disabled. [5] Cash assistance for general relief wholly financed from State and local sources. [6] Vendor payments under various public welfare programs, including the medicaid program. [7] Interest on utility debt included in "utility and liquor stores."

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment;* and *Governmental Finances*, series GF No. 5, annual.

No. 450. All Governments—Revenue, by Source and Level: 1970 to 1981

[In billions of dollars. Local government amounts are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 567-584 and Y 652-665]

Source of revenue	1970		1975		1979		1980		1981	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
Total revenue	**205.6**	**[1] 150.1**	**303.5**	**[1] 264.0**	**500.9**	**[1] 404.9**	**565.5**	**[1] 451.5**	**660.8**	**506.7**
General revenue	163.6	[1] 130.8	223.0	[1] 228.2	373.8	[1] 343.3	419.1	[1] 382.3	489.5	423.4
Intergovernmental	(X)	21.9	1.2	47.1	1.3	75.2	1.8	83.0	1.8	90.3
From Federal government	(X)	21.9	(X)	47.1	(X)	75.2	(X)	83.0	(X)	90.3
From State governments	(X)	(Z)	1.2	(Z)	1.3	(Z)	1.8	(Z)	1.8	(Z)
From local governments	*(X)*	*(Z)*	*(X)*	*(Z)*	*(X)*	*(Z)*	*(X)*	*(Z)*	*(X)*	*(Z)*
From own sources	163.6	108.9	221.7	181.1	372.4	268.1	417.3	299.3	487.7	333.1
Taxes [2]	146.1	86.8	190.0	141.5	318.9	205.5	350.8	223.5	405.7	244.5
Property	(X)	34.1	(X)	51.5	(X)	64.9	(X)	68.5	(X)	75.0
Individual income	90.4	10.8	122.4	21.5	217.8	36.9	244.1	42.1	285.6	46.4
Corporation income	32.8	3.7	40.6	6.6	65.7	12.1	64.6	13.3	61.1	14.1
Sales, gross receipts and customs [2]	18.3	30.3	21.1	49.8	26.7	74.2	32.0	79.9	48.6	86.0
General	(X)	16.1	(X)	29.1	(X)	46.6	(X)	51.3	(X)	55.6
Selective [2]	15.9	14.2	16.8	20.7	19.0	27.7	24.6	28.6	40.4	30.3
Motor fuel	3.8	6.3	4.5	8.3	5.2	10.1	4.9	9.8	4.7	9.9
Alcoholic beverages	4.7	1.5	5.3	2.1	5.6	2.5	5.7	2.6	5.7	2.8
Tobacco products	2.1	2.4	2.3	3.4	2.5	3.8	2.4	3.9	2.6	4.0
Public utilities	1.7	1.5	2.9	3.1	2.8	5.2	2.9	5.9	2.3	6.7
Death and gift tax	3.6	1.0	4.6	1.4	5.4	2.0	6.4	2.0	6.8	2.2
Charges and miscellaneous [2]	17.5	22.1	31.8	39.7	53.5	62.6	66.6	75.8	82.0	88.6
Education	(Z)	5.8	(Z)	9.1	.1	12.4	.1	13.8	–	15.3
Postal service	6.2	(X)	9.6	(X)	15.4	(X)	16.4	(X)	18.4	(X)
Hospitals	(Z)	3.1	(Z)	6.0	.1	11.0	.1	12.7	.1	14.8
Natural resources [3]	2.3	.6	3.0	.8	7.5	1.7	9.9	1.9	10.1	2.2
Sewerage and sanitation	(X)	1.2	(X)	2.5	(X)	4.2	(X)	4.9	(X)	5.7
Utility and liquor stores	(X)	8.6	(X)	13.3	(X)	22.6	(X)	25.6	(X)	29.9
Insurance trusts	42.0	10.7	80.5	22.5	127.2	39.0	146.4	43.7	171.2	53.4

– Represents zero or rounds to zero. X Not applicable. Z Less than $50 million. [1] Aggregates exclude duplicative transactions between State and local governments; see source. [2] Includes other amounts not shown separately. [3] Includes parks and recreation.

Source: U.S. Bureau of the Census, *Census of Governments:* 1977, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*, and *Governmental Finances*, series GF No. 5, annual.

No. 451. All Governments—General Expenditure, by Function and Level: 1970 to 1981

[In billions of dollars. Local government amounts are estimates subject to sampling variation; see source and Appendix III. Aggregates exclude duplicative transactions between levels of government. See also *Historical Statistics, Colonial Times to 1970*, series Y 605-631 and Y 682-704]

Function	1970		1975		1979		1980		1981	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
Total, all functions	**166.9**	**[1] 131.3**	**253.5**	**[1] 230.7**	**389.8**	**[1] 327.5**	**446.6**	**[1] 369.1**	**516.9**	**[1] 407.4**
Direct general	143.7	131.3	203.9	229.7	304.7	326.0	355.8	367.3	422.3	405.6
Intergovernmental	23.3	(X)	49.6	[2] 1.0	85.2	[2] 1.5	90.8	[2] 1.7	94.6	[2] 1.9
National defense and international relations	84.3	(X)	93.9	(X)	128.5	(X)	149.5	(X)	174.6	(X)
Postal service	7.7	(X)	12.7	(X)	16.6	(X)	18.2	(X)	20.5	(X)
Education	8.9	52.7	16.1	87.9	21.4	119.4	23.5	133.2	24.9	145.8
Highways	4.9	16.4	5.1	22.5	7.7	28.4	9.9	33.3	9.6	34.6
Public welfare	10.4	14.7	26.6	28.2	42.2	41.9	47.7	47.3	56.8	54.1
Health and hospitals	4.9	9.7	8.0	18.8	11.9	28.2	14.6	32.2	15.0	36.1
Natural resources [3]	[4] 9.0	[5] 4.6	[4] 14.7	7.7	28.7	10.6	33.1	12.0	41.1	13.2
Housing and urban renewal	2.7	2.1	5.1	3.5	9.6	4.7	12.2	6.1	12.9	7.1
Space research and technology	3.7	(X)	3.3	(X)	4.2	(X)	4.9	(X)	5.5	(X)
Air transportation	1.2	1.0	2.0	1.4	2.9	1.9	3.2	2.5	4.7	2.7
Social insurance administration	1.7	.8	2.7	1.5	3.9	1.8	4.4	2.0	4.9	2.3
Interest on general debt	14.0	4.4	25.0	8.8	48.8	13.0	61.3	14.7	80.5	17.1
Other and combined	13.6	24.9	38.3	50.4	63.5	77.5	64.1	85.8	65.9	94.4

X Not applicable. [1] Excludes duplicative transactions between State and local governments. [2] State contributions to Federal government. [3] Except as noted, includes parks and recreation. [4] Excludes parks and recreation. [5] Excludes State funds for parks.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*, and *Governmental Finances*, series GF No. 5, annual and unpublished data.

No. 452. All Governments—Revenue and Expenditure, by Level of Government: 1981

[Local government amounts are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 505-637 and Y 652-848]

Source of revenue and type of expenditure	All governments (mil. dol.)	Federal (mil. dol.)	State (mil. dol.)	Local (mil. dol.)	Percent		Per capita [1] (dol.)	
					Federal	State and local [2]	Federal	State and local [2]
Revenue	[2] **1,075,387**	**660,759**	**310,828**	[2] **287,934**	**100.0**	**100.0**	**2,917**	**2,237**
Intergovernment revenue	([2])	1,804	70,786	111,443	.3	17.8	8	399
Revenue from own sources	1,075,387	658,954	240,042	176,391	99.7	82.2	2,909	1,838
General revenue from own sources	820,814	487,705	187,373	145,736	73.8	65.7	2,153	1,470
Percent of total revenue	76.3	73.8	60.3	50.6	(x)	(x)	(x)	(x)
Taxes [3]	650,228	405,714	149,738	94,776	61.4	48.3	1,791	1,079
Property	74,969	(x)	2,949	72,020	(x)	14.8	(x)	331
Individual income	311,977	285,551	40,895	5,531	43.2	9.2	1,260	205
Corporation income	75,280	61,137	14,143	([4])	9.3	2.8	270	62
Sales and gross receipts	134,532	48,561	72,751	13,220	7.3	17.0	214	379
Customs duties	8,161	8,161	(x)	(x)	1.2	(x)	36	(x)
General sales and gross receipts	55,641	(x)	46,412	9,229	(x)	11.0	(x)	246
Selective sales and gross receipts [3]	70,730	40,400	26,339	3,991	6.1	6.0	178	134
Motor fuel	14,537	4,678	9,734	125	.7	1.9	21	44
Alcoholic beverages	8,487	5,667	2,613	206	.9	.6	25	12
Tobacco products	6,631	2,584	3,893	154	.4	.8	11	18
Public utilities	9,038	2,326	4,296	2,417	.4	1.3	10	30
Motor vehicle and operators' licenses	6,108	(x)	5,695	413	(x)	1.2	(x)	27
Death and gift	9,016	6,787	2,229	-	1.0	.4	30	10
Charges and misc. general revenue [3]	170,586	81,991	37,636	50,960	12.4	17.5	362	391
Current charges [3]	90,534	40,296	18,775	31,463	6.1	9.9	178	222
National defense and international relations	6,138	6,138	(x)	(x)	.9	(x)	27	(x)
Postal service	18,373	18,373	(x)	(x)	2.8	(x)	81	(x)
Education [3]	15,326	-	10,517	4,808	-	3.0	-	68
School lunch sales	2,105	(x)	7	2,098	(x)	.4	(x)	9
Higher education	11,803	-	10,312	1,491	-	2.3	-	52
Natural resources	10,942	10,111	567	263	1.5	.2	45	4
Hospitals	14,829	69	4,085	10,675	(z)	2.9	(z)	65
Sewerage and sanitation	5,702	(x)	3	5,698	(x)	1.1	(x)	25
Parks and recreation	1,395	25	326	1,043	(z)	.3	(z)	6
Housing and urban renewal	2,322	976	109	1,237	.1	.3	4	6
Air transportation	2,120	22	206	1,892	(z)	.4	(z)	9
Water transport and terminals	1,364	460	267	637	.1	.2	2	4
Special assessments	1,353	(x)	35	1,319	(x)	.3	(x)	6
Sale of property	1,014	437	79	498	.1	.1	2	3
Interest earnings	36,234	15,776	9,756	10,702	2.4	4.0	70	90
Utility revenue	26,617	(x)	1,823	24,794	(x)	5.3	(x)	117
Liquor stores	3,278	(x)	2,805	474	(x)	.6	(x)	14
Insurance trust revenue	224,678	171,249	48,041	5,388	25.9	10.5	756	236
Expenditure	[2] **1,109,815**	**719,249**	**291,527**	[2] **288,571**	**100.0**	**100.0**	**3,175**	**2,150**
Intergovernment expenditure	([2])	94,609	93,180	1,744	13.2	.4	418	8
General revenue sharing	([2])	5,133	(x)	(x)	.7	(x)	23	(x)
Direct expenditure	1,109,815	624,640	198,347	286,827	86.8	99.6	2,757	2,142
General expenditure	827,877	422,301	160,474	245,102	58.7	83.3	1,864	1,790
Percent of total expenditure	74.6	58.7	55.0	84.9	(x)	(x)	(x)	(x)
Utility expenditure	40,290	(x)	3,347	36,943	(x)	8.3	(x)	178
Liquor stores expenditure	2,726	(x)	2,305	421	(x)	.6	(x)	12
Insurance trust expenditure	238,922	202,339	32,221	4,361	28.1	7.5	893	161
By character and object:								
Current operation	584,819	241,196	122,794	220,829	33.5	70.6	1,065	1,517
Capital outlay	116,499	48,903	24,286	43,311	6.8	13.9	216	298
Construction	62,310	7,360	20,632	34,318	1.0	11.3	32	243
Equip., land and existing structures	54,189	41,543	3,654	8,993	5.8	2.6	183	56
Assistance and subsidies	68,553	51,692	10,889	5,971	7.2	3.5	228	74
Interest on debt (general and utility)	101,021	80,510	8,157	12,354	11.2	4.2	355	91
Insurance benefits and repayments	238,922	202,339	32,221	4,361	28.1	7.5	893	161
Expenditure for salaries and wages	273,815	93,553	53,072	127,189	13.0	37.0	413	796

- Represents or rounds to zero. X Not applicable. Z Less than .05 percent or $.50. [1] Based on enumerated resident population as of April 1, 1980. [2] Aggregates exclude duplicative transactions between levels of government; see source. [3] Includes amounts not shown separately. [4] Minor amount included in individual income tax. [5] Includes pay and allowances of military personnel.

Source: U.S. Bureau of the Census, *Governmental Finances in 1980-81*, series GF 81, No. 5.

No. 453. All Governments—Tax Revenue, by Source and Level: 1960 to 1981

[Local government amounts are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series Y 507–512, Y 569–579, Y 657–662, Y 716–727, and Y 802–806]

Source and year	All governments		Federal [1]		State and local		Annual percent change [2]			Per capita [3] (dollars)	
	Total (mil. dol.)	Percent of total	Total (mil. dol.)	Percent of all govt.	State (mil. dol.)	Local (mil. dol.)	Federal	State	Local	Federal	State and local
Total:											
1960	113,120	100.0	77,003	68.1	18,036	18,081	6.0	9.2	8.8	428	201
1965	144,963	100.0	93,710	64.6	26,126	25,116	4.0	7.7	6.8	483	264
1970	232,877	100.0	146,082	62.7	47,962	38,833	9.3	12.9	9.1	719	427
1975	331,435	100.0	189,970	57.3	80,155	61,310	3.2	6.0	6.5	892	664
1976	358,227	100.0	201,414	56.2	89,256	67,557	6.0	11.4	10.2	938	731
1977	419,721	100.0	243,842	58.1	101,085	74,794	21.1	13.3	10.7	1,127	813
1978	468,161	100.0	274,519	58.6	113,261	80,381	12.6	12.0	7.5	1,259	888
1979	524,446	100.0	318,932	60.8	124,908	80,606	16.1	10.3	.3	1,449	934
1980	574,244	100.0	350,781	61.1	137,075	86,387	10.0	9.8	7.2	1,549	987
1981	650,228	100.0	405,714	62.4	149,738	94,776	15.7	9.2	9.7	1,791	1,079
Individual income:											
1960	43,178	38.2	40,715	94.3	2,209	[4] 254	7.2	15.1	[4] 12.2	226	14
1965	52,882	36.5	48,792	92.3	3,657	[4] 433	3.7	10.6	[4] 11.3	252	21
1970	101,224	43.5	90,412	89.3	9,183	[4] 1,630	13.1	20.2	[4] 30.4	445	53
1975	143,840	43.4	122,386	85.1	18,819	[4] 2,635	2.9	10.2	[4] 9.2	574	101
1976	156,178	43.6	131,603	84.3	21,448	[4] 3,127	7.5	14.0	[4] 18.7	613	114
1977	185,970	44.3	156,725	84.3	25,493	[4] 3,752	19.1	18.9	[4] 20.0	724	135
1978	214,164	45.7	180,988	84.5	29,105	[4] 4,071	15.5	14.2	[4] 8.5	830	152
1979	254,773	48.6	217,841	85.5	32,622	[4] 4,309	20.4	12.1	[4] 5.8	990	168
1980	286,149	49.8	244,069	85.3	37,089	[4] 4,990	12.0	13.7	[4] 15.8	1,078	186
1981	331,977	51.0	285,551	86.0	40,895	[4] 5,531	17.0	10.3	[4] 10.8	1,260	205
Corporation income:											
1960	22,674	20.0	21,494	94.8	1,180	([4])	3.8	9.9	([4])	119	7
1965	27,390	18.9	25,461	93.0	1,929	([4])	3.4	10.3	([4])	131	10
1970	36,567	15.7	32,829	89.8	3,738	([4])	5.2	14.2	([4])	162	18
1975	47,263	14.3	40,621	85.9	6,642	([4])	5.2	10.4	([4])	191	31
1976	48,682	13.6	41,409	85.1	7,273	([4])	1.9	9.5	([4])	193	34
1977	*64,066*	*15.3*	*54,892*	*85.7*	*9,174*	([4])	*32.6*	*26.1*	([4])	*254*	*42*
1978	70,690	15.1	59,952	84.8	10,738	([4])	9.2	17.0	([4])	275	49
1979	77,805	14.8	65,677	84.4	12,128	([4])	9.5	12.9	([4])	298	55
1980	77,921	13.6	64,600	82.9	13,321	([4])	−1.6	9.8	([4])	285	59
1981	75,280	11.6	61,137	81.2	14,143	([4])	−5.4	6.2	([4])	270	62
Sales and gross receipts: [5]											
1960	24,452	21.6	12,603	51.5	10,510	1,339	5.6	8.9	11.4	70	66
1965	32,904	22.7	15,786	48.0	15,059	2,059	4.6	7.5	9.0	81	88
1970	48,619	20.9	18,297	37.6	27,254	3,068	3.0	12.6	7.9	90	149
1975	70,905	21.4	21,090	29.7	43,346	6,468	2.7	6.9	16.7	99	234
1976	76,265	21.3	21,718	28.5	47,391	7,156	3.0	9.3	10.6	101	254
1977	83,775	20.0	23,180	27.7	52,362	8,232	6.7	10.5	15.0	107	280
1978	93,049	19.9	25,453	27.4	58,270	9,326	9.8	11.3	13.3	117	310
1979	100,961	19.3	26,714	26.5	63,668	10,579	4.9	9.3	13.4	121	337
1980	111,961	19.5	32,034	28.6	67,855	12,072	19.9	6.5	14.1	141	353
1981	134,532	20.7	48,561	36.1	72,751	13,220	51.6	7.2	9.5	214	379
Property:											
1960	16,405	14.5	(X)	(X)	607	15,798	(X)	8.1	8.9	(X)	91
1965	22,583	15.6	(X)	(X)	766	21,817	(X)	4.8	6.7	(X)	117
1970	34,054	14.6	(X)	(X)	1,092	32,963	(X)	7.4	8.6	(X)	168
1975	51,491	15.5	(X)	(X)	1,451	50,040	(X)	11.5	7.7	(X)	242
1976	57,001	15.9	(X)	(X)	2,118	54,884	(X)	46.0	9.7	(X)	266
1977	62,535	14.9	(X)	(X)	2,260	60,275	(X)	6.7	9.8	(X)	289
1978	66,422	14.1	(X)	(X)	2,364	64,058	(X)	4.6	6.3	(X)	305
1979	64,944	12.4	(X)	(X)	2,490	62,453	(X)	5.3	−2.5	(X)	295
1980	68,499	11.9	(X)	(X)	2,892	65,607	(X)	16.1	5.0	(X)	302
1981	74,969	11.5	(X)	(X)	2,949	72,020	(X)	2.0	9.8	(X)	331
Other taxes: [6]											
1960	6,411	5.7	2,191	34.2	3,530	692	9.3	7.2	1.8	12	23
1965	9,191	6.3	3,670	39.9	4,715	807	10.9	6.0	3.1	19	28
1970	12,413	5.3	4,544	36.6	6,695	1,173	4.4	7.3	7.8	22	39
1975	17,936	5.4	5,873	32.7	9,897	2,166	−2.2	6.9	2.8	28	57
1976	20,101	5.6	6,684	33.3	11,026	2,390	13.8	11.4	10.3	31	63
1977	23,375	5.6	9,045	38.7	11,796	2,534	35.3	7.0	6.0	42	66
1978	23,835	5.1	8,126	34.1	12,784	2,925	−10.2	8.4	15.4	37	72
1979	25,964	5.0	8,700	33.5	13,999	3,264	7.1	9.5	11.6	40	78
1980	29,714	5.2	10,078	33.9	15,917	3,718	15.8	13.7	13.9	44	87
1981	33,469	5.1	10,465	31.3	18,999	4,005	3.8	19.4	7.7	46	102

X Not applicable. [1] Corporation income taxes include excess profits tax, normal tax, and surtax. [2] For explanation, see Guide to Tabular Presentation. Represents average for period of intervals shown here; for 1960, change from 1955. Minus sign (−) denotes decrease. [3] See footnote 3, table 448. [4] Corporation included with individual income. [5] Federal taxes include customs. [6] Includes licenses.

Source: U.S. Bureau of the Census, *Census of Governments: 1977,* vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment,* and *Governmental Finances,* series GF No. 5, annual.

NO. 454. ALL GOVERNMENTS—EXPENDITURE FOR CAPITAL OUTLAY: 1970 TO 1981

[**In millions of dollars.** Local government data are estimates subject to sampling variation; see Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series Y 523-524, Y 593-594, Y 673-674, Y 740-741, and Y 787-788]

YEAR AND FUNCTION	TOTAL CAPITAL OUTLAY					CONSTRUCTION EXPENDITURE ONLY				
	All governments	Federal	State and local			All governments	Federal	State and local		
			Total	State	Local			Total	State	Local
1970	47,519	17,869	29,650	13,295	16,355	28,402	4,150	24,252	11,185	13,067
1974	57,250	19,166	38,084	15,417	22,667	35,651	5,109	30,542	12,655	17,887
1975	66,622	21,798	44,824	17,307	27,517	42,961	6,605	36,356	14,443	21,913
1976	71,631	25,100	46,531	18,009	28,522	45,223	6,924	38,299	15,285	23,014
1977	75,160	30,006	45,154	16,964	28,190	43,763	7,429	36,334	13,803	22,531
1978	81,058	36,289	44,769	16,064	28,705	44,720	8,521	36,199	13,260	22,939
1979	93,156	39,960	53,196	19,124	34,072	51,734	8,408	43,326	15,930	27,396
1980	99,386	36,492	62,894	23,325	39,568	58,410	6,918	51,492	19,735	31,755
1981, total	**116,499**	**48,903**	**67,596**	**24,287**	**43,310**	**62,310**	**7,360**	**54,950**	**20,632**	**34,318**
National defense [1]	39,441	39,441	(x)	(x)	(x)	2,015	2,015	(x)	(x)	(x)
Space research [2]	226	226	(x)	(x)	(x)	115	115	(x)	(x)	(x)
Education	11,328	1	11,327	3,780	7,547	7,674	–	7,674	2,573	5,101
Higher education	3,474	(x)	3,474	2,979	495	2,228	(x)	2,228	1,919	309
Local schools	7,441	(x)	7,441	389	7,052	5,128	(x)	5,128	336	4,792
Other	413	1	412	412	–	318	–	318	318	–
Highways	19,450	115	19,334	14,247	5,087	17,704	112	17,592	13,269	4,323
Natural resources	6,114	5,097	1,017	570	448	3,850	3,168	682	327	355
Health and hospitals	3,165	606	2,559	1,347	1,213	2,387	436	1,951	1,094	857
Sewerage	6,911	(x)	6,911	220	6,692	6,598	(x)	6,598	217	6,381
Parks and recreation	2,308	236	2,072	473	1,599	1657	216	1,441	304	1,137
Housing, urban renewal	3,065	376	2,689	72	2,617	1,956	–	1,956	67	1,889
Air transportation	1,723	285	1,438	154	1,284	1,351	44	1,307	146	1,161
Water transport [3]	1,736	858	878	292	585	1,584	823	761	241	519
Utilities	11,562	(x)	11,562	933	10,629	9,763	(x)	9,763	831	8,930
All other	9,472	1,662	7,810	2,199	5,610	5,659	431	5,228	1,563	3,665

– Represents or rounds to zero. X Not applicable. [1] Includes international relations and U.S service schools.
[2] Includes technology. [3] Includes terminals.

Source: U.S. Bureau of the Census, *Census of Governments: 1977,* vol. 4, No. 5, *Compendium of Governmental Finances;* vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment;* and *Governmental Finances,* series GF No. 5, annual.

NO. 455. ALL GOVERNMENTS—GROSS AND NET STOCK OF GOVERNMENT-OWNED FIXED CAPITAL AND GROSS CAPITAL FORMATION IN CURRENT AND CONSTANT (1972) DOLLARS: 1970 TO 1982

[**In billions of dollars.** Stocks are as of Dec. 31; capital formation and depreciation are annual totals; net stock and depreciation are based on the straight-line depreciation formula]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982
CURRENT DOLLARS									
All governments:									
Gross stock	1,005.4	1,701.8	1,815.7	2,015.0	2,264.6	2,598.7	2,939.7	3,158.7	3,284.3
Equipment	223.7	318.0	344.8	386.5	428.3	483.5	562.3	639.7	710.6
Structures	781.8	1,383.8	1,470.9	1,628.5	1,836.3	2,115.2	2,377.4	2,519.0	2,573.8
Net stock	628.8	1,058.3	1,121.5	1,235.6	1,384.6	1,582.1	1,777.6	1,892.2	1,951.3
Equipment	115.9	166.1	179.6	199.9	223.7	256.2	298.7	340.2	380.7
Structures	513.0	892.2	942.0	1,035.7	1,160.9	1,326.0	1,478.9	1,552.0	1,570.6
Gross fixed capital formation	42.9	63.0	63.2	64.2	79.1	88.8	98.7	99.6	109.0
Depreciation	28.2	44.9	47.8	52.2	58.8	67.6	77.1	84.7	91.3
Net fixed capital formation	14.7	18.1	15.4	12.0	20.3	21.2	21.5	14.9	17.6
State and local governments:									
Gross stock	637.8	1,162.2	1,237.6	1,377.3	1,564.5	1,799.2	2,034.8	2,145.4	2,193.9
Equipment	34.7	69.6	78.3	88.0	100.2	114.3	127.8	142.5	152.0
Structures	603.1	1,092.6	1,159.2	1,289.3	1,464.3	1,684.9	1,907.1	2,002.9	2,041.9
Net stock	427.6	766.7	811.0	894.9	1,008.1	1,148.8	1,286.1	1,342.1	1,357.6
Equipment	20.6	42.2	46.9	51.9	57.9	64.4	70.1	76.3	79.7
Structures	407.0	724.6	764.1	843.0	950.2	1,084.4	1,216.0	1,265.7	1,277.8
Gross fixed capital formation	28.8	41.8	39.8	39.0	45.6	48.4	53.8	52.3	51.0
Depreciation	12.8	24.6	26.0	28.3	32.7	38.2	43.5	46.3	47.9
Net fixed capital formation	16.0	17.2	13.8	10.7	12.8	10.2	10.3	5.9	3.1
CONSTANT (1972) DOLLARS									
State and local governments:									
Gross stock	698.2	822.8	843.5	861.9	881.1	897.9	915.0	929.0	941.4
Net stock	468.2	543.0	552.8	559.8	567.4	572.9	577.9	580.5	581.8
Gross fixed capital formation	33.0	30.3	28.1	26.0	27.1	25.3	25.3	23.3	22.3

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925-79, Survey of Current Business,* October 1982, and unpublished data.

456. Federal Grants-in-Aid—Summary: 1970 to 1984

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Minus sign (−) denotes decrease]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983 [1]	1984 [1]
CURRENT DOLLARS											
Total grants	24.0	49.8	59.1	68.4	77.9	82.9	91.5	94.8	88.2	93.5	95.9
Avg. annual percent change [2]	18.2	14.7	18.7	15.7	13.9	6.4	10.4	3.6	−7.0	5.3	2.6
Grants to Individuals	9.0	17.4	21.0	23.9	26.0	28.8	34.2	40.1	37.8	(NA)	(NA)
Percent of total	37.5	34.9	35.5	34.9	33.4	34.7	37.4	42.3	45.5	(NA)	(NA)
Grants as percent of—											
State-local government receipts [3]	22.9	29.1	31.1	31.0	31.7	31.3	31.7	29.4	25.4	(NA)	(NA)
Federal outlays	12.2	15.3	16.1	17.0	17.3	16.8	15.8	14.4	12.1	11.6	11.3
Gross national product [4]	2.5	3.4	3.6	3.7	3.7	3.5	3.6	3.2	2.9	2.9	2.7
CONSTANT (1972) DOLLARS											
Total grants	26.2	39.6	44.7	48.8	51.8	50.7	51.2	48.5	42.6	42.9	41.8
Average annual percent change [2]	12.0	5.0	12.9	9.2	6.1	−2.1	1.0	−5.3	−12.2	.7	−2.6

NA Not available. [1] Estimates. [2] Percent change from immediate per year. [3] From own sources. Receipts as defined in the national income and product accounts.

Source: Advisory Commission on Intergovernmental Relations, Washington, D.C., *Significant Features of Fiscal Federalism, 1981–82.*

No. 457. Federal Aid to State and Local Governments: 1970 to 1983

[**In millions of dollars.** Through **1975,** for years ending **June 30;** beginning **1977,** ending **Sept. 30.** Includes trust funds. See *Historical Statistics, Colonial Times to 1970,* series Y 638–651, for related data]

TYPE OF AID, FUNCTION, AND MAJOR PROGRAM	1970	1975	1977	1978	1979	1980	1981	1982	1983, est.
Grant-in-aid shared revenue	[1]24,014	49,834	68,414	77,889	82,858	91,472	94,762	88,194	93,537
National defense	37	74	96	60	94	93	75	68	76
Natural resources and environment	*429*	*2,436*	*4,189*	*3,898*	*4,630*	*5,362*	*4,944*	*4,871*	*4,110*
Environmental Protection Agency	194	2,025	3,724	3,390	3,962	4,603	4,181	4,079	3,387
Energy	25	43	74	180	183	499	617	509	592
Agriculture	603	404	371	426	456	568	829	986	1,399
Transportation [2]	4,538	5,864	8,299	8,837	10,438	13,087	13,462	12,171	13,315
Airports	83	292	335	562	556	590	469	339	527
Highways	4,334	4,702	6,027	6,110	7,329	9,209	9,107	7,903	8,711
Railroads	–	(z)	22	35	52	54	51	80	207
Urban mass transit	105	689	1,616	1,972	2,408	3,129	3,771	3,782	3,740
Commerce and housing credit	(z)	8	8	13	12	3	4	3	3
Community and regional development [2]	1,780	2,842	4,496	7,078	6,641	6,486	6,124	5,379	5,022
Appalachian development	184	306	246	257	297	335	329	304	248
Community development block grants	(x)	38	2,089	2,464	3,161	3,902	4,012	3,792	3,525
Urban renewal	1,054	1,374	899	392	298	214	156	101	71
Education, employment, training, social services [2]	6,390	12,133	15,753	20,557	22,249	21,862	21,146	16,589	16,768
Elementary and secondary education [3]	1,470	2,276	2,340	2,801	3,114	3,536	3,514	(x)	(x)
Compensatory education for the disadvantaged [3]	(x)	(x)	(x)	(x)	(x)	(x)	(x)	2,939	3,008
Special programs and populations [3]	(x)	(x)	(x)	(x)	(x)	(x)	(x)	636	461
Bilingual education [3]	(x)	(x)	(x)	(x)	(x)	(x)	(x)	110	92
Federally affected areas impact aid	622	577	719	706	858	622	683	546	572
Vocational and adult education	285	652	692	691	769	854	723	802	752
Library and learning resources	105	210	160	209	255	261	247	101	135
Work incentives	81	304	348	353	372	383	368	222	299
Human development—social services	390	803	950	1,119	1,278	1,548	1,963	1,531	1,660
Employment and training assistance	*421*	*2,504*	*2,940*	*4,251*	*5,397*	*6,191*	*5,926*	*3,295*	*2,912*
Temporary employment assistance	(x)	319	2,340	4,769	3,285	1,796	852	38	(x)
Social services—grants to States	574	2,047	2,534	2,809	3,091	2,763	2,646	2,567	2,571
Health [2]	3,850	8,810	12,104	12,725	14,377	15,758	18,895	18,839	20,644
Alcohol, drug abuse, and mental health	80	590	471	605	594	679	664	656	492
Medicaid [4]	2,727	6,840	9,876	10,680	12,407	13,957	16,833	17,391	19,326
Income security [2]	5,819	9,395	12,663	13,782	14,740	18,495	21,341	21,930	24,918
Public assistance [4]	4,142	5,121	6,351	6,616	6,584	7,273	8,462	7,947	7,734
Food stamps—administration	559	136	271	298	324	412	489	752	769
Child nutrition and special milk programs [4]	379	1,565	2,775	2,526	2,862	3,388	3,359	2,875	3,040
Housing assistance [4]	436	1,326	1,814	2,412	2,773	3,434	4,034	4,894	5,944
Veterans benefits and services	18	32	79	76	86	90	74	63	73
Administration of justice	42	725	713	572	517	530	333	187	136
General government	49	100	133	164	202	160	208	252	226
General purpose fiscal assistance	430	6,971	9,438	9,523	8,233	8,478	6,710	6,347	6,257
General revenue sharing	(x)	6,130	6,758	6,823	6,848	6,829	5,137	4,569	4,567

– Represents zero. X Not applicable. Z Less than $500,000. [1] Includes $5 million for international affairs subsequently provided to a private institution. [2] Includes items not shown separately. [3] The 1983 Budget proposed dismantlement of the Dept. of Education (DED). Budget data for elementary and secondary education previously performed by DED are included in the Foundation for Education Assistance under compensatory education for the disadvantaged, special programs and populations, and bilingual education. [4] Includes grants for payments to individuals.

Source: U.S. Office of Management and Budget, *The Budget of the United States, Special Analyses,* and unpublished document, "Federal Grants-in-Aid to State and Local Governments," 1983 edition.

NO. 458. FEDERAL AID TO STATE AND LOCAL GOVERNMENTS—SELECTED PROGRAMS, TOTAL, 1970 TO 1982, AND BY STATES AND OTHER AREAS, 1982

[**In millions of dollars, except per capita.** Through **1975,** for years ending **June 30;** beginning **1978,** ending **Sept. 30.** Because of slight differences in accounting, data may not agree with that shown in table 457]

YEAR AND STATE OR OTHER AREA	Total Federal aid [1]	Federal aid per capita [2] (dol.)	HHS [3]		DEPARTMENT OF—		OE, [5] elementary and secondary education	EPA, [6] waste treatment facilities construction	HUD [7]		ETA, CETA [8] program
			Public assistance, total [4]	Medicaid	Treasury, general revenue sharing	Transportation, highway fund			Low-rent public housing	Community development block grants	
1970, total	24,194	110	7,445	(X)	(X)	4,300	1,469.5	(NA)	434.5	(X)	420.1
1975, total	49,723	228	14,008	6,840	6,130	4,573	2,276.2	1,937.6	1,326.4	38.1	2,504.2
1978, total	77,901	345	20,094	10,668	6,823	5,749	2,801.3	3,186.8	2,635.1	2,464.3	4,250.9
1979, total	82,853	367	22,094	12,411	6,848	6,762	3,114.0	3,756.1	2,773.0	3,161.2	5,398.0
1980, total	91,365	396	24,249	13,957	6,829	8,806	3,591.4	4,343.0	3,434.4	3,901.6	6,202.1
1981, total	94,806	407	28,143	16,833	5,134	8,681	3,330.8	3,881.2	5,032.2	4,042.4	5,934.2
1982, total [9]	**88,221**	(NA)	**28,313**	**17,367**	**4,569**	**7,626**	**3,082.1**	**3,756.2**	**4,890.7**	**3,781.6**	**3,376.9**
U.S.	**86,580**	**374**	**28,759**	**17,917**	**4,569**	**7,583**	**3,029.8**	**3,699.1**	**4,744.1**	**3,674.3**	**3,279.2**
Ala	1,429	362	364	247	74	184	74.8	50.5	81.0	60.8	64.8
Alaska	422	963	52	26	19	107	15.4	9.3	17.3	7.2	8.3
Ariz	799	279	79	13	64	115	56.0	26.4	52.4	40.2	32.4
Ark	844	368	250	189	47	85	41.8	30.2	35.0	34.8	35.9
Calif	9,016	365	3,931	2,108	516	492	196.3	373.6	396.8	314.8	343.0
Colo	967	317	221	129	52	125	35.5	34.0	40.8	30.6	31.5
Conn	1,120	355	372	221	55	91	36.4	47.0	83.9	51.7	40.4
Del	279	464	56	31	14	32	11.9	31.2	18.6	9.5	10.2
D.C.	1,295	2,053	176	111	19	26	48.7	5.2	33.3	20.7	19.4
Fla	2,859	274	639	369	162	281	92.2	151.4	149.6	126.4	124.4
Ga	2,185	388	608	391	112	208	198.0	88.4	112.0	70.8	69.9
Hawaii	408	410	130	69	22	48	14.7	23.5	26.7	10.8	11.8
Idaho	350	363	73	44	18	52	13.4	19.4	14.2	2.3	13.9
Ill	4,103	358	1,302	746	222	339	138.7	193.7	239.5	207.9	184.2
Ind	1,558	285	453	291	84	154	42.8	102.8	91.4	75.7	98.0
Iowa	893	307	251	158	55	111	39.6	52.0	34.8	38.5	34.9
Kans	706	293	200	123	38	106	29.0	47.1	32.0	29.5	19.7
Ky	1,424	388	425	277	74	132	49.9	70.1	76.3	57.3	64.1
La	1,591	365	567	406	96	151	69.1	36.4	78.0	65.1	60.6
Maine	527	465	198	142	28	42	14.0	25.7	34.0	14.8	18.2
Md	1,793	420	456	275	87	323	60.1	80.0	111.7	64.9	56.3
Mass	2,745	475	1,032	691	140	141	75.2	92.4	212.8	106.4	78.6
Mich	3,634	399	1,491	787	183	238	114.2	150.3	153.3	167.4	199.3
Minn	1,769	428	656	449	86	191	49.8	81.2	108.4	66.5	48.6
Miss	1,091	428	306	212	62	84	59.4	36.5	49.4	39.7	37.7
Mo	1,652	334	482	297	82	178	55.3	98.1	90.8	90.7	69.8
Mont	382	476	77	55	17	72	15.7	16.7	16.3	6.3	11.2
Nebr	524	330	139	86	31	71	35.0	24.2	24.0	22.3	13.6
Nev	346	393	58	37	13	43	9.9	12.2	17.4	69.4	9.4
N.H	317	333	86	55	15	44	12.7	28.8	22.5	13.6	7.7
N.J	2,718	365	896	459	149	150	79.6	177.1	227.7	119.0	118.2
N. Mex	727	535	129	75	31	99	33.9	23.5	24.5	19.2	18.8
N.Y	9,288	526	4,312	3,090	477	382	264.2	317.6	586.3	467.0	289.0
N.C	1,852	308	551	362	120	162	74.8	95.6	111.4	60.6	77.6
N. Dak	301	450	66	45	13	42	14.1	11.9	17.2	8.3	6.2
Ohio	3,612	335	1,354	847	180	223	89.9	167.7	237.0	192.0	169.5
Okla	991	312	356	250	55	55	36.5	29.5	59.7	34.2	29.4
Oreg	1,168	441	218	123	52	136	34.0	34.8	40.8	34.4	43.9
Pa	4,629	390	1,657	988	224	369	116.9	161.6	261.5	274.0	186.6
R.I	471	492	186	129	20	24	15.4	21.8	45.4	24.8	16.2
S.C	1,043	326	316	216	68	83	50.7	46.3	48.0	37.0	40.9
S. Dak	325	470	83	59	15	52	12.9	13.4	21.8	6.6	6.2
Tenn	1,607	346	432	315	85	160	58.8	80.5	100.2	54.6	67.7
Tex	3,725	244	971	682	233	421	190.3	172.6	201.4	196.7	140.9
Utah	605	389	132	77	34	100	12.1	17.5	11.2	19.5	15.2
Vt	271	525	97	62	13	38	9.2	9.2	10.8	5.2	6.8
Va	1,623	296	480	301	95	164	58.1	90.8	94.0	66.7	60.5
Wash	1,580	372	426	230	69	296	38.7	60.5	57.3	52.1	63.9
W. Va	772	396	148	80	43	181	24.0	51.5	34.3	21.5	32.7
Wis	1,894	398	794	481	97	125	103.8	59.5	93.1	59.9	68.1
Wyo	349	694	23	11	10	56	6.4	17.8	4.5	2.6	3.2
Puerto Rico	1,397	(NA)	144	49	-	21	44.3	50.8	86.2	94.0	87.8
Virgin Islands	116	(NA)	5	1	-	(Z)	3.2	.4	9.2	.8	2.6
Guam	72	(NA)	5	1	-	(Z)	3.1	.4	4.0	-	2.6
Trust Terr. of Pac	101	(NA)	(Z)	(Z)	-	-	(NA)	3.1	1.2	9.2	1.5
Other [9]	97	(NA)	1	-	-	-	1.7	2.4	46.2	3.3	3.2
Adjustments [10]	−143	(X)	−606	−606	-	21	-	-	-	-	-

- Represents zero. NA Not available. X Not applicable. Z Less than $500,000. [1] Includes amounts not shown separately. [2] Per capita for U.S. only; excludes funds paid to, and population residing in, Puerto Rico, Virgin Islands, and "Other areas." Based on Bureau of the Census estimated resident population, including Armed Forces stationed in area, as of July 1 for all years except 1980 enumerated as of April 1980. [3] Department of Health and Human Services. [4] Includes child support enforcement, maintenance assistance, social services, and State and local training not shown separately. [5] Office of Education (became the Department of Education in spring 1980). [6] Environmental Protection Agency. [7] Department of Housing and Urban Development. [8] Employment and Training Administration, Comprehensive Employment and Training Act. [9] American Samoa, Northern Mariana Islands, Tokelau Islands, and Saipan. [10] Includes a small amount of funds and repayments not distributed by State or other area.

Source: U.S. Dept. of the Treasury, *Federal Aid to States,* annual.

NO. 459. STATE AND LOCAL GOVERNMENTS—SUMMARY OF FINANCES: 1970 TO 1981

[**In millions of dollars, except percent.** Local government amounts included here are estimates subject to sampling variations; see Appendix III and source. See also *Historical Statistics, Colonial Times to 1970*, series Y 652-709]

SOURCE OF REVENUE AND TYPE OF EXPENDITURE	1970	1975	1977	1978	1979	1980	1981	
							Total	Percent
Revenue [1]	**150,106**	**264,013**	**337,870**	**371,607**	**404,934**	**451,537**	**506,728**	**100.0**
From Federal Government	**21,857**	**47,034**	**62,444**	**69,592**	**75,164**	**83,029**	**90,294**	**17.8**
Public welfare	7,574	14,357	18,885	20,176	22,487	24,921	29,176	5.8
Highways	4,608	5,320	6,461	6,401	7,147	8,980	9,508	1.9
Education	5,844	9,078	10,347	11,445	12,300	14,435	15,831	3.1
Employment security administration	664	1,525	1,833	1,887	1,935	2,056	2,367	.5
Revenue sharing	(x)	6,245	6,614	6,810	6,851	6,844	5,649	1.1
Other and unallocable	3,167	10,509	18,298	22,873	24,444	25,793	27,762	5.5
From State and local sources	**128,248**	**216,979**	**275,426**	**302,014**	**329,770**	**368,509**	**416,433**	**82.2**
General, net intergovernmental	109,898	181,137	222,712	246,368	268,115	299,293	333,109	65.7
Taxes	86,795	141,465	175,936	193,642	205,514	223,463	244,514	48.2
Property	34,054	51,491	62,527	66,422	64,944	68,499	74,969	14.8
Sales and gross receipts	30,322	49,815	60,641	67,596	74,247	79,927	85,971	17.0
Individual income	10,812	21,454	29,246	33,176	36,932	42,080	46,426	9.2
Corporation income	3,738	6,642	9,174	10,738	12,128	13,321	14,143	2.8
Other	7,868	12,063	14,348	15,709	17,264	19,636	23,004	4.5
Charges and miscellaneous	22,103	39,668	46,776	52,726	62,600	75,830	88,595	17.5
Utility and liquor stores	8,614	13,335	17,541	20,011	22,628	25,560	29,896	5.9
Water supply system	2,687	4,142	4,995	5,512	6,250	6,766	7,718	1.5
Electric power system	2,385	4,689	7,142	8,675	9,938	11,387	13,715	2.7
Transit system	1,135	1,411	1,991	2,056	2,245	2,397	2,965	.6
Gas supply system	401	625	862	1,009	1,297	1,809	2,220	.4
Liquor stores	2,006	2,468	2,550	2,759	2,898	3,201	3,278	.6
Insurance trust revenue [2]	10,736	22,507	35,172	35,635	39,027	43,656	53,429	10.5
Employee retirement	6,493	12,354	17,166	19,025	21,923	25,441	30,382	6.0
Unemployment compensation	3,101	8,155	15,296	13,158	12,941	13,529	18,571	3.7
Direct expenditure	**148,052**	**268,241**	**323,168**	**345,313**	**380,374**	**432,328**	**485,174**	**100.0**
By function:								
Direct general expenditure [2]	131,332	229,747	272,829	295,510	326,024	367,340	405,576	83.6
Education [2]	52,718	87,858	102,780	110,758	119,448	133,211	145,784	30.0
Higher education	12,924	21,702	25,972	28,391	30,059	33,919	38,114	7.9
Local schools	37,461	61,485	71,546	76,703	83,385	92,930	100,535	20.7
Highways	16,427	22,528	23,058	24,609	28,440	33,311	34,603	7.1
Public welfare	14,679	27,181	34,529	37,679	40,418	45,552	52,248	10.8
Health	1,806	4,414	5,497	6,303	7,179	8,387	9,771	2.0
Hospitals	7,863	14,432	17,542	18,648	21,039	23,787	26,330	5.4
Police protection	4,494	8,526	10,445	11,306	12,207	13,494	14,947	3.1
Fire protection	2,024	3,522	4,412	4,802	5,147	5,718	6,336	1.3
Natural resources	2,732	4,223	4,049	4,225	4,706	5,509	6,175	1.3
Sanitation and sewerage	3,413	7,438	9,426	9,869	11,787	13,214	14,898	3.1
Housing and urban renewal	2,138	3,460	3,387	3,699	4,724	6,062	7,086	1.5
Parks and recreation	1,888	3,462	4,916	5,270	5,896	6,520	7,064	1.5
Financial administration	2,030	3,594	4,489	5,292	6,071	6,719	7,230	1.5
General control	2,652	5,046	6,258	7,001	7,742	8,697	9,541	2.0
Interest on general debt [3]	4,374	8,782	11,234	11,983	12,987	14,747	17,131	3.5
Utility and liquor stores [3]	9,447	17,285	24,191	26,277	30,846	36,191	43,016	8.9
Water supply system	3,211	5,440	6,381	6,886	8,069	9,228	10,582	2.2
Electric power system	2,486	5,280	9,313	10,587	12,665	15,016	17,871	3.7
Transit system	1,753	3,977	5,598	5,573	6,465	7,641	9,607	2.0
Gas supply system	370	580	803	915	1,231	1,715	2,230	.5
Liquor stores	1,627	2,009	2,096	2,317	2,416	2,591	2,726	.6
Insurance trust expenditure [2]	7,273	21,209	26,149	23,526	23,504	28,797	36,583	7.5
Employee retirement	3,629	7,443	9,567	10,774	12,273	14,008	15,695	3.2
Unemployment compensation	2,723	12,311	14,697	10,740	8,886	12,070	17,932	3.7
By character and object:								
Current operation	97,915	180,976	225,650	249,222	274,167	307,811	343,623	70.8
Capital outlay	29,650	44,824	45,154	44,769	53,196	62,894	67,596	13.9
Construction	24,252	36,356	36,334	36,199	43,326	51,492	54,950	11.3
Equipment, land and existing structures	5,399	8,468	8,820	8,569	9,870	11,402	12,646	2.6
Assistance and subsidies	8,090	11,146	13,077	13,753	14,044	15,222	16,861	3.5
Interest on debt (general and utility)	5,123	10,087	13,137	14,044	15,463	17,604	20,511	4.2
Insurance benefits and repayments	7,273	21,209	26,149	23,525	23,504	28,797	36,583	7.5
Expenditure for salaries and wages	*62,998*	*106,168*	*126,330*	*137,703*	*149,104*	*163,896*	*180,261*	*37.2*
Debt outstanding, end of year	**143,570**	**219,926**	**259,658**	**280,433**	**304,103**	**335,603**	**363,892**	**100.0**
Long-term	131,415	200,140	246,816	269,003	292,302	322,456	348,329	95.7
Short-term	12,155	19,786	12,842	11,430	11,801	13,147	15,562	4.3
Long term debt: issued	12,848	21,117	34,358	39,980	42,085	42,364	43,819	(x)
Retired	7,011	10,904	13,559	16,715	27,056	17,404	18,929	(x)

X Not applicable. [1] Excludes duplicative transactions between State and local governments. [2] Includes amounts not shown separately. [3] Interest on utility debt included in "utility expenditure." For total interest on debt, see "Interest on debt (general and utility)," below.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment;* and *Governmental Finances*, series GF No. 5, annual.

No. 460. State and Local Government Receipts and Expenditures in the National Income and Product Accounts: 1970 to 1982

[**In billions of dollars.** Includes trust accounts transactions. For explanation of national income, see text, p. 444]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Receipts	**135.4**	**211.4**	**237.7**	**267.8**	**297.7**	**327.6**	**352.0**	**386.1**	**418.1**	**439.1**
General, own source	101.7	152.9	166.3	187.1	208.1	225.7	244.0	267.7	297.5	320.1
Personal tax and nontax receipts [1]	23.2	39.0	43.1	49.6	56.3	63.8	70.4	78.8	88.7	97.4
Income taxes	11.1	20.6	22.8	26.8	30.8	35.3	38.5	42.6	47.9	51.8
Nontaxes	7.9	13.0	14.6	16.7	18.9	21.4	24.5	28.2	32.3	36.4
Corporate profits tax accruals	3.5	6.5	7.1	9.3	11.1	11.9	13.4	14.5	15.3	12.7
Indirect business tax and nontax accruals [1]	75.0	107.4	116.2	128.3	140.7	150.0	160.2	174.4	193.5	210.0
Sales taxes	31.6	48.2	51.7	57.8	64.0	71.0	77.3	82.9	90.4	95.5
Property taxes	36.7	49.0	53.4	58.2	63.2	63.7	64.4	68.4	75.1	85.1
Contributions for social insurance	9.2	14.6	16.8	19.5	22.1	24.7	27.4	29.7	32.6	35.1
Federal grants-in-aid	24.4	43.9	54.6	61.1	67.5	77.3	80.5	88.7	87.9	83.9
Expenditures [2]	**133.5**	**204.6**	**232.2**	**251.2**	**269.7**	**297.3**	**321.5**	**355.5**	**382.7**	**407.8**
Purchases of goods and services	124.4	193.1	217.2	232.9	250.4	278.3	306.0	340.8	366.5	390.5
Compensation of employees	71.1	107.3	120.6	132.3	144.0	157.6	171.8	190.0	206.5	223.0
Transfer payments to persons	14.7	20.9	24.6	27.6	29.7	32.8	35.0	39.7	43.3	45.6
Net interest and subsidies [3]	−5.6	−9.4	−9.6	−9.3	−10.4	−13.6	−19.6	−25.0	−27.1	−28.3
Surplus	**1.9**	**6.8**	**5.5**	**16.6**	**28.0**	**30.3**	**30.4**	**30.6**	**35.3**	**31.3**

[1] Includes other items not shown separately. [2] Includes wage accruals less disbursements of $175 million in 1978, −$135 million in 1979, and −$40 million in 1980, not shown separately. Excludes dividends received by government not shown separately. [3] Less current surplus of government enterprises and dividends received by Governments.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *1976-1979;* and *Survey of Current Business*, July 1983.

No. 461. State and Local Governments—General Revenue and Direct General Expenditure: 1970 to 1981

[General revenue and expenditure exclude utilities, liquor stores, and insurance trusts. Local government amounts included here are estimates subject to sampling variation; see source and Appendix III. *See Historical Statistics, Colonial Times to 1970*, series Y 652-709, for totals]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981
General revenue (bil. dol.) [1]	**130.8**	**207.7**	**228.2**	**256.2**	**285.2**	**316.0**	**343.3**	**382.3**	**423.4**
Percent of total:									
From Federal Government	16.7	20.1	20.6	21.7	21.9	22.0	21.9	21.7	21.3
Taxes	66.4	62.9	62.0	61.2	61.7	61.3	59.9	58.4	57.7
Property	26.0	23.0	22.6	22.3	21.9	21.0	18.9	17.9	17.7
Sales and gross receipts	23.2	22.2	21.8	21.3	21.3	21.5	21.6	20.9	20.3
Individual income	8.3	9.4	9.4	9.6	10.3	10.5	10.8	11.0	11.0
Other	8.9	8.4	8.2	8.1	8.2	8.4	8.6	8.6	8.8
Charges and miscellaneous	16.9	16.9	17.4	17.1	16.4	16.7	18.2	19.8	20.9
Per capita, total (dol.) [2]	**643**	**983**	**1,071**	**1,193**	**1,318**	**1,449**	**1,560**	**1,688**	**1,869**
From Federal Government	108	198	221	259	289	319	342	367	399
Taxes	427	618	664	731	813	888	934	987	1,079
Property tax	168	226	242	266	289	305	295	302	331
Charges and miscellaneous	109	166	186	204	216	242	284	335	391
Direct general expenditure (bil. dol.)	**131.3**	**196.6**	**229.7**	**255.6**	**272.8**	**295.5**	**326.0**	**367.3**	**405.6**
Percent of total:									
Education	40.1	38.2	38.2	38.0	37.7	37.5	36.6	36.3	35.9
Highways	12.5	10.0	9.8	9.4	8.5	8.3	8.7	9.1	8.5
Public welfare	11.2	12.5	11.8	12.3	12.7	12.8	12.4	12.4	12.9
Health and hospitals	7.4	8.0	8.2	8.1	8.4	8.5	8.7	8.8	8.9
Police protection and correction	4.7	5.1	5.2	5.2	5.4	5.5	5.6	5.4	5.5
Natural resources	2.1	1.8	1.8	1.8	1.8	1.4	1.4	1.5	1.5
Sanitation and sewerage	2.6	3.0	3.2	3.2	3.3	3.3	3.6	3.6	3.7
Housing and urban renewal	1.6	1.7	1.5	1.2	1.2	1.3	1.4	1.7	1.7
Interest on general debt	3.3	3.9	3.8	4.0	4.1	4.1	4.0	4.0	4.2
Per capita, total (dol.) [2]	**646**	**940**	**1,087**	**1,191**	**1,261**	**1,355**	**1,481**	**1,622**	**1,790**
Education	259	359	416	453	475	508	543	588	644
Highways	81	94	107	111	107	113	129	147	153
Public welfare	72	117	129	146	160	173	184	201	231
Health and hospitals	48	75	89	96	104	114	128	142	159
Police protection and correction	30	48	56	62	68	75	81	88	99
Natural resources	13	17	20	22	23	19	21	24	27
Sanitation and sewerage	17	28	35	38	41	45	54	58	66
Housing and urban renewal	11	16	16	15	16	17	21	27	31
Interest on general debt	22	36	42	48	52	55	59	65	76
All other [3]	94	148	177	199	215	236	262	281	306

[1] Excludes duplicative transactions between State and local governments. [2] See footnote 3, table 448. [3] Libraries, social insurance administration, veterans service, airports, water transport, parking facilities, fire protection, protective inspection and regulation, parks and recreation, general control, financial administration, general public buildings, and other and unallocable.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment;* and *Governmental Finances*, series GF No. 5, annual.

No. 462. State and Local Governments—General Revenue, Origin, and Allocation, 1960 to 1981, and by State: 1981

[Local government amounts are estimates subject to sampling variation: see source and Appendix III]

State	Total general revenue (mil. dol.)	Originating level of government [1]						Final recipient level [2]			
		Revenue (mil. dol.)			Percent			Revenue (mil.dol.)		Percent	
		Federal	State	Local	Federal	State	Local	State	Local	State	Local
1960	50,505	6,974	20,619	22,912	13.8	40.8	45.4	18,081	32,424	35.8	64.2
1965	74,001	11,029	30,610	32,362	14.9	41.4	43.7	26,920	47,081	36.4	63.6
1970	130,756	21,858	57,507	51,392	16.7	43.9	39.3	50,835	79,921	38.8	61.1
1975	228,195	47,054	96,784	84,357	20.6	42.4	37.0	83,543	144,651	36.6	63.4
1978	*315,960*	*69,592*	*135,638*	*110,730*	*22.0*	*42.9*	*35.0*	124,439	191,521	39.4	60.6
1979	343,278	75,164	150,906	117,209	21.9	44.0	34.1	133,832	209,447	39.0	61.0
1980	382,322	83,029	169,266	130,027	21.7	44.3	34.0	152,303	230,019	39.8	60.2
U.S., 1981	**423,404**	**90,294**	**187,374**	**145,736**	**21.3**	**44.3**	**34.4**	**169,143**	**254,261**	**39.9**	**60.1**
Ala	6,311	1,497	3,190	1,624	23.7	50.6	25.7	3,473	2,838	55.0	45.0
Alaska	5,521	465	4,472	584	8.4	81.0	10.6	4,430	1,091	80.2	19.8
Ariz	4,657	856	2,196	1,605	18.4	47.2	34.5	1,573	3,084	33.8	66.2
Ark	3,151	913	1,440	798	29.0	45.7	25.3	1,595	1,556	50.6	49.4
Calif	51,561	11,111	24,002	16,449	21.5	46.6	31.9	15,703	35,857	30.5	69.5
Colo	5,361	1,052	2,049	2,261	19.6	38.2	42.2	1,881	3,480	35.1	64.9
Conn	5,588	998	2,619	1,972	17.9	46.9	35.3	2,833	2,755	50.7	49.3
Del	1,303	312	761	230	24.0	58.4	17.6	797	506	61.1	38.9
D.C	2,447	1,137	(x)	1,311	46.4	(x)	53.6	(x)	2,447	(x)	100.0
Fla	14,858	2,957	6,092	5,809	19.9	41.0	39.1	4,766	10,093	32.1	68.0
Ga	9,009	2,158	3,504	3,347	24.0	38.9	37.1	3,709	5,300	41.2	58.8
Hawaii	2,254	479	1,441	334	21.2	63.9	14.8	1,795	459	79.7	20.3
Idaho	1,460	369	683	409	25.2	46.8	28.0	693	767	47.4	52.6
Ill	21,395	4,672	8,608	8,115	21.8	40.2	37.9	8,436	12,959	39.4	60.6
Ind	7,954	1,627	3,639	2,688	20.5	45.7	33.8	2,960	4,994	37.2	62.8
Iowa	5,160	995	2,292	1,873	19.3	44.4	36.3	1,996	3,164	38.7	61.3
Kans	4,138	787	1,731	1,620	19.0	41.8	39.2	1,757	2,381	42.5	57.5
Ky	5,335	1,458	2,826	1,050	27.3	53.0	19.7	2,924	2,411	54.8	45.2
La	7,990	1,762	3,983	2,245	22.1	49.8	28.1	3,886	4,104	48.6	51.4
Maine	1,846	517	842	487	28.0	45.6	26.4	1,052	794	57.0	43.0
Md	8,618	1,890	3,891	2,837	21.9	45.1	32.9	3,677	4,941	42.7	57.3
Mass	11,952	2,669	5,151	4,132	22.3	43.1	34.6	5,374	6,578	45.0	55.0
Mich	18,859	4,094	7,908	6,857	21.7	41.9	36.4	7,935	10,924	42.1	57.9
Minn	8,715	1,834	4,171	2,709	21.0	47.9	31.1	3,281	5,434	37.6	62.4
Miss	3,714	1,050	1,728	936	28.3	46.5	25.2	1,691	2,023	45.5	54.5
Mo	6,904	1,681	2,606	2,617	24.3	37.7	37.9	2,637	4,267	38.2	61.8
Mont	1,669	443	672	554	26.5	40.3	33.2	858	811	51.4	48.6
Nebr	2,776	513	1,068	1,195	18.5	38.5	43.0	1,113	1,663	40.1	59.9
Nev	1,619	300	627	692	18.5	38.8	42.7	585	1,034	36.1	63.9
N.H	1,306	320	442	544	24.5	33.8	41.7	588	718	45.0	55.0
N.J	13,791	2,323	6,247	5,221	16.8	45.3	37.9	4,918	8,873	35.7	64.3
N. Mex	3,068	601	1,997	470	19.6	65.1	15.3	1,853	1,215	60.4	39.6
N.Y	43,944	8,498	16,027	19,419	19.3	36.5	44.2	12,338	31,606	28.1	71.9
N.C	8,373	2,046	4,098	2,230	24.4	48.9	26.6	3,832	4,541	45.8	54.2
N. Dak	1,457	289	819	349	19.9	56.2	23.9	848	609	58.2	41.8
Ohio	16,461	3,486	6,729	6,247	21.2	40.9	37.9	5,700	10,761	34.6	65.4
Okla	5,339	1,040	2,897	1,403	19.5	54.2	26.3	2,809	2,531	52.6	47.4
Oreg	5,652	1,252	2,395	2,005	22.1	42.4	35.5	2,446	3,206	43.3	56.7
Pa	19,717	4,133	8,861	6,723	21.0	44.9	34.1	8,204	11,513	41.6	58.4
R.I	1,856	464	911	481	25.0	49.1	25.9	1,101	755	59.3	40.7
S.C	4,525	1,100	2,289	1,137	24.3	50.6	25.1	2,439	2,087	53.9	46.1
S. Dak	1,180	328	462	390	27.8	39.1	33.1	597	583	50.6	49.4
Tenn	6,554	1,688	2,433	2,433	25.8	37.1	37.1	2,775	3,779	42.3	57.7
Texas	23,617	4,154	10,621	8,842	17.6	45.0	37.4	10,006	13,611	42.4	57.6
Utah	2,490	612	1,139	738	24.6	45.8	29.7	1,197	1,292	48.1	51.9
Vt	967	293	425	249	30.3	44.0	25.7	612	354	63.3	36.7
Va	8,721	1,954	4,030	2,737	22.4	46.2	31.4	4,104	4,618	47.1	52.9
Wash	8,114	1,904	3,710	2,501	23.5	45.7	30.8	3,404	4,711	41.9	58.1
W. Va	3,169	898	1,555	716	28.3	49.1	22.6	1,722	1,447	54.3	45.7
Wis	9,267	1,986	4,380	2,901	21.4	47.3	31.3	3,488	5,779	37.6	62.4
Wyo	1,713	336	715	662	19.6	41.8	38.6	756	957	44.1	55.9

X Not applicable. [1] Before intergovernmental transfers. [2] After intergovernmental transfers.

Source: U.S. Bureau of the Census, *Governmental Finances* series GF No. 5, annual.

NO. 463. STATE AND LOCAL GOVERNMENTS—GENERAL REVENUE, BY SOURCE, BY STATE: 1981

[Local governments included here are estimates subject to sampling variation; see source and Appendix III]

STATE	GENERAL REVENUE (mil. dol.)						GENERAL REVENUE PER CAPITA [1] (dol.)					General revenue per $1,000 of personal income [2] (dol.)
	Total	From Federal Government	From own sources				Total	From Federal Government	From own sources			
			Total	Taxes		Charges and miscellaneous			Total	Taxes		
				Total	Property	Other					Property	Charges and miscellaneous
U.S.	**423,404**	**90,294**	**244,514**	**74,969**	**169,545**	**88,595**	**1,869**	**399**	**1,079**	**331**	**391**	**196**
Ala	6,311	1,497	2,876	338	2,538	1,938	1,621	384	739	87	498	216
Alaska	5,521	465	2,569	343	2,226	2,487	13,748	1,158	6,397	854	6,193	1,075
Ariz	4,657	856	2,751	857	1,894	1,050	1,713	315	1,012	315	386	194
Ark	3,151	913	1,551	327	1,224	687	1,378	399	678	143	300	189
Calif	51,561	11,111	29,828	7,226	22,602	10,622	2,179	469	1,260	305	449	199
Colo	5,361	1,052	2,960	1,045	1,915	1,350	1,855	364	1,024	362	467	185
Conn	5,588	998	3,723	1,632	2,091	867	1,798	321	1,198	525	279	153
Del	1,303	312	669	102	567	322	2,192	525	1,126	172	541	211
D.C	2,447	1,137	1,131	281	850	180	3,833	1,780	1,771	440	282	318
Fla	14,858	2,957	8,285	2,534	5,751	3,616	1,524	303	850	260	371	168
Ga	9,009	2,158	4,666	1,207	3,459	2,185	1,649	395	854	221	400	204
Hawaii	2,254	479	1,344	197	1,147	431	2,336	496	1,393	204	447	231
Idaho	1,460	369	763	219	544	328	1,547	390	808	231	348	191
Ill	21,395	4,672	13,306	4,581	8,725	3,417	1,872	409	1,164	401	299	178
Ind	7,954	1,627	4,540	1,693	2,847	1,787	1,449	296	827	308	325	162
Iowa	5,160	995	3,028	1,170	1,858	1,137	1,771	341	1,039	402	390	189
Kans	4,138	787	2,372	916	1,456	979	1,750	333	1,003	387	414	175
Ky	5,335	1,458	2,884	520	2,364	993	1,457	398	788	142	271	191
La	7,990	1,762	4,115	515	3,600	2,113	1,900	419	978	123	502	224
Maine	1,846	517	1,063	401	662	266	1,641	459	945	356	237	206
Md	8,618	1,890	4,968	1,306	3,662	1,760	2,044	448	1,178	310	417	195
Mass	11,952	2,669	7,732	3,371	4,361	1,552	2,083	465	1,348	588	270	205
Mich	18,659	4,094	10,682	4,343	6,339	4,083	2,036	442	1,153	469	441	204
Minn	8,715	1,834	4,767	1,333	3,434	2,114	2,138	450	1,170	327	519	219
Miss	3,714	1,050	1,793	377	1,416	872	1,473	416	711	150	346	223
Mo	6,904	1,681	3,883	1,093	2,790	1,340	1,404	342	790	222	272	156
Mont	1,669	443	866	414	452	360	2,122	563	1,101	526	458	248
Nebr	2,776	513	1,529	652	877	734	1,768	327	974	415	468	188
Nev	1,619	300	882	257	625	437	2,022	375	1,102	321	545	188
N.H	1,306	320	732	463	269	255	1,419	348	795	503	277	155
N.J	13,791	2,323	9,051	4,000	5,051	2,418	1,873	315	1,229	543	328	171
N. Mex	3,068	601	1,433	193	1,240	1,034	2,355	461	1,100	143	794	300
N.Y	43,944	8,498	28,618	9,267	19,351	6,828	2,503	484	1,630	528	389	343
N.C	8,373	2,046	4,738	1,118	3,620	1,589	1,424	348	805	190	270	182
N. Dak	1,457	289	643	189	454	524	2,232	443	986	289	803	255
Ohio	16,461	3,486	9,425	3,172	6,253	3,551	1,525	323	873	294	329	161
Okla	5,339	1,040	3,055	493	2,562	1,245	1,765	344	1,010	163	412	193
Oreg	5,652	1,252	2,913	1,183	1,730	1,487	2,146	475	1,106	449	565	230
Pa	19,717	4,133	12,257	3,146	9,111	3,327	1,662	348	1,033	265	280	176
R.I	1,856	464	1,035	429	606	357	1,959	490	1,092	453	377	207
S.C	4,525	1,100	2,423	555	1,868	1,002	1,450	352	776	178	321	199
S. Dak	1,180	328	587	254	333	265	1,708	475	850	368	383	218
Tenn	6,554	1,688	3,395	969	2,426	1,471	1,428	368	739	211	320	184
Texas	23,617	4,154	13,671	4,609	9,062	5,793	1,660	292	961	324	407	173
Utah	2,490	612	1,332	373	959	546	1,704	419	912	255	373	222
Vt	967	293	505	210	295	169	1,890	573	987	410	330	241
Va	8,721	1,954	5,057	1,419	3,638	1,710	1,631	366	946	265	320	173
Wash	8,114	1,904	4,287	1,243	3,044	1,923	1,964	461	1,037	301	465	190
W. Va	3,169	898	1,632	290	1,342	639	1,825	460	837	148	328	208
Wis	9,267	1,986	5,399	1,835	3,564	1,882	1,969	422	1,147	390	400	210
Wyo	1,713	336	800	313	487	577	3,648	716	1,704	667	1,228	352

[1] Based on enumerated resident population as of April 1, 1980. [2] Based on personal income, calendar year 1980.

Source: U.S. Bureau of the Census, *Governmental Finances in 1980-81*, series GF 81, No. 5.

No. 464. State Government Individual Income Taxes: 1983

[**As of September 1.** Only basic rates, brackets and exemptions are shown. Taxable income rates and brackets apply to single individuals; other schedules may be used for married taxpayers filing jointly or separately and/or heads of housholds in California, Georgia, Hawaii, Idaho, Kansas, Maine, New Mexico, Oklahoma, Oregon, Utah, and West Virginia. Alaska, Florida, Nevada, South Dakota, Texas, Washington, and Wyoming have no State income tax]

State	Taxable income rates (range in percent)	Taxable income brackets: Lowest amount under	Taxable income brackets: Highest amount over	Personal exemptions: Single	Personal exemptions: Married-joint return	Personal exemptions: Dependents	Size of standard deduction: Percent	Size of standard deduction: Single	Size of standard deduction: Married-joint return	Federal income tax deductible [2]
Ala.[3]	2.0-5.0	$500	$3,000	$1,500	$3,000	$300	20	$2,000	$4,000	Yes
Ariz.[4]	2.0-8.0	1,017	6,102	1,759	3,518	1,056	17	880	1,759	Yes
Ark	1.0-7.0	2,999	25,000	[5] 17.50	[5] 35	[5] 6	10	1,000	1,000	No
Calif.[3]	1.0-11.0	4,600	25,430	[5] 38	[5] 76	[5] 12	(x)	1,510	3,020	No
Colo.[4]	2.5-8.0	1,415	14,153	1,203	2,406	1,203	(x)	1,415	1,415	Yes
Conn.	Very limited State income tax [6]									
Del.[3]	1.4-13.5	1,000	50,000	600	1,200	600	10	1,000	1,000	Yes [7]
D.C.	2.0-11.0	1,000	25,000	750	1,500	750	10	1,000	1,000	No
Ga.	1.0-6.0	750	7,000	1,500	3,000	1,500	[8] 15	[8] 2,300	[8] 3,000	No
Hawaii	2.25-11.0	800	30,000	1,000	2,000	1,000	(x)	800	1,000	No
Idaho	2.0-7.5	1,000	5,000	Same as Federal						No
Ill.	3.0	Flat Rate		1,000	2,000	1,000	(x)	(x)	(x)	No
Ind.[3]	3.0	Flat Rate		1,000	2,000	500	(x)	(x)	(x)	No
Iowa [3 4]	.5-13.0	[9] 1,023	[9] 76,725	[5] 19	[5] 38	[5] 14	[8] 15	[8] 1,200	[8] 3,000	Yes
Kans.	2.0-9.0	2,000	25,000	1,000	2,000	1,000	[8] 16	[8] 2,400	[8] 2,800	Yes
Ky.[3]	2.0-6.0	3,000	8,000	[5] 20	[5] 40	[5] 20	(x)	650	650	Yes
La.	2.0-6.0	10,000	50,000	6,000	12,000	6,000	Same as Federal			Yes
Maine [4]	1.0-10.0	2,044	25,000	1,000	2,000	1,000	16	2,453	2,862	No
Md.[3]	2.0-5.0	1,000	3,000	800	1,600	800	13	1,500	3,000	No
Mass.	[10] 5.375	Flat Rate		2,200	([11])	700	(x)	(x)	(x)	No
Mich.[3]	[12] 6.35	Flat Rate		1,500	3,000	1,500	(x)	(x)	(x)	No
Minn.[4]	[13 14] 1.6-16.0	667	36,632	[5] 67	[5] 134	[5] 67	10	2,250	2,250	Yes
Miss.	3.0-5.0	5,000	10,000	6,000	9,500	1,500	15	2,300	3,400	No
Mo.[3]	1.5-6.0	1,000	9,000	1,200	1,200	400	(x)	2,300	3,400	Yes
Mont.[4]	[13] 2.0-11.0	1,200	42,000	960	1,920	960	20	1,800	3,600	Yes
Nebr.	20% of Federal income tax liability for tax year 1983									No
N.H.	Very limited State income tax [15]									
N.J.	[16] 2.0-3.5	20,000	50,000	1,000	2,000	1,000	(x)	(x)	(x)	No
N. Mex.	.7-7.8	1,000	100,000	Same as Federal						No
N.Y.[3]	[17] 2.0-14.0	1,000	23,000	800	1,600	800	17	2,500	2,500	No
N.C.	3.0-7.0	2,000	10,000	1,100	[18] 2,200	800	10	550	([19])	No
N. Dak.	[20] 2.0-9.0	[20] 3,000	[20] 50,000	1,000	2,000	1,000	(x)	2,300	3,400	Yes
Ohio [3]	[21] 5.5-5.0	5,000	100,000	1,000	2,000	1,000	(x)	(x)	(x)	No
Okla.	[22] 5.6-5.0	[22] 1,000	[22] 7,500	1,000	2,000	1,000	[8] 15	[8] 2,000	[8] 2,000	Yes [22]
Oreg.[4]	[23] 4.0-10.0	500	5,000	[5] 85	[5] 170	[5] 85	13	1,500	1,500	Yes [24]
Pa.[3]	[25] 2.45	Flat Rate		(x)	(x)	(x)	(x)	(x)	(x)	No
R.I.	26.75% of Federal income tax liability for tax year 1983									No
S.C.[4]	2.0-7.0	2,000	10,000	800	1,600	800	10	1,000	2,000	Yes [26]
Tenn.	Very limited State income tax [27]									
Utah	2.75-7.75	750	3,750	750	1,500	750	[8] 15	[8] 2,000	[8] 2,000	Yes
Vt.	26% of Federal income tax liability for tax year 1983 (with special allowances)									No
Va.	2.0-5.75	3,000	12,000	600	1,200	600	15	2,000	2,000	No
W. Va.	[28] 2.1-13.0	2,000	60,000	700	1,400	700	10	1,000	1,000	No
Wis.[4]	[13] 3.4-10.0	3,900	51,600	[5] 20	[5] 40	[5] 20	(x)	2,300	3,400	No

X Not applicable. [1] The lesser of either a) the percentage indicated, multiplied by adjusted gross income or b) the dollar value listed. [2] A State provision that allows the taxpayer to deduct *fully* the Federal income tax payment reduces the effective marginal tax rate for persons in the highest State and Federal tax brackets by approximately one-half the nominal tax rate—the deduction is of a lesser benefit to other taxpayers. [3] States in which one or more local governments levy a local income tax. [4] Indexed by an inflation factor. Colo., Iowa, Oreg. S.C., and Wis. have suspended indexing through *at least* 1983. [5] Tax credit. [6] There is an income tax on interest and dividend income *only*. The rate of this tax ranges from 6% of interest and dividend income for taxpayers with an AGI of $50,000-$59,999 to 13% of such income of taxpayers with an AGI over $100,000. Capital gains are taxed at 7%. [7] Federal income tax deduction limited to $300 ($600 married). [8] A minimum standard deduction exists. In instances where the percentage standard deduction is less than the minimum, the minimum deduction amount should be taken. [9] Tax cannot reduce after-tax income of taxpayer to below $5,000. [10] Rate *includes* a 7.5% surcharge which has been in effect since 1976. 10% (flat rate) imposed on net gains, interest and dividends. Tax cannot reduce after-tax income to below $3,000 ($5,000 married couple). [11] Exemption is the smaller of $4,400 or $3,000 plus the income of the spouse having the smaller earned income. [12] In January 1984 the rate will drop to 6.1%; in January 1985, 5.35%. [13] A 10% surcharge on the liability is additional. [14] Indexing figures are for the 1982 tax year. [15] There is a 5% tax on dividend and interest income (excluding income from savings bank deposits) in excess of $1,200 ($2,400, married). [16] No taxpayer is subject to tax if gross income is $3,000 or less ($1,500 married, filing separately). [17] No tax due from individuals with an adjusted gross income of $2,500 or less, or married head of household, or surviving spouse of $5,000 or less. [18] An additional exemption of $1,100 is allowed the spouse with the smallest income. Joint returns not allowed. [19] An additional $550 is allowed a married woman with separate income. Joint returns are not allowed. [20] Taxpayers have the option of paying a tax of 10.5% of the taxpayers adjusted Federal income tax liability. [21] For tax year 1983, there is an additional 83.3% surcharge on liability. In January 1984, there is a permanent 90% rate increase. [22] These tax rates and brackets apply to single persons not deducting Federal income tax. For individuals deducting Federal income tax, rates range from .5% of the first $1,000 to 7% on income over $49,000. [23] An 8% surcharge on tax liability is additional. [24] Federal tax deduction limited to $7,000 ($3,500 married, filing separately). [25] The tax rate is 2.35% beginning July 1984. [26] Federal tax deduction limited to $500. [27] Interest and dividends taxed at 6%; dividends from Tenn. corporation taxed at 4%. [28] A 12% surcharge on the tax liability for taxpayers with taxable income over $10,000 in effect April 1983 – June 1984.

Source: Advisory Commission on Intergovernmental Relations, Washington, D.C., *Significant Features of Fiscal Federalism, 1982-83,* forthcoming.

No. 465. State and Local Governments—Direct General Expenditure, by State: 1981

[Local government amounts included here are estimates subject to sampling variability; see source and Appendix III]

STATE	EXPENDITURE (mil. dol.)						EXPENDITURE PER CAPITA [1] (dollars)					
	Total	Education	Highways	Public welfare	Health, hospitals	All other	Total	Education	Highways	Public welfare	Health, hospitals	All other
U.S	405,576	145,784	34,603	52,248	36,100	136,841	1,790	644	153	231	159	603
Ala	5,639	2,152	621	532	792	1,543	1,448	553	159	136	203	397
Alaska	2,896	762	262	154	87	1,628	7,211	1,896	652	382	217	4,064
Ariz	4,752	1,987	469	239	342	1,715	1,748	731	172	88	126	631
Ark	2,980	1,193	415	363	294	716	1,303	522	181	159	128	313
Calif	49,700	16,946	2,428	8,231	4,198	17,897	2,100	716	103	348	177	756
Colo	5,166	2,160	477	478	434	1,617	1,788	747	165	165	150	561
Conn	5,330	1,843	376	737	343	2,031	1,715	593	121	237	110	654
Del	1,224	448	116	105	59	496	2,060	753	195	176	99	837
D.C	1,903	360	77	350	169	947	2,982	564	121	548	265	1,484
Fla	14,314	5,140	1,229	961	1,651	5,333	1,469	527	126	99	169	548
Ga	8,401	2,900	758	895	1,384	2,464	1,538	531	139	164	253	451
Hawaii	2,104	603	145	276	132	948	2,181	625	150	286	136	984
Idaho	1,417	554	171	119	122	451	1,501	587	181	126	129	478
Ill	20,122	6,961	1,893	2,842	1,282	7,144	1,761	609	166	249	112	625
Ind	7,687	3,310	679	776	836	2,086	1,400	603	124	141	152	380
Iowa	5,107	2,085	699	596	475	1,252	1,753	716	240	204	163	430
Kans	4,197	1,581	588	435	345	1,248	1,775	669	249	184	146	527
Ky	5,473	1,922	816	735	367	1,632	1,495	525	223	201	100	446
La	7,605	2,625	901	789	839	2,451	1,808	624	214	187	199	584
Maine	1,725	587	193	309	77	559	1,533	522	172	275	69	495
Md	8,088	2,903	651	900	590	3,044	1,918	688	154	213	140	723
Mass	11,135	3,401	683	2,000	982	4,069	1,941	593	119	349	171	709
Mich	18,176	6,926	1,165	2,827	1,658	5,600	1,962	748	126	305	179	604
Minn	8,569	2,905	884	1,268	744	2,768	2,102	713	217	311	183	678
Miss	3,749	1,395	496	422	496	940	1,487	553	197	167	197	373
Mo	6,950	2,578	676	811	729	2,156	1,414	524	137	165	148	440
Mont	1,489	562	251	131	88	458	1,892	715	319	166	112	580
Nebr	2,614	1,065	357	221	242	729	1,665	679	227	141	154	464
Nev	1,661	468	201	104	164	723	2,075	585	251	129	205	905
N.H	1,392	504	174	188	68	458	1,512	547	189	204	74	498
N.J	13,887	4,966	787	1,727	945	5,462	1,886	674	107	234	128	743
N. Mex	2,467	1,036	274	196	209	752	1,894	795	210	151	160	578
N.Y	42,468	12,708	2,602	6,917	3,995	16,245	2,419	724	148	394	228	925
N.C	8,358	3,600	640	847	812	2,459	1,421	612	109	144	138	418
N. Dak	1,271	479	179	115	56	442	1,947	733	274	176	85	679
Ohio	16,972	6,387	1,205	2,331	1,721	5,328	1,572	592	112	216	159	493
Okla	4,789	1,929	520	624	412	1,304	1,583	637	172	206	136	432
Oreg	5,534	2,076	496	506	319	2,137	2,102	788	189	192	121	812
Pa	18,910	6,604	1,429	3,102	1,272	6,503	1,594	557	120	261	107	549
R.I	1,838	611	97	327	144	659	1,941	645	102	346	152	696
S.C	4,481	1,885	288	447	635	1,226	1,435	604	92	143	203	393
S. Dak	1,185	414	210	115	55	390	1,715	599	303	167	80	566
Tenn	6,416	2,197	673	684	839	2,023	1,398	479	146	149	183	441
Texas	21,334	8,743	2,506	1,741	2,067	6,277	1,499	614	176	122	145	442
Utah	2,490	1,104	279	234	166	707	1,704	756	191	160	114	483
Vt	893	351	92	113	48	289	1,747	686	180	221	94	566
Va	8,562	3,355	896	860	726	2,725	1,601	628	168	161	136	508
Wash	8,608	3,403	894	936	670	2,706	2,083	824	216	226	162	655
W. Va	3,170	1,138	535	267	252	979	1,625	583	274	137	129	502
Wis	9,077	3,498	938	1,322	653	2,666	1,929	743	199	281	139	567
Wyo	1,307	476	214	48	121	448	2,783	1,014	456	103	257	953

[1] Based on enumerated resident population as of April 1, 1980.

Source: U.S. Bureau of the Census, *Governmental Finances in 1980-81*, series GF81, No. 5.

No. 466. New Issues of State and Local Government Securities: 1970 to 1982

[In billions of dollars]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982
All issues, new capital and refunding [1]	18.2	30.6	35.3	46.8	48.6	43.5	48.5	47.7	79.0
General obligations	11.9	16.0	18.0	18.0	17.9	12.1	14.1	12.4	21.1
Revenue	6.1	14.5	17.1	28.7	30.7	31.3	34.3	35.3	57.9
Type of issuer:									
State	4.2	7.4	7.1	6.4	6.6	4.3	5.3	5.3	8.5
Special district and statutory authority	5.6	12.4	15.3	21.7	24.2	23.4	27.0	27.5	45.0
Municipalities, counties, townships [2]	8.4	10.7	12.8	18.6	17.7	15.6	16.1	14.9	25.5
Issues for new capital, total	18.1	29.5	32.1	36.2	37.6	41.5	46.7	46.5	74.6

[1] 1970 includes U.S. bonds and U.S. Government loans; thereafter, includes U.S. Government loans only. [2] Includes school districts.

Source: Board of Governors of the Federal Reserve System, *Annual Statistical Digest*, and *Federal Reserve Bulletin*, monthly.

NO. 467. STATE AND LOCAL GOVERNMENTS—INDEBTEDNESS AND DEBT TRANSACTIONS: 1970 TO 1981

[**In billions of dollars, except per capita.** As of end of fiscal year. Local government amounts are estimates subject to sampling variation; see source and Appendix III. See *Historical Statistics, Colonial Times to 1970*, series Y 680, Y 747, and Y 794, for debt outstanding]

ITEM	DEBT OUTSTANDING						LONG-TERM		
	Total	Per capita [1] (dol.)	Long-term			Short-term	Net long-term	Debt issued	Debt retired
			Local schools	Utilities [2]	All other				
1970: Total	143.6	704	31.5	19.6	80.3	12.2	121.7	12.8	7.0
State	42.0	206	3.0	(NA)	35.9	3.1	34.5	3.9	1.9
Local	101.6	498	28.6	19.6	44.4	9.1	87.3	8.9	5.1
1975: Total	219.9	1,032	40.5	30.0	129.6	19.8	183.4	21.1	10.9
State	72.1	338	3.9	(NA)	63.7	4.6	58.4	8.4	2.9
Local	147.7	693	36.6	30.0	65.9	15.2	125.0	12.7	8.0
1977: Total	259.7	1,200	38.0	40.2	168.5	12.8	214.9	34.4	13.6
State	90.2	417	4.0	3.3	79.9	3.0	67.6	12.4	4.0
Local	169.5	783	33.9	36.8	88.7	9.8	147.3	22.0	9.5
1978: Total	280.4	1,286	33.0	42.4	193.6	11.4	225.2	40.0	16.7
State	102.6	472	4.1	3.7	91.9	2.9	72.1	17.0	5.9
Local	177.9	814	28.9	38.7	101.7	8.5	153.1	23.0	10.8
1979: Total	304.1	1,382	31.8	49.6	210.9	11.8	248.5	42.1	27.1
State	111.7	509	4.0	4.3	101.1	2.3	81.2	16.9	8.0
Local	192.4	873	27.8	45.3	109.8	9.5	167.3	25.2	19.1
1980: Total	335.6	1,482	32.3	55.2	235.0	13.1	262.9	42.4	17.4
State	122.0	540	3.8	4.6	111.5	2.1	79.8	16.4	5.7
Local	213.6	942	28.5	50.6	123.5	11.0	183.1	25.9	11.7
1981: Total	363.9	1,606	44.6	60.1	243.6	15.6	273.8	43.8	18.9
State	134.8	595	8.1	4.9	119.5	2.3	81.5	18.2	6.3
Local	229.0	1,011	36.5	55.2	124.1	13.2	192.3	25.6	12.7

NA Not available. [1] 1975–1979 based on estimated resident population as of July 1; 1970, based on enumerated resident population as of April 1, 1970; 1980 and 1981 based on enumerated resident population as of April 1, 1980. [2] Beginning 1977, data for State governments classified as "utility," rather than in "All other."

Source: U.S. Bureau of the Census, *Governmental Finances*, series GF No. 5, annual, and unpublished data.

NO. 468. STATE AND LOCAL GOVERNMENTS—DEBT OUTSTANDING, BY STATE: 1975 to 1981

[As of end of fiscal year; see text, p. 269. Local government amounts included here are estimates subject to sampling variability; see source and Appendix III]

STATE	TOTAL DEBT (mil. dol.)			PER CAPITA [1] (dol.)			STATE	TOTAL DEBT (mil. dol.)			PER CAPITA [1] (dol.)		
	1975	1980	1981	1975	1980	1981		1975	1980	1981	1975	1980	1981
U.S	**219,926**	**335,603**	**363,892**	**1,032**	**1,482**	**1,606**	Mo	2,818	4,230	4,555	592	860	926
							Mont	394	853	1,194	527	1,083	1,518
Ala	2,844	4,082	4,605	787	1,049	1,183	Nebr	2,322	4,604	4,739	1,502	2,933	3,019
Alaska	1,230	4,039	5,225	3,493	10,098	13,010	Nev	596	1,315	1,399	1,007	1,645	1,747
Ariz	2,054	4,752	5,346	923	1,748	1,966	N.H	608	1,295	1,480	743	1,406	1,608
Ark	1,089	2,017	2,327	514	883	1,018	N.J	8,840	12,617	14,213	1,208	1,713	1,930
Calif	20,079	24,209	26,259	948	1,023	1,109							
							N. Mex	649	1,893	2,694	566	1,456	2,067
Colo	1,943	3,801	4,452	767	1,316	1,541	N.Y	39,111	46,496	47,185	2,158	2,648	2,687
Conn	4,848	5,787	6,417	1,566	1,862	2,065	N.C	2,327	4,417	4,999	427	752	850
Del	973	1,622	1,751	1,680	2,726	2,947	N. Dak	283	826	818	445	1,265	1,253
D.C	2,316	2,658	2,703	3,235	4,166	4,234	Ohio	8,119	10,481	11,268	755	971	1,044
Fla	6,553	10,474	12,570	784	1,075	1,290							
							Okla	2,282	3,374	3,861	842	1,115	1,276
Ga	3,762	6,205	6,877	764	1,136	1,259	Oreg	2,899	7,026	8,347	1,267	2,668	3,170
Hawaii	1,452	2,181	2,145	1,678	2,260	2,224	Pa	14,644	20,393	19,437	1,238	1,718	1,638
Idaho	252	672	784	307	712	831	R.I	921	2,029	2,300	994	2,142	2,429
Ill	8,961	15,283	16,502	804	1,338	1,444	S.C	1,869	3,348	4,082	670	1,073	1,307
Ind	2,663	3,925	4,379	501	715	798							
							S. Dak	195	1,134	1,130	285	1,643	1,635
Iowa	1,306	2,295	2,393	455	788	821	Tenn	3,780	6,040	6,533	902	1,172	1,423
Kans	1,828	3,277	3,982	806	1,387	1,684	Texas	11,213	20,660	22,516	916	1,452	1,582
Ky	3,855	7,422	7,475	1,135	2,027	2,042	Utah	549	1,414	2,171	455	968	1,486
La	3,995	7,089	8,666	1,054	1,686	2,060	Vt	628	789	854	1,334	1,544	1,669
Maine	786	1,339	1,445	742	1,190	1,284							
							Va	3,659	5,863	6,251	737	1,097	1,169
Md	5,076	7,501	8,457	1,239	1,779	2,005	Wash	6,355	11,625	13,242	1,793	2,815	3,205
Mass	7,700	10,237	10,743	1,321	1,784	1,873	W. Va	1,572	3,247	3,700	872	1,665	1,897
Mich	8,480	11,118	11,715	926	1,201	1,265	Wis	3,152	5,673	6,107	684	1,206	1,298
Minn	4,182	8,680	7,916	1,065	2,129	1,942	Wyo	382	1,167	1,522	1,022	2,477	3,240
Miss	1,517	2,131	2,162	647	845	858							

[1] 1975 based on Bureau of the Census estimated resident population as of July 1; 1980 and 1981 based on enumerated resident population as of April 1, 1980.

Source: U.S. Bureau of the Census, *Governmental Finances*, series GF No. 5, annual.

No. 469. State Governments—Summary of Finances: 1970 to 1981

[See also *Historical Statistics, Colonial Times to 1970*, series Y 710-782]

ITEM	TOTAL (mil. dol.)						PER CAPITA [1]	
	1970	1975	1978	1979	1980	1981	1970	1981
Borrowing and revenue	**93,463**	**166,696**	**238,475**	**262,648**	**293,356**	**329,213**	**$461**	**$1,457**
Borrowing	4,524	9,663	13,464	15,644	16,394	18,385	22	81
Revenue	88,939	157,033	225,011	247,004	276,962	310,828	439	1,376
General revenue	77,755	134,611	189,099	207,993	233,592	258,159	384	1,143
Taxes	47,962	80,155	113,261	124,908	137,075	149,738	237	663
Sales and gross receipts	27,254	43,346	58,270	63,668	67,855	72,751	135	322
General	14,177	24,780	35,280	39,505	43,168	46,412	70	205
Motor fuels	6,283	8,255	9,501	9,980	9,722	9,734	31	43
Alcoholic beverages	1,420	1,963	2,286	2,400	2,478	2,613	7	12
Tobacco products	2,308	3,286	3,654	3,640	3,738	3,893	11	17
Other	3,065	5,061	7,549	8,142	8,750	10,099	15	45
Licenses	4,615	6,289	7,654	8,215	8,690	9,492	23	42
Motor vehicles	2,728	3,655	4,473	4,779	4,936	5,266	13	23
Corporations in general	764	1,041	1,138	1,262	1,388	1,612	4	7
Other	1,123	1,592	2,043	2,173	2,366	2,614	6	12
Individual income	9,183	18,819	29,105	32,622	37,089	40,895	45	181
Corporation net income	3,738	6,642	10,738	12,128	13,321	14,143	18	63
Property	1,092	1,451	2,366	2,490	2,892	2,949	6	13
Other	2,081	3,607	5,129	5,784	7,227	9,506	10	42
Charges and miscellaneous	9,545	16,629	22,377	25,998	32,190	37,636	47	167
Intergovernmental revenue	20,248	37,827	53,461	57,087	64,326	70,786	100	313
From Federal Government	19,252	36,148	50,200	54,548	61,892	67,868	95	300
Public welfare	7,818	14,247	20,007	22,313	24,680	28,892	39	128
Education	4,554	7,879	9,819	10,710	12,765	14,100	23	62
Highways	4,431	5,260	6,301	7,015	8,660	9,369	22	41
Other	2,450	8,761	14,072	14,510	15,587	15,507	12	69
From local governments	995	1,680	3,261	2,539	2,434	2,918	5	13
Liquor stores revenue	1,748	2,129	2,388	2,504	2,765	2,805	9	12
Insurance trust revenue [2]	9,437	20,293	32,562	35,370	39,301	48,041	47	213
Employee retirement	5,205	10,182	16,026	18,341	21,146	25,122	26	111
Unemployment compensation	3,090	5,712	13,083	12,866	13,468	18,443	15	82
Utility revenue [3]	(NA)	(NA)	962	1,137	1,304	1,823	(NA)	8
Debt outstanding, yearend	**42,008**	**72,127**	**102,569**	**111,740**	**121,958**	**134,847**	**208**	**597**
Long-term	38,903	67,548	99,671	109,449	119,821	132,521	192	587
Full faith and credit	17,736	33,736	46,316	48,286	49,364	52,582	88	233
Nonguaranteed	21,167	33,812	53,356	61,163	70,457	79,940	105	354
Short-term	3,104	4,579	2,897	2,291	2,137	2,325	15	10
Net long-term	34,478	58,388	72,089	81,338	79,810	81,538	170	361
Full faith and credit only	14,832	29,503	39,147	40,401	39,357	41,429	73	183
Expenditure and debt redemption	**87,151**	**161,804**	**208,533**	**230,163**	**263,494**	**297,465**	**430**	**1,316**
Debt redemption	2,096	2,922	4,701	5,497	5,682	5,938	10	26
Expenditure	85,055	158,882	203,832	224,666	257,812	291,527	420	1,290
General expenditure [4]	77,642	138,303	179,802	200,534	228,223	253,654	384	1,123
Public welfare	13,206	25,559	35,776	38,893	44,219	51,463	65	228
Education	30,865	54,012	69,702	77,722	87,939	96,921	152	429
Highways	13,483	17,483	18,479	21,228	25,044	25,439	67	113
Health and hospitals	5,355	10,158	13,884	15,529	17,855	20,593	26	91
State hospitals	3,941	6,891	8,979	9,922	11,015	12,360	19	55
Other hospitals and health	1,415	3,267	4,905	5,607	6,840	8,233	7	36
Housing and urban renewal	120	632	337	424	601	688	1	3
Natural resources	2,223	3,554	3,411	3,808	4,346	5,008	11	22
Corrections	1,104	2,203	3,275	3,770	4,449	5,093	5	23
Police protection	741	1,423	1,826	2,034	2,263	2,558	4	11
Employment security	767	1,509	1,757	1,799	2,001	2,269	4	10
Financial administration	1,032	1,792	2,482	2,723	3,031	3,331	5	15
General control	717	1,496	2,331	2,812	3,232	3,419	4	15
Misc. and unallocable	8,029	18,483	26,542	29,791	33,242	36,871	40	163
Liquor stores expenditure	1,404	1,719	1,991	2,068	2,206	2,305	7	10
Insurance trust expenditure [2]	6,010	18,860	20,495	20,107	24,981	32,221	30	143
Employee retirement	2,376	5,160	7,811	8,937	10,256	11,419	12	51
Unemployment compensation	2,713	12,245	10,672	8,828	12,006	17,846	13	79
Utility expenditure [3]	(NA)	(NA)	1,544	1,957	2,401	3,347	(NA)	15
By character and object:								
Intergovernmental expenditure	28,892	51,978	67,287	75,975	84,504	93,180	143	412
Direct expenditure	56,163	106,905	136,545	148,691	173,307	198,348	277	878
Current operation	30,971	60,793	86,153	94,533	108,131	122,794	153	544
Capital outlay	13,295	17,307	16,064	19,124	23,325	24,286	66	108
Construction	11,185	14,443	13,260	15,930	19,736	20,632	55	91
Land and existing structures	1,240	1,475	1,171	1,229	1,345	1,152	6	5
Equipment	870	1,389	1,633	1,965	2,243	2,502	4	11
Assistance and subsidies	4,387	6,673	8,341	8,878	9,818	10,889	22	48
Interest on debt	1,499	3,272	5,493	6,048	7,052	8,157	7	36
Insurance benefits and repayments	6,010	18,860	20,495	20,107	24,981	32,221	30	143

NA Not available. [1] Based on estimated resident population as of July 1, except for 1981 based on enumerated resident population as of April 1, 1980. [2] Includes other items not shown separately. [3] For 1978 and subsequent fiscal years, utility revenue and expenditure have been compiled separately and not included with general revenue and expenditure. [4] Intergovernmental and direct.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment;* and *State Government Finances*, series GF No. 3, annual.

No. 470. State Governments—Revenue,

[In millions of dollars, except as indicated.

State	Total revenue [1]	General revenue: Total amount	General revenue: Total rank	General revenue: Per capita [2] total (dol.)	General revenue: Per capita [2] rank	Intergovernmental revenue: From Federal Government	Intergovernmental revenue: From local governments	Taxes	Charges and miscellaneous	Debt outstanding: Total
U.S.	**310,828**	**258,159**	**(X)**	**1,143**	**(X)**	**67,868**	**2,918**	**149,738**	**37,636**	**134,847**
Ala	5,105	4,551	21	1,169	22	1,239	122	2,148	1,042	1,320
Alaska	5,134	4,867	20	12,111	1	394	1	2,317	2,155	2,400
Ariz	3,405	2,776	31	1,021	36	559	21	1,786	410	140
Ark	2,529	2,228	36	974	41	780	7	1,189	251	472
Calif	39,552	32,623	1	1,378	8	8,412	209	20,505	3,497	8,983
Colo	3,501	2,904	30	1,005	38	844	11	1,446	603	713
Conn	3,873	3,449	26	1,110	26	827	4	2,072	547	4,411
Del	1,123	998	45	1,679	5	234	3	551	210	1,064
Fla	9,029	8,063	9	827	47	1,916	55	5,314	778	2,816
Ga	5,848	5,118	18	937	44	1,602	13	3,020	484	1,378
Hawaii	2,085	1,831	37	1,898	4	385	6	1,088	352	1,854
Idaho	1,224	989	46	1,047	32	304	2	537	146	379
Ill	14,250	11,891	5	1,041	34	3,181	103	7,323	1,286	6,920
Ind	5,488	4,880	19	889	45	1,229	13	2,809	830	1,024
Iowa	3,670	3,126	29	1,073	29	798	37	1,836	456	439
Kans	2,715	2,374	34	1,004	39	628	15	1,392	339	420
Ky	4,618	4,031	22	1,101	28	1,192	13	2,276	550	3,028
La	5,895	5,352	15	1,272	15	1,367	2	2,805	1,178	3,489
Maine	1,504	1,303	40	1,158	23	442	19	674	188	834
Md	5,891	5,259	17	1,247	18	1,341	28	2,956	935	3,982
Mass	7,676	7,252	10	1,264	17	1,888	212	4,336	815	6,283
Mich	15,035	11,069	6	1,195	20	2,928	233	6,177	1,731	3,471
Minn	6,729	5,672	13	1,392	7	1,436	65	3,374	798	2,396
Miss	3,053	2,638	32	1,046	33	888	22	1,397	331	794
Mo	4,435	3,794	23	772	50	1,176	12	2,143	463	1,335
Mont	1,269	1,053	43	1,339	12	376	5	465	207	303
Nebr	1,583	1,488	39	948	43	393	27	804	264	246
Nev	1,324	889	47	1,111	25	257	4	515	112	555
N.H	944	711	49	772	49	252	17	269	173	1,039
N.J	10,269	8,163	8	1,108	27	1,812	105	5,029	1,218	7,620
N. Mex	2,687	2,477	33	1,901	3	465	15	1,179	817	762
N.Y	30,003	23,539	2	1,341	11	6,667	844	13,918	2,109	24,657
N.C	6,721	5,792	12	985	40	1,587	107	3,431	666	1,351
N. Dak	1,204	1,080	42	1,655	6	243	18	451	368	212
Ohio	14,241	9,297	7	861	46	2,469	99	5,241	1,488	4,715
Okla	4,094	3,737	25	1,235	19	815	25	2,232	664	1,733
Oreg	4,423	3,339	27	1,268	16	920	24	1,608	787	5,900
Pa	15,348	12,003	4	1,012	37	3,064	78	7,597	1,264	6,330
R.I	1,535	1,302	41	1,374	9	386	5	608	303	1,725
S.C	3,948	3,236	28	1,037	35	911	36	1,826	463	2,467
S. Dak	805	734	48	1,062	30	265	7	298	164	693
Tenn	4,271	3,787	24	825	48	1,322	32	1,958	474	1,473
Texas	15,252	13,799	3	970	42	3,150	28	8,174	2,448	2,652
Utah	2,053	1,680	38	1,150	24	531	9	849	290	578
Vt	795	688	50	1,344	10	259	3	294	131	673
Va	6,484	5,611	14	1,049	31	1,523	58	3,027	1,003	2,142
Wash	6,916	5,348	16	1,294	13	1,541	97	3,126	584	1,793
W. Va	2,931	2,319	35	1,189	21	760	4	1,270	286	1,843
Wis	7,201	6,036	11	1,283	14	1,617	39	3,629	751	2,591
Wyo	1,158	1,010	44	2,151	2	293	2	469	246	451

X Not applicable. [1] Includes liquor stores, utilities, and insurance trust activities, not shown separately. [2] Based on enumerated resident population as of April 1, 1980.

DEBT, AND EXPENDITURE BY STATES: 1981

For fiscal year, see text p. 269]

DEBT OUTSTANDING—Con.		Total expenditure [1]	GENERAL EXPENDITURES								STATE
			Total [3]			Selected functions					
Per capita [2]			Amount	Per capita [2]		Education	Highways	Public welfare	Health and hospitals	Natural resources	
Total (dol.)	Rank			Total (dol.)	Rank						
597	**(x)**	**291,527**	**253,654**	**1,123**	**(x)**	**96,921**	**25,439**	**51,463**	**20,592**	**5,008**	**U.S.**
339	35	4,374	3,927	1,009	38	1,803	527	523	372	83	Ala.
5,971	1	2,543	2,424	6,032	1	670	212	157	79	171	Alaska.
51	50	3,076	2,841	1,045	32	1,364	361	180	189	47	Ariz.
206	44	2,356	2,169	949	42	878	375	360	147	60	Ark.
380	33	38,846	34,525	1,459	6	13,427	1,617	9,486	2,142	803	Calif.
247	42	3,311	2,981	1,032	34	1,372	348	500	228	72	Colo.
1,420	6	3,740	3,274	1,054	31	931	263	701	319	29	Conn.
1,790	5	1,029	933	1,570	4	369	96	105	59	17	Del.
289	39	8,274	7,807	801	50	3,602	891	891	691	232	Fla.
252	41	5,401	4,979	911	44	2,118	618	884	462	124	Ga.
1,921	3	1,838	1,700	1,763	3	602	98	275	126	45	Hawaii.
401	29	1,139	1,001	1,060	30	433	140	115	58	49	Idaho.
606	21	13,934	11,776	1,031	35	4,310	1,446	2,808	738	143	Ill.
187	45	5,664	4,970	905	45	2,239	592	683	355	103	Ind.
151	49	3,617	3,210	402	26	1,415	459	545	242	81	Iowa.
178	47	2,618	2,377	1,005	39	1,011	387	427	187	67	Kans.
827	17	4,821	4,295	1,173	21	1,677	770	721	270	90	Ky.
829	16	5,825	5,216	1,240	15	1,984	707	772	513	143	La.
741	19	1,420	1,216	1,081	28	401	131	309	66	48	Maine.
944	15	5,788	5,056	1,199	18	1,660	564	912	482	76	Md.
1,095	10	7,986	7,258	1,265	13	1,772	458	2,082	725	54	Mass.
375	34	13,295	10,993	1,187	19	3,833	888	3,032	1,061	135	Mich.
588	22	6,050	5,512	1,352	10	2,040	544	1,079	366	154	Minn.
315	38	2,985	2,696	1,069	29	1,138	387	414	199	74	Miss.
272	40	4,422	4,006	815	49	1,575	510	799	361	97	Mo.
385	32	1,096	929	1,181	20	308	193	117	58	48	Mont.
157	48	1,558	1,495	952	40	496	255	210	131	62	Nebr.
693	20	1,230	927	1,158	24	384	156	100	46	21	Nev.
1,128	9	952	782	850	46	214	122	148	63	15	N.H.
1,035	11	10,280	8,455	1,148	25	2,524	430	1,699	702	160	N.J.
585	23	2,039	1,936	1,486	5	888	226	192	160	45	N. Mex.
1,404	7	27,780	23,261	1,325	11	7,172	1,352	5,946	2,254	107	N.Y.
230	43	6,571	6,004	1,021	36	2,904	573	805	510	143	N.C.
325	36	1,013	943	1,445	7	360	140	109	51	38	N. Dak.
437	27	13,269	9,890	916	43	3,877	954	2,100	1,135	128	Ohio.
573	24	3,791	3,321	1,098	27	1,486	433	630	242	54	Okla.
2,241	2	3,817	3,194	1,213	16	1,074	420	487	221	116	Oreg.
534	26	14,094	11,262	949	41	3,814	1,101	3,003	1,051	173	Pa.
1,821	4	1,461	1,300	1,373	9	380	64	332	142	11	R.I.
790	18	3,952	3,168	1,015	37	1,412	274	437	336	74	S.C.
1,004	12	836	801	1,160	23	224	150	111	43	33	S. Dak.
321	37	4,231	3,785	824	48	1,526	565	649	334	76	Tenn.
186	46	12,910	12,023	845	47	6,157	1,719	1,688	918	196	Texas.
396	31	1,896	1,696	1,161	22	809	222	230	126	55	Utah.
1,317	8	724	637	1,246	14	217	62	117	46	20	Vt.
401	30	6,092	5,567	1,041	33	2,230	797	804	593	73	Va.
434	28	6,911	5,834	1,412	8	2,686	663	949	443	175	Wash.
945	14	2,863	2,342	1,201	17	879	508	265	138	55	W. Va.
551	25	6,838	6,093	1,295	12	2,021	492	1,525	369	103	Wis.
959	13	968	865	1,843	2	256	180	48	43	29	Wyo.

[3] Includes amounts not shown separately.

Source: U.S. Bureau of the Census, *State Government Finances in 1981,* series GF81, No. 3.

NO. 471. STATE GENERAL OPERATING FUND RESOURCES AND EXPENDITURES: 1982 TO 1984

[In millions of dollars, except percent. Fiscal year data. General operating funds exclude special funds earmarked for particular purposes, such as highway trust funds; they support most on-going broad-based State services, as opposed to long-term State capital projects and are available for appropriation to support any governmental activity. Minus sign (–) indicates deficit. For composition of regions see fig. I, inside front cover]

REGION, DIVISION AND STATE	GENERAL FUND RESOURCES [1]			EXPENDITURES [3]			BALANCE					
							Total			As percent of expenditures [4]		
	1982	1983 [2]	1984 [2]	1982	1983 [2]	1984 [2]	1982	1983 [2]	1984 [2]	1982	1983 [2]	1984 [2]
U.S.	**160,322**	**165,364**	**174,946**	**155,819**	**165,073**	**173,682**	**4,511**	**291**	**1,263**	**3.0**	**.2**	**.7**
Regions:												
Northeast	38,776	41,537	45,046	38,620	41,714	44,911	157	–176	135	.4	–.4	.3
North Central	35,484	37,478	41,321	35,476	37,385	40,897	6	95	421	–	.3	1.0
South	46,107	47,579	48,943	42,948	46,705	48,757	3,161	872	186	7.4	1.9	.4
West	39,956	38,770	39,637	38,776	39,270	39,117	1,188	–499	520	3.1	–1.3	1.3
N. Eng	**9,520**	**10,191**	**11,047**	**9,568**	**10,242**	**11,023**	**–47**	**–51**	**24**	**–.5**	**–.5**	**.2**
Maine	676	722	768	657	709	753	19	13	15	2.9	1.8	2.0
N.H	270	286	331	304	323	342	–33	–37	–11	–10.9	–11.5	–3.2
Vt	273	305	331	273	323	342	–	–18	–11	–	–5.6	–3.2
Mass	4,548	4,821	5,094	4,544	4,776	5,063	4	45	31	.1	1.0	.6
R.I	824	866	902	821	864	902	3	2	–	.4	.2	–
Conn	2,929	3,191	3,621	2,969	3,247	3,621	–40	–56	–	–1.4	–1.7	–
Mid. Atl	**29,256**	**31,346**	**33,999**	**29,052**	**31,472**	**33,888**	**204**	**–125**	**111**	**.7**	**–.4**	**.3**
N.Y	16,201	17,513	19,154	16,139	17,513	19,103	62	–	51	.4	–	.3
N.J	5,865	6,399	6,854	5,731	6,289	6,800	134	110	55	2.3	1.7	.8
Pa	7,190	7,434	7,991	7,182	7,670	7,985	8	–235	5	.1	–3.1	.1
E. No. Cent	**24,694**	**26,614**	**29,117**	**24,379**	**26,691**	**28,784**	**314**	**–74**	**331**	**1.3**	**–.3**	**1.1**
Ohio	6,091	7,206	8,095	6,041	7,194	8,014	50	13	80	.8	.2	1.0
Ind	2,181	2,224	2,892	2,161	2,176	2,854	–	49	39	–	2.4	1.5
Ill	8,462	8,688	8,533	8,275	8,538	8,383	187	150	150	2.4	1.9	1.9
Mich	4,459	4,705	5,323	4,452	4,705	5,322	6	–	–	.1	–	–
Wis	3,521	3,791	4,274	3,450	4,078	4,211	71	–286	62	2.1	–6.7	1.5
W. No. Cent	**10,790**	**10,864**	**12,204**	**11,097**	**10,694**	**12,113**	**–308**	**169**	**90**	**–2.8**	**1.6**	**.7**
Minn	3,911	3,729	4,523	4,508	3,720	4,673	–598	9	–150	–13.8	.2	–3.2
Iowa	1,785	1,921	2,075	1,763	1,873	2,023	22	48	51	1.3	2.5	2.5
Mo	2,128	2,281	2,430	2,065	2,228	2,375	63	53	55	3.1	2.4	2.3
N. Dak	543	443	521	434	427	491	109	16	30	26.2	3.8	6.1
S. Dak	289	288	296	269	281	291	20	7	5	7.4	2.5	1.7
Nebr	708	742	761	724	751	739	–16	–9	22	–2.2	–1.2	3.0
Kans	1,426	1,460	1,598	1,334	1,414	1,521	92	45	77	6.9	3.2	5.1
So. Atl	**21,993**	**22,799**	**24,412**	**21,144**	**22,692**	**24,266**	**851**	**107**	**146**	**4.0**	**.5**	**.6**
Del	696	730	768	645	680	714	51	50	54	7.9	7.4	7.6
Md	3,086	3,265	3,431	2,930	3,228	3,425	156	37	6	5.3	1.2	.2
Va	3,134	3,225	3,366	2,937	3,225	3,365	198	–	1	6.3	–	–
W. Va	1,313	1,323	1,384	1,235	1,315	1,366	78	8	18	6.3	.6	1.3
N.C	3,384	3,498	3,696	3,276	3,497	3,696	109	1	–	3.3	–	–
S.C	1,778	1,912	2,048	1,778	1,912	2,048	–	–	–	–	–	–
Ga	3,533	3,686	4,018	3,533	3,686	4,018	–	–	–	–	–	–
Fla	5,069	5,160	5,701	4,810	5,149	5,634	259	11	67	5.4	.2	1.2
E. So. Cent	**6,979**	**7,239**	**7,794**	**6,840**	**7,181**	**7,780**	**139**	**57**	**14**	**2.0**	**.8**	**.2**
Ky	2,122	2,298	2,498	2,080	2,282	2,495	42	15	3	2.0	.7	.1
Tenn	1,786	1,856	1,998	1,752	1,845	1,987	34	11	11	1.9	.6	.6
Ala	1,799	1,849	1,897	1,775	1,849	1,897	24	–	–	1.4	–	–
Miss	1,272	1,236	1,401	1,233	1,205	1,401	39	31	–	3.2	2.6	–
W. So. Cent	**17,135**	**17,541**	**16,737**	**14,964**	**16,832**	**16,711**	**2,171**	**708**	**26**	**14.5**	**4.2**	**.2**
Ark	1,091	1,143	1,211	1,091	1,143	1,211	–	–	–	–	–	–
La	4,594	3,991	3,776	4,296	3,987	3,772	298	4	4	6.9	.1	.1
Okla	1,993	1,996	1,677	1,616	1,922	1,677	377	74	–	23.3	3.9	–
Tex	9,457	10,411	10,073	7,961	9,780	10,051	1,496	630	22	28.6	6.4	.2
Mt	**6,994**	**7,415**	**7,647**	**6,494**	**7,187**	**7,378**	**500**	**228**	**269**	**7.7**	**3.2**	**3.6**
Mont	382	364	366	348	342	353	34	22	13	9.8	6.4	3.7
Idaho	408	452	454	408	452	453	–	–	1	–	–	.2
Wyo	459	467	461	302	446	446	157	21	15	52.0	4.7	3.4
Colo	1,446	1,631	1,831	1,431	1,568	1,726	15	63	105	1.1	4.0	6.2
N. Mex	1,338	1,327	1,304	1,129	1,284	1,246	209	43	58	18.5	3.3	4.7
Ariz	1,630	1,693	1,767	1,621	1,673	1,750	9	20	17	.6	1.2	1.0
Utah	919	1,006	1,037	889	991	1,020	30	15	17	3.4	1.5	1.7
Nev	412	475	427	366	431	384	46	44	43	12.9	10.0	11.2
Pac	**32,962**	**31,355**	**31,990**	**32,282**	**32,083**	**31,739**	**688**	**–727**	**251**	**2.1**	**–2.3**	**.8**
Wash	3,459	3,569	3,829	3,208	3,564	3,908	251	5	–79	7.8	.1	–2.0
Oreg	1,289	1,449	1,587	1,436	1,447	1,620	–139	2	–33	–9.7	.1	–2.0
Calif	21,809	21,020	22,194	21,709	21,905	22,004	100	–885	190	.5	–4.0	.9
Alaska	4,965	3,827	2,852	4,699	3,773	2,762	266	54	90	6.2	1.4	3.3
Hawaii	1,440	1,490	1,528	1,230	1,394	1,445	210	97	83	17.1	7.0	5.7

– Represents zero. [1] Includes funds budgeted and balances from previous year. [2] Estimates. [3] Includes transfers (plus or minus). [4] Based on expenditures excluding transfers (plus or minus).

Source: National Governors' Association and National Association of State Budget Officers, Washington, D.C., *Fiscal Survey of the States*, annual.

No. 472. State Government Tax Collections, 1982, and Excise Taxes, 1983, by Type of Tax—States

[1982 tax collections preliminary. Tax collections for fiscal year; see text page 269. Collections include local shares of State-imposed taxes. Excise taxes as of **September 1**]

STATE	STATE TAX COLLECTIONS (mil. dol.)								EXCISE TAXES [2]		
		Sales and gross receipts									
	Total [1]	Total [1]	General sales or gross receipts	Motor fuels	Alcoholic beverages and tobacco products	Individual income	Corporation net income	Motor vehicle and operators' licenses	General sales and gross receipts (percent)	Cigarettes (cents per package)	Gasoline (cents per gal.)
U.S. [3]	**162,659**	**78,800**	**50,343**	**10,437**	**6,681**	**45,709**	**14,006**	**6,051**	(X)	(X)	(X)
Ala	2,196	1,341	629	238	174	481	123	40	[4] 4 D	16	11
Alaska	2,539	65	(X)	31	14	1	704	14	(X)	8	8
Ariz	1,856	1,037	801	122	64	439	115	94	[4] 5 F & D	13	12
Ark	1,264	680	419	133	75	354	92	69	[4] 3 D	21	9.5
Calif	21,819	9,672	7,721	835	419	7,468	2,644	611	[4] 4.75 F & D	10	9
Colo	1,690	873	613	139	62	549	91	59	[4] [5] 3.5 F & D	10	12
Conn	2,340	1,647	1,004	149	100	138	349	91	7.5 F & D	26	14
D.C. [3]	1,227	403	248	22	18	340	72	19	6 F & D	13	14.8
Del	595	87	(X)	35	18	286	36	25	(X)	14	11
Fla	5,556	4,190	2,784	432	583	(X)	384	268	5 F & D	21	4
Ga	3,281	1,698	1,088	351	184	1,183	268	59	[4] 3	12	7.5
Hawaii	1,066	717	577	33	22	283	43	8	[6] 4	(7)	8.5
Idaho	579	240	146	57	16	220	46	41	[6] 4.5 D	9.1	14.5
Ill	7,429	3,728	2,333	365	249	2,222	714	376	[4] [8] 5 F & D	12	11
Ind	3,064	1,973	1,510	286	120	749	126	110	5 F & D	10.5	11.1
Iowa	1,997	854	523	180	77	721	147	151	4 F & D	18	13
Kans	1,443	696	471	116	68	460	123	74	[4] 3 D	16	10
Ky	2,491	1,134	682	202	39	601	167	59	5 F & D	3	10
La	3,127	1,422	927	191	122	220	292	58	[4] 3 F & D	11	8
Maine	731	395	249	50	55	210	36	36	5 F & D	16	14
Md	3,193	1,403	797	192	102	1,355	149	91	5 F & D	13	13.5
Mass	4,804	1,607	917	269	230	2,324	598	119	5 F & D	26	11
Mich	6,307	2,617	1,844	422	232	2,127	952	245	4 F & D	21	13
Minn	3,799	1,528	875	259	144	1,549	325	170	[4] 6 F & D	18	16
Miss	1,462	981	767	102	70	168	71	49	[9] 5.5 D	11	9
Mo	2,313	1,189	839	194	86	761	123	116	[4] 4.125 D	13	7
Mont	529	103	(X)	49	27	144	45	25	(X)	16	15
Nebr	861	491	289	126	39	227	48	46	[4] [10] 4 D	18	15.3
Nev	745	638	376	56	25	(X)	(X)	33	[4] 5.75 F & D	15	10.25
N.H	326	153	(X)	60	32	15	80	33	(X)	12	14
N.J	5,577	2,865	1,379	288	237	1,306	725	274	[6] 6 F & D	25	8
N. Mex	1,228	699	534	87	31	16	60	41	[4] [8] 3.75	12	11
N.Y	15,438	5,232	3,197	444	487	8,034	1,342	334	[4] 4 F & D	21	8
N.C	3,790	1,673	780	372	134	1,449	277	160	[4] 3 D	2	12
N. Dak	533	219	147	35	16	35	38	30	4 F & D	18	13
Ohio	5,819	3,309	1,819	527	272	1,244	548	304	[4] 5 F & D	14	12
Okla	2,713	907	482	138	134	641	139	176	[4] 2 D	18	6.58
Oreg	1,552	191	(X)	91	58	968	124	112	(X)	9	8
Pa	8,186	4,063	2,229	573	397	1,985	870	406	6 F & D	18	11
R.I	675	366	200	49	34	215	53	18	6 F & D	23	13
S.C	1,959	1,073	647	214	122	642	132	45	4 D	7	13
S. Dak	329	283	179	56	20	(X)	1	16	[4] [6] 4 D	15	13
Tenn	2,146	1,630	1,118	280	137	44	207	118	[4] 4.5 D	13	9
Tex	9,100	5,697	3,481	496	614	(X)	(X)	341	[4] 4 F & D	18.5	5
Utah	951	513	368	84	19	331	41	23	[4] [11] 4.625 D	12	11
Vt	332	151	48	25	24	113	25	29	4 F & D	12	13
Va	3,236	1,357	671	325	91	1,446	177	113	[12] 4 D	2.5	11
Wash	3,528	2,546	1,892	261	193	(X)	(X)	114	[4] 6.5 F & D	23	16
W. Va	1,469	1,029	781	95	44	306	34	56	5 F & D	17	10.5
Wis	3,934	1,561	961	286	161	1,680	323	132	5 F & D	25	15
Wyo	763	280	228	38	8	(X)	(X)	38	[4] [13] 3 D	8	8

X Not applicable. [1] Includes amounts for types of taxes not shown separately. [2] Source: Advisory Commission on Intergovernmental Relations, Wash., D.C. *Significant Features; Fiscal Federalism*, annual; F=food exempt from sales tax; D=prescription drugs exempt from sales tax. [3] D.C. excluded from U.S. total. [4] Rates include local taxes when mandatory. [5] The rate is to revert to 3% on 3/1/84. [6] A sales tax credit (of varying amounts for each State) is granted on the State income tax form. The credit is not available in Hawaii for taxpayers with adjusted gross incomes greater than $20,000. [7] 40% of wholesale price. [8] Effective 1/1/84. Until then, the State rate is 4% and food and drugs are taxed at 2%. [9] The rate is 5% until 1/1/84 and will revert to 5% on 1/1/87. [10] The rate is to revert to 3.5% after 4/30/84. [11] The rate is to revert to 4.125% after 9/30/84. [12] Although not mandatory, all locations impose a 1% tax on top of the State imposed 3%. [13] A sales tax refund is provided for low-income elderly and disabled persons.

Source: Except as noted, U.S. Bureau of the Census, *State Government Tax Collections in 1982*, series GF82, No. 1.

No. 473. Gross Revenue of Selected States from Parimutuel and Amusement Taxes and Lotteries, 1980 and 1981, and by State, 1981

[For fiscal years; see text, p. 269]

STATE	Gross revenue (mil. dol.)	Parimutuel taxes (mil. dol.)	Amusement taxes (mil. dol.)	LOTTERY REVENUE	
				Total (mil. dol.) [1]	Percent for prizes
1980	3,153.7	731.5	234.1	2,188.1	52.3
1981 [2]	**3,724.5**	**751.8**	**259.6**	**2,713.1**	**52.4**
Ariz	10.9	10.9	(x)	(x)	(x)
Ark	16.5	16.5	(x)	(x)	(x)
Calif	133.5	133.3	.2	(x)	(x)
Colo	9.4	9.1	.3	(x)	(x)
Conn	206.8	53.3	11.7	141.8	55.0
Del	20.6	1.5	(x)	19.1	52.6
Fla	107.5	105.2	2.3	(x)	(x)
Ill	275.4	70.7	7.2	197.5	50.9
Ky	14.7	14.4	.3	(x)	(x)
La	22.2	22.0	.2	(x)	(x)
Maine	7.4	1.7	(x)	5.7	54.8
Md	383.7	16.5	.8	366.4	49.8
Mass	226.3	32.3	9.2	184.8	56.4
Mich	487.6	23.9	.1	463.6	54.6
Nebr	8.2	7.6	.6	(x)	(x)
Nev	147.1	.4	146.7	(x)	(x)
N.H	20.6	9.4	(x)	11.2	48.7
N.J	484.6	16.1	72.3	396.2	52.5
N. Mex	3.2	3.1	.1	(x)	(x)
N.Y	336.6	116.2	1.0	219.4	46.2
Ohio	305.0	24.8	(x)	280.2	53.6
Oreg	4.7	4.7	(x)	(x)	(x)
Pa	418.9	25.2	.1	393.6	52.2
R.I	38.2	6.9	.1	31.2	54.6
S.C	4.2	(x)	4.2	(x)	(x)
S. Dak	2.4	2.4	(x)	(x)	(x)
Vt	3.4	1.1	(x)	2.3	53.3
Wash	8.6	8.6	(z)	(x)	(x)
W. Va	13.8	13.8	(x)	(x)	(x)

X Not applicable. Z Less than $50,000. [1] Excludes commissions. [2] Includes States whose gross revenues were less than $1,000,000.

Source: U.S. Bureau of the Census, *State Government Finances in 1981*, series GF81, No. 3 and *State Government Tax Collections in 1981*, series GF81, No.1.

No. 474. State Government Revenue from Severance Taxes, by State, 1975 to 1982

[**In millions of dollars.** Severance taxes are taxes imposed distinctively on the removal of natural products, such as oil, gas, other minerals, timber, and fish; from land or water and measured by value and/or quantity of products removed or sold. See source for information on particular taxes (including changes in tax rates) and additional analytical detail. For fiscal years; see text p. 269. For composition of regions, see fig. I, inside front cover]

REGION AND STATE	1975	1980	1981	1982, prel.
Total	**1,741**	**4,208**	**6,379**	**7,830**
Regions:				
Northeast	.2	.3	.1	(z)
North Central	54.0	224.2	303.1	409.8
South	1,514.7	2,892.5	4,158.4	4,733.1
West	168.9	1,090.5	1,917.7	2,686.7
Alabama	10.9	32.4	60.7	63.5
Alaska	26.6	506.5	1,170.2	1,571.6
Arkansas	7.3	18.1	26.7	29.8
California	2.3	26.0	21.9	27.9
Colorado	2.4	31.1	35.9	49.2
Florida	30.0	121.3	169.2	157.6
Idaho	.5	1.9	2.2	2.5
Indiana	.5	1.6	1.8	1.8
Kansas	.7	1.1	1.0	1.0
Kentucky	99.1	177.2	194.4	256.8
Louisiana	548.5	525.3	815.2	982.1
Michigan	4.6	43.5	82.9	81.6
Minnesota	35.9	123.8	98.9	118.6
Mississppi	21.6	52.5	87.9	117.0
Missouri	(x)	(z)	(z)	(z)
Montana	14.7	94.6	99.2	149.4
Nebraska	1.0	2.9	4.2	6.0
Nevada	.2	(z)	(z)	(x)
New Hampshire	.2	.3	.1	(z)
New Mexico	71.2	213.6	322.6	377.8
North Carolina	(x)	1.3	1.4	1.2
North Dakota	6.9	43.9	103.4	186.7
Ohio	3.9	4.6	4.2	4.0
Oklahoma	128.1	436.1	601.5	742.7
Oregon	3.1	50.6	56.9	50.5
South Dakota	(x)	2.4	6.1	9.3
Tennessee	1.6	2.2	2.6	2.5
Texas	666.9	1,525.1	2,197.7	2,378.6
Utah	6.2	10.6	16.0	22.3
Virginia	.7	1.0	1.1	1.3
Washington	23.2	49.9	54.5	46.1
Wisconsin	.5	.4	.6	.8
Wyoming	18.5	105.7	138.3	389.4

X Not applicable. Z Less than $50,000.

Source: U.S. Bureau of the Census, *State Government Tax Collections in 1982*, series GF82, No. 1, and earlier issues.

NO. 475. FINANCES OF STATE-ADMINISTERED UNEMPLOYMENT COMPENSATION SYSTEMS, 1970 TO 1982, AND BY STATE, 1982

[In millions of dollars. For fiscal year ending in year shown; see text, page 270]

DIVISION AND STATE	REVENUE				EXPENDITURE			ASSETS [4]		
	Total	State—		Federal advances and contributions [3]	Total	Regular	Extended and special	Total	Trust fund account [5]	Other [6]
		Contribution [1]	Interest [2]							
1970	3,090	2,524	566	(NA)	2,713	(NA)	(NA)	12,236	12,270	−33.8
1975	5,712	5,135	577	(NA)	9,536	(NA)	(NA)	6,876	6,790	86.3
1976	16,460	6,166	243	10,057	18,820	9,766	9,054	4,425	4,372	53.2
1977	15,213	8,523	232	6,459	14,611	8,601	6,010	4,956	4,931	25.4
1978	13,083	9,894	261	2,928	10,672	7,930	2,743	7,450	7,429	21.2
1979	12,866	11,761	476	630	8,828	7,789	1,040	11,359	11,314	45.3
1980	13,468	11,616	797	1,055	12,006	11,012	994	11,945	11,969	−24.4
1981	18,443	11,167	954	6,321	17,846	13,170	4,677	11,634	11,721	−87.1
1982, total	**16,922**	**11,962**	**1,103**	**3,858**	**18,126**	**16,451**	**1,675**	**6,787**	**6,968**	**−180.6**
N. Eng	**951**	**867**	**50**	**33**	**930**	**878**	**50**	**631**	**637**	**−5.4**
Maine	65	60	–	5	74	66	8	18	19	−.3
N.H	35	26	9	1	36	35	1	76	76	−.5
Vt	31	30	–	1	38	36	2	11	10	.4
Mass	535	479	41	14	452	430	21	431	435	−3.3
R.I	111	102	–	9	113	98	15	27	27	−.2
Conn	174	170	–	3	217	213	3	68	70	−1.5
Mid. Atl	**3,320**	**2,784**	**79**	**458**	**3,343**	**3,122**	**221**	**973**	**1,000**	**−27.1**
N.Y	1,207	1,105	79	23	1,004	981	23	819	835	−15.8
N.J	761	709	–	53	838	740	98	97	108	−11.0
Pa	1,352	970	–	382	1,501	1,401	100	57	57	−.3
E. No. Cent	**5,216**	**2,568**	**23**	**2,625**	**5,302**	**4,604**	**697**	**165**	**224**	**−58.5**
Ohio	1,347	567	–	780	1,242	1,197	145	−21	–	−21.0
Ind	285	237	17	31	357	307	50	140	129	11.5
Ill	1,516	932	–	584	1,546	1,345	201	66	95	−28.5
Mich	1,541	615	–	926	1,577	1,327	249	−9	–	−9.3
Wis	527	217	6	304	480	428	52	−11	–	−11.2
W. No. Cent	**1,082**	**738**	**45**	**299**	**1,162**	**1,076**	**87**	**351**	**357**	**−5.8**
Minn	349	199	–	150	351	320	31	−5	–	−4.6
Iowa	187	142	8	37	257	234	23	4	2	2.0
Mo	311	202	2	107	299	271	28	49	51	−1.8
N. Dak	38	36	1	1	36	35	1	10	10	−.8
S. Dak	19	17	1	–	16	16	–	9	10	−.2
Nebr	51	41	9	1	56	55	1	79	79	−.5
Kans	127	101	24	3	147	145	3	205	205	.1
So. Atl	**1,599**	**1,222**	**272**	**104**	**1,893**	**1,775**	**118**	**2,329**	**2,334**	**−7.5**
Del	56	38	–	17	45	42	3	19	18	.1
Md	189	130	41	17	288	261	27	306	311	−5.4
D.C	68	51	–	17	99	82	17	−2	–	−2.6
Va	190	177	7	6	206	200	6	39	34	4.9
W. Va	176	163	–	13	173	160	13	28	33	−5.2
N.C	281	207	61	14	380	356	24	488	488	.6
S.C	138	110	18	10	206	188	18	120	123	−3.2
Ga	212	155	51	7	261	254	7	437	436	.3
Fla	289	191	94	3	235	232	3	694	891	3.0
E. So. Cent	**800**	**641**	**51**	**111**	**925**	**824**	**101**	**438**	**439**	**−1.1**
Ky	257	203	1	53	281	267	13	48	43	5.7
Tenn	228	181	14	34	321	275	47	70	76	−6.9
Ala	178	157	9	14	205	179	26	64	64	.1
Miss	137	100	27	10	118	103	15	256	256	–
W. So. Cent	**677**	**590**	**66**	**21**	**844**	**818**	**24**	**516**	**519**	**−2.3**
Ark	105	99	–	6	128	118	9	5	8	−2.8
La	224	198	20	6	322	315	6	121	121	−.2
Okla	84	61	21	2	94	92	2	189	189	.1
Tex	264	232	25	7	300	293	7	201	201	.6
Mt	**565**	**438**	**91**	**34**	**679**	**627**	**50**	**718**	**728**	**−10.6**
Mont	54	47	3	4	60	54	6	14	15	−.9
Idaho	62	45	8	9	100	82	17	41	41	–
Wyo	33	24	7	1	36	35	1	63	63	−.6
Colo	91	78	9	3	139	135	3	59	61	−2.5
N. Mex	59	44	12	3	49	46	3	107	110	−2.4
Ariz	101	67	30	4	105	101	4	268	267	1.0
Utah	80	68	6	6	102	94	8	32	35	−2.7
Nev	85	65	16	4	88	80	8	134	136	−2.5
Pac	**2,714**	**2,116**	**428**	**171**	**3,051**	**2,727**	**324**	**665**	**727**	**−62.7**
Wash	428	350	37	41	554	463	91	231	246	−15.1
Oreg	252	199	26	28	361	311	50	205	211	−5.8
Calif	1,858	1,425	343	90	1,988	1,822	166	19	60	−41.4
Alaska	110	89	11	10	78	63	15	108	108	−.4
Hawaii	66	53	11	2	70	68	2	102	102	–

– Represents zero or rounds to zero. NA Not available. [1] State Unemployment Compensation Tax (net amount received from employers and employees including penalties and interest). [2] Credited by U.S. Government. [3] Beginning 1978 represents net contributions allowing for deductions of repayments of federal advances. [4] End of fiscal year. [5] In U.S. Treasury. [6] State clearing and benefit accounts. Minus sign indicates negative balance.

Source: U.S. Bureau of the Census, *State Government Finances*, series GF No. 3, annual. Based on data reported by Department of Labor.

No. 476. Number of Local Governments, by Type—States: 1977 and 1982

[Limited to governments actually in existence. Excludes, therefore, a few counties and numerous townships and "incorporated places" existing as areas for which statistics can be presented as to population and other subjects, but lacking any separate organized county, township, or municipal government]

STATE	1977			1982								
									Special district governments			
	All local governmental units [1]	School district governments	Special district governments	All local governmental units	County governments	Municipal governments	Township governments [2]	School district governments	Total [1]	Natural resources	Fire protection	Housing and community development
U.S	79,862	15,174	25,962	82,290	3,041	19,076	16,734	14,851	28,588	6,232	4,560	3,296
Ala	949	127	336	1,018	67	434	-	127	390	67	2	157
Alaska	150	-	-	156	8	142	-	-	6	-	-	6
Ariz	420	230	106	452	14	76	-	232	130	81	-	-
Ark	1,346	380	424	1,424	75	472	-	372	505	226	29	135
Calif	3,806	1,109	2,227	4,102	57	428	-	1,111	2,506	525	381	87
Colo	1,459	185	950	1,544	62	267	-	185	1,030	174	202	56
Conn	434	16	236	479	-	33	149	16	281	-	48	91
Del	210	25	127	217	3	56	-	19	139	134	-	3
D.C	2	-	1	2	-	1	-	-	1	-	-	-
Fla	911	95	361	969	66	391	-	95	417	129	56	94
Ga	1,263	188	387	1,268	158	533	-	187	390	30	-	210
Hawaii	19	-	15	18	3	1	-	-	14	14	-	-
Idaho	972	117	612	1,018	44	198	-	117	659	178	101	12
Ill	6,620	1,063	2,745	6,467	102	1,280	1,434	1,049	2,602	907	771	98
Ind	2,854	307	885	2,865	91	564	1,008	305	897	115	-	52
Iowa	1,852	464	334	1,871	99	955	-	456	361	218	64	5
Kans	3,725	327	1,219	3,795	105	627	1,367	326	1,370	261	-	102
Ky	1,183	181	478	1,241	119	425	-	180	517	126	75	21
La	458	66	30	468	62	301	-	66	39	18	-	-
Maine	779	86	178	806	16	22	475	98	195	11	-	30
Md	426	-	252	439	23	152	-	-	264	193	-	20
Mass	766	75	328	798	12	39	312	81	354	14	12	219
Mich	2,633	606	168	2,643	83	532	1,245	599	184	85	-	-
Minn	3,437	440	263	3,529	87	855	1,795	436	356	108	-	163
Miss	835	166	304	858	82	292	-	169	315	234	-	60
Mo	2,937	574	1,007	3,117	114	926	325	557	1,195	156	115	142
Mont	958	465	311	1,029	54	126	-	399	450	118	94	20
Nebr	3,485	1,195	1,192	3,324	93	535	470	1,069	1,157	112	427	134
Nev	182	17	132	184	16	17	-	17	134	31	18	15
N.H	506	159	103	517	10	13	221	160	113	9	15	19
N.J	1,517	549	380	1,591	21	323	245	548	454	15	146	77
N. Mex	313	88	100	319	33	96	-	89	101	71	-	6
N.Y	3,309	740	964	3,249	57	615	928	726	923	1	841	-
N.C	874	-	302	905	100	484	-	-	321	146	-	112
N. Dak	2,707	346	587	2,795	53	365	1,360	325	692	82	279	37
Ohio	3,285	631	312	3,393	88	941	1,318	669	377	97	22	54
Okla	1,675	625	406	2,212	77	581	-	638	916	107	6	134
Oreg	1,447	375	797	1,454	36	241	-	352	825	193	248	24
Pa	5,246	581	2,035	5,198	66	1,019	1,549	514	2,050	3	1	92
R.I	120	3	78	122	-	8	31	3	80	4	36	27
S.C	585	93	182	645	46	265	-	92	242	45	59	46
S. Dak	1,727	194	148	1,767	64	312	996	196	199	107	16	39
Tenn	905	14	471	913	94	335	-	15	469	129	-	103
Tex	3,883	1,138	1,425	4,180	254	1,121	-	1,124	1,681	391	18	396
Utah	492	40	207	504	29	224	-	40	211	72	5	9
Vt	647	272	67	664	14	57	237	273	83	14	14	8
Va	389	-	65	407	95	229	-	-	83	42	-	-
Wash	1,666	302	1,060	1,734	39	265	-	300	1,130	157	414	42
W. Va	595	55	258	633	55	231	-	55	292	15	-	38
Wis	2,518	410	190	2,592	72	580	1,269	408	263	154	-	100
Wyo	385	55	217	395	23	91	-	56	225	113	45	-

- Represents zero. [1] Includes other types of governments not shown separately. [2] Includes "town" governments in the 6 New England States and in Minnesota, New York, and Wisconsin.

Source: U.S. Bureau of the Census, *Census of Governments: 1977* and *1982*, vol. 1, No. 1, *Governmental Organization*.

No. 477. County, Municipal, and Township Governments, 1982, and Their Estimated Population, 1980, by Population-Size Groups

[Number of governments as of **January 1982**; population as of **April 1980**. Township governments include "towns" in the 6 New England States, Minnesota, New York, and Wisconsin]

Population-size group	County governments			Municipal governments			Township governments		
	Number, 1982	Population, 1980		Number, 1982	Population, 1980		Number, 1982	Population, 1980	
		Number (1,000)	Percent		Number (1,000)	Percent		Number (1,000)	Percent
Total	**3,041**	**203,754**	**100.0**	**19,076**	**141,036**	**100.0**	**16,734**	**50,751**	**100.0**
250,000 or more	156	102,551	50.3	57	41,311	29.3	30	5,460	10.8
100,000–249,999	218	33,325	16.4	112	16,305	11.6			
50,000–99,999	374	26,234	12.9	250	17,310	12.3	73	4,969	9.8
25,000–49,999	611	21,516	10.6	525	18,316	13.0	214	7,270	14.3
10,000–24,999	957	15,856	7.8	1,253	19,666	13.9	702	10,802	21.3
5,000–9,999	725	4,273	2.1	1,515	10,721	7.6	962	6,705	13.2
2,500–4,999				2,078	7,352	5.2	1,724	6,054	11.9
1,000–2,499				3,772	6,043	4.3	3,764	6,036	11.9
Less than 1,000				9,514	4,010	2.8	9,265	3,455	6.8

Source: U.S. Bureau of the Census, *Census of Governments: 1982*, vol. 1, No. 1, *Governmental Organization*.

No. 478. County Governments—Summary of Finances, 1975 to 1981, and Per Capita, by Population-Size Group, 1981

[Per capita based on population as of **April 1, 1980**. Covers fiscal years ending between **July 1** of preceding year and **June 30** of year stated. Represents all counties and their dependent agencies (including dependent school systems where applicable.)]

Item	All counties (mil. dol.)					Per capita (dollars), 1981					
						All counties		Counties with 1980 population (in 1,000) of—			
	1975	1978	1979	1980	1981	Total (3,044) [1]	Percent distribution	Less than 100 [2] (2,670) [1]	100–199.9 (182) [1]	200–299.9 (72) [1]	300 or more (120) [1]
General revenue	**32,893**	**46,048**	**50,197**	**54,573**	**60,583**	**297.38**	**100.0**	**274.80**	**255.73**	**266.39**	**331.26**
Intergovernmental revenue [3]	14,755	20,879	23,891	24,746	26,788	131.49	44.2	115.85	111.83	123.38	149.87
From State govt	11,842	15,388	18,097	18,969	21,168	103.91	34.9	92.16	84.19	97.57	119.11
From Federal govt	2,385	4,825	4,941	4,948	4,712	23.13	7.8	19.73	24.59	21.91	25.46
General revenue sharing	1,595	1,721	1,735	1,746	1,696	8.32	2.8	10.08	7.21	7.14	7.58
Tax revenue [3]	12,660	17,435	16,958	18,813	20,667	101.45	34.1	86.80	89.14	78.33	120.00
Property	10,316	14,017	13,067	14,300	15,798	77.55	26.1	67.55	68.15	62.05	90.42
Charges and misc	5,478	7,735	9,348	11,014	13,128	64.44	21.7	72.15	54.77	64.67	61.38
General expenditure	**32,744**	**44,762**	**49,160**	**54,291**	**59,915**	**294.10**	**100.0**	**273.09**	**254.78**	**269.18**	**325.02**
Capital outlay	4,850	5,078	5,818	6,505	6,642	32.60	11.1	30.97	26.14	29.44	36.17
Other	27,894	39,684	43,342	47,786	53,273	261.50	88.9	242.14	228.65	239.69	288.85
Public welfare	6,169	8,212	8,009	8,591	9,746	47.84	16.3	26.27	38.17	54.47	64.99
Education	5,643	6,963	7,568	8,412	9,201	45.16	15.4	59.94	49.30	27.99	36.54
Highways	3,458	4,035	4,671	5,227	5,634	27.66	9.4	43.54	25.19	21.80	17.83
Hospitals	3,337	4,754	5,221	5,975	6,473	31.77	10.8	35.74	18.29	26.43	33.57
General control	1,986	2,895	3,121	3,374	3,746	18.39	6.3	15.56	16.47	18.12	21.03
Police protection	1,450	2,150	2,396	2,661	3,093	15.18	5.2	12.94	14.37	12.82	17.50
Financial administration	883	1,235	1,343	1,521	1,679	8.24	2.8	8.55	7.92	7.97	8.16
General public buildings	824	970	1,059	1,072	1,128	5.54	1.9	6.11	6.06	5.30	5.02
Health	1,428	2,227	2,506	2,806	3,182	15.62	5.3	11.43	14.10	18.12	18.62
Correction	980	1,433	1,548	1,759	2,031	9.97	3.4	5.01	7.60	10.20	14.20
Natural resources	510	574	594	687	721	3.54	1.2	3.17	2.18	1.90	4.50
Parks and recreation	741	941	984	1,094	1,216	5.97	2.0	2.61	4.00	4.18	9.31
Interest on general debt	795	1,122	1,275	1,542	1,896	9.31	3.2	9.06	7.64	9.98	9.81
Other and unallocable	4,541	7,251	8,867	9,570	10,170	49.92	17.0	33.13	43.52	49.95	63.95
Debt outstanding, end of year	**18,935**	**24,938**	**27,952**	**32,993**	**38,021**	**186.63**	**100.0**	**176.39**	**176.14**	**193.74**	**195.61**
Long-term	17,617	23,876	26,864	31,543	36,022	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Short-term	1,318	1,063	1,088	1,450	1,999	(NA)	(NA)	(NA)	(NA)	NA)	(NA)

NA Not available. [1] Figures in parentheses represent number of counties in each size group.
[2] Data are estimates subject to sampling variation; see Appendix III and source.
[3] Includes other intergovernmental revenue not shown separately.

Source: U.S. Bureau of the Census, *County Government Finances*, series GF, No. 8, annual.

No. 479. Gross Assessed Value of Property and Government Revenue From Property Taxes: 1966 to 1981

[In billions of dollars, except percent. Minus sign (–) indicates decrease]

ITEM	1966	1971	1973	1975	1976	1978	1979	1980	1981
Gross assessed value of property	**499.0**	**717.8**	**872.6**	**1,096.3**	**1,229.1**	**1,502.2**	[1] **1,678.8**	(NA)	(NA)
State assessed	41.6	53.5	59.4	74.8	84.8	102.2	113.5	(NA)	(NA)
Locally assessed	457.4	664.2	813.2	1,021.5	1,144.3	1,400.0	1,565.3	(NA)	(NA)
Real property	393.2	573.9	704.6	881.6	992.5	1,211.2	1,358.5	(NA)	(NA)
Percent of locally assessed	86.0	86.4	86.6	86.3	86.4	86.5	86.8	(NA)	(NA)
Net assessed value of locally taxable property [2]	484.1	694.6	845.0	1,062.9	1,189.4	1,438.4	1,607.3	(NA)	(NA)
Percent of gross assessed	97.0	96.8	96.8	97.0	96.8	95.8	95.7	(NA)	(NA)
REVENUE FROM PROPERTY TAXES									
Total revenue, State and local	**24.7**	**37.9**	**45.3**	**51.5**	**57.0**	**66.4**	**64.9**	**68.5**	**75.0**
Percent of general revenue	29.7	26.1	23.8	22.6	22.3	21.0	18.9	17.9	17.7
Percent of tax revenue	43.6	39.9	37.4	36.4	36.3	34.3	31.6	30.7	30.7
Revenue, State governments	.8	1.1	1.3	1.5	2.1	2.4	2.5	2.9	2.9
Percent of all revenue	1.5	1.1	1.0	.9	1.1	1.1	1.0	1.0	.9
Percent of tax revenue	2.8	2.2	1.9	1.8	2.4	2.1	2.0	2.1	2.0
Revenue, local governments	23.8	36.7	44.0	50.0	54.9	64.1	62.5	65.6	72.0
Annual average percent change from prior year shown	[3] 9.3	9.0	7.6	6.6	9.7	8.1	–2.6	5.1	9.8
Percent of all revenue	40.2	36.4	34.1	32.2	30.8	29.9	26.6	25.4	25.0
Percent of tax revenue	87.1	84.6	82.9	81.6	81.2	80.0	77.5	75.9	76.0

NA Not available. [1] Includes 1978 value data for Ill., Ind., Mich., Minn., Miss., Nev., N.J., N.Y., N.C., Pa., R.I., S.C., and W. Va. [2] Value subject to local general property taxation, including State-assessed property, after deduction of partial exemptions. [3] Change from 1965.

Source: U.S. Bureau of the Census, *Census of Governments: 1967 and 1977*, vol. 2; *Property Values Subject to Local General Property Taxation in the United States: 1973, 1975, 1978, and 1979*, series GSS Nos. 69, 80, 92, and 98; and *Governmental Finances*, series GF, No. 5, annual.

No. 480. Local Government General Revenue, by Source: 1981

[In millions of dollars. For fiscal year; see text, p. 269. Local government estimates subject to sampling variability, see Appendix III and source. For composition of regions, see fig. I, inside front cover]

STATE	Total	INTERGOVERNMENTAL		FROM OWN SOURCES	
		Federal	State	Total	Taxes
U.S.	**257,179**	**22,427**	**89,017**	**145,736**	**94,776**
Regions:					
Northeast	65,237	4,618	21,390	39,228	29,917
North Central	64,189	5,930	20,697	37,561	24,688
South	69,386	7,384	22,319	39,685	23,338
West	58,371	4,499	24,613	29,264	16,840
N. Eng	**12,217**	**1,207**	**3,145**	**7,865**	**6,536**
Maine	813	75	252	487	388
N.H	735	68	122	544	463
Vt	358	34	75	249	211
Mass	6,791	781	1,878	4,132	3,396
R.I	760	78	201	481	427
Conn	2,760	171	617	1,972	1,651
Mid. Atl	**53,020**	**3,411**	**18,245**	**31,363**	**23,381**
N.Y	32,451	1,831	11,201	19,419	14,700
N.J	8,978	511	3,245	5,221	4,021
Pa	11,591	1,069	3,799	6,723	4,660
E. No. Cent	**45,905**	**4,442**	**14,656**	**26,808**	**18,173**
Ohio	10,860	1,017	3,597	6,247	4,164
Ind	5,007	398	1,920	2,688	1,731
Ill	13,062	1,492	3,455	8,115	5,983
Mich	11,158	1,166	3,135	6,857	4,505
Wis	5,818	369	2,549	2,901	1,770
W. No. Cent	**18,284**	**1,488**	**6,041**	**10,753**	**6,515**
Minn	5,499	398	2,391	2,709	1,394
Iowa	3,202	197	1,132	1,873	1,193
Mo	4,280	505	1,157	2,617	1,741
N. Dak	626	46	232	349	193
S. Dak	591	63	137	390	289
Nebr	1,690	120	375	1,195	725
Kans	2,396	159	617	1,620	980
So. Atl	**36,282**	**4,576**	**11,354**	**20,354**	**12,174**
Del	509	78	202	230	118
So. Atl.—Con.					
Md	4,969	550	1,583	2,837	2,012
D.C	2,447	1,137	(x)	1,311	1,131
Va	4,675	431	1,507	2,737	2,030
W. Va	1,451	137	598	716	362
N.C	4,648	459	1,960	2,230	1,307
S.C	2,123	188	797	1,137	597
Ga	5,313	556	1,409	3,347	1,646
Fla	10,147	1,040	3,298	5,809	2,971
E. So. Cent	**11,240**	**1,052**	**4,145**	**6,043**	**3,167**
Ky	2,424	266	1,108	1,050	608
Tenn	3,811	366	1,012	2,433	1,436
Ala	2,960	258	1,078	1,624	727
Miss	2,045	162	947	936	396
W. So. Cent	**21,864**	**1,756**	**6,820**	**13,288**	**7,992**
Ark	1,563	133	633	798	362
La	4,106	395	1,466	2,245	1,311
Okla	2,556	225	928	1,403	822
Tex	13,639	1,003	3,793	8,842	5,497
Mt	**12,710**	**940**	**4,383**	**7,391**	**4,542**
Mont	817	67	195	554	401
Idaho	769	65	296	409	227
Wyo	958	43	254	662	331
Colo	3,491	208	1,023	2,261	1,514
N. Mex	1,230	136	624	470	254
Ariz	3,105	297	1,203	1,605	985
Utah	1,301	81	483	738	483
Nev	1,039	43	305	692	367
Pac	**45,661**	**3,559**	**20,230**	**21,873**	**12,298**
Wash	4,808	363	1,944	2,501	1,161
Oreg	3,230	332	893	2,005	1,305
Calif	36,067	2,699	16,920	16,449	9,324
Alaska	1,092	71	437	584	252
Hawaii	464	94	36	334	256

X Not applicable.

Source: U.S. Bureau of the Census, *Governmental Finances in 1980–81*, series GF81, No. 5.

No. 481. City Governments—Summary of Finances: 1970 to 1981

[**In millions of dollars, except percent.** Represents all *municipalities* (see table 476) and their *dependent agencies* (including dependent school systems where applicable); excludes other local governments overlying city areas. See text, p. 270. Includes *sample-based estimates* for cities of less than 50,000; thus subject to sampling variation. See Appendix III and source]

ITEM	1970	1975	1978	1979	1980	1981	PERCENT OF TOTAL	
							1970	1981
Revenue	**32,704**	**59,744**	**80,125**	**86,864**	**94,862**	**105,431**	**100.0**	**100.0**
General revenue	26,621	49,853	65,486	70,328	76,056	83,247	81.4	79.0
Intergovernmental revenue	7,906	19,648	25,833	27,598	28,270	29,841	24.2	28.3
From State governments only	6,173	13,053	14,482	15,472	15,939	16,998	18.9	16.1
Taxes	13,647	21,135	27,830	28,762	31,256	34,104	41.7	32.3
Property	9,127	13,046	16,293	16,063	16,859	18,278	27.9	17.3
Percent of total taxes	66.9	61.7	58.5	55.8	53.9	53.6	(X)	(X)
Sales and gross receipts	2,422	4,555	6,508	7,296	8,208	8,956	7.4	8.5
General	1,479	2,789	3,996	4,483	5,096	5,648	4.5	5.4
Selective	943	1,766	2,512	2,813	3,112	3,309	2.9	3.1
Income, licenses and other	2,098	3,534	5,029	5,403	6,189	6,869	6.4	6.5
Charges and miscellaneous	5,066	9,071	11,824	13,968	16,530	19,302	15.5	18.3
Current charges only	3,113	5,443	7,685	8,787	9,875	11,200	9.5	10.6
Utility and liquor store revenue	5,166	8,409	12,501	13,953	15,719	18,411	15.8	17.5
Water system	2,201	3,266	4,293	4,683	4,989	5,638	6.7	5.3
Electric power system	1,883	3,682	6,283	7,131	8,007	9,459	5.8	9.0
Gas supply system	292	448	741	900	1,444	1,797	.9	1.7
Transit system	671	821	970	1,015	1,092	1,246	2.1	1.2
Liquor stores	121	192	214	224	247	271	.4	.3
Insurance trust revenue	915	1,482	2,136	2,584	3,088	3,772	2.8	3.6
Expenditure	**34,173**	**60,703**	**77,283**	**83,594**	**93,699**	**104,470**	**100.0**	**100.0**
General expenditure [1]	27,682	48,935	60,964	65,597	72,433	79,435	81.0	76.0
Police protection	2,994	5,420	6,991	7,460	8,200	8,959	8.8	8.6
Fire protection	1,762	2,968	3,855	4,083	4,535	4,973	5.2	4.8
Highways	2,499	3,861	4,740	5,286	5,977	6,745	7.3	6.5
Sewerage and other sanitation	2,553	5,229	6,251	6,969	7,907	9,159	7.5	8.8
Public welfare	2,215	3,846	4,357	3,817	3,801	4,051	6.5	3.9
Education	4,548	7,164	7,973	8,499	9,284	9,925	13.3	9.5
Libraries	407	632	732	778	883	956	1.2	.9
Health and hospitals	1,944	3,641	3,618	3,933	4,457	4,626	5.7	4.4
Parks and recreation	1,306	2,274	2,798	3,150	3,433	3,742	3.8	3.6
Housing and urban renewal	1,154	1,752	2,084	2,580	3,459	4,148	3.4	4.0
Airports	435	615	772	922	1,100	1,245	1.3	1.2
Financial administration	457	819	1,399	1,662	1,843	1,932	1.3	1.8
General control	776	1,440	1,738	1,853	2,015	2,262	2.3	2.2
General public buildings	430	845	914	984	1,090	1,165	1.3	1.1
Interest on general debt	1,098	2,294	2,869	2,819	3,054	3,646	3.2	3.5
Other and unallocable	3,104	6,135	9,873	10,872	11,395	11,901	9.1	11.4
Utility and liquor store expenditure	5,489	9,896	13,912	15,329	18,274	21,586	16.1	20.7
Water system	2,337	3,776	4,921	5,247	5,933	6,894	6.8	6.6
Electric power system	1,811	3,779	6,402	7,154	8,596	10,148	5.3	9.7
Gas supply system	260	407	653	822	1,334	1,770	.8	1.7
Transit system	974	1,765	1,746	1,905	2,189	2,527	2.9	2.4
Liquor stores	107	169	190	201	222	247	.3	.2
Insurance trust expenditure	1,002	1,872	2,408	2,666	2,993	3,449	2.9	3.3
By character and object:								
Direct expenditure	33,792	59,989	75,353	81,822	91,692	102,403	98.0	98.0
Current operation	22,895	41,451	55,371	60,289	66,687	73,793	67.0	70.6
Capital outlay	7,103	12,054	12,145	13,472	16,285	16,580	20.8	17.8
Construction and equipment [2]	6,371	11,216	9,944	11,079	13,341	15,173	18.6	14.5
Land and existing structures [2]	733	838	2,201	2,393	2,944	3,407	2.1	3.3
Assistance payments	1,245	1,594	1,584	1,534	1,546	1,604	3.6	1.5
Interest on debt	1,547	3,018	3,846	3,861	4,182	4,976	4.5	4.8
Insurance benefits, repayments	1,002	1,872	2,408	2,666	2,992	3,449	2.9	3.3
Intergovernmental expenditure	381	714	1,930	1,772	2,007	2,068	1.1	2.0
Total salaries and wages [3]	14,784	24,635	29,606	31,667	34,709	37,206	43.4	35.6
Debt outstanding, year end	**43,773**	**65,239**	**78,167**	**78,075**	**86,019**	**91,302**	**100.0**	**100.0**
Long-term	38,970	55,789	74,993	74,953	82,346	87,086	89.8	95.4
Full faith and credit	22,005	31,886	40,828	39,020	39,570	37,791	50.3	41.4
Nonguaranteed	16,963	23,903	34,155	35,933	42,776	49,295	38.5	54.0
Short-term	4,903	9,450	3,184	3,122	3,673	4,216	11.2	4.6
Net long-term debt outstanding	36,087	51,437	67,023	67,682	72,528	76,331	82.4	83.6
Long-term debt issued	3,810	5,754	11,302	10,257	12,582	11,005	(X)	(X)
Long-term debt retired	2,310	3,656	4,865	10,858	5,541	5,651	(X)	(X)

X Not applicable. [1] Includes intergovernmental expenditure. [2] Beginning 1978, equipment included with land and existing structures. [3] Included in items shown above.

Source: U.S. Bureau of the Census, *City Government Finances*, series GF No. 4, annual.

No. 482. City Governments—Finances, by Population-Size Groups: 1981

[Represents all municipalities (see table 476) and their dependent agencies, including dependent school systems where applicable]

ITEM	All cities	Cities having a 1980 population of—						
		Less than 50,000 [1]	50,000 to 99,999	100,000 to 199,999	200,000 to 299,999	300,000 to 499,999	500,000 to 999,999	1,000,000 or more
Number of cities, 1980	18,983	18,565	248	97	23	26	17	6
Population, 1980 (1,000)	140,958	66,103	17,238	13,039	5,475	9,958	11,616	17,529
FINANCES, 1981 (mil. dol.)								
General revenue [2]	**83,247**	**22,444**	**8,344**	**7,723**	**3,474**	**6,982**	**10,440**	**23,839**
Intergovernmental [2]	29,841	6,643	2,663	2,829	1,299	2,575	4,280	9,551
From State governments	16,998	3,383	1,555	1,522	645	1,142	1,977	6,774
From Federal government	11,283	2,568	976	1,113	572	1,287	2,128	2,639
Revenue sharing	2,473	899	270	220	113	207	245	519
Taxes [2]	34,104	8,960	3,561	2,999	1,341	2,557	4,083	10,603
Property	18,278	5,445	2,395	1,994	637	1,156	2,078	4,573
Percent of total taxes	53.6	60.8	67.3	66.5	47.5	45.2	50.9	43.1
Sales and gross receipts	8,956	2,294	826	737	416	873	1,046	2,764
Current charges	11,200	3,850	1,205	1,141	473	982	1,264	2,285
Water supply and other utility	18,140	7,929	1,537	1,769	591	1,178	1,919	3,217
General expenditure [2]	**79,435**	**22,477**	**8,305**	**7,585**	**3,523**	**6,744**	**9,658**	**21,142**
Education	9,925	1,613	1,141	1,313	525	535	1,209	3,589
Highways	6,745	3,039	805	671	253	498	733	746
Public welfare	4,051	103	56	104	68	107	551	3,062
Health and hospitals	4,626	1,138	356	307	126	349	711	1,639
Police and fire protection	13,932	4,612	1,685	1,437	633	1,261	1,505	2,799
Sewerage and sanitation	9,159	3,481	965	809	377	734	1,047	1,746
Housing and urban renewal	4,148	636	464	369	217	398	501	1,563
Interest on general debt	3,646	1,100	353	338	191	361	447	856
Water supply and other utility	21,339	8,920	1,797	2,157	773	1,475	2,298	3,921
Gross debt outstanding	**91,302**	**31,433**	**9,028**	**8,412**	**4,884**	**9,205**	**10,238**	**18,102**
Long-term	87,086	30,102	8,555	8,015	4,590	8,916	9,730	17,178
Short-term	4,216	1,331	473	397	294	289	508	924
PERCENT DISTRIBUTION								
General revenue [2]	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Intergovernmental	35.8	29.6	31.9	36.6	37.4	36.9	41.0	40.1
Taxes [2]	41.0	39.9	42.7	38.8	38.6	36.6	39.1	44.5
Property	22.0	24.3	28.7	25.8	18.3	16.6	19.9	19.2
Sales and gross receipts	10.8	10.2	9.9	9.5	12.0	12.5	10.0	11.6
Current charges	13.5	17.2	14.4	14.8	13.6	14.1	12.1	9.6
General expenditure [2]	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Education	12.5	7.2	13.7	17.3	14.9	7.9	12.5	17.0
Highways	8.5	13.5	9.7	8.8	7.2	7.4	7.6	3.5
Public welfare	5.1	.5	.7	1.4	1.9	1.6	5.7	14.5
Health and hospitals	5.8	5.1	4.3	4.0	3.6	5.2	7.4	7.8
Police and fire protection	17.6	20.5	20.3	18.9	18.0	18.7	15.6	13.2
Sewerage and sanitation	11.5	15.5	11.6	10.7	10.7	10.9	10.8	8.3
Housing and urban renewal	5.2	2.8	5.6	4.9	6.2	5.9	5.2	7.4
Interest on general debt	4.6	4.9	4.3	4.5	5.4	5.4	4.6	4.0
PER CAPITA [3] (dollars)								
General revenue [2]	**591**	**340**	**484**	**592**	**635**	**701**	**899**	**1,360**
Intergovernmental [2]	212	100	154	217	237	259	368	545
From State governments	121	51	90	117	118	115	170	386
From Federal government	80	39	57	85	104	129	183	151
Revenue sharing	18	14	16	17	21	21	21	30
Taxes [2]	242	136	207	230	245	257	352	605
Property	130	82	139	153	116	116	179	261
Sales and gross receipts	64	35	48	57	76	88	90	158
Current charges	79	58	70	88	86	99	109	130
Water supply and other utility	129	120	89	136	108	118	165	184
General expenditure [2]	**564**	**340**	**482**	**582**	**643**	**677**	**831**	**1,206**
Education	70	24	66	101	96	54	104	205
Highways	48	46	47	51	46	50	63	43
Public welfare	29	2	3	8	12	11	47	175
Health and hospitals	33	17	21	24	23	35	61	94
Police and fire protection	99	70	98	110	115	127	130	160
Sewerage and sanitation	65	53	56	62	69	74	90	100
Housing and urban renewal	29	10	27	28	40	40	43	89
Interest on general debt	26	17	20	26	35	36	38	49
Water supply and other utility	151	135	104	166	142	148	198	224
Gross debt outstanding	**648**	**476**	**524**	**645**	**892**	**924**	**881**	**1,033**
Long-term	618	455	496	615	838	895	838	980
Short-term	30	20	27	30	54	29	44	53

[1] Data are estimates subject to sampling variation, see source and Appendix III. [2] Includes items not shown separately.
[3] Based on resident population enumerated as of April 1, 1980.

Source: U.S. Bureau of the Census, *City Government Finances in 1980-81*, series GF81, No. 4.

No. 483. City Governments—Per Capita Amounts For Selected Financial Items for Largest Cities: 1970 to 1981

[*Cities ranked by size* of population enumerated as of April 1, 1980, except Honolulu ranked by county population. General expenditure, taxes, and indebtedness data reflect inclusion of fiscal activity of dependent school systems, where applicable. Intercity comparisons should be made with caution due to variations in responsibilities among urban areas; *for details*, see text, p. 270, and source. 1970 and 1981 data based on resident population enumerated as of April 1, 1970 and 1980, *respectively*; 1975 data based on resident population estimated as of July 1, 1976]

CITIES RANKED BY POPULATION SIZE, 1980	Population, 1980 [1] (1,000)	GENERAL EXPENDITURE			TAXES			GROSS DEBT OUTSTANDING		
		1970	1975	1981	1970	1975	1981	1970	1975	1981
New York, N.Y.[2]	7,071	$838	$1,522	$2,036	$383	$635	$1,053	$1,101	$1,935	$1,400
Chicago, Ill.	3,005	205	310	610	113	188	263	326	411	399
Los Angeles, *Calif.*	2,967	169	306	451	110	175	255	483	837	964
Philadelphia, Pa.[2]	1,688	299	499	966	183	242	500	556	701	1,102
Houston, Tex.	1,594	112	224	481	82	137	253	365	495	881
Detroit, Mich.	1,203	234	449	976	148	*208*	300	438	550	732
Dallas, Tex.	904	159	301	501	106	176	260	348	587	693
San Diego, *Calif.*	876	137	233	371	63	100	155	176	188	151
Phoenix, Ariz.	790	130	312	524	72	106	156	295	497	703
Baltimore, Md.[2]	787	639	1,045	1,462	222	303	*442*	649	*644*	*912*
San Antonio, Tex.	785	88	167	352	50	67	107	290	485	1,479
Honolulu, Hawaii[2]	763	204	322	412	134	178	277	367	304	280
Indianapolis, Ind.[2]	701	127	325	862	67	121	180	205	368	444
San Francisco, Calif.[2]	679	603	853	1,400	300	388	551	575	732	1,305
Memphis, Tenn.	646	294	483	779	75	110	166	588	629	898
Washington, D.C.[2]	638	1,011	1,960	3,142	517	*741*	1,773	621	1,571	2,676
Milwaukee, *Wis.*	636	219	289	532	93	116	125	344	364	579
San Jose, Calif.	629	156	229	381	66	105	184	235	269	256
Cleveland, Ohio	574	198	362	635	127	134	273	454	597	709
Columbus, Ohio	565	192	261	576	58	116	176	451	549	1,124
Boston, Mass.[2]	563	554	1,088	1,554	*349*	532	881	465	846	1,023
New Orleans, La.[2]	557	182	344	696	102	145	280	387	456	951
Jacksonville, Fla.[2]	541	135	381	571	74	99	165	456	1,027	1,261
Seattle, Wash.	494	209	390	699	75	*155*	265	537	943	986
Denver, Colo.[2]	491	306	581	924	136	230	407	532	720	873
Nashville-Davidson, Tenn.[2]	456	360	606	864	171	290	465	718	940	1,489
St. Louis, Mo.[2]	453	225	382	693	162	251	434	254	304	329
Kansas City, Mo	448	245	396	689	111	210	403	570	695	564
El Paso, Tex.	425	92	144	310	*59*	82	123	218	197	141
Atlanta, Ga	*425*	236	422	973	92	162	288	538	1,237	2,369
Pittsburgh, Pa.	424	192	251	566	119	132	289	278	287	528
Oklahoma City, Okla	403	232	364	570	122	164	257	251	438	978
Cincinnati, Ohio	385	502	856	792	114	208	335	*606*	647	455
Fort Worth, Tex	*385*	123	212	430	72	116	181	296	492	593
Minneapolis, Minn.	371	178	407	655	92	144	190	183	424	1,315
Portland, Oreg.	366	196	292	619	95	124	242	162	120	951
Long Beach, Calif.	361	260	412	863	81	142	202	*82*	357	518
Tulsa, Okla.	361	125	309	465	54	118	*234*	*453*	784	1,401
Buffalo, N.Y.	358	367	726	1,171	143	224	273	519	711	693
Toledo, Ohio	355	171	291	522	77	104	170	193	305	459
Miami, Fla.	347	135	231	425	105	143	261	268	300	590
Baton Rouge, La.[2]	346	146	264	542	87	148	254	413	833	1,605
Austin, Tex.	345	169	324	572	61	97	176	661	699	2,717
Oakland, Calif.	*339*	*232*	364	732	122	164	235	251	438	1,074
Albuquerque, N. Mex	332	181	287	533	85	64	139	399	371	1,287
Tucson, Ariz.	331	149	329	438	66	115	*190*	271	647	478
Newark, N.J.	329	451	854	1,252	281	314	289	317	422	479
Charlotte N.C	*314*	156	318	469	78	133	194	336	546	761
Omaha, Nebr.	312	116	359	458	65	119	233	145	310	449
Louisville, Ky.	298	331	429	579	95	139	248	667	932	844
Birmingham, Ala.	284	136	336	354	69	*150*	260	397	871	1,065
Wichita, Kans.	279	*222*	377	1,008	71	93	164	679	833	2,403
Sacramento, *Calif.*	276	208	272	482	101	132	208	379	401	270
Tampa, Fla.	272	139	313	536	91	114	207	341	438	623
St. Paul, Minn.	270	214	345	697	83	127	159	449	718	2,013
Norfolk, Va.[2]	267	*411*	672	897	*140*	*252*	379	537	739	630
Virginia Beach, Va.[2]	262	284	566	827	123	223	336	321	405	678
Rochester, N.Y.	242	531	688	1,316	169	292	439	425	964	1,005
Akron, Ohio	237	200	267	540	77	130	198	280	552	463
St. Petersburg, Fla.	237	120	224	408	86	95	136	235	233	849
Corpus Christi, Tex.	232	91	156	277	63	88	150	201	309	381
Jersey City, N.J.	224	339	602	1,271	182	270	269	325	505	531
Anaheim, Calif.	222	142	235	516	70	110	184	169	310	931
Richmond, Va.[2]	219	530	897	1,293	210	393	621	787	1,303	1,618

[1] Based on *1980 Census of Population and Housing, Advance Reports*, Series PHC 80-V-2 to 52.
[2] Represents, in effect, city-county consolidated government.

Source: U.S. Bureau of the Census, *City Government Finances*, series GF No. 4, annual.

No. 484. City Governments—Finances,

[In millions of dollars. For fiscal year closed

CITIES RANKED BY POPULATION SIZE, 1980 [1]	REVENUE								Gross debt outstanding
		General revenue						Utility revenue	
	Total [2]	Total [3]	Intergovernmental revenue		Taxes				
			From State and local govts.	From Federal Government	Total [3]	Property	Sales and gross receipts		
New York, N.Y.[4]	17,939	16,763	5,887.3	1,160.8	7,446.1	3,344.2	1,858.0	1,175.7	9,898
Chicago, Ill	1,874	1,764	236.3	472.5	791.6	344.7	352.2	109.8	1,200
Los Angeles, Calif	2,928	1,695	155.8	268.5	756.0	277.7	331.5	1,233.4	2,859
Philadelphia, Pa.[4]	2,038	1,565	307.2	174.0	844.3	202.1	7.8	473.1	1,860
Houston, Tex	872	753	17.7	106.5	403.7	223.7	171.4	119.1	1,404
Detroit, Mich	1,404	1,298	307.6	456.6	360.8	180.3	43.4	106.0	881
Dallas, Tex	476	407	8.0	53.6	235.4	129.6	101.3	69.7	627
San Diego, Calif	448	391	60.1	61.8	135.7	44.5	81.1	57.2	132
Phoenix, Ariz	450	407	89.9	79.7	123.1	41.1	75.9	42.8	555
Baltimore, Md.[4]	1,351	1,321	614.4	219.7	347.7	223.6	33.3	30.3	718
San Antonio, Tex	714	275	9.6	87.5	83.9	45.3	35.9	439.2	1,162
Honolulu, Hawaii[4]	427	373	17.4	88.4	211.2	166.3	24.4	54.1	199
Indiannapolis, Ind.[4]	463	457	115.5	125.1	126.4	120.5	2.8	6.2	311
San Francisco, Calif.[4]	1,345	1,225	336.7	175.1	374.4	161.2	111.5	119.3	886
Memphis, Tenn	1,016	511	236.5	61.4	120.3	85.6	20.5	504.3	580
Washington, D.C.[4]	2,076	2,049	15.3	750.9	1,130.8	280.8	390.3	27.1	1,706
Milwaukee, Wis	382	361	154.0	38.6	79.4	74.9	1.4	20.8	368
San Jose, Calif	281	279	44.8	21.6	116.8	31.4	58.1	2.3	164
Cleveland, Ohio	459	382	37.5	69.5	156.5	45.7	.8	76.6	407
Columbus, Ohio	317	278	28.2	56.3	99.5	10.6	1.5	38.8	635
Boston, Mass.[4]	1,016	984	271.3	90.3	495.8	490.0	-	30.8	576
New Orleans, La.[4]	457	434	48.1	115.8	156.2	47.3	83.3	22.6	530
Jacksonville, Fla.[4]	682	306	64.7	32.5	89.5	60.0	24.0	376.1	682
Seattle, Wash	481	348	64.0	53.1	130.9	43.4	57.7	132.4	487
Denver, Colo.[4]	581	525	80.5	64.0	200.1	68.0	112.2	55.1	429
Nashville-Davidson, Tenn.[4]	779	468	89.4	61.1	211.9	124.0	70.1	311.1	679
St. Louis, Mo.[4]	457	440	64.9	108.4	196.8	31.9	84.2	16.7	149
Kansas City, Mo	375	351	17.6	70.6	180.6	27.5	77.7	23.9	262
El Paso, Tex	161	143	4.2	43.7	52.3	31.1	19.4	18.5	60
Atlanta, Ga	409	371	42.5	56.4	122.4	65.9	39.5	38.2	1,015
Pittsburgh, Pa	256	242	32.4	62.4	122.5	68.1	9.7	13.8	224
Oklahoma City, Okla	253	233	4.0	58.2	103.7	27.0	74.2	19.6	394
Cincinnati, Ohio	357	332	58.8	71.3	129.0	27.6	1.3	25.0	176
Fort Worth, Tex	177	156	3.4	30.3	69.8	39.2	28.7	21.8	205
Minneapolis, Minn	274	258	80.9	47.4	70.5	56.5	8.6	16.4	488
Portland, Oreg	244	224	16.2	46.2	88.7	64.4	12.5	19.3	348
Long Beach, Calif	441	331	36.3	57.5	73.1	22.1	40.8	110.2	187
Tulsa, Okla	215	195	6.1	24.3	84.3	9.5	72.7	20.1	506
Buffalo, N.Y	440	426	204.5	78.1	97.7	90.7	4.7	14.1	248
Toledo, Ohio	189	176	15.9	60.2	60.3	9.3	.4	12.9	163
Miami, Fla	164	164	26.7	19.7	90.7	58.2	26.8	-	205
Baton Rouge, La.[4]	202	199	18.2	42.5	88.0	23.3	59.0	2.1	555
Austin, Tex	402	181	4.8	33.2	60.9	35.9	23.0	221.8	939
Oakland, Calif	261	261	22.8	55.3	79.8	27.2	36.5	-	365
Albuquerque, N. Mex	200	178	42.6	33.0	46.2	27.6	13.6	21.2	427
Tucson, Ariz	190	158	38.2	35.0	62.9	9.6	50.5	31.4	158
Newark, N.J	424	407	262.6	21.9	95.3	76.0	9.8	17.0	158
Charlotte, N.C	177	162	29.9	28.0	60.9	57.6	-	15.0	239
Omaha, Nebr	145	145	20.5	25.6	72.6	34.2	34.6	-	140
Louisville, Ky	210	179	12.2	65.5	74.1	22.0	4.0	31.8	252
Birmingham, Ala	150	150	9.9	27.3	74.0	14.5	23.5	-	303
Wichita, Kans	195	183	15.0	34.9	45.9	36.0	7.9	12.4	671
Sacramento, Calif	146	138	14.9	16.1	57.3	20.7	28.6	7.9	74
Tampa, Fla	171	156	17.3	28.2	56.1	25.3	26.8	15.4	169
St. Paul, Minn	192	180	46.4	30.6	42.9	26.4	13.9	12.8	544
Norfolk, Va.[4]	284	267	90.0	38.8	101.2	50.2	38.3	16.4	168
Virginia Beach, Va.[4]	215	204	76.0	17.1	88.2	48.5	36.2	10.8	178
Rochester, N.Y	320	306	119.6	45.5	105.0	97.0	.7	13.4	243
Akron, Ohio	139	124	9.2	33.3	47.0	10.3	.1	14.5	110
St. Petersburg, Fla	124	109	11.4	29.1	32.3	16.2	14.1	15.0	154
Corpus Christi, Tex	102	69	2.6	11.3	34.9	20.1	14.1	33.1	88
Jersey City, N.J	269	258	131.2	16.0	60.2	59.4	-	11.5	119
Anaheim, Calif	203	90	11.1	5.1	40.9	12.2	26.0	113.3	207
Richmond, Va.[4]	351	280	77.2	35.4	136.0	79.4	36.9	71.2	355

- Represents zero or rounds to zero. [1] Rates based on *1980 Census of Population and Housing, Advance Reports*, series PHC 80-V-2 to 52. [2] Excludes city-administered employee-retirement systems. [3] Includes categories not shown separately. [4] Represents, in effect, city-county consolidated government.

LARGEST CITIES: 1981

in the 12 months ending June 30, 1981. See headnote, table 483]

EXPENDITURE										
	General expenditure									
Total [2]	Total [3]	Education	Highways	Public welfare	Health and hospitals	Police protection	Fire protection	Housing and urban renewal	Utility expenditure	CITIES RANKED BY POPULATION SIZE, 1980 [1]
16,249	14,399	3,520.4	401.5	2,937.2	1,378.1	761.5	399.4	1,114.1	1,850	New York, N.Y. [4]
1,927	1,832	23.4	83.6	45.3	69.2	377.9	135.2	118.4	95	Chicago, Ill.
2,489	1,339	19.8	91.6	—	1.3	296.6	116.0	59.3	1,150	Los Angeles, Calif.
2,168	1,631	11.9	53.3	79.4	102.0	206.1	66.8	81.3	537	Philadelphia, Pa. [4]
892	767	—	58.3	—	26.2	119.6	84.2	9.3	124	Houston, Tex.
1,339	1,174	13.8	58.1	.1	61.5	176.6	57.6	181.1	165	Detroit, Mich.
566	453	—	53.2	—	7.4	65.7	37.1	4.8	114	Dallas, Tex.
402	325	3.8	23.5	—	3.7	53.1	24.3	40.4	78	San Diego, Calif.
484	414	4.7	47.6	1.1	.7	69.0	31.6	22.4	70	Phoenix, Ariz.
1,173	1,150	335.5	207.6	1.6	92.9	81.6	41.4	16.3	22	Baltimore, Md. [4]
835	276	2.5	28.5	3.7	15.1	37.1	17.6	22.5	558	San Antonio, Tex.
399	314	—	34.3	—	4.8	46.2	21.7	18.7	85	Honolulu, Hawaii. [4]
478	464	6.7	36.6	45.5	85.0	41.0	19.0	11.7	14	Indianapolis, Ind. [4]
1,141	951	18.5	9.2	133.6	138.2	70.9	43.0	36.3	191	San Francisco, Calif. [4]
1,023	503	204.1	25.7	.6	8.5	48.5	37.7	11.8	519	Memphis, Tenn.
2,027	1,972	360.0	77.3	349.8	169.3	115.3	42.5	94.8	56	Washington, D.C. [4]
245	243	—	41.6	—	1.5	36.9	21.6	7.4	3	San Jose, Calif.
364	339	.4	41.2	—	11.5	60.7	27.2	52.2	25	Milwaukee, Wis.
440	364	—	24.6	1.8	10.2	70.8	35.7	24.0	76	Cleveland, Ohio.
420	325	—	20.4	—	9.4	45.0	27.3	12.1	94	Columbus, Ohio.
899	875	272.2	19.1	4.5	91.4	71.0	54.6	51.6	24	Boston, Mass. [4]
419	388	1.1	21.8	3.8	7.8	39.1	20.0	48.3	31	New Orleans, La. [4]
647	309	—	21.0	4.7	54.0	30.7	19.6	25.4	338	Jacksonville, Fla. [4]
506	345	1.8	29.6	—	14.5	39.6	29.0	5.0	161	Seattle, Wash.
574	454	—	27.7	68.1	79.1	44.2	24.5	9.2	120	Denver, Colo. [4]
723	394	141.6	17.7	5.3	37.0	29.0	16.9	.2	329	Nashville-Davidson, Tenn. [4]
419	405	2.7	21.0	3.2	73.5	58.9	18.6	39.2	14	St. Louis, Mo. [4]
334	309	14.1	33.9	.8	20.8	47.2	21.5	17.6	25	Kansas City, Mo.
153	132	—	11.9	—	4.3	21.1	11.1	3.3	22	El Paso, Tex.
453	414	5.6	16.5	1.9	.3	34.0	17.0	21.0	40	Atlanta, Ga.
251	240	—	21.5	—	2.9	34.6	22.5	42.0	11	Pittsburgh, Pa.
260	230	.1	26.0	—	.7	23.0	16.2	8.6	30	Oklahoma City, Okla.
332	305	—	21.3	—	17.7	37.2	28.1	30.3	27	Cincinnati, Ohio.
202	166	—	31.7	—	3.5	21.5	15.8	5.0	37	Fort Worth, Tex.
259	243	—	31.2	—	6.3	24.9	17.2	27.2	16	Minneapolis, Minn.
259	227	—	21.1	—	4.9	31.4	21.2	14.5	32	Portland, Oreg.
436	312	4.3	19.4	—	4.1	40.6	28.7	28.0	124	Long Beach, Calif.
198	168	.1	20.7	—	2.2	16.1	15.1	6.6	30	Tulsa, Okla.
428	419	165.6	13.2	.1	1.1	26.9	22.2	38.3	9	Buffalo, N.Y.
197	187	—	14.1	—	5.7	22.6	17.9	10.2	10	Toledo, Ohio.
147	147	—	10.3	—	—	24.8	21.0	10.5	—	Miami, Fla.
190	187	1.5	9.8	1.6	12.2	20.8	10.1	2.9	3	Baton Rouge, La. [4]
505	198	.3	17.0	—	49.6	21.4	11.2	3.9	307	Austin, Tex.
248	248	1.6	11.0	—	.2	29.6	23.5	30.8	—	Oakland, Calif.
213	177	—	15.1	—	1.9	21.2	13.9	6.3	36	Albuquerque, N. Mex.
187	145	—	11.2	1.8	2.0	25.1	14.0	17.8	42	Tucson, Ariz.
427	412	195.8	6.0	24.0	3.5	37.3	28.7	.7	15	Newark, N.J.
183	147	—	16.1	—	—	17.0	12.6	9.6	36	Charlotte, N.C.
143	143	.2	24.2	—	2.5	18.2	14.0	9.4	—	Omaha, Nebr.
209	173	—	7.2	—	4.8	23.5	13.2	38.3	36	Louisville, Ky.
101	101	.8	7.9	—	1.2	18.2	15.2	2.9	—	Birmingham, Ala.
303	281	.2	24.0	—	5.6	10.0	7.8	—	21	Wichita, Kans.
142	133	—	10.3	—	—	26.8	19.0	—	9	Sacramento, Calif.
166	145	—	6.6	—	.1	21.1	14.0	8.0	20	Tampa, Fla.
203	188	—	10.8	—	4.6	17.7	12.6	25.6	15	St. Paul, Minn.
256	240	85.7	10.6	17.7	12.9	18.0	11.4	13.7	16	Norfolk, Va. [4]
235	217	97.8	18.7	5.6	4.7	14.9	7.3	.5	18	Virginia Beach, Va. [4]
333	318	140.0	14.3	—	—	20.4	16.5	12.4	15	Rochester, N.Y.
142	128	—	18.7	—	4.8	14.9	10.1	22.1	14	Akron, Ohio.
143	97	—	11.7	—	—	15.7	7.5	5.9	46	St. Petersburg, Fla.
103	64	—	5.5	.2	2.4	8.6	6.3	.2	39	Corpus Christi, Tex.
293	284	102.0	3.8	4.9	54.3	23.3	18.5	11.6	9	Jersey City, N.J.
279	114	—	9.0	—	—	18.6	9.8	14.5	165	Anaheim, Calif.
355	283	98.2	17.3	35.1	5.5	17.9	15.6	12.8	71	Richmond, Va. [4]

Source: U.S. Bureau of the Census, *City Government Finances in 1980-81*, series GF81, No. 4.

No. 485. Estimated State and Local Taxes Paid by a Family of Four in Selected Large Cities, by Income Level: 1981

[Preliminary. Data based on average family of four (wage earner, wife or husband, and two children) which owns its own home and lives in city where taxes apply. Comprises State and local sales, income, auto, and real estate taxes]

City	Total tax paid by income level						Percent of income by income level					
	$10,000	$17,000	$25,000	$35,000	$50,000	$75,000	$10,000	$17,000	$25,000	$35,000	$50,000	$75,000
Atlanta	779	1,502	2,343	3,367	4,702	7,093	7.8	8.8	9.4	9.6	9.4	9.5
Baltimore	987	1,839	2,740	3,825	5,263	7,692	9.9	10.8	11.0	10.9	10.5	10.3
Boston	1,557	2,755	3,978	5,481	7,456	10,913	15.6	16.2	15.9	15.7	14.9	14.6
Bridgeport	1,111	1,816	2,486	3,277	4,352	6,265	11.1	10.7	9.9	9.4	8.7	8.4
Burlington	718	1,321	2,028	2,937	4,346	7,219	7.2	7.8	8.1	8.4	8.7	9.6
Charlotte	700	1,288	2,025	2,903	4,128	6,251	7.0	7.6	8.1	8.3	8.3	8.3
Chicago	919	1,690	2,568	3,515	4,824	6,934	9.2	9.9	10.3	10.0	9.6	9.2
Cleveland	883	1,507	2,201	3,083	4,230	6,276	8.8	8.9	8.8	8.8	8.5	8.4
Columbia	637	1,199	1,902	2,771	3,866	5,998	6.4	7.0	7.6	7.9	7.7	8.0
Des Moines	731	1,430	2,249	3,210	4,614	6,735	7.3	8.4	9.0	9.2	9.2	9.0
Detroit	959	1,751	2,623	3,678	5,005	7,456	9.6	10.3	10.5	10.5	10.1	9.9
Honolulu	545	989	2,321	3,413	4,921	7,662	5.4	5.8	9.3	9.8	9.8	10.2
Houston	827	1,316	1,873	2,472	3,273	4,627	8.3	7.7	7.5	7.1	6.6	6.2
Indianapolis	921	1,525	2,157	2,908	3,880	5,761	9.2	9.0	8.6	8.3	7.8	7.7
Los Angeles	615	1,159	1,841	2,751	4,157	7,315	6.2	6.8	7.4	7.9	8.3	9.8
Louisville	726	1,318	1,917	2,627	3,465	4,869	7.3	7.8	7.7	7.5	6.9	6.5
Manchester	831	1,308	1,872	2,512	3,402	4,974	8.3	7.7	7.5	7.2	6.8	6.6
Milwaukee	1,002	1,972	3,059	4,371	6,233	9,364	10.0	11.6	12.2	12.5	12.5	12.5
Minneapolis	578	1,275	2,173	3,631	5,508	8,565	5.8	7.5	8.7	10.4	11.0	11.4
Newark, N.J	1,751	3,003	4,206	5,650	7,716	10,965	17.5	17.7	16.8	16.1	15.4	14.6
New York City	1,036	1,973	3,213	4,886	7,482	11,085	10.4	11.6	12.8	14.0	15.0	14.8
Norfolk	767	1,340	1,996	2,802	3,847	5,712	7.7	7.9	8.0	8.0	7.7	7.6
Philadelphia	1,206	1,979	2,753	3,711	4,916	7,026	12.1	11.6	11.0	10.6	9.8	9.4
Portland, Maine	863	1,519	2,322	3,535	5,177	8,305	8.6	8.9	9.3	10.1	10.4	11.1
Portland, Oreg.	626	1,182	1,950	2,835	4,107	6,849	6.3	7.0	7.8	8.1	8.2	9.1
Providence	1,283	2,289	3,311	4,624	6,490	10,346	12.8	13.5	13.2	13.2	13.0	13.8
Salt Lake City	888	1,557	2,360	3,255	4,338	6,134	8.9	9.2	9.4	9.3	8.7	8.2
St. Louis	785	1,427	2,114	2,936	3,955	5,690	7.8	8.4	8.5	8.4	7.9	7.6
Washington, D.C	808	1,591	2,573	3,827	5,619	8,648	8.1	9.4	10.3	10.9	11.2	11.5
Wilmington	993	1,898	2,925	4,201	6,066	9,688	9.9	11.2	11.7	12.0	12.1	12.9

No. 486. Residential Property Tax Rates in Selected Large Cities: 1981

City	Effective tax rate per $100		Assessment level (percent)	Nominal rate per $100	City	Effective tax rate per $100		Assessment level (percent)	Nominal rate per $100
	Rank	Rate				Rank	Rate		
Newark, N.J	1	5.56	55.0	10.11	New York City	27	1.60	17.9	8.95
Boston	2	4.96	18.2	27.27	Fargo	28	1.33	4.5	29.48
Detroit	3	3.94	50.0	7.88	Salt Lake City	29	1.25	15.8	7.90
Indianapolis	4	3.74	33.3	11.21	Boise City	30	1.23	94.3	1.30
Providence	5	3.52	52.0	6.76	Louisville	31	1.23	90.0	1.37
Wilmington	6	3.34	70.0	4.78	Norfolk	32	1.17	90.0	1.30
Milwaukee	7	2.84	70.8	4.01	Washington, D.C	33	1.14	93.7	1.22
Chicago	8	2.83	[1] 29.7	9.54	Los Angeles	34	1.10	100.0	1.10
Baltimore	9	2.82	45.6	6.18	Little Rock	35	1.09	14.0	7.80
Manchester	10	2.78	36.0	7.74	Oklahoma City	36	1.08	12.0	9.00
Houston	11	2.52	100.0	2.52	Charlotte	37	1.00	54.9	1.82
Portland, Maine	12	2.44	60.0	4.06	Phoenix	38	.98	10.0	9.82
Philadelphia	13	2.43	36.0	6.75	New Orleans	39	.94	10.0	9.36
Des Moines	14	2.34	[2] 64.8	3.60	Charleston, W. Va	40	.93	52.0	1.79
Atlanta	15	2.32	40.0	5.79	Wichita	41	.93	7.8	11.83
Minneapolis	16	2.28	[3] 21.5	10.59	Jackson	42	.86	16.0	5.37
Bridgeport	17	2.25	30.3	7.44	Billings	43	.84	4.0	20.79
Cleveland	18	[4] 2.12	35.0	6.91	Anchorage	44	.83	100.0	.83
St. Louis	19	2.08	33.3	6.25	Las Vegas	45	.83	35.0	2.38
Jacksonville	20	1.96	99.4	1.97	Seattle	46	.78	87.8	.89
Omaha	21	1.95	28.0	6.97	Denver	47	.76	9.0	8.41
Portland, Oregon	22	1.86	81.6	2.28	Columbia	48	.71	1.8	40.55
Sioux Falls	23	1.86	29.2	6.39	Birmingham	49	.69	10.0	6.95
Albuquerque	24	1.83	33.3	5.49	Honolulu	50	.67	44.0	1.52
Memphis	25	1.74	25.0	6.97	Casper	51	.63	7.9	8.00
Burlington	26	1.60	24.0	6.68					

[1] Assessment level of 16.0% × statewide equalization factor. [2] Assessment level of 100% × statewide factor of 64.78%. [3] Statutory assessment levels: 16% first $27,000, 22% next $27,000, and 28% over $54,000. [4] Effective rate=nominal rate × assessment level (35%) statewide 12.5% rollback.

Source of tables 485 and 486: Government of the District of Columbia, Department of Finance and Revenue, *Tax Burdens in Washington, D.C. Compared With Those in The Largest City in Each State, 1981.*

No. 487. Governmental Employment and Payrolls: 1950 to 1982

[For **October.** 1950 excludes Alaska and Hawaii. Covers both full-time and part-time employees. See table 731 for related data. Except for 1977, local government data are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series Y 272-307]

TYPE OF GOVERNMENT	1950 [1]	1955 [1]	1960 [1]	1965	1970	1975	1977	1978	1979	1980	1981	1982
EMPLOYEES (1,000)												
Total	**6,402**	**7,432**	**8,808**	**10,589**	**13,028**	**14,973**	**15,459**	**15,628**	**15,971**	**16,213**	**15,968**	**15,933**
Federal (civilian) [2]	2,117	2,378	2,421	2,588	2,881	2,890	2,848	2,885	2,869	2,898	2,865	2,862
State and local	4,285	5,054	6,387	8,001	10,147	12,084	12,611	12,743	13,102	13,315	13,103	13,071
Percent of total	66.9	68.0	72.5	75.6	77.9	80.7	81.6	81.5	82.0	82.1	82.1	82.0
State	1,057	1,199	1,527	2,026	2,755	3,271	3,491	3,539	3,699	3,753	3,726	3,747
Local	3,228	3,855	4,860	5,973	7,392	8,813	9,120	9,204	9,403	9,562	9,377	9,324
Counties				979	1,229	1,563	1,761	1,768	1,804	1,853	1,808	1,804
Municipalities				1,884	2,244	2,506	2,469	2,509	2,553	2,561	2,469	2,460
School districts		(NA)		2,598	3,316	3,969	4,127	4,113	4,200	4,270	4,222	4,182
Townships				282	330	392	361	411	401	394	386	377
Special districts				228	275	383	402	403	445	484	492	502
OCTOBER PAYROLLS (mil. dol.)												
Total	**1,528**	**2,265**	**3,333**	**4,884**	**8,334**	**13,224**	**15,338**	**16,483**	**18,077**	**19,935**	**21,193**	**22,559**
Federal (civilian) [2]	613	846	1,118	1,484	2,428	3,584	3,918	4,344	4,728	5,205	5,239	5,394
State and local	915	1,419	2,215	3,400	5,906	9,640	11,420	12,139	13,349	14,730	15,954	17,165
Percent of total	59.9	62.6	66.5	69.6	70.9	72.9	74.5	73.7	73.8	73.9	75.3	76.1
State	218	340	524	849	1,612	2,653	3,195	3,483	3,869	4,285	4,668	5,028
Local	696	1,078	1,691	2,551	4,294	6,987	8,225	8,656	9,480	10,445	11,287	12,137
Counties				377	640	1,183	1,489	1,564	1,726	1,936	2,083	2,254
Municipalities				818	1,361	2,129	2,412	2,535	2,729	2,951	3,222	3,425
School districts		(NA)		1,189	2,032	3,160	3,707	3,897	4,272	4,683	5,021	5,403
Townships				81	122	215	250	269	291	330	349	377
Special districts				87	140	300	367	392	463	546	612	678
AVERAGE ANNUAL PERCENT CHANGE [3]												
Employees, total	−.5	**3.0**	**3.5**	**3.8**	**4.2**	**2.8**	**2.1**	**1.1**	**2.2**	**1.5**	−1.5	−0.2
Federal (civilian) [2]	−8.9	2.4	.4	1.3	2.2	.6	−.7	1.3	−.5	1.0	−1.2	−0.1
State				5.8	6.3	3.5	3.3	1.4	4.5	1.5	−.7	.6
Local				4.2	4.4	3.6	1.7	.9	2.2	1.7	−1.9	−0.6
Counties				(NA)	4.7	4.9	6.2	.4	2.0	2.7	−2.4	−0.2
Municipalities		(NA)		(NA)	3.6	2.2	−.7	1.6	1.8	.3	−3.6	−0.4
School districts				(NA)	5.0	3.7	2.0	−.3	2.1	1.7	−1.1	−0.9
Townships				(NA)	3.2	3.5	−4.0	13.9	−2.4	−1.7	−2.0	−2.3
Special districts				(NA)	3.8	6.9	2.5	.2	10.4	8.8	1.7	2.0
Payrolls, total	**6.6**	**8.2**	**8.0**	**7.9**	**11.3**	**9.4**	**7.7**	**7.5**	**9.7**	**10.3**	**6.3**	**6.4**
Federal (civilian) [2]	−.9	6.7	5.7	5.8	10.3	8.1	4.6	10.9	8.7	10.1	.6	3.0
State				10.1	13.7	10.5	9.7	9.0	11.1	10.8	8.9	7.7
Local				8.6	11.0	10.2	8.5	5.2	9.5	10.2	8.1	7.5
Counties				(NA)	11.2	13.1	12.2	5.0	10.4	12.2	7.6	8.2
Municipalities		(NA)		(NA)	10.7	9.4	6.4	5.1	7.7	8.1	9.2	6.3
School districts				(NA)	11.3	9.2	8.3	5.1	9.6	9.6	7.2	7.6
Townships				(NA)	8.5	12.0	7.8	7.6	8.2	13.4	5.8	8.0
Special districts				(NA)	10.0	16.5	10.6	6.8	18.1	17.9	12.1	10.8

NA Not available. [1] Due to classification change in subsequent year, type of government detail not available. [2] Includes employees outside U.S. [3] Represents average for period of interval shown; for 1950, change from 1945. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (−) indicates decrease.

No. 488. Governmental Employment and Payrolls, by Type of Government and by Function: 1982

[For **October.** Covers both full-time and part-time employees. Local government data are estimates subject to sampling variation; see source and Appendix III]

FUNCTION	EMPLOYEES (1,000)					OCTOBER PAYROLLS (mil. dol.)				
	Total	Federal (civilian) [1]	State and local			Total	Federal (civilian) [1]	State and local		
			Total	State	Local			Total	State	Local
1982, total	**15,933**	**2,862**	**13,071**	**3,747**	**9,324**	**22,559**	**5,394**	**17,165**	**5,028**	**12,137**
National defense [2]	1,026	1,026	(X)	(X)	(X)	1,839	1,839	(X)	(X)	(X)
Postal Service	664	664	(X)	(X)	(X)	1,263	1,263	(X)	(X)	(X)
Education	6,749	17	6,733	1,616	5,117	8,559	33	8,526	1,874	6,652
Teachers	3,740	(X)	3,740	470	3,271	5,968	(X)	5,968	848	5,120
Highways	531	4	527	244	283	740	11	729	370	360
Health and hospitals	1,664	256	1,407	687	720	2,239	460	1,780	914	866
Public welfare	393	(X)	393	175	219	495	(X)	495	245	251
Police protection	721	56	665	76	589	1,190	127	1,063	139	925
Fire protection	310	(X)	310	(X)	310	446	(X)	446	(X)	446
Sanitation and sewerage	218	(X)	218	1	218	300	(X)	300	1	299
Parks and recreation	243	(X)	243	28	214	230	(X)	230	32	199
Natural resources	458	264	195	158	36	761	496	264	224	41
Financial administration	418	106	312	121	191	593	187	405	182	224
All other	2,539	471	2,068	642	1,426	3,903	979	2,925	1,049	1,876

X Not applicable. [1] Includes employees outside United States. [2] Includes international relations.

Source of tables 487 and 488: U.S. Bureau of the Census, *Public Employment,* series GE No. 1, annual.

No. 489. State and Local Government Employment, Payrolls, and Average Earnings, by Type of Government: 1960 to 1982

[Except for 1977, local government data are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 274-289 and Y 292-307]

Type of government and function	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
	EMPLOYEES, OCTOBER (1,000)									
Total	**6,387**	**8,001**	**10,147**	**12,084**	**12,611**	**12,743**	**13,102**	**13,315**	**13,103**	**13,071**
Full-time	5,320	6,595	8,024	9,397	9,861	9,946	10,193	10,314	10,214	10,138
Part-time	1,067	1,406	2,123	2,687	2,750	2,797	2,909	3,000	2,889	2,933
FULL-TIME EQUIVALENT										
State and local	5,570	6,937	8,528	10,098	10,591	10,724	10,944	11,047	10,917	10,829
Education	2,525	3,337	4,258	4,952	5,134	5,202	5,291	5,341	5,302	5,214
Health and hospitals	654	789	951	1,134	1,239	1,256	1,279	1,296	1,294	1,295
Police protection	304	349	450	544	567	566	589	591	596	599
Public welfare	114	170	250	339	356	364	366	372	369	372
Other	1,973	2,292	2,621	3,130	3,296	3,337	3,419	3,447	3,356	3,349
State, total [1]	1,411	1,751	2,302	2,744	2,903	2,966	3,072	3,106	3,087	3,083
Education	390	508	803	952	1,005	1,016	1,046	1,063	1,063	1,051
Health and hospitals	331	392	482	570	614	635	653	650	654	657
Highways	240	284	297	271	258	260	257	255	244	241
Local, total [1]	4,159	5,186	6,226	7,354	7,688	7,758	7,871	7,941	7,830	7,746
Education	2,136	2,829	3,455	4,000	4,129	4,187	4,245	4,278	4,240	4,163
Health and hospitals	324	397	469	562	625	621	626	646	639	638
Police protection	272	308	394	476	497	495	515	519	523	524
Highways	259	266	271	298	290	295	285	277	265	265
Counties [1]	672	893	1,098	1,408	1,582	1,606	1,621	1,651	1,609	1,598
Education	(NA)	(NA)	228	279	319	331	341	351	344	345
Health and hospitals	(NA)	(NA)	227	281	325	327	323	325	320	309
Public welfare	(NA)	(NA)	111	139	149	150	153	158	156	154
Municipalities [1]	1,447	1,638	1,922	2,142	2,168	2,163	2,190	2,166	2,111	2,079
Education	(NA)	(NA)	359	376	358	361	366	360	346	322
Health and hospitals	(NA)	(NA)	158	165	172	170	165	166	163	162
Police protection	(NA)	(NA)	299	349	356	355	366	365	365	364
Fire protection	(NA)	(NA)	169	184	182	182	203	190	191	189
School districts	1,727	2,287	2,786	3,243	3,351	3,393	3,435	3,468	3,453	3,403
Townships	302	177	192	237	241	245	250	249	245	245
Special districts		191	228	324	346	351	374	406	413	421
	PAYROLLS, OCTOBER (mil. dol.)									
Total	**2,215**	**3,400**	**5,906**	**9,640**	**11,420**	**12,139**	**13,349**	**14,730**	**15,954**	**17,165**
Full-time	(NA)	3,251	5,598	9,018	10,672	11,335	12,506	13,792	14,953	16,091
Part-time	(NA)	150	309	622	748	804	843	938	1,002	1,074
Education	1,095	1,778	3,170	4,960	5,846	6,186	6,757	7,451	8,002	8,526
Health and hospitals	198	292	529	909	1,113	1,186	1,322	1,476	1,627	1,780
Police protection	129	184	339	585	699	722	814	869	975	1,063
Public welfare	39	72	150	272	329	350	380	413	459	495
Other	755	1,075	1,719	2,916	3,433	3,695	4,076	4,522	4,892	5,301
State, total [1]	545	849	1,612	2,653	3,195	3,483	3,869	4,285	4,668	5,028
Education	172	290	630	1,022	1,234	1,333	1,451	1,608	1,768	1,874
Health and hospitals	104	150	283	472	577	625	692	761	837	914
Highways	90	129	193	251	269	298	314	346	354	370
Local, total [1]	1,691	2,551	4,294	6,987	8,225	8,656	9,480	10,445	11,287	12,137
Education	923	1,488	2,539	3,939	4,611	4,853	5,306	5,843	6,234	6,652
Health and hospitals	93	141	246	437	536	561	630	714	789	866
Police protection	116	163	296	510	611	626	708	750	851	925
Highways	88	110	149	238	261	282	298	314	333	360
Counties [1]	229	377	640	1,183	1,489	1,564	1,726	1,936	2,083	2,254
Education	(NA)	89	149	252	332	357	391	444	479	513
Health and hospitals	(NA)	66	117	217	278	289	320	362	393	419
Public welfare	(NA)	30	61	106	128	131	147	159	173	185
Municipalities [1]	583	818	1,361	2,129	2,412	2,535	2,729	2,951	3,222	3,425
Education	(NA)	170	299	425	456	478	514	564	583	581
Health and hospitals	(NA)	56	90	143	160	170	178	189	212	227
Police protection	(NA)	130	231	384	453	465	515	534	608	657
Fire protection	(NA)	84	137	217	243	252	281	300	341	369
School districts	735	1,189	2,032	3,160	3,707	3,897	4,272	4,683	5,021	5,403
Townships	118	80	122	215	250	269	291	330	349	377
Special districts		87	140	300	367	392	463	546	612	678
	AVERAGE OCTOBER EARNINGS (dol.)									
Full-time employees:										
State and local	399	493	697	961	1,082	1,139	1,227	1,337	1,464	1,587
Education	437	538	756	1,013	1,146	1,201	1,285	1,402	1,514	1,640
Other	368	452	642	912	1,021	1,085	1,175	1,279	1,419	1,540

NA Not available. [1] Includes other categories not shown separately.

Source: U.S. Bureau of the Census, *Public Employment*, series GE No. 1, annual, and unpublished data.

NO. 490. STATE AND LOCAL GOVERNMENT—EMPLOYMENT (FULL-TIME) AND SALARY, BY SEX AND RACE/ETHNIC GROUP: 1973 TO 1981

[As of **June 30**. Excludes school systems and educational institutions. Based on reports from State governments (44 in 1973, 48 in 1975, 47 in 1977, 45 in 1978, 46 in 1979, 42 in 1980 and 49 in 1981) and a sample of county, municipal, township, and special district jurisdictions employing 15 or more nonelected, nonappointed full-time employees. For definition of median, see Guide to Tabular Presentation]

SEX AND RACE/ETHNIC GROUP	EMPLOYMENT (1,000)							MEDIAN ANNUAL SALARY ($1,000)						
	1973	1975	1977	1978	1979	1980	1981	1973	1975	1977	1978	1979	1980	1981
Total	**3,809**	**3,899**	**4,415**	**4,447**	**4,576**	**3,987**	**4,665**	**8.6**	**9.8**	**10.9**	**11.7**	**12.3**	**13.3**	**15.6**
Male	2,486	2,436	2,737	2,711	2,761	2,350	2,740	9.6	11.3	12.4	13.3	14.1	15.2	17.7
Female	1,322	1,464	1,678	1,736	1,816	1,637	1,925	7.0	8.2	9.1	9.7	10.4	11.4	13.1
White	3,115	3,102	3,480	3,481	3,568	3,146	3,591	8.8	10.2	11.3	12.0	12.8	13.8	16.1
Minority group, total [1]	693	797	935	966	1,008	842	1,074	7.5	8.8	9.7	10.4	10.9	11.8	13.5
Black	523	602	705	723	751	619	780	7.4	8.6	9.5	10.1	10.6	11.5	13.3
Hispanic [2]	125	147	175	181	192	163	205	7.4	8.9	9.9	10.7	11.4	12.3	14.7

[1] Includes other minority groups, not shown separately. [2] Prior to 1977, this ethnic group was classified as "Spanish-surnamed American."

Source: U.S. Equal Employment Opportunity Commission, *State and Local Government Information Report*, annual.

NO. 491. STATE AND LOCAL GOVERNMENT—EMPLOYMENT (FULL-TIME) AND SALARY, BY OCCUPATION, SEX, AND RACE/ETHNIC GROUP: 1981

[As of **June 30**. See headnote, table 490]

SEX AND RACE/ETHNIC GROUP	Total	Officials/ administrators	Professionals	Technicians	Protective service	Paraprofessionals	Office/ clerical	Skilled craft	Service/ maintenance
NUMBER EMPLOYED (1,000)									
Total	**4,665**	**245**	**891**	**482**	**667**	**397**	**862**	**379**	**742**
Male	2,740	182	494	283	601	117	104	365	594
Female	1,925	63	397	199	66	281	758	14	147
White	3,591	215	748	388	568	258	653	308	453
Minority group, total [1]	1,074	30	143	94	99	139	209	71	289
Black	780	20	90	59	70	118	147	46	230
Hispanic	205	7	26	16	24	16	44	20	51
PERCENT DISTRIBUTION									
Total	**100.0**	**5.3**	**19.1**	**10.3**	**14.3**	**8.5**	**18.5**	**8.1**	**15.9**
Male	100.0	6.6	18.0	10.3	21.9	4.3	3.8	13.3	21.7
Female	100.0	3.3	20.6	10.3	3.4	14.6	39.4	.7	7.6
White	100.0	6.0	20.8	10.8	15.8	7.2	18.2	8.6	12.6
Minority group, total [1]	100.0	2.8	13.3	8.8	9.2	12.9	19.5	6.6	26.9
Black	100.0	2.6	11.5	7.6	9.0	15.1	18.8	5.9	29.5
Hispanic	100.0	3.4	12.7	7.8	11.7	7.8	21.5	9.8	24.9
MEDIAN ANNUAL SALARY ($1,000)									
Total	**15.6**	**24.4**	**20.0**	**16.2**	**18.2**	**11.8**	**12.0**	**16.7**	**12.8**
Male	17.7	26.6	22.5	18.2	18.7	13.1	13.5	16.9	13.5
Female	13.1	19.2	18.1	13.9	14.5	11.4	11.8	11.5	10.6
White	16.1	24.6	20.1	16.4	18.3	12.0	12.0	16.7	13.1
Minority group, total [1]	13.5	21.7	18.6	14.9	17.5	11.7	11.9	16.3	12.7
Black	13.3	21.2	18.3	14.4	16.9	11.4	11.7	15.8	12.1
Hispanic	14.7	22.7	20.4	16.3	18.6	12.0	12.0	16.7	12.8

[1] Includes other minority groups, not shown separately.

Source: U.S. Equal Employment Opportunity Commission, *State and Local Government Information Report, 1981*.

No. 492. State and Local Government Employment (Full-Time Equivalent) and Payrolls, by Selected Function, 1970 to 1982, and by State, 1982

[For October. Except for 1977, local government data are estimates subject to sampling variation; see source and Appendix III]

State	Employment (1,000)						October payrolls (mil. dol.)					
	Education		Health and hospitals	Highways	Police and local fire protection	Public welfare	Education		Health and hospitals	Highways	Police and local fire protection	Public welfare
	Total	Local schools only [1]					Total	Local schools only				
1970	4,257.5	3,350.8	950.9	568.2	639.5	249.8	3,169.7	2,442.4	529.3	341.4	491.1	149.5
1975	*4,951.8*	*3,822.9*	*1,134.2*	*569.6*	*758.7*	*339.4*	*4,960.3*	*3,727.8*	*909.0*	*488.9*	*835.4*	*272.3*
1976	5,002.7	3,861.6	1,148.9	551.4	760.4	342.2	5,310.4	3,992.8	981.4	505.0	891.7	298.1
1977	5,133.9	3,950.5	1,236.8	548.2	780.7	356.2	5,845.5	4,366.6	1,113.0	530.1	982.2	329.4
1978	5,202.3	4,002.5	1,256.2	555.0	780.9	363.6	6,186.2	4,610.2	1,186.2	580.4	1,020.1	349.5
1979	5,291.3	4,064.9	1,278.7	542.2	826.3	366.0	6,757.0	5,035.0	1,322.1	612.0	1,145.9	379.9
1980	5,341.1	4,083.8	1,296.2	532.8	817.5	371.9	7,450.9	5,521.8	1,475.5	660.3	1,223.4	413.2
1981	5,302.1	4,048.1	1,293.6	509.6	826.2	369.2	8,002.0	5,882.5	1,626.5	686.7	1,384.2	458.7
1982	***5,213.5***	***3,968.6***	***1,295.4***	***506.1***	***828.5***	***372.3***	***8,526.4***	***6,276.0***	***1,779.7***	***729.3***	***1,509.3***	***495.4***
Ala	89.1	64.5	34.2	10.5	12.3	4.7	120.5	79.0	38.4	12.3	17.1	6.1
Alaska	14.9	11.5	1.4	3.7	1.7	1.0	37.9	31.0	3.3	8.7	5.9	2.0
Ariz	72.9	49.0	8.1	5.4	11.3	3.0	125.7	79.5	13.0	8.9	22.5	4.5
Ark	55.6	42.1	13.3	6.6	6.0	2.3	66.4	45.9	14.5	7.7	7.4	2.6
Calif	495.5	361.4	122.9	32.1	93.4	34.7	1,003.2	712.6	219.7	61.1	220.7	54.6
Colo	76.4	56.0	15.9	7.3	11.3	4.0	125.5	85.2	25.1	6.6	20.1	5.6
Conn	68.5	56.1	17.1	7.4	12.3	3.1	111.5	89.3	21.6	10.9	21.7	4.1
Del	15.6	10.1	3.1	1.6	1.8	.6	25.3	15.9	3.5	2.4	3.5	.8
D.C	12.0	10.4	5.7	1.0	5.9	2.3	25.5	21.9	10.7	1.8	13.3	4.1
Fla	204.0	162.2	64.3	19.1	42.8	10.0	292.3	221.5	83.3	24.6	70.6	11.6
Ga	134.4	106.8	67.4	12.9	20.5	6.7	169.8	125.2	83.1	15.1	26.8	8.4
Hawaii	22.2	16.4	5.3	1.8	4.0	1.0	39.0	27.1	7.5	2.9	7.9	1.3
Idaho	23.6	17.8	4.7	2.9	2.8	1.3	32.1	23.1	5.5	4.4	4.1	1.6
Ill	232.7	175.2	42.5	18.2	50.2	15.4	432.8	321.2	64.1	32.8	100.5	20.5
Ind	128.4	95.2	28.7	10.4	16.7	6.9	202.4	139.4	36.5	11.9	23.5	7. 3
Iowa	77.4	57.7	17.4	8.9	7.2	6.0	121.0	83.7	22.9	12.6	12.0	7.3
Kans	68.2	49.1	12.9	8.5	8.2	3.0	94.9	65.7	15.5	10.9	12.0	4.0
Ky	81.6	60.4	12.4	7.9	9.6	4.7	112.3	78.8	14.1	9.6	14.3	6.0
La	110.2	84.7	31.9	13.3	14.9	5.0	155.0	114.6	35.0	17.4	21.2	6.0
Maine	28.2	22.6	3.0	3.9	3.3	1.7	36.0	27.3	3.8	5.4	4.7	2.3
Md	103.2	72.6	23.5	9.8	18.0	7.4	186.2	137.3	34.8	13.9	34.3	8.3
Mass	114.7	98.2	32.0	11.4	28.3	9.2	192.2	163.9	40.5	15.7	51.8	13.1
Mich	208.0	151.3	43.1	13.6	28.1	15.6	409.3	302.6	72.0	23.9	60.1	27.5
Minn	93.0	68.9	22.7	11.0	9.9	11.0	171.7	121.7	33.7	20.0	19.7	14.8
Miss	64.3	46.4	20.8	8.0	7.0	3.1	72.0	47.8	20.4	7.3	8.3	3.1
Mo	106.4	82.9	32.0	11.0	18.0	5.6	147.5	110.9	35.7	14.0	28.3	6.3
Mont	21.3	17.0	2.8	3.0	2.5	1.8	36.9	28.0	3.8	5.1	3.7	2.2
Nebr	44.0	30.4	7.8	5.5	4.5	2.3	59.9	41.8	8.8	7.3	7.3	2.6
Nev	16.5	12.7	5.5	2.0	4.5	.8	29.4	22.4	9.6	3.7	9.1	1.5
N.H	20.5	15.8	2.6	3.0	3.4	3.2	26.1	20.0	3.1	3.7	5.3	3.2
N.J	173.7	145.0	34.8	19.1	35.1	13.3	318.1	261.9	46.1	29.7	60.6	15.5
N. Mex	40.4	28.5	7.9	3.9	4.6	1.9	61.3	41.2	10.0	4.9	7.2	2.5
N.Y	348.7	284.6	156.1	43.1	79.2	55.3	678.0	552.6	233.2	63.7	162.6	77.0
N.C	150.9	112.1	37.2	13.5	17.8	8.2	201.9	143.8	46.9	16.1	24.8	9.0
N. Dak	18.4	12.9	2.8	1.9	1.6	1.1	33.6	23.7	3.4	2.8	2.5	1.5
Ohio	224.5	175.8	48.5	21.1	34.8	19.3	369.6	275.1	64.9	31.2	59.8	22.3
Okla	85.7	62.8	21.3	8.5	11.2	8.0	119.0	80.5	25.7	10.4	15.9	11.1
Oreg	65.9	48.6	10.8	6.8	9.1	3.8	107.7	76.6	15.0	10.7	18.0	5.5
Pa	218.0	187.3	37.6	26.7	35.3	27.3	355.7	299.1	50.5	36.3	66.0	32.9
R.I	20.1	14.3	4.2	1.7	4.4	1.8	35.8	26.1	6.3	2.4	7.4	2.6
S.C	82.1	61.8	25.3	6.2	8.8	4.1	105.9	72.2	29.6	6.6	11.0	4.9
S. Dak	18.7	14.2	2.8	2.5	1.8	1.0	23.3	16.7	3.0	3.3	2.5	1.2
Tenn	101.4	75.2	28.5	11.5	15.8	7.2	150.0	105.6	34.1	12.4	21.8	7.9
Tex	399.4	308.8	87.1	30.4	49.6	13.1	579.6	418.3	110.7	43.7	86.3	19.2
Utah	40.2	26.2	5.6	2.8	4.4	1.9	58.1	37.3	7.9	4.9	7.7	3.0
Vt	13.7	10.2	1.4	1.8	1.4	.7	18.2	12.4	1.8	2.5	2.1	1.0
Va	*140.1*	*106.3*	*28.2*	*13.5*	*17.5*	*6.6*	*208.9*	*147.4*	*37.1*	*17.1*	*28.3*	*8.5*
Wash	90.9	62.7	16.7	9.4	13.3	5.7	160.7	106.7	25.5	17.4	27.9	8.1
W. Va	51.5	41.1	11.4	6.6	4.3	2.8	69.7	53.7	12.4	8.0	5.9	3.0
Wis	109.2	72.1	18.2	11.0	16.0	11.6	182.4	119.5	26.7	18.0	29.5	14.8
Wyo	17.0	12.7	4.2	2.4	2.1	.5	28.7	20.9	5.5	4.5	3.7	.9

[1] Elementary and secondary schools, local and State operated.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*, and *Public Employment*, series GE, No. 1, annual.

No. 493. State and Local Government Employment and Payrolls—By State: 1970 to 1982

[For October. Covers both full-time and part-time employees]

STATE	ALL EMPLOYEES (1,000)						OCTOBER PAYROLLS [2] (mil. dol.)					
	State			Local [1]			State			Local [1]		
	1970	1975	1982	1970	1975	1982	1970	1975	1982	1970	1975	1982
U.S	**2,755**	**3,271**	**3,747**	**7,392**	**8,813**	**9,324**	**1,612**	**2,653**	**5,028**	**4,294**	**6,987**	**12,137**
Ala	49	62	73	107	125	150	24	46	93	46	77	151
Alaska	10	14	21	8	14	19	9	20	46	7	19	47
Ariz	28	39	48	64	98	119	16	32	64	40	81	170
Ark	29	36	43	57	70	81	13	25	49	21	37	72
Calif	239	273	305	837	1,036	1,089	170	265	511	614	1,001	1,681
Colo	44	54	59	87	116	132	25	45	74	44	85	165
Conn	43	46	56	85	107	106	30	37	74	57	91	139
Del	13	16	19	16	19	16	7	11	25	10	15	23
D.C	(x)	(x)	(x)	54	54	49	(x)	(x)	(x)	37	65	96
Fla	79	105	129	250	349	402	43	86	164	143	266	500
Ga	61	82	94	162	209	249	32	59	119	74	131	260
Hawaii	33	39	47	10	13	13	22	35	62	8	11	20
Idaho	14	19	18	28	34	39	7	14	22	11	19	40
Ill	132	141	146	403	473	458	78	126	203	258	414	659
Ind	70	78	89	176	212	207	36	52	109	90	137	232
Iowa	42	47	51	114	128	130	23	40	69	53	85	145
Kans	41	46	51	94	103	111	20	32	57	41	62	116
Ky	46	64	67	90	104	106	23	45	80	42	64	117
La	65	78	96	119	144	155	32	52	114	56	91	183
Maine	17	18	23	33	40	42	9	13	27	14	23	39
Md	50	73	88	124	154	167	33	65	118	83	141	245
Mass	67	75	86	194	239	217	44	62	112	118	199	296
Mich	121	143	148	330	376	359	74	124	214	217	332	528
Minn	56	65	72	155	181	182	34	55	100	86	137	233
Miss	34	39	45	77	91	101	15	25	47	27	48	89
Mo	64	72	74	153	176	187	32	54	85	79	122	210
Mont	17	19	20	25	32	36	8	14	25	12	21	42
Nebr	28	30	33	65	77	81	13	21	36	30	48	88
Nev	8	12	15	22	26	35	5	10	23	13	22	53
N.H	12	16	18	26	32	33	7	11	17	10	17	33
N.J	65	78	100	243	307	322	44	71	148	156	270	441
N. Mex	23	30	42	36	44	49	12	22	49	17	29	62
N.Y	201	202	254	879	877	867	144	196	411	610	884	1,313
N.C	71	92	101	145	188	245	39	68	122	73	123	253
N. Dak	14	15	17	29	37	34	6	10	20	10	14	34
Ohio	107	119	150	372	426	430	61	91	187	195	309	520
Okla	49	55	75	82	103	120	22	37	94	37	59	132
Oreg	43	50	52	79	104	112	24	40	66	43	79	145
Pa	132	152	145	349	405	400	79	132	193	203	325	522
R.I	17	21	27	25	27	26	10	17	32	15	24	39
S.C	38	58	64	84	102	113	19	40	82	34	56	112
S. Dak	13	16	16	32	33	31	6	10	17	11	15	26
Tenn	55	63	77	124	159	168	26	42	96	58	104	193
Tex	133	172	208	381	493	614	71	138	289	194	346	765
Utah	23	29	33	39	46	54	12	20	43	16	28	61
Vt	11	12	12	14	19	18	6	9	16	6	10	17
Va	74	97	116	137	185	197	42	74	144	73	133	239
Wash	66	82	92	126	141	146	42	67	118	78	120	227
W. Va	35	43	40	50	55	66	16	27	44	22	36	75
Wis	64	75	81	184	210	213	41	60	97	94	148	253
Wyo	8	9	12	16	19	29	4	7	18	7	13	36

X Not applicable. [1] Estimates subject to sampling variation; see source and Appendix III. [2] For all employees.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*, and *Public Employment*, series GE, No. 1, annual.

No. 494. State and Local Government Full-Time Equivalent Employment—By State: 1970 to 1982

[For October]

STATE	FULL-TIME EQUIVALENT EMPLOYMENT (1,000)						FULL-TIME EQUIVALENT EMPLOYMENT PER 10,000 POPULATION					
	State			Local [1]			State			Local [1]		
	1970	1975	1982	1970	1975	1982	1970	1975	1982	1970	1975	1982
U.S	**2,302**	**2,744**	**3,083**	**6,226**	**7,354**	**7,746**	**113**	**129**	**133**	**306**	**345**	**335**
Alabama	42	52	61	94	110	129	122	145	155	272	305	326
Alaska	8	13	19	7	12	17	280	379	442	234	343	379
Arizona	22	32	36	55	82	99	124	143	125	312	367	347
Arkansas	24	32	36	49	58	68	127	150	156	254	274	297
California	195	218	248	697	833	850	98	103	100	349	393	344
Colorado	36	41	43	71	95	107	161	162	140	322	376	351
Connecticut	38	40	48	74	89	89	126	128	154	245	289	284
Delaware	12	14	17	14	17	15	217	244	277	254	288	244
District of Columbia	(x)	(x)	(x)	49	52	46	(x)	(x)	(x)	643	726	730
Florida	72	94	112	223	311	356	106	113	107	329	372	341
Georgia	53	72	83	145	185	219	115	147	147	317	376	388
Hawaii	28	31	38	10	12	12	365	355	380	131	134	118
Idaho	11	15	14	22	27	32	151	182	141	304	326	328
Illinois	106	120	117	334	377	370	96	107	102	300	338	323
Indiana	54	58	62	145	173	175	103	110	114	280	325	320
Iowa	34	38	41	88	100	101	122	134	143	311	349	347
Kansas	31	36	39	75	80	89	139	157	160	332	354	369
Kentucky	39	56	57	76	87	92	121	164	154	235	269	252
Louisana	53	66	82	107	130	143	146	174	188	293	343	327
Maine	16	17	18	25	31	32	157	157	160	255	289	286
Maryland	47	68	80	114	137	138	119	165	188	292	331	324
Massachusetts	60	68	75	168	199	182	105	116	129	296	341	315
Michigan	91	110	114	267	299	279	103	120	125	301	350	306
Minnesota	43	50	53	119	138	137	113	128	127	312	353	331
Mississippi	28	33	39	65	77	87	127	140	154	295	328	342
Missouri	53	62	64	130	149	157	114	131	130	278	312	316
Montana	13	15	14	21	26	28	183	204	180	296	352	350
Nebraska	23	26	27	51	61	62	154	170	173	344	393	392
Nevada	7	10	12	19	23	30	134	162	140	385	393	340
New Hampshire	10	13	14	17	23	26	133	153	143	228	279	276
New Jersey	58	70	86	210	262	273	81	95	115	293	363	367
New Mexico	19	26	33	31	39	44	186	224	241	300	340	323
New York	185	188	236	749	766	728	102	104	134	412	423	412
North Carolina	62	80	87	127	161	201	122	147	144	250	296	335
North Dakota	10	11	13	18	19	21	165	168	189	285	299	313
Ohio	85	95	111	304	346	347	80	88	102	286	321	322
Oklahoma	37	45	62	70	85	106	145	166	196	274	314	334
Oregon	32	39	40	64	83	89	155	169	150	308	353	336
Pennsylvania	118	134	123	296	340	335	100	113	104	251	288	282
Rhode Island	14	18	20	22	24	23	149	194	211	230	262	245
South Carolina	34	51	58	69	82	98	130	182	181	267	291	306
South Dakota	10	12	12	22	21	22	153	169	172	330	312	321
Tennessee	49	55	65	114	144	149	124	131	140	290	343	320
Texas	112	148	176	342	435	551	100	121	115	306	355	361
Utah	17	25	28	31	35	41	158	207	117	291	290	266
Vermont	9	10	11	10	13	13	203	214	207	221	272	262
Virginia	64	80	94	120	162	173	137	162	172	259	325	314
Washington	55	62	67	105	116	125	160	174	158	308	328	295
West Virginia	30	36	34	42	50	60	174	201	175	238	277	309
Wisconsin	46	53	57	137	161	157	105	115	120	309	348	328
Wyoming	7	8	10	13	16	23	204	208	192	398	420	467

X Not applicable.
[1] Estimates subject to sampling variation; see source and Appendix III.

Source: U.S.: Bureau of the Census, *Census of Governments: 1977*, vol 6, No. 4, *Historical Statistics on Governmental Finances and Employment*, and, *Public Employment*, series GE, No. 1, annual.

No. 495. City Government Employment and Payrolls: 1960 to 1982

[For **October.** 1972 and 1977 based on complete count of all cities; other years based on sample and subject to sampling variation. Includes only those school systems operated as part of the general city government. Represents average for period of intervals shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (–) indicates decrease]

YEAR	ALL EMPLOYEES, FULL-TIME AND PART-TIME (1,000)		OCTOBER PAYROLLS (mil. dol.)		AVERAGE ANNUAL PERCENT CHANGE		FULL-TIME EQUIVALENT EMPLOYMENT (1,000)			AVERAGE EARNINGS IN OCTOBER, FULL-TIME EMPLOYEES	
	Total	Excl. education	Total	Excl. education	All employees	October payroll	Total	Education	Other	Education	Other
1960	1,692	1,439	583	471	3.3	7.1	1,447	225	1,222	$502	$387
1965	1,884	1,560	818	649	2.2	7.0	1,638	282	1,356	603	480
1970	2,244	1,815	1,361	1,062	3.6	10.7	1,922	359	1,563	838	681
1971	2,273	1,838	1,482	1,167	1.3	8.9	1,960	366	1,594	876	735
1972	2,375	1,918	1,854	1,302	4.5	11.6	2,029	378	1,650	951	792
1973	2,471	1,992	1,855	1,441	4.0	12.2	2,109	402	1,707	1,045	846
1974	2,491	2,009	1,985	1,560	.8	7.0	2,127	405	1,722	1,060	909
1975	2,506	2,074	2,129	1,725	.6	8.3	2,142	376	1,767	1,130	972
1976	2,443	2,021	2,235	1,804	–2.5	5.0	2,107	360	1,747	1,207	1,035
1977	2,511	2,084	2,415	1,959	2.8	8.0	2,170	358	1,812	1,280	1,087
1978	2,511	2,086	2,537	2,059	(z)	5.1	2,165	361	1,804	1,341	1,148
1979	2,553	2,121	2,729	2,215	1.7	7.6	2,189	364	1,825	1,414	1,231
1980	2,561	2,130	2,942	2,403	.3	7.8	2,166	360	1,806	1,501	1,338
1981	2,469	2,056	3,222	2,640	–3.6	9.5	2,111	346	1,765	1,686	1,500
1982	2,440	2,059	3,419	2,844	–1.2	6.1	2,079	322	1,757	1,816	1,620

Z Less than .05 percent.

Source: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.

No. 496. City Government Employment and Payrolls—All Cities and Cities With 50,000 Population or More: 1975 to 1982

[As of **October**]

TYPE OF EMPLOYMENT	EMPLOYEES (1,000)						OCTOBER PAYROLLS (mil. dol.)					
	All cities [1]			Cities with 50,000 population or more [2]			All cities [1]			Cities with 50,000 population or more [2]		
	1975	1980	1982	1975	1980	1982	1975	1980	1982	1975	1980	1982
Total	**2,506**	**2,561**	**2,440**	**1,630**	**1,645**	**1,572**	**2,130**	**2,942**	**3,419**	**1,612**	**2,182**	**2,552**
Full-time	2,033	2,071	1,989	1,450	1,437	1,383	2,031	2,826	3,280	1,551	2,111	2,464
Part-time	468	489	451	180	208	188	98	116	138	60	71	88
Full-time equivalent	**2,143**	**2,166**	**2,079**	**1,508**	**1,493**	**1,436**	(x)	(x)	(x)	(x)	(x)	(x)
Education [3]	376	360	322	312	304	280	425	539	575	363	463	525
Percent of total	18	17	15	21	20	20	20	18	17	23	21	21
Instructional staff	277	266	233	226	224	205	346	436	466	295	376	426
Others	99	94	89	86	80	75	78	102	109	68	87	98
Highways	129	121	115	65	60	60	109	141	165	62	77	95
Public welfare	42	41	45	41	38	40	36	47	62	34	45	59
Hospitals	128	131	130	94	87	88	108	143	177	87	102	129
Health	38	35	33	35	32	30	35	47	51	33	44	47
Police protection	349	365	364	224	224	226	384	550	657	272	389	448
Fire protection	184	190	189	126	130	130	217	300	369	162	218	274
Sewerage	55	60	62	28	32	34	46	74	91	27	44	54
Sanitation	108	104	95	66	63	57	88	118	128	62	81	88
Parks and recreation	104	103	96	73	72	66	84	116	130	61	84	93
Housing, urban renewal	35	44	41	31	38	37	35	57	66	32	51	59
Correction	16	18	18	15	17	18	18	27	34	17	26	33
Libraries	38	34	33	28	25	23	30	38	43	23	28	32
Financial administration	61	69	68	34	38	37	54	85	100	33	51	60
General control	105	112	112	62	66	62	101	147	181	66	96	112
Local utilities [4]	200	209	212	136	139	144	206	306	368	155	225	275
Water supply	92	93	93	51	50	51	81	116	141	50	70	87
Electric power	46	44	46	27	24	26	49	67	87	32	41	56
Transit	56	66	66	54	62	63	71	115	131	70	110	126
All other functions	175	171	144	139	127	105	155	208	224	125	159	170

X Not applicable. [1] Data are estimates subject to sampling variation; see source and Appendix III. [2] 1980 and 1982 data based on 1980 population; 1975 based on population estimates in 1970. [3] City-operated schools and colleges only. [4] Includes gas supply, not shown below.

Source: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.

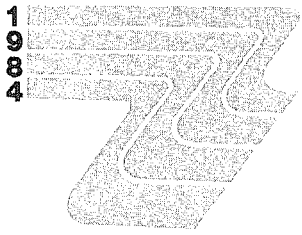
No. 497. City Government Employment and Payrolls—Selected Large Cities: 1970 to 1982

[For October. See text, p. 270. Rank based on census of Population and Housing Advance Reports, series PHC 80-V-2 to 52]

Cities ranked by population-size, 1980	Full-time equivalent employment						October payrolls (mil. dol.)			Average earnings in October, full-time employees (dol.)	
	Total (1,000)			Per 10,000 population [1]							
	1970	1975	1982	1970	1975	1982	1970	1975	1982	1970	1982
New York, N.Y. [2] [3]	375	348	335	476	464	474	326	435	641	869	1,915
Chicago, Ill.	44	49	44	131	157	145	40	20	89	902	2,039
Los Angeles, Calif.	42	47	40	150	172	135	42	64	93	990	2,331
Philadelphia, Pa.	34	38	32	177	209	191	30	45	63	866	1,972
Houston, Tex.	10	14	19	81	107	122	7	13	35	679	1,785
Detroit, Mich.	26	21	20	172	153	167	21	26	40	802	2,022
Dallas, Tex.	11	13	14	134	163	154	8	13	25	693	1,799
San Diego, Calif.	5	7	7	78	89	79	5	9	14	868	1,975
Phoenix, Ariz.	5	7	8	94	110	105	4	7	16	718	1,945
Baltimore, Md. [2] [3]	37	41	33	412	475	413	26	37	50	704	1,548
San Antonio, Tex.	8	11	11	128	143	137	5	10	16	648	1,531
Honolulu, Hawaii	7	9	8	110	126	110	6	9	14	811	1,733
Indianapolis, Ind.	6	11	11	78	160	157	3	8	15	500	1,410
San Francisco, Calif.	20	22	[4] 21	285	324	[4] 306	19	27	[4] 42	945	[4] 2,017
Memphis, Tenn. [2]	24	22	[5] 22	387	328	[5] 333	15	20	[5] 39	618	[5] 1,812
Washington, D.C. [2] [3]	49	46	39	642	643	615	39	57	79	804	2,019
Milwaukee, Wis.	10	10	9	138	145	139	8	11	17	798	1,965
San Jose, Calif.	3	4	4	59	66	64	3	5	10	970	2,525
Cleveland, Ohio	16	13	9	210	197	160	10	13	16	621	1,747
Columbus, Ohio	5	7	6	94	124	115	4	7	10	734	1,533
Boston, Mass. [2]	25	25	19	382	390	332	18	27	33	753	1,740
New Orleans, La.	10	11	10	169	188	181	5	7	15	465	1,488
Jacksonville, Fla.	6	10	10	115	194	182	4	9	15	716	1,548
Seattle, Wash.	10	9	8	188	180	170	8	10	19	820	2,262
Denver, Colo.	9	12	11	173	252	232	6	13	22	710	1,901
Nashville-Davidson, Tenn. [2]	14	18	16	319	425	344	9	15	25	632	1,617
St. Louis, Mo.	13	14	11	215	257	244	9	12	16	642	1,457
Kansas City, Mo.	6	7	8	113	137	170	4	7	12	686	1,582
El Paso, Tex.	3	4	[4] 4	85	90	[4] 99	2	3	[4] 6	562	[4] 1,355
Atlanta, Ga.	7	9	8	147	204	179	4	7	11	612	1,456
Pittsburgh, Pa.	7	6	[6] 6	135	121	[6] 135	5	5	[6] 6	679	[6] 1,116
Oklahoma City, Okla.	4	4	4	97	104	111	2	3	7	559	1,594
Cincinnati, Ohio	[3] 13	[3] 17	6	[3] 297	[3] 421	156	[3] 9	[3] 17	12	[3] 648	1,935
Fort Worth, Tex.	4	4	5	100	122	126	3	4	8	647	1,608
Minneapolis, Minn.	5	6	4	117	146	125	4	7	10	825	2,178
Portland, Oreg.	5	5	4	121	132	111	4	6	9	790	2,242
Long Beach, Calif.	5	5	4	127	152	131	4	7	10	913	2,172
Tulsa, Okla.	3	3	[7] 4	83	98	[7] 115	2	3	[7] 5	621	[7] 1,184
Buffalo, N.Y. [2]	13	13	10	200	325	294	11	14	18	829	1,743
Toledo, Ohio	4	4	3	98	105	82	3	4	6	823	1,979
Miami, Fla.	4	4	4	126	100	113	3	5	9	804	2,173
Baton Rouge, La.	3	3	5	89	104	138	1	2	6	528	1,354
Austin, Tex.	4	6	[4] 7	102	132	[4] 209	4	6	[4] 11	953	[4] 1,593
Oakland, Calif.	4	4	3	102	132	103	4	6	8	953	2,391
Albuquerque, N. Mex.	3	4	4	107	137	116	2	3	7	654	1,768
Tucson, Ariz.	2	4	4	94	150	114	2	4	7	697	1,821
Newark, N.J. [2]	16	18	[5] 14	407	542	[5] 414	12	17	[5] 23	814	[5] 1,691
Charlotte, N.C.	3	4	4	113	137	124	2	4	6	667	1,534
Omaha, Nebr.	3	4	3	75	98	89	2	3	5	662	1,929
Louisville, Ky.	6	6	4	161	166	150	4	5	7	672	1,539
Birmingham, Ala.	4	4	3	120	134	119	2	3	5	573	1,506
Wichita, Kans.	3	3	3	95	115	106	2	3	5	607	1,633
Sacramento, Calif.	3	3	3	112	131	103	2	4	6	824	2,069
Tampa, Fla.	4	4	4	146	152	155	2	4	6	453	1,430
St. Paul, Minn.	3	3	3	89	120	108	2	4	6	874	2,089
Norfolk, Va. [2]	10	12	9	309	401	352	6	9	13	590	1,337
Virginia Beach, Va. [2]	4	7	9	257	321	343	3	5	13	(NA)	1,472
Rochester, N.Y. [2]	11	10	7	356	372	292	8	11	14	739	2,037
Akron, Ohio	3	3	3	103	124	114	2	3	4	716	1,642
St. Petersburg, Fla.	4	3	3	171	147	123	2	3	4	529	1,543
Corpus Christi, Tex.	2	3	[6] 3	112	136	[6] 123	1	3	[6] 3	(NA)	[6] 942
Jersey City, N.J. [2]	7	8	8	284	341	355	6	8	13	792	1,602
Anaheim, Calif.	1	2	2	85	102	100	1	2	5	938	2,271
Richmond, Va. [2]	10	10	10	401	442	457	7	9	14	(NA)	1,350

NA Not available. [1] 1970 and 1982 based on 1970 and 1980 enumerated population; 1975 based on 1975 population estimates. [2] Includes city-operated elementary and secondary schools. [3] Includes city-operated university or college. [4] 1981 data. [5] Noneducation data are for October 1981; other data are for October 1982. [6] 1977 data. [7] 1979 data.

Source: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.



Section 11

Federal Government Finances and Employment

This section presents statistics relating to the financial structure and the civilian employment of the Federal Government. The fiscal data cover taxes, other receipts, outlays, and debt. The principal sources of fiscal data are *The Budget of the United States Government* and related documents, published annually by the Office of Management and Budget (OMB), and the Department of the Treasury's annual *Treasury Combined Statement of Receipts, Expenditures, and Balances of the United States Government,* the official report relating to the receipts, appropriations, outlays, and fund accounts. Detailed data on tax returns and collections are published annually by the Internal Revenue Service. The personnel data relate to staffing and payrolls for the various public functions and agencies, to employee characteristics, and to civil service status; they are published by the Office of Personnel Management (formerly Civil Service Commission) and the Bureau of Labor Statistics (see p. 312). The primary source for data on public lands is *Public Land Statistics,* published annually by the Bureau of Land Management, Department of the Interior. Data on federally owned land and real property are collected by the General Services Administration and presented in its annual *Inventory Report on Real Property Owned by the United States Throughout the World.*

Budget concept.—Under the unified budget concept, all Federal monies are included in one comprehensive budget. These monies comprise both Federal funds and trust funds. Federal funds are derived mainly from taxes and borrowing and are not restricted by law to any specific government purpose. Trust funds, such as the Unemployment Trust Fund, collect certain taxes and other receipts for use in carrying out specific purposes or programs in accordance with the terms of the trust agreement or statute. Fund balances include both cash balances with Treasury and investments in U.S. securities. Part of the balance is obligated, part unobligated. In recent years, however, the budget totals, under provisions of law, have excluded some Federal activities—including the Federal Financing Bank, the Postal Service, the Synthetic Fuels Corporation, and the lending activities of the Rural Electrification Administration. For fiscal year 1983, these activities (i.e., off-budget Federal entities; see below) are estimated to equal 2.1 percent of the unified budget. Data showing unified budget totals of budget receipts and outlays are presented in the 1984 Budget for the years 1940 to 1986; more detailed tables generally show data since 1972.

Receipts arising from the Government's sovereign powers are reported as governmental receipts; all other receipts, i.e., from business-type or market-oriented activities, are offset against outlays. Outlays are reported on a checks-issued (net) basis (i.e., outlays are recorded at the time the checks to pay bills are issued).

Debt concept.—For most of U.S. history, the total debt consisted of debt borrowed by the Treasury (i.e., public debt). The present debt series, includes both public debt and agency debt. The *gross Federal debt* includes money borrowed by the Treasury and by various Federal agencies; it is the broadest generally used measure of the Federal debt. *Total public debt* is covered by a statutory debt limitation, currently $1,290.2 billion, includes only borrowing by the Treasury.

Off-budget Federal entities.—Off-budget Federal entities are federally owned and controlled, but their transactions are excluded from the budget totals under provisions of law. Therefore, their fiscal activities are not reflected in either budget outlays or the budget surplus or deficit; appropriation requests for their programs are not included in the totals of budget authority for the budget; and their outlays are not subject to the ceilings set by the congressional budget resolutions. The surplus or deficit of the off-budget Federal entities is added to the budget surplus or deficit to arrive at the "total Federal Government surplus or deficit", which is financed by borrowing from the public or by other means. When off-budget outlays are financed by Treasury borrowing, the additional debt is subject to statutory debt limitation; when financed by the entities' own borrowing, it is not. In either case, the additional debt is part of the gross Federal debt.

Treasury receipts and outlays.—All receipts of the Government, with a few exceptions, are deposited to the credit of the U.S. Treasury regardless of ultimate disposition or availability for expenditure. Under the Constitution, no money may be withdrawn from the Treasury unless appropriated by the Congress.

The day-to-day cash operations of the Federal Government clearing through the accounts of the U.S. Treasury are reported in the *Daily Treasury Statement.* Extensive detail on the public debt is published in the *Monthly Statement of the Public Debt of the United States.*

Budget receipts such as taxes, customs duties, and miscellaneous receipts, which are collected by Government agencies, and outlays represented by checks issued and cash payments made by disbursing officers as well as government agencies are reported in the *Monthly Treasury Statement of Receipts and Outlays of the United States Government* and in the annual *Treasury Combined Statement of Receipts, Expenditures, and Balances of the United States Government.* These deposits in, and payments from, accounts maintained by Government agencies are on the same basis as the unified budget.

The quarterly *Treasury Bulletin* contains analytical material on fiscal operations and related Treasury activities, including financial statements of Government corporations and other business-type activities.

Income tax returns and tax collections.—Tax data are compiled by the Internal Revenue Service of the Treasury Department. The *Annual Report of the Commissioner of the Internal Revenue Service* gives a detailed account of tax collections by kind of tax and by regions, districts, and States. The agency's four annual *Statistics of Income* reports present detailed data from individual income tax returns, corporation income tax returns, sole proprietorship returns and partnership returns, respectively. The quarterly *Statistics of Income Bulletin* has, in general, replaced the supplemental *Statistics of Income* publications which presented data on such diverse subjects as local area data for individuals as well as data from fiduciary income tax and estate tax returns, sales of capital assets by individuals, international income and taxes reported by corporations and individuals, and estate tax wealth.

Relation to national income accounts and GNP.—The Federal sector of the national income and product accounts focuses upon Federal transactions (comprising both Federal and trust funds) entering into national income, the gross national product, and other parts of the national economic accounts (see table 501). These accounts, however, include only receipts and outlays which directly affect the current flow of income and output, and therefore exclude such transactions as loans. Also, the Federal sector account records many taxes as they accrue, instead of as they are collected, and records most purchases at the time of delivery.

Employment and payrolls.—The Office of Personnel Management collects employment and payroll data from all departments and agencies of the Federal Government, except the Central Intelligence Agency and the National Security Agency. Employment figures represent the number of persons who occupied civilian positions on the last day of the calendar month shown and who are paid for personal services rendered for the Federal Government, regardless of the nature of appointment or method of payment. Through December 1978, intermittent workers were counted if they performed any service during the reporting month.

Federal payrolls include all payments for personal services rendered during the calendar month and payments for accumulated annual leave of employees who separate from the service. Since most Federal employees are paid on a biweekly basis, the calendar month earnings are partially estimated on the basis of the number of work days in each month where payroll periods overlap.

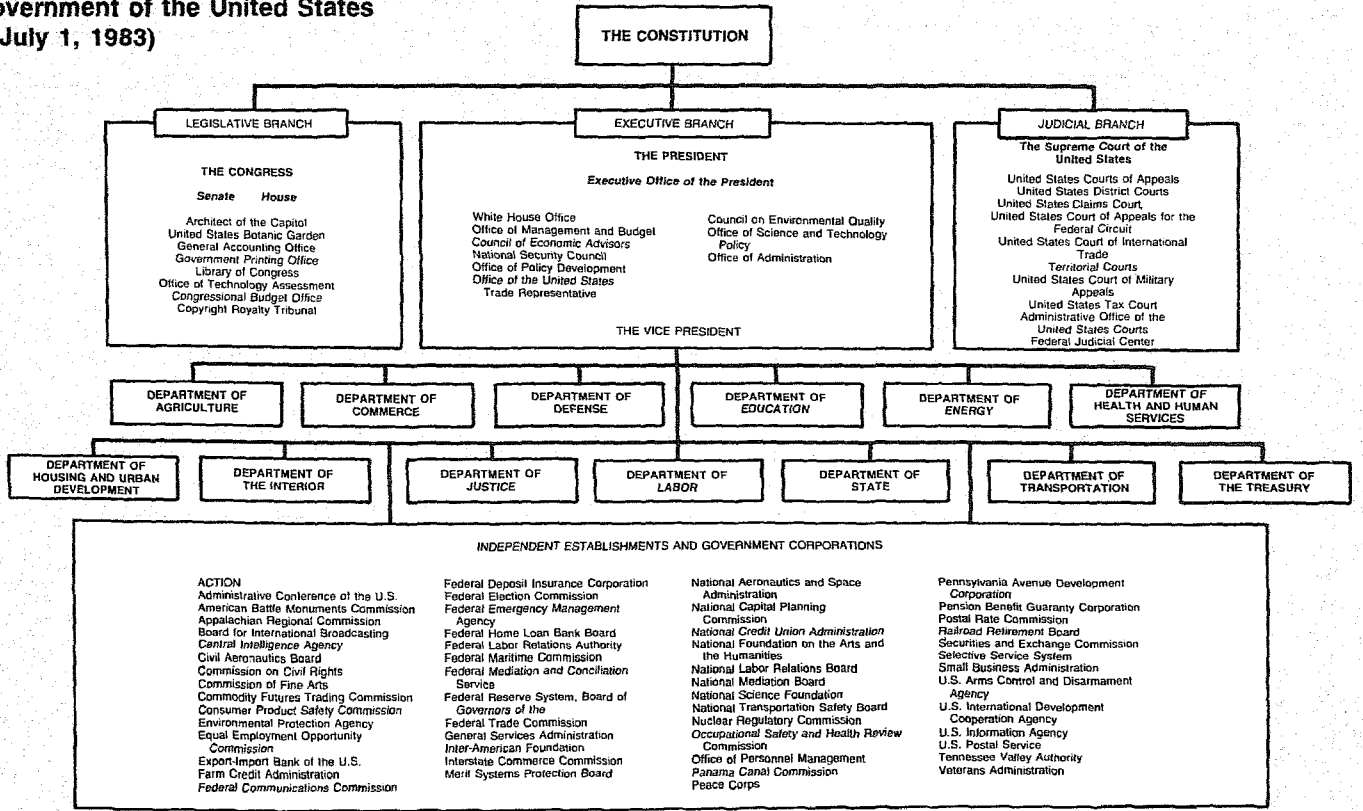
Federal employment and payroll figures are published by the Office of Personnel Management in its *Annual Report* and its *Monthly Release of Federal Civilian Work Force Statistics.* It also publishes biennial employment data for minority groups, geographic distribution, and data on occupations of white- and blue-collar workers; reports on salary and wage distribution of Federal employees are published annually. General schedule is primarily white collar; wage system primarily blue collar. Data on Federal employment are also issued by the Bureau of Labor Statistics in its *Monthly Labor Review* and in *Employment and Earnings* and by the Bureau of the Census in its annual *Public Employment.*

Applications, entries, selections, patents, and certifications.—The data on applications, entries, selections, patents, and certifications refer to transactions which involve the disposal, under the public land laws (including the homestead laws), of Federal public lands to non-Federal owners. In general, original entries and selections are applications to secure title to public lands which have been accepted as properly filed (i.e., allowed). Some types of applications, however, are not reported until issuance of the final certificate, which passes equitable title to the land to the applicant. Applications are approved when full compliance with the requirements of the laws is shown and become final entries (perfected entries) upon issuance of a final certificate. Patents are Government deeds which pass legal title to the land to the applicant. Certifications are issued in lieu of patents in connection with certain State selections.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

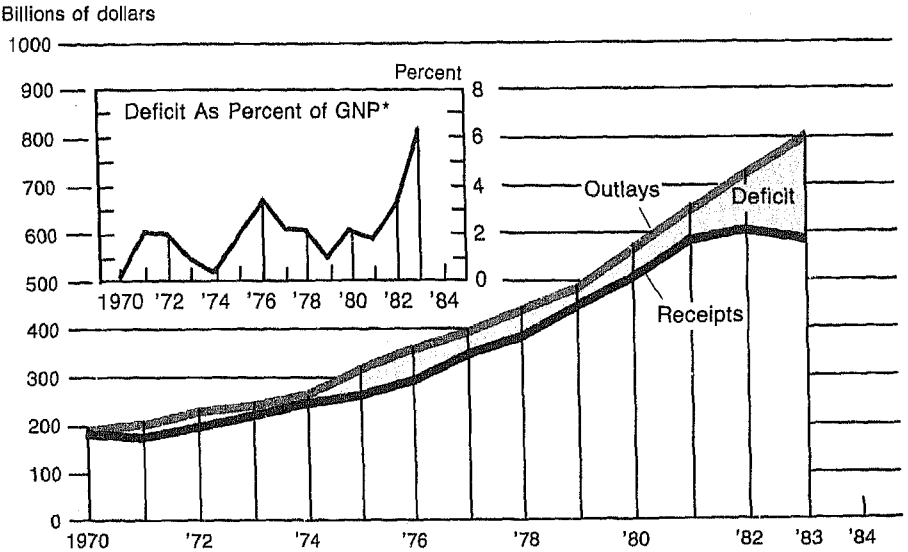
Figure 11.1

The Government of the United States (As of July 1, 1983)



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 542.

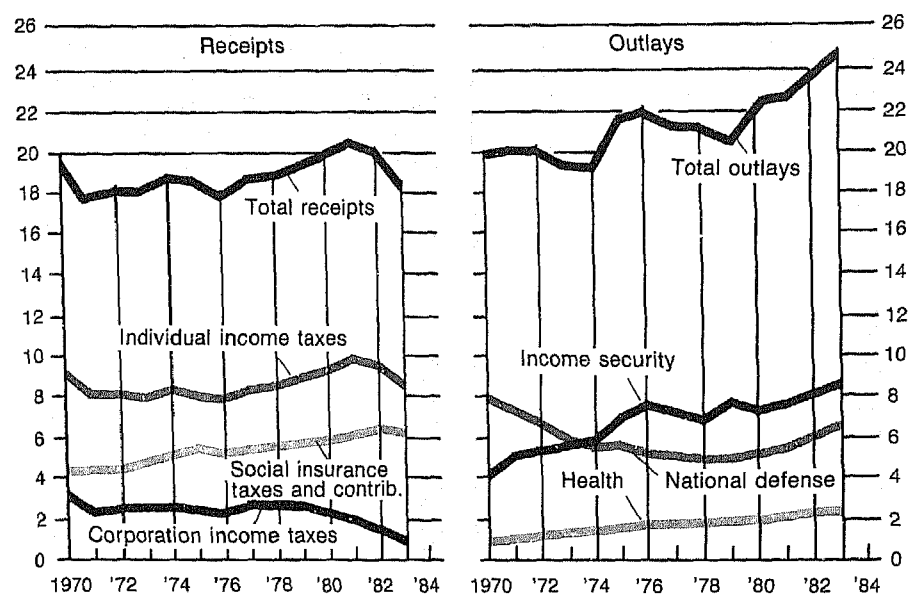
Figure 11.2
Federal Budget Receipts and Outlays: 1970 to 1983



* Gross national product

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 498.

Figure 11.3
Federal Budget Receipts and Outlays As a Percent of GNP: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 500 and 508.

No. 498. Federal Budget—Summary: 1940 to 1983

[**In billions of dollars, except percent.** Through **1976,** for years ending **June 30,** except as noted; beginning **1977,** ending **Sept. 30.** Minus sign (−) indicates deficit or decline. See also *Historical Statistics, Colonial Times to 1970,* series Y 339-342]

YEAR	Receipts	Outlays	Surplus or deficit (−)	Outstanding gross debt [1]	ANNUAL PERCENT CHANGE [2]			PERCENT OF GNP [3]		Outlays, off-budget Federal entities [4]
					Receipts	Outlays	Outstanding gross debt	Outlays	Outstanding gross debt	
1940	6.4	9.5	−3.1	50.7	[5] 27.8	[5] 7.0	[5] 5.1	10.0	53.4	(X)
1945	45.2	92.7	−47.5	260.1	48.0	57.9	38.7	42.7	119.9	(X)
1950	39.5	42.6	−3.1	256.9	−2.7	−14.4	−.3	16.1	96.9	(X)
1955	65.5	68.5	−3.0	274.4	10.6	10.0	1.3	18.0	72.1	(X)
1960	92.5	92.2	.3	290.9	7.2	6.1	1.2	18.5	58.4	(X)
1961	94.4	97.8	−3.4	292.9	2.1	6.0	.7	19.2	57.5	(X)
1962	99.7	106.8	−7.1	303.3	5.6	9.2	3.6	19.5	55.3	(X)
1963	106.6	111.3	−4.8	310.8	6.9	4.2	2.5	19.3	53.8	(X)
1964	112.7	118.6	−5.9	316.8	5.7	6.5	1.9	19.2	51.2	(X)
1965	116.8	118.4	−1.6	323.2	3.7	−.1	2.0	18.0	49.0	(X)
1966	130.9	134.7	−3.8	329.5	12.0	13.7	2.0	18.6	45.5	(X)
1967	148.9	157.6	−8.7	341.3	13.8	17.0	3.6	20.3	43.9	(X)
1968	153.0	178.1	−25.2	369.8	2.7	13.0	8.3	21.4	44.5	(X)
1969	186.9	183.6	3.2	367.1	22.2	3.1	−.7	20.2	40.3	(X)
1970	192.8	195.7	−2.8	382.6	3.2	6.5	4.2	20.2	39.5	(X)
1971	187.1	210.2	−23.0	409.5	−2.9	7.4	7.0	20.4	39.7	(X)
1972	207.3	230.7	−23.4	437.3	10.8	9.8	6.8	20.4	38.7	(X)
1973	230.8	245.6	−14.8	468.4	11.3	6.5	7.1	19.6	37.4	.1
1974	263.2	267.9	−4.7	486.2	14.0	9.1	3.8	19.4	35.3	1.4
1975	279.1	324.2	−45.2	544.1	6.0	21.0	11.9	21.9	36.8	8.1
1976	298.1	364.5	−66.4	631.9	6.8	12.4	16.1	22.2	38.5	7.3
1976, TQ [6]	81.2	94.2	−13.0	646.4	(X)	(X)	(X)	(X)	(X)	1.8
1977	355.6	400.5	−44.9	709.1	19.3	9.9	12.2	21.5	38.1	8.7
1978	399.6	448.4	−48.8	780.4	12.4	11.9	10.1	21.4	37.3	10.4
1979	463.3	491.0	−27.7	833.8	16.0	9.5	6.8	20.8	35.4	12.5
1980	517.1	576.7	−59.6	914.3	11.6	17.4	9.7	22.4	35.5	14.2
1981	599.3	657.2	−57.9	1,003.9	15.9	14.0	9.8	22.9	35.0	21.0
1982	617.8	728.4	−110.6	1,147.0	3.1	10.8	14.2	24.0	37.8	17.3
1983, est	597.5	805.2	−207.7	1,383.7	−3.3	10.5	20.6	25.2	43.3	17.0

X Not applicable. [1] End of fiscal year. See text p. 311 for discussion of debt concept. [2] For explanation of average annual percent change, see Guide to Tabular Presentation. [3] Gross national product as of fiscal year; for calendar year GNP, see table 734. [4] Federal Government allocations other than those reflected in budget outlays; see text for explanation. [5] Change from 1939; from previous year shown for all other years. [6] Transition quarter, July-Sept.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government,* annual; and unpublished data.

No. 499. Federal Budget Receipts, Outlays, and Debt: 1960 to 1983

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Beginning **1975,** budget totals include transactions of the Export-Import Bank. See also *Historical Statistics, Colonial Times to 1970,* series Y 339-342]

DESCRIPTION	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983, est.
Receipts	**92.5**	**116.8**	**192.8**	**279.1**	**355.6**	**399.6**	**463.3**	**517.1**	**599.3**	**617.8**	**597.5**
Federal funds	75.6	90.9	143.2	187.5	241.3	270.5	316.4	350.9	410.4	409.3	376.9
Trust funds	19.2	29.2	58.4	116.7	150.6	165.6	187.0	210.9	239.4	268.4	314.8
Interfund transactions	−2.4	−3.3	−8.8	−25.1	−36.3	−36.5	−40.1	−44.7	−50.6	−59.9	−94.2
Outlays	**92.2**	**118.4**	**195.7**	**324.2**	**400.5**	**448.4**	**491.0**	**576.7**	**657.2**	**728.4**	**805.2**
Federal funds	74.9	94.8	156.3	240.1	295.8	332.0	362.4	419.2	475.2	526.1	603.0
Trust funds	19.7	26.9	48.1	109.3	141.1	152.9	168.7	202.1	232.6	262.2	296.4
Interfund transactions	−2.4	−3.3	−8.8	−25.1	−36.3	−36.5	−40.1	−44.7	−50.6	−59.9	−94.2
Surplus or deficit (−)	**.3**	**−1.6**	**−2.8**	**−45.2**	**−44.9**	**−48.8**	**−27.7**	**−59.6**	**−57.9**	**−110.6**	**−207.7**
Federal funds	.8	−3.9	−13.1	−52.6	−54.4	−61.5	−46.0	−68.4	−64.7	−116.9	−226.1
Trust funds	−.5	2.3	10.3	7.4	9.5	12.7	18.3	8.8	6.8	6.3	18.4
Outstanding debt [1]	**290.9**	**323.2**	**382.6**	**544.1**	**709.1**	**780.4**	**833.8**	**914.3**	**1,003.9**	**1,147.0**	**1,383.7**
Gross Federal debt held by:											
Government agencies	53.7	61.5	97.7	147.2	157.3	169.5	189.2	199.2	209.5	217.6	239.3
The public	237.2	261.6	284.9	396.9	551.8	610.9	644.6	715.1	794.4	929.4	1,144.4
Federal Reserve System	26.5	39.1	57.7	85.0	105.0	115.5	115.6	120.8	124.5	134.5	(NA)
Others	210.7	222.5	227.2	311.9	446.8	495.5	529.0	594.3	670.0	794.9	(NA)
Outlays as percent of GNP [2]	**18.5**	**18.0**	**20.2**	**21.9**	**21.5**	**21.4**	**20.8**	**22.4**	**22.9**	**24.0**	**25.2**
National defense	9.1	7.2	8.1	5.8	5.2	5.0	5.0	5.3	5.6	6.2	6.7
Human resources [3]	5.6	6.0	8.0	12.4	12.7	12.4	11.9	12.7	12.9	13.1	13.8
All other	3.8	4.8	4.0	3.8	3.5	4.1	3.9	4.3	4.4	4.8	4.7

NA Not available. [1] End of fiscal year. [2] See footnote 3, table 498.
[3] Education, training, employment, social services, health, income security, and veterans benefits and services.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government,* annual; and unpublished data.

No. 500. Federal Budget—Receipts by Source and Outlays by Detailed Function: 1980 to 1983

[In billions of dollars. For years ending Sept. 30. Receipts reflect collections; outlays stated in terms of checks issued or cash payments. Covers both Federal funds and trust funds (see p. 311). Excludes government-sponsored but privately-owned corporations, Federal Reserve System, District of Columbia government, and money held in suspense as deposit funds. See *Historical Statistics, Colonial Times to 1970*, series Y 335-338, Y 343-351, and Y 472-487 for related data]

SOURCE OR FUNCTION	1980	1981	1982	1983, est.
Surplus or deficit (−)	−59.6	−57.9	−110.6	−207.7
BY SOURCE				
Total receipts [1]	517.1	599.3	617.8	597.5
Individual income taxes	244.1	285.9	297.7	265.2
Corporation income taxes	64.6	61.1	49.2	35.3
Social insurance taxes and contributions	157.8	182.7	201.5	210.3
Employment taxes and contributions	138.7	163.0	180.7	186.4
Unemployment insurance	15.3	15.8	16.6	19.5
Contributions for other insurance and retirement	3.7	4.0	4.2	4.4
Excise taxes	24.3	40.8	36.3	37.3
Estate and gift taxes	6.4	6.8	8.0	6.1
Customs duties	7.2	8.1	8.9	8.8
Miscellaneous receipts	12.7	13.8	16.2	14.5
Federal Reserve earning deposits	11.8	12.8	15.2	13.4
BY FUNCTION				
Total outlays [1]	576.7	657.2	728.4	805.2
National defense [1]	135.9	159.8	187.4	214.8
Dept. of Defense, military	132.8	156.1	182.9	208.9
Atomic energy defense activities	2.9	3.4	4.3	5.5
Defense related activities	.1	.3	.3	.4
International affairs [1]	10.7	11.1	10.0	11.9
Foreign economic and financial assistance	3.7	4.2	3.9	4.3
Conduct of foreign affairs	1.4	1.3	1.6	1.7
Foreign information and exchange	.5	.5	.6	.7
International financial programs activities	2.4	2.0	.9	1.3
International Security assistance	2.8	3.1	3.1	4.0
Income security	193.1	225.1	248.3	282.5
General retirement and disability insurance	123.7	145.0	161.8	176.2
Social Security	117.1	138.0	154.1	168.3
Federal employee retirement and disability	14.7	17.5	19.4	20.9
Housing assistance	5.5	6.9	8.0	9.6
Food and nutrition assistance	14.0	16.2	15.6	17.8
Other income security	17.2	19.7	19.8	21.1
Unemployment insurance	18.0	19.7	23.8	36.9
Health	55.2	66.0	74.0	82.4
Health care services	50.1	60.4	68.4	76.5
Health research	3.4	3.8	3.9	4.2
Education and training of health care workforce	.7	.8	.7	.6
Consumer and occupational health and safety	1.0	1.0	1.0	1.1
Veterans benefits and services [1]	21.2	23.0	24.0	24.4
Income security	11.7	12.9	13.7	14.2
Education, training, and rehabilitation	2.3	2.3	1.9	1.6
Hospital and medical care	6.5	7.0	7.5	8.3
Housing	−(Z)	.2	.1	−.5
Education, training, employment, and social services [1]	30.8	31.4	26.3	26.7
Elementary, secondary, and vocational education	6.7	7.0	6.8	6.5
Higher education	5.7	6.8	6.5	6.7
Research and general education aids	1.4	1.2	1.0	1.1
Training and employment	10.3	9.2	5.5	5.2
Social services	6.1	6.5	6.0	6.5
Commerce and housing credit	7.8	3.9	3.9	1.9
Mortgage credit and thrift insurance	3.7	.7	1.2	−.6
Payment to Postal Service	1.7	1.3	.7	.8
Other commerce	2.4	2.0	1.9	1.8
Transportation [1]	21.1	23.4	20.6	21.9
Ground transportation	15.1	17.1	14.3	14.6
Air transportation	3.8	3.9	3.6	4.2
Water transportation	2.2	2.4	2.7	3.1
Natural resources and environment [1]	13.8	13.5	12.9	12.1
Water resources	4.3	4.2	4.0	4.0
Conservation and land management	2.3	2.6	2.7	2.7
Recreational resources	1.7	1.6	1.5	1.7
Pollution control and abatement	5.5	5.2	5.0	4.3
Other natural resources	1.4	1.5	1.5	1.6
Energy [1]	6.3	10.3	4.7	4.5
Supply	4.6	5.4	3.2	2.8
Conservation	.6	.8	.5	.7
Emergency preparedness	.3	3.3	.2	.3
Information, policy, and regulation	.9	.9	.9	.9
Community and regional development	10.1	9.4	7.2	7.4
Community development	4.9	5.1	4.6	4.5
Area and regional development	3.2	2.7	2.7	2.8
Disaster relief and insurance	2.0	1.6	−.1	.1
Agriculture [1]	4.8	5.6	14.9	21.1
Farm income stabilization	3.5	4.0	13.3	19.4
Research and services	1.4	1.5	1.6	1.7
Interest	52.5	68.7	84.7	88.9
General purpose fiscal assistance	8.6	6.9	6.4	6.4
Revenue sharing	6.8	5.1	4.6	4.6
General science, space, and technology [1]	5.7	6.4	7.1	7.8
General science and basic research [2]	1.4	1.5	1.6	1.6
Space flight	2.6	3.1	3.5	4.0
Space science, applications and technology [3]	1.3	1.4	1.5	1.5
General government [1]	4.5	4.6	4.7	5.8
Legislative functions	1.0	1.0	1.2	1.3
Management, direction (Exec.)	.1	.1	.1	.1
Central fiscal operations	2.5	2.6	2.7	3.3
General property and records management	.4	.2	.3	.6
Administration of justice	4.6	4.7	4.7	5.3
Federal law enforcement	2.2	2.4	2.5	3.0
Federal judicial activities [4]	1.3	1.5	1.5	1.7
Federal correctional activities	.3	.4	.4	.4
Criminal justice assistance	.7	.5	.3	.2
Undistributed offsetting receipts	−21.9	−30.3	−29.3	−36.4
Employer share, employee retirement	−5.8	−6.4	−7.0	−8.2
Interest received by trust funds	−12.0	−13.8	−16.1	−16.3
Rents and royalties [2]	−4.1	−10.1	−6.3	−11.8
ADDENDUM				
Off-budget Federal entities [1]	14.2	21.0	17.3	17.0
Energy supply	3.8	4.9	5.2	6.1
Farm income stabilization	4.0	5.8	1.1	.8
Mortgage credit and thrift insurance	1.9	4.0	2.8	2.7
Military assistance	1.9	1.9	2.3	2.8
Housing assistance	.1	.8	.7	.6
Higher education	1.1	2.0	.7	–

– Represents zero. Z Less than $50 million. [1] Totals reflect interfund and intragovernmental transactions and/or other functions, not shown separately. [2] On Outer Continental Shelf. [3] Includes supporting space activities. [4] Includes litigative activities.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 501. Federal Receipts and Expenditures in the National Income Accounts: 1960 to 1983

[**In billions of dollars.** For years ending **June 30** except, beginning **1976**, ending **Sept. 30.** Includes transactions of trust accounts]

RECEIPTS AND EXPENDITURES	1960	1965	1970	1975	1976	1979	1980	1981	1982	1983, est.
Receipts, total	94.8	120.0	194.9	283.4	414.3	480.6	525.1	614.7	618.2	627.9
Personal tax and nontax receipts	42.5	51.4	93.6	127.5	186.5	222.6	250.1	291.7	303.0	293.1
Corporate profits tax accruals	22.3	27.1	33.0	41.8	67.3	76.1	70.0	70.9	50.1	50.5
Indirect business tax and nontax accruals	13.2	16.9	19.2	22.2	27.2	29.1	34.7	55.7	50.7	55.2
Contributions for social insurance	16.7	24.5	49.2	91.9	133.3	153.1	170.3	196.3	214.4	229.1
Expenditures, total[1]	91.3	118.5	195.6	328.8	450.4	495.5	577.0	666.5	739.7	829.0
Purchases of goods and services	52.9	64.6	97.0	117.9	150.4	164.1	189.8	218.1	250.1	279.0
National defense	44.5	47.9	75.3	80.2	97.8	108.2	126.5	146.6	173.0	199.4
Nondefense	8.4	16.6	21.7	37.7	52.6	55.9	63.3	71.5	77.1	79.6
Transfer payments	22.5	30.6	57.0	134.5	182.2	201.8	239.4	279.2	310.8	348.6
Domestic (to persons)	20.6	28.4	55.0	131.4	178.7	197.8	234.6	273.4	304.8	342.2
Foreign	1.8	2.2	2.0	3.1	3.5	4.1	4.8	5.7	6.0	6.4
Grants-in-aid: State and local govts	6.9	10.9	22.6	48.4	74.7	79.1	86.7	90.1	83.4	86.9
Net interest paid	6.8	8.2	13.6	21.7	33.5	40.6	50.6	66.2	82.5	92.4
Subsidies less current surplus of government enterprises	2.4	4.3	5.4	6.0	9.7	9.9	10.5	13.1	12.8	22.1
Surplus (+) or deficit (−)	+3.5	+1.5	−.6	−45.4	−36.1	−14.8	−51.9	−51.9	−121.5	−201.1

[1] For some years, includes wage disbursements less accruals, not shown separately.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 502. Federal Trust Fund Receipts, Outlays, and Balances: 1970 to 1983

[**In billions of dollars.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Receipts based on collections received and deposited. Outlays stated on a checks-issued basis, less refunds collected. Balances: That portion of funds authorized for use which have not been spent. See text, p. 311 for discussion of the budget concept and trust funds]

TYPE OF FUND	1970	1975	1977	1978	1979	1980	1981	1982	1983, est.
Total receipts [1]	59.4	118.6	152.8	168.0	189.6	213.9	239.4	268.4	314.8
OASDI [2] trust funds	36.1	66.7	81.2	89.6	102.1	117.4	134.6	148.0	172.2
Health insurance trust funds	7.5	16.9	22.8	27.6	31.7	35.7	45.3	55.2	59.5
State and local fiscal assistance trust funds [3]	(X)	6.2	6.7	6.9	6.9	6.9	4.6	4.6	4.6
Unemployment insurance funds	4.1	8.2	15.0	15.2	15.9	16.2	18.1	20.5	32.0
Railroad employees retirement funds	1.7	2.8	3.6	3.9	4.2	4.4	4.7	4.9	5.4
Federal employees retirement funds	4.7	11.5	16.7	17.8	20.5	24.5	28.6	32.0	35.2
Airport and airway trust funds	(X)	1.1	1.4	1.5	1.8	2.3	.6	.7	2.8
Highway trust funds	5.5	6.8	7.3	7.6	8.0	7.6	7.4	7.8	9.6
Foreign military sales trust funds	.8	4.4	9.4	8.4	8.5	7.7	9.5	11.8	12.3
Veterans life insurance funds	.8	.9	1.0	1.0	1.0	1.1	1.1	1.2	1.2
Total outlays [1]	49.1	111.2	143.3	155.3	171.3	205.1	232.6	262.2	296.4
OASDI [2] trust funds	30.3	64.7	85.1	93.9	104.1	118.6	139.6	156.0	170.5
Health insurance trust funds	7.1	14.8	21.5	25.2	29.1	35.0	42.5	50.4	57.3
State and local fiscal assistance trust funds [4]	(X)	6.1	6.8	6.8	6.8	6.8	5.1	4.6	4.6
Unemployment insurance funds	3.6	13.2	14.1	11.2	11.2	16.4	18.7	24.3	35.7
Railroad employees retirement funds	1.6	3.1	3.8	4.0	4.3	4.7	5.3	5.4	6.8
Federal employees retirement funds	2.8	7.1	9.7	11.0	12.5	14.9	17.9	19.7	21.3
Airport and airway trust funds	(X)	.6	.9	1.1	1.1	1.2	1.3	1.5	2.2
Highway trust funds	4.4	4.8	6.1	6.1	7.2	9.2	9.2	8.0	8.6
Foreign military sales trust funds	1.0	3.5	8.2	8.1	7.1	8.8	9.9	12.0	12.8
Veterans life insurance funds	.8	.8	.8	.7	.1	1.0	1.0	1.0	1.0
Balances	97.2	142.6	152.5	165.2	183.6	192.4	199.1	205.4	223.8
OASDI [2] trust funds	37.7	48.2	39.6	35.4	33.4	32.3	27.2	19.3	33.5
Health insurance trust funds	2.7	11.3	13.4	15.8	18.4	19.0	21.8	26.7	16.5
State and local fiscal assistance trust funds	(X)	1.7	1.8	1.8	1.8	1.8	1.3	1.3	1.3
Unemployment trust fund	13.1	7.4	6.5	10.4	15.1	14.9	14.4	10.7	7.3
Railroad employees retirement accounts	4.8	4.3	3.2	3.1	3.1	2.7	2.0	1.3	.5
Federal employees retirement funds	22.5	38.8	49.9	56.7	64.7	74.3	85.0	97.3	111.2
Airport and airway trust fund	(X)	2.0	3.3	3.7	4.4	5.4	4.7	3.9	4.5
Highway trust funds	2.6	9.6	10.2	11.7	12.6	11.0	9.3	9.0	10.0
Foreign military sales trust fund	.5	2.1	4.6	4.9	6.3	5.2	4.7	4.6	4.1
Veterans life insurance funds	7.1	7.7	8.0	8.3	8.4	8.5	8.6	8.8	9.0
Other trust funds (nonrevolving)	.6	.7	.9	1.0	1.3	1.7	2.2	2.8	3.1
Trust revolving funds	5.5	8.9	11.2	12.5	14.1	15.5	17.7	19.7	23.0

X Not applicable. [1] After deductions for intrafund transactions, proprietary receipts from public, receipts from off-budget Federal agencies, and receipts and outlays from trust funds, not shown separately. [2] Old-age, survivors, and disability insurance. [3] Deposits for general revenue sharing. [4] Payments for general revenue sharing.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

NO. 503. FEDERAL BUDGET RECEIPTS, BY MAJOR SOURCE: 1960 TO 1983

[In billions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series Y 343-351]

MAJOR SOURCE	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983, est.
Total receipts	**92.5**	**116.8**	**192.8**	**279.1**	**355.6**	**399.6**	**463.3**	**517.1**	**599.3**	**617.8**	**597.5**
Individual income taxes	40.7	48.8	90.4	122.4	157.6	181.0	217.8	244.1	285.9	297.7	285.2
Social insurance taxes and contributions	14.7	22.3	44.4	84.5	106.5	121.0	138.9	157.8	182.7	201.5	210.3
Employment taxes and contributions	11.2	17.4	39.1	75.2	92.2	103.9	120.1	138.7	163.0	180.7	186.4
Unemployment insurance	2.7	3.8	3.5	6.8	11.3	13.9	15.4	15.3	15.8	16.6	19.5
Other contributions	.8	1.1	1.8	2.6	3.0	3.2	3.5	3.7	4.0	4.2	4.4
Corporation income taxes	21.5	25.5	32.8	40.6	54.9	60.0	65.7	64.6	61.1	49.2	35.3
Excise taxes	11.7	14.6	15.7	16.6	17.5	18.4	18.7	24.3	40.8	36.3	37.3
Estate and gift taxes	1.6	2.7	3.6	4.6	7.3	5.3	5.4	6.4	6.8	8.0	6.1
Customs duties	1.1	1.4	2.4	3.7	5.2	6.6	7.4	7.2	8.1	8.9	8.8
Miscellaneous receipts	1.2	1.6	3.4	6.7	6.5	7.4	9.3	12.7	13.8	16.2	14.5
PERCENT DISTRIBUTION											
Individual income taxes	44.0	41.8	46.9	43.9	44.3	45.3	47.0	47.2	47.7	48.2	47.7
Social insurance taxes and contributions	15.9	19.1	23.0	30.3	29.9	30.3	30.0	30.5	30.5	32.6	35.2
Employment taxes and contributions	12.1	14.9	20.3	27.1	25.9	26.0	25.9	26.8	27.1	29.2	31.2
Corporation income taxes	23.2	21.8	17.0	14.6	15.4	15.0	14.2	12.5	10.2	8.0	5.9
Excise taxes	12.6	12.5	8.1	5.9	4.9	4.6	4.0	4.7	6.8	5.9	6.2
Customs, estate, and gift taxes	2.9	3.6	3.2	3.0	3.5	3.0	2.7	2.6	2.5	2.7	2.5
Miscellaneous receipts	1.3	1.4	1.8	2.4	1.8	1.9	2.0	2.5	2.3	2.6	2.4

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual; and unpublished document, "Federal Government Finances," February 1983 edition.

NO. 504. EXECUTIVE CONTROLLABILITY OF FEDERAL BUDGET OUTLAYS: 1970 TO 1983

[In billions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30; transition quarter, July-Sept. 1976, omitted. Outlays considered relatively uncontrollable are those which can neither be increased nor decreased by Presidential decisions without a change in existing Federal laws or are beyond administrative control, such as benefit payments that beneficiaries are entitled to by law or contractual agreement or other existing legally binding commitments. This table is based on a Presidential perspective]

OUTLAYS	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, est.
Total outlays	**195.7**	**324.2**	**364.5**	**400.5**	**448.4**	**491.0**	**576.7**	**657.2**	**728.4**	**805.2**
Relatively uncontrollable outlays	**123.2**	**228.4**	**257.5**	**283.5**	**323.8**	**354.8**	**424.4**	**485.0**	**548.4**	**614.0**
Percent of total outlays	63.0	70.4	70.7	70.8	72.2	72.3	73.6	73.7	75.3	76.3
Open-ended programs and fixed costs	81.3	175.2	203.8	224.7	246.9	269.5	321.2	376.4	426.9	476.2
Payments for individuals	61.5	142.6	167.0	182.5	195.6	214.8	252.5	294.5	327.0	367.0
Social Security and railroad retirement	31.2	68.3	76.0	87.5	96.1	106.7	121.8	143.2	159.3	175.8
Federal employees' retirement and insurance [1]	8.8	18.4	21.2	24.0	26.7	30.0	34.7	40.5	44.5	47.7
Military retirement pay	2.8	6.2	7.3	8.2	9.2	10.3	11.9	13.7	14.9	16.1
Other [1]	5.9	12.2	13.9	15.8	17.5	19.7	22.8	26.8	29.5	31.6
Unemployment assistance	3.4	13.5	19.5	15.3	11.8	10.7	18.0	19.5	23.6	34.9
Medical care	9.9	21.6	26.3	31.4	35.9	41.6	49.0	59.3	67.8	76.7
Assistance to students [1]	1.0	4.7	5.7	3.8	3.9	3.7	3.9	4.7	5.1	4.1
Food and nutrition assistance	(x)	1.6	1.9	2.8	2.7	3.0	3.5	3.5	3.0	3.2
Public assistance and related programs	6.4	12.6	14.6	15.7	16.7	16.4	18.6	20.8	20.7	21.7
All other relatively uncontrollable payments for individuals [1]	.9	2.0	1.9	2.0	2.0	2.7	3.0	3.0	2.9	2.8
Net interest	14.4	23.2	26.7	29.9	35.4	42.6	52.5	68.7	64.7	89.5
General revenue sharing	(x)	6.1	6.2	6.8	6.8	6.8	6.8	5.1	4.6	4.6
Farm price supports [2]	3.8	.6	.6	3.5	5.5	3.7	2.9	4.1	11.6	18.9
Other	1.6	2.6	3.3	2.0	3.5	1.5	6.5	4.0	−.9	−3.7
Prior-year contracts and obligations [3]	41.9	53.3	53.7	58.8	76.9	85.3	103.2	108.6	121.5	137.7
National defense	24.1	22.3	17.9	18.5	28.2	30.9	36.5	41.4	56.9	71.8
Civilian programs	17.8	31.0	35.8	40.3	48.7	54.4	66.7	67.2	64.5	65.9
Relatively controllable outlays	**74.9**	**99.8**	**111.2**	**121.6**	**129.6**	**141.4**	**158.1**	**178.6**	**187.0**	**199.5**
National defense	51.6	57.0	64.2	70.8	67.8	76.4	87.3	104.5	115.4	126.6
Civilian programs	23.3	42.8	47.0	50.8	61.8	65.1	70.7	74.1	71.6	72.8
Undistributed employer share, employee retirement	−2.4	−4.0	−4.2	−4.5	−4.9	−5.3	−5.8	−6.4	−7.0	−8.2

X Not applicable. [1] Includes items previously classified in the veterans' benefits grouping. [2] Prices from Commodity Credit Corporation. [3] Excludes prior year contracts and obligations for items under open-ended programs and fixed costs.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual; and unpublished document, "Federal Government Finances," February 1983 edition.

NO. 505. FEDERAL BUDGET OUTLAYS IN CURRENT AND CONSTANT (1972) DOLLARS: 1960 TO 1983

[For years ending **June 30** except, beginning **1977**, ending **Sept. 30**. Given the inherent imprecision in deflating outlays, the data shown in constant dollars present a reasonable perspective—not precision. The deflators and the categories that are deflated are as comparable over time as is feasible]

YEAR	OUTLAYS (bil. dol.)						PERCENT OF TOTAL OUTLAYS					Avg. annual percent change, total outlays [4]
	Total	National defense	Total nondefense [1]	Payments for individuals [2]	Net interest [3]	Aid to State and local govt.	National defense	Total nondefense [1]	Payments for individuals [2]	Net interest [3]	Aid to State and local govt.	
	CURRENT DOLLARS											
1960	92.2	45.2	47.1	23.6	6.9	7.0	49.0	51.0	25.6	7.5	7.6	[5] 1
1965	118.4	47.5	71.0	32.3	8.6	10.9	40.1	59.9	27.3	7.2	9.2	5.1
1970	195.7	78.6	117.1	63.2	14.4	24.0	40.1	59.9	32.3	7.3	12.3	10.6
1972	230.7	76.6	154.1	90.8	15.5	34.4	33.2	66.8	39.4	6.7	14.9	8.6
1973	245.6	74.5	171.1	102.1	17.3	41.8	30.3	69.7	41.6	7.1	17.0	6.5
1974	267.9	77.8	190.1	117.5	21.4	43.4	29.0	71.0	43.9	8.0	16.2	9.1
1975	324.2	85.6	238.7	150.4	23.2	49.8	26.4	73.6	46.4	7.2	15.4	21.0
1976	364.5	89.4	275.0	176.6	26.7	59.1	24.5	75.5	48.5	7.3	16.2	12.4
1976, TQ [6]	94.2	22.3	71.9	44.9	6.9	15.9	23.7	76.3	47.7	7.4	16.9	(x)
1977	400.5	97.5	303.0	192.4	29.9	68.4	24.3	75.7	48.0	7.5	17.1	9.9
1978	448.4	105.2	343.2	206.5	35.4	77.9	23.5	76.5	46.0	7.9	17.4	12.0
1979	491.0	117.7	373.3	227.5	42.6	82.9	24.0	76.0	46.3	8.7	16.9	9.5
1980	576.7	135.9	440.8	271.1	52.5	91.5	23.6	76.4	47.0	9.1	15.9	17.5
1981	657.2	159.8	497.4	316.6	68.7	94.8	24.3	75.7	48.2	10.5	14.4	14.0
1982	728.4	187.4	541.0	348.6	84.7	88.2	25.7	74.3	47.9	11.6	12.1	10.8
1983, est.	805.2	214.8	590.4	391.9	88.9	93.5	26.7	73.3	48.7	11.0	11.6	10.5
	CONSTANT (1972) DOLLARS											
1960	143.3	72.9	70.4	32.6	10.0	10.8	50.9	49.1	22.7	7.0	7.5	[5] −2.3
1965	166.9	68.9	98.0	41.5	11.4	15.4	41.3	58.7	24.9	6.8	9.2	3.1
1970	220.2	90.1	130.1	68.6	15.8	27.0	40.9	59.1	31.2	7.2	12.3	5.7
1972	230.7	76.6	154.1	90.8	15.5	34.4	33.2	66.8	39.4	6.7	14.9	2.4
1973	233.3	70.0	163.3	98.1	16.6	39.7	30.0	70.0	42.0	7.1	17.0	1.1
1974	236.9	68.4	168.5	104.4	19.1	38.0	28.9	71.1	44.1	8.1	16.0	1.5
1975	260.2	68.7	191.5	121.8	18.8	39.3	26.4	73.6	46.6	7.2	15.1	9.8
1976	274.3	67.1	207.2	134.9	20.3	43.5	24.5	75.5	49.2	7.4	15.9	5.4
1976, TQ [6]	68.3	16.3	52.1	33.0	5.1	11.5	23.9	76.3	48.3	7.5	16.8	(x)
1977	280.6	67.8	212.9	137.6	21.2	46.8	24.2	75.9	49.0	7.6	16.7	2.3
1978	293.8	68.0	225.8	138.7	23.6	49.5	23.1	76.9	47.2	8.0	16.8	4.7
1979	297.2	70.6	226.6	140.7	26.1	48.1	23.8	76.2	47.3	8.8	16.2	1.2
1980	316.7	72.7	244.1	152.4	29.5	48.3	23.0	77.1	48.1	9.3	15.3	6.6
1981	327.5	76.4	251.1	162.9	35.2	46.1	23.3	76.7	49.7	10.7	14.1	3.4
1982	338.7	81.7	257.0	168.3	40.5	40.5	24.1	75.9	49.7	12.0	12.0	3.4
1983, est.	356.6	88.8	267.8	180.2	40.5	40.7	24.9	75.1	50.5	11.4	11.4	5.3

X Not applicable. [1] Includes other items, not shown separately. [2] Includes small grants-in-aid to State and local governments. [3] Total interest less interest received by trust funds. [4] See footnote 2, table 498. [5] Percent change from 1959; from previous year shown for all other years. [6] Transition quarter, July-Sept.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual; and in unpublished document, "Federal Government Finances," March 1983 edition.

NO. 506. OFF-BUDGET FEDERAL OUTLAYS BY ENTITY AND SELECTED SUBFUNCTION: 1975 TO 1983

[In millions of dollars. For years ending **June 30** except, beginning **1977**, ending **Sept. 30**. Negative outlays (—) result from offsetting receipts exceeding outlays from appropriations and balances]

ENTITY	1975	1976	1977	1978	1979	1980	1981	1982	1983, est.
Off-budget outlays, total	**8,088**	**7,307**	**8,700**	**10,359**	**12,467**	**14,245**	**21,005**	**17,331**	**17,045**
REA [1] and telephone revolving fund	477	213	394	62	−4	−30	34	(Z)	-
Rural telephone bank	110	93	59	113	101	158	114	79	145
Strategic petroleum reserve	(2)	(2)	(2)	(2)	(2)	(2)	(2)	3,887	1,771
Postal Service	1,112	1,085	−173	−496	−891	−431	89	−553	935
USRA [3] regional rail organization	34	52	219	66	89	36	−267	−23	−57
Federal Financing Bank for: Total [4]	**6,355**	**5,863**	**8,201**	**10,614**	**13,172**	**14,513**	**21,035**	**14,142**	**14,251**
REA [1] and telephone revolving fund	255	860	1,222	2,093	2,320	3,188	4,601	4,467	5,910
FmHA: [5] Rural housing insurance fund	3,175	2,550	3,105	3,360	2,930	1,906	4,045	2,800	2,650
Foreign military sales fund	112	787	1,409	1,462	1,293	1,932	1,945	2,288	2,848
FmHA: [5] Agriculture credit insurance fund	1,375	675	1,250	3,640	5,045	3,982	5,790	1,055	835
FmHA: [5] Rural development insurance fund	450	575	610	660	830	993	1,025	1,060	686
Other	673	524	385	−755	334	1,297	1,595	1,774	1,322

- Represents zero. Z Less than $500,000. [1] REA=Rural Electrification Administration. [2] Funding for strategic petroleum reserve began in fiscal year 1982. [3] USRA=United States Rail Authority. [4] Includes non-loan residual not shown separately. [5] FmHA=Farmers Home Administration.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 507. Federal Budget Outlays, by Function: 1960 to 1983

[In billions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30. See table 500 for detailed functions. See also *Historical Statistics, Colonial Times to 1970*, series Y 466-487]

Function	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983, est.
Total budget outlays	92.2	118.4	195.7	324.2	400.5	448.4	491.0	576.7	657.2	728.4	805.2
National defense	45.2	47.5	78.6	85.6	97.5	105.2	117.7	135.9	159.8	187.4	214.8
Human resources	25.5	35.4	72.5	166.8	213.5	232.9	256.7	300.3	345.5	372.6	415.9
Income security	18.3	25.7	43.1	108.6	137.9	146.2	160.2	193.1	225.1	248.3	282.5
Health	.8	1.8	12.1	25.7	36.6	41.2	47.0	55.2	66.0	74.0	82.4
Veterans benefits and services	5.4	5.7	8.7	16.6	18.0	19.0	19.9	21.2	23.0	24.0	24.4
Education, training, employment [1]	1.0	2.1	8.6	15.9	21.0	26.5	29.7	30.8	31.4	26.3	26.7
Other nondefense	21.5	35.4	44.8	71.8	89.5	110.2	116.7	140.6	152.0	168.5	174.6
Commerce and housing credit	1.6	1.2	2.1	5.6	.1	3.3	2.6	7.8	3.9	3.9	1.9
Transportation	4.1	5.7	7.0	10.4	14.6	15.4	17.5	21.1	23.4	20.6	21.9
Natural resources and environment	1.6	2.5	3.1	7.3	10.0	10.9	12.1	13.8	13.5	12.9	12.1
Energy	.5	.7	1.0	2.2	4.2	5.9	6.9	6.3	10.3	4.7	4.5
Community, regional development	.2	1.1	2.4	3.7	6.3	11.1	9.5	10.1	9.4	7.2	7.4
Agriculture	2.6	3.9	5.2	1.7	5.5	7.7	6.2	4.8	5.6	14.9	21.1
Net interest	6.9	8.6	14.4	23.2	29.9	35.4	42.6	52.5	68.7	84.7	88.9
Revenue sharing [2]	.2	.2	.5	7.2	9.5	9.6	8.4	8.6	6.9	6.4	6.4
International affairs	3.0	5.2	4.3	6.9	4.8	5.9	6.1	10.7	11.1	10.0	11.9
General science, space, technology	.6	5.8	4.5	4.0	4.7	4.7	5.0	5.7	6.4	7.1	7.8
General government	1.0	1.4	1.9	3.1	3.2	3.7	4.1	4.5	4.6	4.7	5.8
Administration of justice	.4	.5	1.0	2.9	3.6	3.8	4.2	4.6	4.7	4.7	5.3
Undistributed offsetting receipts	−1.2	−1.4	−2.6	−6.4	−6.9	−7.2	−8.5	−9.9	−16.5	−13.3	−20.4
PERCENT DISTRIBUTION											
Total outlays	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
National defense	49.0	40.1	40.1	26.4	24.3	23.5	24.0	23.6	24.3	25.7	26.7
Income security	19.8	21.7	22.0	33.5	34.4	32.6	32.6	33.5	34.3	34.1	35.1
Health	.9	1.5	6.2	7.9	9.1	9.2	9.6	9.6	10.0	10.2	10.2
Veterans benefits and services	5.9	4.8	4.4	5.1	4.5	4.2	4.1	3.7	3.5	3.3	3.0
Education, training, employment [1]	1.0	1.8	4.4	4.9	5.2	5.9	6.0	5.3	4.8	3.6	3.3
Commerce and housing credit	1.8	1.0	1.1	1.7	(z)	.7	.5	1.4	.6	.5	.2
Transportation	4.5	4.9	3.6	3.2	3.7	3.4	3.6	3.7	3.6	2.8	2.7
Natural resources and environment	1.7	2.1	1.6	2.3	2.5	2.4	2.5	2.4	2.1	1.8	1.5
Energy	.5	.6	.5	.7	1.0	1.3	1.4	1.1	1.6	.6	.6
Community and regional development	.2	.9	1.2	1.2	1.6	2.5	1.9	1.7	1.4	1.0	.9
Agriculture	2.8	3.3	2.6	.5	1.4	1.7	1.3	.8	.8	2.0	2.6
Net interest	7.5	7.2	7.3	7.2	7.5	7.9	8.7	9.1	10.5	11.6	11.0
Revenue sharing [2]	.2	.2	.3	2.2	2.4	2.1	1.7	1.5	1.0	.9	.8
International affairs	3.2	4.4	2.2	2.1	1.2	1.3	1.2	1.9	1.7	1.4	1.5
General science, space, technology	.6	4.9	2.3	1.2	1.2	1.1	1.0	1.0	1.0	1.0	1.0
General government	1.1	1.2	.9	1.0	.8	.8	.8	.8	.7	.6	.7
Administration of justice	.4	.4	.5	.9	.9	.8	.8	.8	.7	.6	.7
Undistributed offsetting receipts	−1.3	−1.2	−1.3	−2.0	−1.7	−1.6	−1.7	−1.7	−2.5	−1.8	−2.5

Z Less than $50 million or .05 percent. [1] Includes social services. [2] Includes general purpose fiscal assistance.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual; and unpublished document, "Federal Government Finances," March 1983 edition.

No. 508. Selected Governmental Economic and Business Indicators—Average Annual Percent Change: 1939 to 1980

Item	1939-40 to 1949-50	1949-50 to 1959-60	1959-60 to 1969-70	1969-70 to 1979-80
SELECTED ECONOMIC SERIES [1]				
Gross national product	11.1	5.9	7.0	10.2
Population (July 1)	1.8	1.4	1.3	1.1
Civilian employment	2.2	1.1	1.8	2.2
Per capita disposable income in constant (1972) dollars	2.6	1.3	3.1	2.2
Consumer price index	5.6	2.1	2.7	7.8
ALL GOVERNMENTS [2]				
Expenditures	13.2	8.0	8.2	10.7
Tax receipts	14.4	8.7	8.1	10.2
Debt	15.1	2.4	3.7	9.2

Item	1939-40 to 1949-50	1949-50 to 1959-60	1959-60 to 1969-70	1969-70 to 1979-80
FEDERAL GOVERNMENT [3]				
Budget receipts	20.0	8.9	7.7	10.4
Budget outlays	16.2	8.0	7.9	11.4
Public debt	19.6	1.2	2.8	9.1
National defense and international affairs outlays	27.6	10.7	5.5	5.9
Domestic civilian expenditures	11.3	7.1	10.2	14.3
Federal tax receipts (incl. social insurance taxes)	21.1	8.9	7.7	10.1
Federal civilian employment	6.6	2.1	2.0	.6

[1] Relates to calendar years 1940, 1950, 1960, 1970, and 1980. [2] Relates to fiscal years 1940, 1950, 1960, 1970, and 1979. [3] Relates to fiscal years 1940, 1950, 1960, 1970, and 1980.

Source: Tax Foundation, Inc., Washington, D.C., *Facts and Figures on Government Finance*, biennial.

No. 509. Revenue Loss Estimates for Selected "Tax Expenditures" by Function: 1982 and 1983

[In millions of dollars. For years ending Sept. 30. Represents tax expenditures of $100 million or more in 1983]

DESCRIPTION	1982	1983
National defense:		
Exclusion of benefits and allowances to Armed Forces personnel	2,250	2,200
Exclusion of military disability pensions	165	165
International affairs:		
Exclusion of income earned abroad by United States citizens	985	1,285
Deferral of income of domestic international sales corporations (DISC)	1,550	1,385
General science, space, and technology:		
Credit for increasing research activities	415	645
Energy:		
Expensing of exploration and development costs:		
Oil and gas	3,430	1,520
Excess of percentage over cost depletion:		
Oil and gas	2,100	1,850
Other fuels	410	505
Capital gains treatment of royalties on coal	205	180
Residential energy credits:		
Supply incentives	250	430
Conservation incentives	360	330
Alternative conservation and new technology credit:		
Supply incentives	205	195
Conservation incentives	220	125
Natural resources and environment:		
Excess of percentage over cost depletion, nonfuel minerals	405	440
Exclusion of interest on State and local government pollution control bonds	825	975
Tax incentives for preservation of historic structures	185	270
Capital gains treatment of certain timber income	335	370
Agriculture:		
Expensing of certain capital outlays	545	560
Capital gains treatment of certain income	610	615
Commerce and housing credit:		
Dividend and interest exclusion	2,160	445
Exclusion of interest on State and local industrial development bonds	1,640	2,120
Exemption of credit union income	150	170
Excess bad debt reserves of financial institutions	405	405
Exclusion of interest on life insurance savings	4,535	4,805
Deductibility of interest on consumer credit	10,825	10,765
Deductibility of mortgage interest on owner-occupied homes	23,305	25,065
Deductibility of property tax on owner-occupied homes	8,360	8,765
Exclusion of interest on State and local housing bonds for owner-occupied housing	905	1,110
Capital gains (other than agriculture, timber, iron ore and coal)	18,020	15,890
Deferral of capital gains on home sales	1,625	1,480
Exclusion of capital gains on home sales for persons age 55 and over	585	535
Carryover basis of capital gains at death	1,995	2,180
Investment credit, other than ESOP's rehabilitation of structures, energy property, and reforestation expenditures	16,455	12,985
Safe harbor leasing rules	3,333	2,990
Exclusion of interest on certain savings certificates	935	1,665
Reinvestment of dividends in public utility stock	130	365
Community and regional development:		
Investment credit for rehabilitation of structures	250	335
Education, training, employment, and social services:		
Exclusion of interest on State and local student loan bonds	100	155
Parental personal exemption for students age 19 or over	1,070	995
Exclusion of employee meals and lodging (other than military)	655	680
Investment credit for ESOP's	1,390	1,250
Deductibility of charitable contributions (education)	835	775
Deductibility of charitable contributions, other than education and health	7,595	7,145
Credit for child and dependent care expenses	1,175	1,520
Targeted jobs credit	235	290
Health:		
Exclusion of employer contributions for medical insurance premiums and medical care	16,365	18,645
Deductibility of medical expenses	3,945	3,105
Exclusion of interest on State and local hospital bonds	680	865
Deductibility of charitable contributions (health)	1,245	1,170
Income security:		
Exclusion of Social Security benefits:		
Disability insurance benefits	1,780	1,690
OASI benefits for retired workers	14,825	15,685
Benefits for dependents and survivors	3,725	3,765
Exclusion of railroad retirement system benefits	790	780
Exclusion of workmen's compensation benefits	1,730	1,870
Exclusion of special benefits for disabled coal miners	185	170
Exclusion of untaxed unemployment insurance benefits	2,500	3,260
Exclusion of disability pay	155	145
Net exclusion of pension contributions and earnings:		
Employer plans	45,280	49,700
Plans for self-employed and others	2,835	3,755
Exclusion of other employee benefits:		
Premiums on group term life insurance	2,035	2,100
Premiums on accident and disability insurance	120	115
Additional exemption for elderly	2,385	2,365
Tax credit for the elderly	135	135
Deductibility of casualty losses	920	575
Earned income credit [1]	455	385
Exclusion of interest on State and local housing bonds for rental housing	395	530
Veterans benefits and services:		
Exclusion of veterans disability compensation	1,855	1,825
Exclusion of veterans pensions	330	310
Exclusion of GI bill benefits	180	150
General government:		
Credit and deductions for political contributions	180	190
General purpose fiscal assistance:		
Exclusion of interest on general purpose State and local debt	6,885	8,000
Deductibility of nonbusiness State and local taxes other than on owner-occupied homes	19,160	20,060
Tax credit for corporations receiving income from doing business in United States possessions	1,375	1,245
Interest:		
Deferral of interest on savings bonds	135	435

[1] Indicates the effect of the earned income tax credit on receipts. The effect on outlays is: 1982, $1,201 million; and 1983, $1,205 million (estimate).

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

No. 510. Federal Budget Outlays, by Agency: 1970 to 1983

[In millions of dollars. For years ending June 30 except, beginning 1978, ending Sept. 30]

Department or other unit	1970	1975	1978	1979	1980	1981	1982	1983
Total	**195,652**	**324,244**	**448,361**	**490,982**	**576,669**	**657,204**	**728,375**	**805,202**
Legislative branch	343	726	1,049	1,077	1,218	1,209	1,362	1,527
The Judiciary	128	284	435	480	564	637	705	820
Executive Office of the President	36	93	75	80	95	96	95	102
Funds appropriated to President	2,904	3,988	4,450	2,623	7,523	7,010	6,073	7,287
Departments:								
Agriculture	8,301	9,722	20,368	20,636	24,555	26,034	36,213	45,015
Commerce	1,079	1,583	5,239	4,072	3,755	[1] 11,484	2,045	1,969
Defense	78,360	87,071	105,595	117,921	136,067	[2] 159,244	185,821	211,861
Education [3] [4]	(NA)	(NA)	(NA)	10,879	13,112	([2])	([2])	([2])
Energy [5]	2,459	3,165	6,286	7,893	6,464	([1])	([1])	([1])
Energy activities	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7,577	8,733
Health and Human Services [4] [6]	(NA)	(NA)	(NA)	167,650	191,759	[2] 228,115	251,267	274,448
Health, Education, and Welfare [4]	51,734	110,504	160,413	([4])	([4])	([4])	([4])	([4])
Housing and Urban Development	2,603	7,488	7,589	9,213	12,576	14,033	14,491	14,853
Interior	992	2,139	3,821	4,087	4,377	[1] [2] 6,775	3,922	4,047
Justice	640	2,067	2,397	2,522	2,692	[1] [2] 2,752	2,584	2,955
Labor [7]	5,194	17,615	22,864	22,610	29,724	30,084	30,736	42,995
State	448	829	1,252	1,548	1,938	1,897	2,185	2,287
Transportation	6,412	9,247	13,452	15,486	18,963	22,509	19,917	21,157
Treasury	19,509	41,177	56,355	65,044	76,691	[2] 93,372	110,521	118,026
Independent agencies: [1] [2]								
Environmental Protection Agency	384	2,530	4,071	4,800	5,602	5,241	5,080	4,370
National Aero. and Space Admin	3,749	3,267	3,980	4,187	4,850	5,421	6,026	6,713
Foundation for Education Assistance [2]	(NA)	(NA)	(NA)	(NA)	(NA)	13,063	14,080	14,396
Office of Personnel Management [8]	2,647	7,036	10,952	12,654	15,050	18,089	19,973	21,546
Railroad Retirement Board	1,600	3,083	4,075	4,365	4,788	5,308	5,733	5,828
Small Business Administration	253	618	2,766	1,631	1,899	1,913	631	577
Tennessee Valley Authority	211	767	1,412	1,884	1,869	1,928	1,478	1,350
Veterans Administration	8,653	16,575	18,962	19,887	21,135	22,904	23,937	24,387
Other independent agencies	3,580	6,745	6,274	6,241	11,396	8,405	5,260	4,716
Undistributed offsetting receipts	−6,567	−14,075	−15,772	−18,488	−21,933	−30,319	−29,337	−36,764
Employer share, employee retirement	−2,444	−3,980	−4,983	−5,271	−5,787	−6,371	−7,020	−8,214
Interest received by trust funds	−3,936	−7,667	−8,530	−9,950	−12,045	−13,810	−16,067	−16,349
Rents and royalties on the Outer Continental Shelf lands	−187	−2,428	−2,259	−3,267	−4,101	−10,138	−6,250	−11,793
Federal surplus property disposition	(X)	(X)	(X)	(X)	(X)	(X)	(X)	−408

NA Not available. X Not applicable. [1] The 1983 Budget proposed dismantlement of the Dept. of Energy (DOE), effective Oct. 1, 1982. Budget data for activities previously performed by DOE are included in the agencies that were proposed to assume these activities. [2] The 1983 Budget proposed dismantlement of the Dept. of Education (DED), effective Oct. 1, 1982. Budget data for activities previously performed by DED are included in the agencies that were proposed to assume these responsibilities. [3] New agency which assumed education activities previously performed by Dept. of Health, Education, and Welfare, and other education programs. [4] The Budget shows the Dept. of Education and the Dept. of Health and Human Services as if they existed since 1979. [5] See footnote 8, table 542. [6] This agency has assumed the health and welfare activities previously performed by the Dept. of Health, Education, and Welfare. [7] Beginning 1975, includes Pension Benefit Guaranty Corporation. [8] Civil Service Commission prior to 1979.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 511. Public Debt of the Federal Government: 1940 to 1982

[Through 1976, as of June 30; beginning 1977, as of Sept. 30. Total *public debt* is restricted to borrowing by the Treasury and the value of savings bonds at current redemption value. See table 498 for "gross Federal debt." For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (−) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series Y 461, 493, and 494]

Year	Public debt			Interest paid		Year	Public debt			Interest paid	
	Total [1] (bil. dol.)	Average annual percent change [2]	Per capita [3] (dol.)	Total (bil. dol.)	Percent of Federal outlays [4]		Total [1] (bil. dol.)	Average annual percent change [2]	Per capita [3] (dol.)	Total (bil. dol.)	Percent of Federal outlays [4]
1940	43.0	8.4	325	1.0	11.5	1974	474.2	3.7	2,223	29.3	10.9
1945	258.7	43.0	1,849	3.8	3.7	1975	533.2	12.4	2,475	32.7	10.1
1950	256.1	−.1	1,688	5.7	14.5	1976	620.4	16.4	2,852	37.1	10.1
1955	272.8	1.3	1,651	6.4	9.3	1977	698.8	10.1	3,170	41.9	10.4
1960	284.1	.9	1,572	9.2	10.0	1978	771.5	10.4	3,463	48.7	10.8
1965	313.8	2.0	1,613	11.3	9.5	1979	826.5	7.1	3,669	59.8	12.1
1970	370.1	3.3	1,814	19.3	9.8	1980	907.7	9.8	3,985	74.9	12.9
1971	397.3	7.4	1,921	21.0	9.9	1981	997.9	9.9	4,338	95.6	14.5
1972	426.4	7.3	2,037	21.8	9.4	1982	1,142.0	14.4	4,919	117.4	16.1
1973	457.3	7.2	2,164	24.2	9.8						

[1] Adjusted to exclude nonmarketable issues to the International Monetary Fund and other international institutions for 1950, 1955, 1960, 1965, and 1970–1974. [2] From preceding year shown; for 1940, change from 1935. [3] 1940–1976, based on estimated July 1 population; thereafter, based on October 1 population; prior to 1960, excludes Alaska and Hawaii.

[4] Calculated on total expenditures not reduced by interfund transactions representing interest and certain other payments to Treasury through 1950. Beginning 1955, outlays, net of applicable receipts.

Source: U.S. Dept. of the Treasury, *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury on the State of the Finances* through fiscal 1980; thereafter, *Monthly Statement of the Public Debt of the United States*, and *Final Monthly Treasury Statement of Receipts and Outlays of the U.S. Government*.

No. 512. Federal Participation in Domestic Credit Markets: 1975 to 1983

[**In billions of dollars, except percent.** See headnote, table 517. Federal credit programs are primarily in three forms: direct loans from the Federal government, Federal guarantees of private lending, and lending by privately owned Government-sponsored enterprises]

TYPE OF PARTICIPATION	1975	1976	1977	1978	1979	1980	1981	1982	1983, est.
Total funds advanced in U.S. credit markets, including equities [1]	177.9	243.1	308.3	383.4	426.4	366.4	427.2	408.7	(NA)
Advanced under Federal auspices [2]	27.0	26.9	36.7	56.4	72.9	79.9	66.5	87.6	130.9
Federal participation rate (percent)	15.2	11.1	11.9	15.2	17.1	21.8	20.2	21.4	(NA)
Direct loans:									
On-budget	5.8	4.2	2.6	8.6	6.0	9.5	5.2	9.1	5.2
Off-budget	7.0	6.7	9.0	11.2	13.6	14.7	20.9	14.3	14.4
Guaranteed loans	8.6	11.1	13.5	13.4	25.2	31.6	28.0	20.9	55.8
Government-sponsored enterprise loans	5.6	4.9	11.7	25.2	28.1	24.1	32.4	43.4	55.5
Total funds raised in U.S. credit markets [1]	177.9	243.1	308.3	383.4	426.4	366.4	427.2	408.7	(NA)
Raised under Federal auspices	64.8	98.1	79.0	93.9	80.7	123.5	142.1	199.7	324.3
Federal participation rate (percent)	36.4	40.4	25.6	24.5	18.9	33.7	33.3	48.9	(NA)
Federal borrowing from public	50.9	82.9	53.5	59.1	33.6	70.5	79.3	135.0	215.0
Borrowing for guaranteed loans	8.6	11.1	13.5	13.4	25.2	31.6	28.0	20.9	55.8
Government-sponsored enterprise borrowing	5.3	4.1	12.0	21.4	21.9	21.4	34.8	43.8	53.5

NA Not available. [1] Nonfinancial sectors. [2] Estimated.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

No. 513. Federal Securities—Distribution Issue By Class of Investor: 1970 to 1982

[**In billions of dollars.** As of **June 30**, except beginning **1977**, as of **September 30**. The Export-Import Bank was moved within the budget effective October 1, 1976. Adjustments are made to include totals for the period it was outside the budget (1970–76). Also adjustments are made to reflect certain Export-Import Bank borrowing now classified as agency debt]

YEAR	Federal securities outstanding, total [1]	INTEREST-BEARING PUBLIC DEBT SECURITIES				YEAR	Federal securities outstanding, total [1]	INTEREST-BEARING PUBLIC DEBT SECURITIES			
		Total outstanding	Held by U.S. Gov't. accounts	Held by Federal Reserve banks [2]	Held by private investors			Total outstanding	Held by U.S. Gov't. accounts	Held by Federal Reserve banks [2]	Held by private investors
1970	383	369	95	58	216	1977	709	698	155	[3] 105	437
1972	437	425	111	71	243	1978	780	767	168	115	484
1973	468	456	123	75	258	1979	834	819	188	115	516
1974	486	473	138	80	255	1980	914	906	198	121	588
1975	544	532	145	85	302	1981	1,004	996	208	124	664
1976	632	619	150	94	375	1982	1,147	1,141	216	134	790

[1] Includes agency securities and matured public debt not shown separately. [2] Public issues.
[3] Includes a nonmarketable Federal Reserve special certificate for $2,500.

Source: U.S. Dept. of the Treasury, *Treasury Bulletin*, monthly.

No. 514. Federal Government Interest-Bearing Public Debt: 1960 to 1982

[**In billions of dollars.** As of **June 30** except, beginning **1978**, as of **Sept. 30.** See also *Historical Statistics, Colonial Times to 1970*, series Y 497 and Y 500–504]

DEBT INSTRUMENT	1960	1965	1970	1975	1978	1979	1980	1981	1982	PERCENT OF TOTAL			
										1960	1970	1980	1982
Total	**283.2**	**313.1**	**369.0**	**532.1**	**767.0**	**819.0**	**906.4**	**996.5**	**1,140.9**	**100.0**	**100.0**	**100.0**	**100.0**
Computed interest rate	3.30	3.68	5.56	6.35	7.13	8.06	9.03	11.5	11.4	(x)	(x)	(x)	(x)
Marketable [1]	183.8	208.7	232.6	315.6	465.2	506.7	594.5	693.2	824.4	64.9	63.0	65.6	72.3
Bills	33.4	53.7	76.2	128.6	160.9	161.4	199.8	223.4	277.9	11.8	20.7	22.0	24.4
Notes	51.5	52.5	93.5	150.2	267.9	274.2	310.9	363.6	442.9	18.2	25.3	34.3	38.8
Treasury bonds [2]	81.2	102.5	63.0	36.8	56.4	71.1	83.8	96.2	103.6	28.7	17.1	9.2	9.1
Nonmarketable	99.4	104.5	136.4	216.5	281.8	312.3	311.9	313.3	316.5	35.1	37.0	34.4	27.7
U.S. savings bonds	47.5	50.0	51.3	65.4	79.8	80.4	72.7	68.0	67.3	16.8	13.9	8.0	5.9
Treasury bonds, other [3]	7.0	5.8	8.8	26.9	48.7	55.5	49.3	44.2	38.7	2.5	2.4	5.4	3.4
Govt. account series [4]	44.9	48.7	76.3	124.2	153.3	176.4	189.8	201.1	210.5	15.9	20.7	20.9	18.5
Marketable debt, by maturity:													
Within 1 year	70.5	87.6	105.5	163.9	225.4	246.7	276.5	319.0	372.7	24.9	28.6	30.5	32.7
1–5 years	72.8	56.2	89.6	101.9	166.5	157.3	195.8	218.3	259.0	25.7	24.3	21.6	22.7
5–10 years	20.2	39.2	15.9	26.8	49.3	45.5	53.4	61.7	88.1	7.1	4.3	5.9	7.7
10–20 years	12.6	8.5	10.5	14.5	16.6	26.2	35.5	41.4	39.1	4.4	2.8	3.9	3.4
20 years and over	7.7	17.2	11.0	8.4	25.4	30.9	33.3	42.9	47.4	2.7	3.0	3.7	4.2
Average length, yr.-mo	4-4	5-4	3-8	3-0	3-6	3-7	3-9	4-0	3-11	(x)	(x)	(x)	(x)

X Not applicable. [1] For 1960, includes postal savings, certificates, and Panama Canal bonds, not shown separately. [2] Bank eligible bonds. [3] Comprises Treasury bonds, investment series (all years); Treasury bonds (various); certificates of indebtedness (various); certificates and notes; depositary bonds; U.S. retirement plan bonds, beginning 1965; and U.S. savings notes, beginning 1970. [4] Prior to July 1975, known as U.S. Treasury special issues.

Source: U.S. Dept. of the Treasury, *Daily Statement of the U.S. Treasury* and *Monthly Statement of the Public Debt of the United States*. In *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury on the State of the Finances* through 1981, and in *Treasury Bulletin*, monthly.

No. 515. Interest-Bearing Government Securities Outstanding: 1965 to 1982

[**In billions of dollars, except percent.** As of **June 30** except, beginning **1977,** as of **Sept. 30.** Par values, except U.S. savings bonds series, E, F, J, and U.S. savings notes, which are included at current redemption values]

TYPE OF SECURITY	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total	**420**	**521**	**651**	**686**	**756**	**864**	**967**	**1,061**	**1,140**	**1,261**	**1,385**	**1,574**
Tax exempt [1]	97	139	183	201	213	234	259	285	314	348	382	429
Percent of total	23.1	26.7	28.1	29.3	28.2	27.1	26.7	26.7	27.0	26.5	26.2	27.3
Taxable [2]	274	306	366	370	419	499	568	623	650	723	802	935
Government account series [3]	49	76	102	115	124	131	140	153	176	190	201	210
By issuer:												
U.S. Treasury	313	369	456	473	532	619	698	767	819	906	996	1,141
Government agencies [4]	9	13	11	12	11	11	10	9	7	7	6	5
State and local govts [1] [5]	97	139	183	201	213	234	259	285	314	348	382	429

[1] Source: Board of Governors, Federal Reserve System, unpublished data. [2] Interest is subject to both normal and surtax rates of Federal income tax. [3] Prior to July 1, 1974, known as U.S. Treasury special issues. [4] Excludes securities issued by Federal home loan banks and Federal land banks. Beginning 1970, also excludes securities issued by Federal National Mortgage Association, Federal intermediate credit banks, and banks for cooperatives. [5] Wholly tax-exempt. Includes industrial pollution control bonds.

Source: Except as noted, U.S. Dept. of the Treasury, *Treasury Bulletin,* monthly, and *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury on the State of the Finances.*

No. 516. Estimated Ownership of Public Debt Securities by Private Investors: 1960 to 1982

[**Par values in billions of dollars.** As of **June,** except beginning **1977,** as of **September**]

OWNERSHIP	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Total privately held	**204.5**	**213.6**	**217.2**	**303.2**	**376.4**	**438.6**	**488.3**	**524.0**	**589.2**	**665.4**	**781.2**
Commercial banks [1]	55.3	58.2	52.6	69.0	92.5	101.0	96.3	92.3	109.7	112.7	117.8
Nonbank investors	149.2	155.4	164.7	234.1	283.8	337.6	392.0	431.7	479.5	552.7	663.4
Individuals [2]	69.7	70.7	81.8	86.8	96.2	103.9	109.4	113.2	123.0	109.7	115.6
Insurance companies	12.0	10.7	7.2	7.1	10.6	14.5	15.1	14.6	19.2	27.6	34.7
Corporations [3]	19.5	15.3	8.5	13.8	24.7	23.9	21.3	23.7	25.9	18.0	21.6
State and local governments	18.8	24.1	29.0	31.7	39.3	53.5	69.0	68.9	77.0	95.7	112.1
Foreign and international [4]	10.1	12.2	14.0	66.0	69.8	95.5	121.0	125.2	126.4	135.5	141.6
Other investors [5]	12.5	16.8	21.0	25.2	37.8	40.7	51.1	81.3	102.9	166.2	237.8
Percent distribution	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Commercial banks [1]	27.0	27.2	24.2	22.8	24.6	23.0	19.7	17.6	18.6	16.9	15.1
Nonbank investors	73.0	72.8	75.8	77.2	75.4	77.0	80.3	82.4	81.4	83.1	84.9
Individuals [2]	34.1	33.1	37.7	28.6	25.6	23.7	22.4	21.6	20.9	16.5	14.8
Insurance companies	5.9	5.0	3.3	2.3	2.8	3.3	3.1	2.8	3.3	4.1	4.4
Corporations [3]	9.5	7.2	3.9	4.6	6.6	5.4	4.4	4.5	4.4	2.7	2.8
State and local governments	9.2	11.3	13.4	10.5	10.4	12.2	14.1	13.1	13.1	14.4	14.3
Foreign and international [4]	4.9	5.7	6.4	21.8	18.5	21.8	24.8	23.9	21.4	20.4	18.1
Other investors [5]	6.1	7.9	9.7	8.3	10.0	9.3	10.5	15.5	17.5	25.0	30.4

[1] Consists of commercial banks, trust companies, and stock savings banks in the United States and in territories and island possessions. Figures exclude securities held in trust departments. [2] Includes partnerships and personal trust accounts. [3] Exclusive of banks and insurance companies. [4] Consists of the investment of foreign balances and international accounts in the United States. Holdings have been adjusted to exclude issues to the International Monetary Fund and other international lending organizations to reflect the unified budget concept. [5] Consists of savings and loan associations, nonprofit institutions, money market funds, corporate pension trust funds and dealers and brokers. Also included are certain government deposit accounts, government-sponsored agencies, and all other investors not included above.

Source: U.S. Dept. of the Treasury, *Treasury Bulletin,* monthly through 1982; thereafter, quarterly.

No. 517. Federal Direct and Guaranteed Loans: 1973 to 1983

[**In billions of dollars. 1983** estimated. As of **June 30** except, beginning **1977,** as of **Sept. 30.** Government guaranteed loans (loans for which the Government guarantees payment of principal or interest in whole or part) are not included in Federal budget outlays. They constitute contingent liabilities not resulting in outlays, except in event of default. Government direct loans are made by both on-budget and off-budget Federal agencies. See headnote, table 512]

LOAN STATUS	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Direct loans: [1] Gross (new) loans disbursed	15.7	15.8	28.8	34.5	35.4	48.6	49.2	49.3	55.9	28.6	32.2
Net loan outlays	1.0	4.1	12.8	10.9	11.5	19.8	19.6	24.2	26.1	23.5	19.6
Direct loans outstanding	57.1	61.5	74.1	85.9	100.7	120.5	140.5	163.9	185.0	207.8	227.4
Guaranteed loans: [2] Primary [3]	(NA)	32.0	31.2	31.9	43.9	48.5	60.5	66.2	60.2	85.8	130.8
Net loans	17.7	10.5	8.7	11.2	14.0	13.9	26.1	32.4	28.0	20.9	55.8
Guaranteed loans outstanding	179.1	189.7	198.3	210.1	224.0	237.9	264.6	298.5	309.1	331.2	387.0

NA Not available. [1] Includes loans from "off-budget" Government accounts. [2] Includes capital subscriptions to international financial institutions. To avoid double counting, secondary guaranteed loans and guaranteed loans held as direct loans are excluded. [3] Gross loan guarantees minus both secondary guaranteed loans, and guaranteed loans held as direct loans by the Government—by either on- or off-budget accounts.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government,* annual; and unpublished data.

NO. 518. FEDERAL FUNDS—SUMMARY DISTRIBUTION, BY STATE: 1982

[In millions of dollars, except as indicated. Data for grants, salaries and wages, and direct payments to individuals are on an expenditure basis; procurement is on obligation basis. Minus sign (–) indicates decline]

REGION, DIVISION, AND STATE	FEDERAL FUNDS			Defense	Non-defense	Direct payments to individuals	Procurement	Grants to State and local gov'ts	Salaries and wages
	Total [1]	Percent change 1981–1982	Per capita [2] (dol.)						
U.S	**603,576**	**7.4**	**2,591**	**178,044**	**424,732**	**286,080**	**145,816**	**88,221**	**78,043**
Regions:									
Northeast	127,376	8.5	2,583	33,052	94,324	65,357	30,322	22,086	8,534
North Central	125,071	6.6	2,124	24,963	100,109	70,945	21,727	20,971	9,692
South	202,427	5.8	2,631	61,898	140,529	95,459	40,016	26,403	39,027
West	129,912	8.8	2,942	48,945	80,962	51,378	40,049	17,119	20,244
N. Eng	**38,441**	**11.9**	**3,089**	**15,077**	**23,365**	**15,811**	**14,258**	**5,451**	**2,472**
Maine	3,100	17.2	2,736	1,060	2,039	1,495	810	527	257
N.H	2,368	10.8	2,530	918	1,451	1,128	538	317	374
Vt	1,155	8.0	2,239	248	907	594	213	271	66
Mass	17,313	8.8	2,999	5,980	11,334	7,579	5,627	2,745	1,050
R.I	2,538	1.7	2,663	562	1,976	1,365	398	471	278
Conn	11,967	18.6	3,819	6,309	5,658	3,650	6,672	1,120	447
Mid. Atl	**88,935**	**7.1**	**2,412**	**17,975**	**70,959**	**49,546**	**16,064**	**16,635**	**6,062**
N.Y	43,835	5.8	2,490	8,894	34,941	23,116	8,816	9,288	2,198
N.J	16,619	8.5	2,245	4,099	12,519	9,170	3,275	2,718	1,413
Pa	28,481	8.3	2,399	4,982	23,499	17,260	3,973	4,629	2,451
E. No. Cent	**82,641**	**5.2**	**1,984**	**13,181**	**69,461**	**49,954**	**11,456**	**14,801**	**5,831**
Ohio	23,282	10.4	2,160	4,518	18,765	13,432	4,368	3,612	1,755
Ind	10,111	3.3	1,849	2,589	7,522	5,603	2,122	1,558	741
Ill	22,353	4.5	1,950	2,770	19,584	13,919	2,053	4,103	2,068
Mich	18,016	2.3	1,957	2,217	15,798	11,546	1,840	3,634	869
Wis	8,879	2.3	1,872	1,087	7,792	5,454	1,073	1,894	378
W. No. Cent	**42,430**	**9.6**	**2,461**	**11,782**	**30,648**	**20,991**	**10,271**	**6,170**	**3,861**
Minn	8,560	6.5	2,091	1,685	6,874	4,580	1,601	1,769	406
Iowa	5,196	9.5	1,792	480	4,716	3,509	427	893	224
Mo	15,955	9.4	3,229	6,341	9,614	5,556	6,212	1,652	1,390
N. Dak	1,460	1.5	2,219	313	1,147	628	102	301	300
S. Dak	1,601	6.3	2,335	215	1,386	829	110	325	262
Nebr	3,324	9.6	2,108	586	2,744	1,880	239	524	487
Kans	6,334	18.2	2,658	2,168	4,167	3,009	1,580	706	792
So. Atl	**113,350**	**7.9**	**3,003**	**36,848**	**76,503**	**51,286**	**21,962**	**13,701**	**25,921**
Del	1,491	2.8	2,493	432	1,059	732	309	279	164
Md	15,065	8.0	3,534	5,104	9,961	5,463	4,086	1,793	3,622
D.C	10,807	–11.3	17,127	1,761	9,046	1,539	1,874	1,295	6,058
Va	21,665	17.2	4,027	12,128	9,737	7,161	6,531	1,623	6,474
W. Va	3,998	.1	2,048	229	3,769	2,792	168	772	257
N.C	11,527	6.8	1,936	3,088	8,439	6,408	1,000	1,852	2,160
S.C	7,371	8.7	2,327	2,269	5,102	3,498	1,170	1,043	1,630
Ga	12,766	8.6	2,290	4,106	8,660	6,021	1,870	2,185	2,618
Fla	28,460	11.6	2,795	7,731	20,730	17,652	4,954	2,859	2,935
E. So. Cent	**35,336**	**6.6**	**2,400**	**7,260**	**28,076**	**17,994**	**6,136**	**5,551**	**5,436**
Ky	7,747	8.2	2,115	1,340	6,407	4,423	679	1,424	1,198
Tenn	11,359	7.8	2,463	1,349	10,011	5,472	2,694	1,607	1,518
Ala	9,668	6.1	2,468	2,417	7,250	5,026	1,294	1,429	1,863
Miss	6,562	3.7	2,593	2,154	4,408	3,073	1,469	1,091	857
W. So. Cent	**53,741**	**1.0**	**2,198**	**17,790**	**35,950**	**26,179**	**11,918**	**7,151**	**7,670**
Ark	5,100	7.7	2,221	985	4,115	3,116	610	844	466
La	9,575	–5.3	2,223	3,135	6,439	4,274	2,731	1,591	917
Okla	6,952	2.8	2,243	1,980	4,972	3,802	658	991	1,393
Tex	32,114	1.6	2,175	11,690	20,424	14,987	7,919	3,725	4,894
Mt	**31,077**	**5.8**	**2,657**	**8,345**	**22,729**	**13,156**	**7,611**	**4,525**	**5,415**
Mont	1,782	4.6	2,247	182	1,600	938	96	382	294
Idaho	2,102	10.3	2,192	236	1,866	1,030	393	350	290
Wyo	1,048	–31.4	2,129	174	873	407	103	349	182
Col	7,613	6.4	2,568	2,419	5,194	3,105	1,828	967	1,600
N. Mex	5,142	5.4	3,872	1,178	3,963	1,562	1,994	727	824
Ariz	7,465	10.3	2,672	2,448	5,017	3,774	1,814	799	1,013
Utah	3,710	11.2	2,444	1,243	2,467	1,375	822	605	875
Nev	2,215	5.1	2,621	465	1,749	965	561	346	337
Pac	**98,835**	**9.8**	**3,045**	**40,600**	**58,233**	**38,222**	**32,438**	**12,594**	**14,829**
Wash	13,010	6.8	3,085	4,971	8,038	5,193	3,987	1,580	2,123
Oreg	5,510	9.3	2,079	507	5,003	3,372	395	1,168	524
Calif	75,014	11.9	3,100	32,329	42,685	28,274	27,257	9,016	9,925
Alaska	1,868	–7.0	4,533	861	1,006	277	449	422	703
Hawaii	3,433	–8.3	3,499	1,932	1,501	1,106	350	408	1,554

[1] Includes other programs not shown separately. [2] Resident population, provisional estimate as of July 1, 1981.

Source: U.S. Bureau of the Census, *Federal Expenditures by State for Fiscal Year*, annual.

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No. 519. U.S. Savings Bonds: 1960 to 1982

[In billions of dollars, except percent. See *Historical Statistics, Colonial Times to 1970*, series Y 500, for similar but not exactly comparable data]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Amounts outstanding [1]	47.2	50.3	51.8	65.5	69.8	75.4	79.8	80.5	72.7	68.0	67.3
Funds from sales	4.4	4.5	4.7	6.8	7.3	7.9	8.0	7.3	4.8	3.4	3.1
Accrued discounts	1.3	1.5	1.0	3.3	3.5	3.8	4.1	4.3	4.2	4.2	4.9
Redemptions [2]	6.7	5.4	6.3	6.5	6.5	7.1	7.7	11.0	16.7	12.3	8.7
Percent of total outstanding	14.2	10.7	12.2	10.0	9.4	9.4	9.7	13.6	23.0	18.0	12.9

[1] Interest-bearing debt only for amounts end of period or end of year. [2] Matured and unmatured bonds.

Source: U.S. Dept. of the Treasury. Monthly data published currently in *Treasury Bulletin.*

No. 520. Federal Tax Indexes, by Type of Tax: 1970 to 1982

[1967 = 100. Represents tax receipts, net of refunds, as shown in the national income accounts, generally on an accrual basis]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
All taxes	**127.5**	**131.8**	**151.1**	**172.1**	**191.5**	**191.0**	**220.7**	**249.7**	**287.3**	**328.4**	**358.9**	**416.9**	**406.3**
Personal income taxes	138.1	133.1	159.6	170.1	196.3	187.7	220.0	252.9	294.4	349.4	389.6	451.9	454.4
Corporate profit taxes	102.0	111.4	121.9	144.1	150.3	145.1	181.8	205.2	237.6	247.1	234.0	224.2	157.2
Indirect business taxes [1]	119.3	125.4	122.1	130.8	132.6	145.9	141.7	150.5	167.7	170.6	222.7	346.1	283.5
Social insurance contributions	134.3	148.0	170.8	217.7	246.0	257.7	292.3	325.6	377.5	439.8	479.9	563.1	596.7
Estate and gift	120.1	149.7	174.9	166.1	156.4	159.4	182.2	233.5	171.8	180.9	214.4	227.9	244.7

[1] Excise taxes and custom duties.

Source: Tax Foundation, Inc., Washington, D.C., *Facts and Figures on Government Finance*, biennial.

No. 521. Internal Revenue Collections, by Selected Sources: 1960 to 1982

[For years ending June 30 except, beginning 1979 ending Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series Y 358-373]

SOURCE OF REVENUE	COLLECTIONS (bil. dol.)								PERCENT OF TOTAL			
	1960	1965	1970	1975	1979	1980	1981	1982	1970	1980	1981	1982
All taxes	**91.8**	**114.4**	**195.7**	**293.0**	**460.4**	**519.4**	**606.8**	**632.2**	**100.0**	**100.0**	**100.0**	**100.0**
Individual income taxes	44.9	53.7	103.7	156.4	251.5	287.5	332.9	352.6	53.0	55.4	54.9	55.8
Withheld by employers	31.7	36.8	77.4	122.1	195.3	223.8	256.0	267.5	39.6	43.1	42.2	42.3
Employment taxes [1]	11.2	17.1	37.4	70.1	112.8	128.3	152.9	168.7	19.1	24.7	25.2	26.7
Old-age and disability insurance	10.2	15.8	35.7	67.1	107.5	122.5	146.5	162.1	18.2	23.6	24.1	25.6
Unemployment insurance	.3	.6	.8	1.4	3.0	3.3	3.6	3.4	.4	.6	.1	.5
Corporation income taxes	22.2	26.1	35.0	45.7	71.4	72.4	73.7	66.0	17.9	13.9	12.2	10.4
Estate and gift taxes	1.6	2.7	3.7	4.7	5.5	6.5	6.9	8.1	1.9	1.3	1.1	1.3
Excise taxes	11.9	14.8	15.9	16.8	19.0	24.6	40.4	36.8	8.1	4.7	6.7	5.8
Alcohol	3.2	3.8	4.7	5.4	5.6	5.7	5.7	5.5	2.4	1.1	.9	.9
Tobacco	1.9	2.1	2.1	2.3	2.5	2.4	2.6	2.5	1.1	.5	.4	.4
Manufactures	4.7	6.4	6.7	5.5	7.1	6.5	6.1	6.4	3.4	1.3	1.0	1.0
Windfall profits tax	(x)	(x)	(x)	(x)	(x)	3.1	16.9	22.0	(x)	.6	2.8	3.5
Other	2.1	2.5	2.4	3.6	3.8	6.9	9.1	.4	1.2	1.3	1.5	.1

X Not applicable. [1] Includes railroad retirement, not shown separately.

Source: U.S. Dept. of the Treasury, *Annual Report of the Commissioner of the Internal Revenue Service.*

No. 522. Federal Individual Income Tax Returns, by Marital Status: 1970 to 1981

ITEM	NUMBER OF RETURNS (1,000)						PERCENT		
	1970	1975	1978	1979	1980	1981 [1]	1970	1980	1981 [1]
Total tax returns [2]	**74,280**	**82,229**	**89,772**	**92,694**	**93,902**	**95,396**	**100.0**	**100.0**	**100.0**
Joint returns, husbands and wives	42,376	44,140	44,483	44,855	45,243	45,698	57.0	48.2	47.9
Returns of single persons	25,677	31,011	37,212	38,785	39,143	39,711	34.6	41.7	41.6
Returns with income under $15,000 [2]	**64,717**	**59,818**	**56,063**	**54,962**	**52,730**	**50,590**	**100.0**	**100.0**	**100.0**
Joint returns, husbands and wives	33,421	24,100	16,424	14,509	13,334	12,432	51.6	25.3	27.7
Returns with income over $15,000 [2]	**9,563**	**22,411**	**33,708**	**37,733**	**41,173**	**44,806**	**100.0**	**100.0**	**100.0**
Joint returns, husbands and wives	8,955	20,039	28,060	30,346	31,910	33,266	93.6	77.5	65.8

[1] Preliminary. [2] Includes other returns not shown separately.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

No. 523. Federal Individual Income Tax Returns with Adjusted Gross Income (AGI)—Summary: 1960 to 1981

[Includes Puerto Rico and Virgin Islands. Includes returns of resident aliens; based on a sample of unaudited returns as filed. Taxability or nontaxability is determined by presence or absence of income tax *after credits* (exemptions, deductions, etc.). Classification as "nontaxable" generally based on each return as originally filed and does not reflect subsequent changes (amended returns, audits, etc.). Adjusted gross income (AGI) is gross income from all sources subject to tax reduced by legally permitted subtractions such as: Expenses of operating a business or trade, losses from sales of capital assets, etc. Data are not comparable for all years because of tax changes. See *Statistics of Income, Individual Income Tax Returns* publications for a detailed explanation. Based on sample of unaudited returns as filed; see Appendix III. See *Historical Statistics, Colonial Times to 1970*, series Y 393-411, for related data]

NATURE OF RETURNS	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981, prel.
Taxpayers, total	Million	98.7	107.6	117.0	126.6	130.7	134.3	137.6	139.2	141.2
Personal exemptions	Million	175.3	190.7	204.1	212.2	215.2	219.9	224.7	227.9	231.2
65 years old and over	Million	6.7	7.9	8.9	9.9	10.5	11.0	11.3	11.8	13.1
Taxpayers dependents	Million	69.9	75.1	78.1	75.5	73.8	74.3	75.6	76.7	76.7
Adjusted gross income, total	Bil. dol	316.6	430.7	634.3	947.8	1,158.5	1,302.4	1,465.4	1,613.7	1,772.6
Total individual returns [1]	Million	61.0	67.6	74.3	82.2	86.6	89.8	92.7	93.9	95.4
Percent of total population filing returns [2]	Percent	54.4	54.6	57.2	59.3	60.4	60.6	61.3	61.3	61.5
Returns with AGI	Million	60.6	67.2	73.8	81.6	86.1	89.2	92.2	93.2	94.6
Taxable	Million	48.1	53.7	59.3	61.5	64.4	68.7	71.7	73.9	76.7
Percent of all returns	Percent	79.3	79.4	79.9	74.8	74.3	76.5	77.4	78.7	80.4
Adjusted gross income [3]	Bil. dol	297.2	400.3	610.3	898.3	1,097.7	1,241.2	1,402.2	1,556.1	1,721.2
Personal exemptions [4]	Bil. dol	61.2	91.9	107.0	129.8	126.0	132.1	180.3	185.6	191.2
65 years old and over	Million	(NA)	4.1	5.6	6.7	6.7	8.4	7.9	9.1	10.4
Taxpayers dependents	Million	(NA)	61.2	68.1	59.5	59.4	68.7	61.5	62.7	63.5
Income tax withheld	Bil. dol	31.9	38.5	74.2	114.8	143.5	166.1	194.9	223.9	255.3
Nontaxable [5]	Million	12.5	13.5	14.5	20.7	22.3	21.1	21.0	20.0	18.7
Percent of all returns	Percent	20.7	20.6	20.1	25.2	25.7	23.5	22.7	21.3	19.6
Returns with—										
Standard deduction [6]	Million	36.9	39.3	38.4	55.5	59.0	59.7	66.2	59.5	58.7
Itemized deductions	Million	24.1	27.9	35.4	26.1	22.9	25.8	26.5	29.0	31.6
Adjusted gross income	Bil. dol	181.1	267.3	448.7	532.6	595.0	708.5	796.1	927.7	1,062.6
Deductions, total	Bil. dol	35.3	50.7	88.2	122.3	138.5	164.4	184.1	218.0	256.4
Overpayments	Million	39.4	42.8	55.3	63.8	66.0	65.5	71.4	69.9	70.0
Tax due	Million	18.2	20.0	16.5	15.8	17.8	21.6	18.8	21.8	23.0
Statutory adjustments [7]	Bil. dol	(NA)	3.1	7.7	15.1	19.3	22.4	24.8	28.6	31.4
Taxable income [8]	Bil. dol	171.6	255.1	401.2	595.5	939.0	1,062.2	1,157.2	1,280.0	1,410.9
Percent of AGI	Percent	54.2	59.2	63.2	62.8	81.1	81.6	79.0	79.3	79.6
Income tax, total [9]	Bil. dol	39.5	49.5	83.9	124.5	159.8	188.2	214.5	250.3	284.1
Percent of AGI [10]	Percent	13.3	12.1	13.7	13.9	14.6	14.5	14.6	15.5	16.0
Percent of taxable income [11]	Percent	23.0	19.4	20.9	20.9	17.6	17.7	18.5	19.6	20.1
Average AGI per return [10]	$1,000	6.2	7.6	8.5	14.6	17.1	18.1	19.6	21.1	22.4
Average income tax per return [10]	Dollar	821	922	1,415	2,025	2,482	2,740	2,992	3,387	3,703
Income tax per capita of total population	Dollar	219	256	413	584	738	849	955	1,102	1,239
Total credits	Bil. dol	.4	.6	.4	8.1	13.6	17.1	6.8	7.2	11.3
Income tax after credits	Bil. dol	39.5	49.5	83.8	124.4	158.5	186.7	213.3	249.1	282.3
Self-employment tax	Bil. dol	.1	1.1	1.8	3.4	4.1	4.7	5.4	5.7	6.7
Total tax liability	Bil. dol	40.3	50.6	85.8	127.9	164.0	193.2	220.1	256.3	291.1
Effective tax rate	Percent	13.3	12.1	13.7	13.9	14.6	15.2	15.3	16.1	16.0
SOURCES OF INCOME (total returns)										
Salaries and wages, gross	Bil. dol	[12] 257.7	346.8	531.3	795.4	969.4	1,090.3	1,229.3	1,349.8	1,486.1
Percent of AGI	Percent	81.4	80.5	83.8	83.9	83.7	83.7	84.0	83.6	83.8
Interest	Bil. dol	5.0	11.2	21.8	43.4	54.6	61.2	73.9	102.0	[13] 178.1
Business or profession, net [14]	Bil. dol	[15] 22.1	25.2	31.0	39.4	49.5	53.5	56.6	55.1	53.1
Dividends [16]	Bil. dol	9.5	12.9	15.7	21.9	27.0	30.2	33.5	38.8	([13])
Pensions and annuities [17]	Bil. dol	1.6	3.6	7.9	20.9	29.2	32.7	37.3	43.3	51.9
Sales of capital assets [14]	Bil. dol	5.1	10.0	8.7	14.1	20.8	23.2	28.4	29.7	31.8
Partnerships [14]	Bil. dol	[18] 9.2	[18] 11.1	11.7	10.8	13.3	15.0	12.4	9.4	−.1
Rents [14]	Bil. dol	2.7	2.4	2.4	3.4	3.0	3.1	1.8	.2	−2.8
Farm [14]	Bil. dol	([15])	3.9	3.4	3.6	.5	3.6	2.1	−1.8	−7.8
Estates and trusts [14]	Bil. dol	.7	([19])	1.4	2.6	2.8	3.1	3.8	4.6	4.0
Small business corporation [14]	Bil. dol	([18])	([18])	1.7	2.1	2.0	2.3	2.1	.7	−.8
Royalties [14]	Bil. dol	.6	.6	.8	1.8	2.2	2.6	2.9	3.9	5.8
Other sources [14 20]	Bil. dol	2.2	6.1	4.2	3.5	3.5	3.9	6.1	6.6	6.9

NA Not available. [1] Through 1970, excludes returns with no adjusted income; thereafter includes returns with no adjusted income. [2] Joint returns counted twice in computing percent. [3] 1960–1970, returns with adjusted gross income only. Beginning 1975, includes returns with adjusted gross income less deficit. [4] Exemptions: 1960 and 1965, $600; 1970, $625; 1975–1978, $750; 1979–1981, $1,000. [5] Beginning 1975, includes returns with no adjusted income. [6] For years 1960–1975, includes returns with standard deduction and returns with no deductions. Starting in 1977, includes returns with the zero bracket amount only. [7] Comprises sick pay exclusion (for 1977 changed to disability exclusion), moving expense, self-employed retirement deduction and, beginning 1975, payments to an individual retirement account and forfeited interest penalty. [8] Represents adjusted gross income minus exemptions and deductions. Beginning 1977, includes the "zero bracket" amount and therefore is not comparable to taxable income shown for earlier years. [9] Income tax after credits. Beginning 1970, includes additional tax for tax preferences ("minimum tax"). [10] Only taxable returns counted in computing percent or average. [11] Beginning 1977, taxable income includes zero bracket amount, and therefore the percentage is not comparable to earlier years. [12] Represents salaries and wages after sick pay exclusion and certain employee business expenses. [13] Beginning 1981 dividends are included with interest. [14] Figures represent net income minus net loss. [15] Farm, net included with business or profession, net. [16] After exclusions. [17] Taxable portion. [18] Small business corporation included with partnerships. [19] Included in other sources. [20] Statutory adjustments are not included with other sources.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

NO. 524. FEDERAL INDIVIDUAL INCOME TAX RETURNS: 1970 TO 1981

[In thousands of returns. See headnote, table 523]

ADJUSTED GROSS INCOME CLASS	RETURNS WITH ADJUSTED GROSS INCOME					TAXABLE RETURNS				
	1970	1975	1979	1980	1981	1970	1975	1979	1980	1981
Total	**73,862**	**81,586**	**92,152**	**93,239**	**94,587**	**59,317**	**61,491**	**71,695**	**73,898**	**76,709**
Under $10,000	50,193	44,211	39,986	37,763	35,589	35,688	24,505	20,166	19,105	18,505
$10,000-$19,999	19,644	25,318	25,818	25,401	25,191	19,613	24,984	25,311	24,876	24,604
$20,000-$29,999	2,677	8,342	15,330	15,942	16,322	2,672	8,305	15,240	15,850	16,191
$30,000-$39,999	918	2,748	6,446	7,351	9,205	916	2,734	6,422	7,912	9,173
$40,000-$49,999			2,229	3,053	4,182			2,224	3,042	4,159
$50,000-$99,999	351	781	1,890	2,568	3,443	350	776	1,881	2,554	3,425
$100,000 and over	78	186	452	561	655	78	185	451	559	653

NO. 525. FEDERAL INDIVIDUAL INCOME TAX RETURNS, TAXABLE INCOME, AND TAX: 1970 TO 1981

[See headnote, table 523]

ADJUSTED GROSS INCOME (AGI) CLASS	TOTAL (bil. dol.)						PERCENT DISTRIBUTION					
	1970	1975	1978	1979	1980	1981, prel.	1970	1975	1978	1979	1980	1981, prel.
AGI, total [1]	**634.2**	**947.8**	**1,302.4**	**1,465.4**	**1,613.7**	**1,772.6**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Taxable returns	610.3	898.3	1,241.2	1,402.3	1,556.1	1,721.2	96.2	94.8	95.3	95.7	96.4	97.1
Under $10,000	210.0	157.0	142.7	136.3	128.7	124.2	33.1	16.5	10.9	9.3	8.0	7.0
$10,000-$19,999	266.0	360.2	368.1	371.0	363.5	359.3	41.9	38.0	28.3	25.3	22.5	20.3
$20,000-$29,999	62.9	198.0	335.5	371.9	389.1	398.5	9.9	20.9	25.8	25.4	24.1	22.5
$30,000-$39,999	34.0	99.7	237.5	219.1	271.8	316.3	5.4	10.5	18.2	15.0	16.8	17.8
$40,000-$49,999				98.1	134.4	184.3				6.7	8.3	10.4
$50,000-$99,999	23.0	51.2	95.6	122.6	165.0	218.3	3.6	5.4	7.3	8.4	10.2	12.3
$100,000 and over	14.3	32.4	62.5	84.3	104.2	121.6	2.3	3.4	4.8	5.7	6.5	6.9
Nontaxable returns	23.9	49.5	61.2	63.1	57.6	51.4	3.8	5.2	4.7	4.3	3.6	2.9
Taxable income, total [2]	**401.2**	**595.5**	**1,062.2**	**1,157.2**	**1,280.0**	**1,410.9**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Taxable returns	400.9	590.4	1,027.3	1,127.5	1,252.0	1,383.7	99.9	99.1	96.7	97.4	97.8	98.1
Under $10,000	119.6	79.7	117.1	106.6	100.5	97.0	29.8	13.4	11.0	9.2	7.9	6.9
$10,000-$19,999	178.8	229.8	305.1	294.9	291.0	286.6	44.6	38.6	28.7	25.5	22.7	20.5
$20,000-$29,999	46.6	140.4	278.4	300.3	314.4	323.6	11.6	23.6	26.2	26.0	24.6	23.0
$30,000-$39,999	26.4	74.7	197.0	178.0	220.6	256.7	6.6	12.5	18.5	15.4	17.2	18.2
$40,000-$49,999				79.8	108.9	148.8				6.9	8.5	10.5
$50,000-$99,999	18.4	40.1	78.8	99.7	133.2	174.1	4.6	6.7	7.4	8.6	10.4	12.3
$100,000 and over	11.0	25.6	50.9	68.2	83.5	94.8	2.7	4.3	4.8	5.9	6.5	6.7
Nontaxable returns	.3	5.1	34.9	29.7	28.0	27.2	.1	.9	3.3	2.6	2.2	1.9
Income tax, total [3]	**83.9**	**124.5**	**188.2**	**214.5**	**250.3**	**284.1**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Taxable returns	83.9	124.5	188.2	214.5	250.3	284.1	100.0	100.0	100.0	100.0	100.0	100.0
Under $10,000	20.3	11.9	9.4	8.9	8.4	8.0	24.2	9.6	4.9	4.1	3.3	2.8
$10,000-$19,999	33.9	40.4	40.5	39.6	39.8	39.5	40.4	32.4	21.5	18.5	15.9	13.9
$20,000-$29,999	10.3	28.4	47.3	50.1	53.4	55.7	12.3	22.8	25.1	23.3	21.3	19.6
$30,000-$39,999	7.1	18.2	42.7	35.5	44.4	51.7	8.4	14.6	22.7	16.6	17.7	18.2
$40,000-$49,999				18.6	25.6	34.8				8.7	10.2	12.2
$50,000-$99,999	6.6	13.4	24.4	29.8	39.8	51.0	7.8	10.8	13.0	13.9	15.9	18.0
$100,000 and over	5.7	12.2	23.8	31.9	38.9	43.2	6.8	9.8	12.6	14.9	15.5	15.2

[1] Beginning 1975, adjusted gross income less deficit. [2] Represents adjusted gross income minus exemptions and deductions. Beginning 1978, includes the "zero bracket" amount and therefore is not comparable to taxable income shown for earlier years. [3] Tax after credit, includes minimum tax; beginning 1979, includes alternative minimum tax.

NO. 526. AVERAGE TAX OF TAXABLE INDIVIDUAL INCOME TAX RETURNS: 1970 TO 1981

[See headnote, table 523]

ADJUSTED GROSS INCOME CLASS	AVERAGE TAX ($1,000)					PERCENT TOTAL TAX [1] OF TAXABLE INCOME				
	1970	1975	1979	1980	1981	1970	1975	1979	1980	1981
Total	**1,415**	**2,025**	**2,992**	**3,387**	**3,703**	**20.9**	**21.1**	**[2]18.5**	**20.0**	**20.5**
Under $10,000	.6	.5	.4	.4	.4	17.0	15.0	8.4	8.4	8.4
$10,000-$19,999	1.7	1.6	1.6	1.6	1.6	18.9	17.6	13.4	13.7	13.7
$20,000-$29,999	3.8	3.4	3.3	3.4	3.4	22.0	20.2	16.7	17.0	17.2
$30,000-$39,999	7.8	6.7	5.5	5.6	5.6	27.0	24.4	19.9	20.1	20.2
$40,000-$49,999			8.4	8.4	8.4			23.3	23.5	23.4
$50,000-$99,999	19.0	17.2	15.9	15.6	14.9	36.1	33.3	29.9	29.9	29.3
$100,000 and over	73.8	66.2	70.8	69.5	66.3	51.8	47.8	46.8	46.6	45.6

[1] Consists of income tax after credits, minimum tax, and beginning in 1979, alternative minimum tax. [2] Beginning 1979, not comparable to previous years because of change in definition of taxable income (see headnote, table 523, and footnote 2, table 525).

Source of tables 524-526: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

NO. 527. FEDERAL INDIVIDUAL INCOME TAX—EFFECTIVE (AVERAGE) AND MARGINAL TAX RATES, FOR SELECTED INCOME GROUPS: 1954 TO 1983

[Refers to income after exclusions. Effective rate represents tax liability divided by stated income. The marginal tax rate is the percentage of the first additional dollar of income which would be paid in income tax. Computations assume the low income allowance, standard deduction, zero bracket amount, or itemized deductions equal to 10 percent of adjusted gross income, whichever is greatest. Excludes self-employment tax. See *Historical Statistics, Colonial Times to 1970*, series Y 412–439, for similar data based on net income]

ADJUSTED GROSS INCOME [1]	TAX LIABILITY							EFFECTIVE RATE (percent)							MARGINAL TAX RATE (percent)						
	1954–1963	1965	1970 [2]	1975	1979–1980 [3]	1982	1983	1954–1963	1965	1970 [2]	1975	1979–1980 [3]	1982	1983	1954–1963	1965	1970 [3]	1975	1979–1980 [3]	1982	1983
CURRENT DOLLARS																					
Single person, no dependent:																					
$5,000	818	671	683	404	250	216	199	16.4	13.4	13.7	8.1	5.0	4.3	4.0	22	19	19.5	19	16	14	13
$10,000	2,096	1,742	1,726	1,476	1,177	1,043	951	21.0	17.4	17.3	14.8	11.8	10.4	9.5	34	28	25.6	20.2	21	19	17
$20,000	5,900	4,918	4,405	4,123	3,837	3,442	3,089	29.5	24.6	22.0	20.6	19.2	17.2	15.4	50	42	34.8	34	34	31	28
$25,000	8,324	6,982	6,091	5,865	5,484	4,942	4,445	33.3	27.9	24.4	23.5	21.9	19.8	17.8	56	48	39.0	38	39	35	32
$35,000	13,778	11,627	10,028	9,698	9,194	8,292	7,485	39.4	33.2	28.7	27.7	26.3	23.7	21.4	62	53	46.1	45	44	40	36
$50,000	22,788	19,230	17,235	16,710	16,032	14,468	13,073	45.6	38.5	34.5	33.4	32.1	28.9	26.1	72	60	61.5	60	55	50	45
$75,000	39,702	33,206	31,560	30,660	29,487	25,718	23,873	52.9	44.3	42.1	40.9	39.3	34.3	31.8	78	64	65.6	64	63	50	50
Married couple, 2 dependents: [4]																					
$5,000	420	290	290	[5] –300	[5] –500	[5] –500	[5] –500	6.4	5.8	5.8	[5] 6.0	[5] –10.0	[5] –10.0	[5] –10.0	20	15	15	[5] 10	–	–	–
$10,000	1,372	1,114	1,112	709	374	322	296	13.7	11.1	11.2	7.1	3.7	3.2	3.0	22	19	19.5	19	16	14	13
$20,000	3,800	3,160	3,213	2,740	2,265	2,013	1,846	19.0	15.8	16.1	13.7	11.3	10.1	9.2	30	25	25.6	25	24	22	19
$25,000	5,318	4,412	4,490	4,092	3,497	3,137	2,828	21.3	17.6	18.0	16.4	14.0	12.5	11.3	38	32	28.7	28	28	25	23
$35,000	9,037	7,529	7,677	7,175	6,571	5,904	5,334	25.8	21.5	21.9	20.5	18.8	16.9	15.2	47	39	40.0	39	37	33	30
$50,000	15,976	13,388	13,674	12,980	12,118	10,911	9,844	32.0	26.8	27.3	26.0	24.2	21.8	19.7	56	48	49.2	48	43	39	35
$75,000	29,635	25,025	25,594	24,575	23,404	21,086	19,050	39.5	33.4	34.1	32.8	31.2	28.1	25.4	65	55	56.4	55	54	49	44
	REAL INCOME EQUIVALENT							EFFECTIVE RATE (percent)							MARGINAL TAX RATE (percent)						
	1960	1970	1975	1979	1980	1982	1983	1960	1970 [2]	1975	1979	1980	1982	1983	1960	1970 [2]	1975	1979	1980	1982	1983
CONSTANT (1980) DOLLARS [6]																					
Single person no dependents:																					
$5,000	2,010	2,585	3,499	4,536	5,000	5,738	6,001	12.0	7.5	4.0	3.9	5.0	5.7	5.7	20	16.8	16	16	16	16	15
$10,000	4,019	5,170	6,998	9,902	10,000	11,478	12,001	15.5	13.8	11.4	10.9	11.8	11.5	10.8	22	21.5	21	19	21	19	19
$20,000	8,038	10,341	13,997	18,144	20,000	22,951	24,002	19.3	17.0	16.7	17.9	19.2	19.0	17.4	30	25.6	22.7	30	34	31	28
$25,000	10,048	12,926	17,496	22,680	25,000	28,689	30,003	21.0	18.7	19.0	20.9	21.9	21.3	19.6	34	27.7	31	34	39	35	32
$35,000	14,067	18,097	24,494	31,752	35,000	40,165	42,004	24.4	21.1	23.2	24.9	26.3	25.6	23.7	43	31.8	38	44	44	44	40
$50,000	20,095	25,852	34,992	45,361	50,000	57,378	60,006	29.6	24.8	27.7	30.0	32.1	31.0	28.5	50	41.0	45	55	55	50	50
$75,000	30,143	38,779	52,487	68,041	75,000	86,068	90,008	36.7	30.2	34.4	37.5	39.1	35.7	34.0	62	51.2	60	63	63	50	50
Married couple, 2 dependents: [4]																					
$5,000	2,010	2,585	3,499	4,536	5,000	5,738	6,001	–	–	[5] –10	[5] –10	[5] –10	[5] –8.7	[5] –8.7	–	–	[5] –10	[5] –10	–	–	12.5
$10,000	4,019	5,170	6,998	9,902	10,000	11,478	12,001	6.1	5.8	[5] 1.2	[5] 1.4	3.7	4.6	4.7	20	16.8	[5] 26	[5] 26.5	16	14	15
$20,000	8,038	10,341	13,997	18,144	20,000	22,951	24,002	12.2	11.4	10.2	10.3	11.3	11.6	10.9	22	19.5	18.5	21	24	22	19
$25,000	10,048	12,926	17,496	22,680	25,000	28,689	30,003	13.7	12.9	12.1	12.8	14.0	14.2	13.4	22	22.6	22	24	28	29	26
$35,000	14,067	18,097	24,494	31,752	35,000	40,165	42,004	16.1	15.3	16.1	17.4	18.8	18.6	17.4	26	25.6	28	32	37	39	35
$50,000	20,095	25,852	34,992	45,361	50,000	57,378	60,006	19.0	18.3	20.5	22.8	24.2	24.0	22.3	30	32.8	39	43	44	44	40
$75,000	30,143	38,779	52,487	68,041	75,000	86,068	90,008	23.6	23.3	26.8	29.4	31.2	30.2	27.8	43	43.0	50	54	54	49	44

– Represents zero. [1] See headnote, table 523. [2] Includes tax surcharge. [3] 1981 tax liability and tax rates are 98.75 percent of the 1980 rates. [4] Only one spouse is assumed to work. [5] *Refundable* earned income credit. [6] Amount of adjusted gross income equivalent to adjusted gross income in 1980 dollars was calculated by using the NIPA personal consumption expenditure deflator (1972=100). The values of the deflators are: 1960, 71.9; 1970, 92.5; 1975, 125.3; 1979, 162.3; 1980, 178.9; 1982, 205.3; and 1983, 214.7.

Source: U.S. Dept. of the Treasury, unpublished data.

No. 528. Federal Individual Income Tax Returns and Taxes 1970 to 1981—States and Other Areas: 1981

[1970 data differ somewhat from those in other tables for individual returns with income because of a distinct weighting system for State data. For composition of regions, see fig. I, cover.]

Year, region, division, and state	Number of returns (1,000)	Adjusted gross income [1] (mil. dol.)	Income tax	
			Total [2] (mil. dol.)	Per capita [3] (dol.)
1970	74,278	631,626	83,880	412
1975	82,229	947,785	124,526	578
1979	92,694	1,465,395	214,495	955
1980	93,902	1,613,731	250,341	1,102
1981, prel	**95,396**	**1,772,604**	**284,129**	**1,239**
Regions:				
Northeast	20,879	401,946	66,068	1,339
No. Central	24,193	448,745	72,066	1,222
South	30,727	546,695	87,930	1,144
West	18,934	364,045	56,668	1,282
N. Eng	5,532	102,992	17,014	1,367
Maine	464	7,036	961	848
N.H	420	7,419	1,161	1,240
Vt	213	3,304	467	905
Mass	2,570	47,532	7,737	1,340
R.I	410	6,865	1,022	1,072
Conn	1,455	30,836	5,666	1,808
Mid. Atl	15,347	298,954	49,054	1,330
N.Y	7,198	142,547	23,092	1,312
N.J	3,272	67,806	11,682	1,578
Pa	4,877	88,601	14,280	1,203
E.N.C	17,067	323,335	52,583	1,262
Ohio	4,461	81,753	13,120	342
Ind	2,197	39,408	6,387	1,168
Ill	4,831	96,246	16,703	1,457
Mich	3,609	70,636	11,161	1,213
Wis	1,969	35,292	5,212	1,099
W.N.C	7,126	125,410	19,463	1,130
Minn	1,743	31,438	4,733	1,156
Iowa	1,178	20,765	3,180	1,097
Mo	1,982	34,914	5,563	1,126
N. Dak	277	4,531	704	1,070
S. Dak	278	4,005	559	815
Nebr	665	11,069	1,662	1,054
Kans	1,003	18,688	3,082	1,293
S.A	15,509	272,898	42,413	1,123
Del	259	5,089	842	1,408
Md	1,881	38,485	6,245	1,465
D.C	319	5,965	1,038	1,645
Va	2,260	43,047	6,840	1,260
W. Va	672	11,384	1,769	906
N.C	2,383	37,692	5,252	882
S.C	1,208	19,107	2,615	826
Ga	2,183	36,394	5,324	955
Fla	4,344	75,735	12,488	1,226
E.S.C	5,341	86,048	12,564	853
Ky	1,314	21,724	3,206	875
Tenn	1,756	28,327	4,230	917
Ala	1,401	22,902	3,264	833
Miss	870	13,095	1,864	736
W.S.C	9,877	187,749	32,953	1,347
Ark	822	12,240	1,718	748
La	1,631	30,246	5,243	1,217
Okla	1,265	23,466	3,941	1,271
Tex	6,159	121,797	22,051	1,493
Mt	4,903	88,510	13,530	1,157
Mont	334	5,311	767	967
Idaho	363	5,865	821	856
Wyo	217	4,441	784	1,593
Colo	1,343	26,294	4,276	1,442
N. Mex	537	8,735	1,292	973
Ariz	1,151	20,533	3,046	1,090
Utah	553	9,820	1,273	839
Nev	405	7,511	1,271	1,504
Pac	14,031	275,535	43,138	1,329
Wash	1,804	35,549	5,987	1,420
Oreg	1,092	19,020	2,760	1,041
Calif	10,501	208,107	32,270	1,334
Alaska	196	4,988	976	2,369
Hawaii	438	7,871	1,145	1,167
Other [4]	665	11,170	1,397	(NA)

NA Not available. [1] Less deficit. [2] Includes additional tax for tax preferences. [3] Based on resident population as of July 1. [4] Returns with addresses outside the United States.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

No. 529. Federal Individual Income Tax Returns With Itemized Deductions, by Adjusted Gross Income Classes: 1981

[See headnote, table 523]

Adjusted gross income class	Returns with itemized deductions (1,000)	Adjusted gross income (bil. dol.)	Taxable income (bil. dol.)	Itemized deductions						
				Total itemized deductions [1] (bil. dol.)	Percent of—		Taxes (bil. dol.)	Interest paid (bil. dol.)		Contributions (bil. dol.)	Medical and dental expenses (bil. dol.)
					Adjusted gross income	Taxable income		Total	Home mortgage		
Total	**31,571**	**1,062.6**	**809.4**	**256.4**	**24.1**	**31.7**	**79.7**	**108.7**	**68.6**	**30.8**	**17.9**
Taxable returns	**30,104**	**1,045.9**	(NA)	**242.4**	**23.2**	(NA)	**77.6**	**102.3**	**64.8**	**29.8**	**14.7**
Under $10,000	1,159			3.3			.7	1.1	.7	.4	.7
$10,000–$24,999	9,885			53.4			14.4	23.1	15.8	5.8	6.0
$25,000–$49,999	15,221			115.6			38.2	50.8	34.6	12.3	6.0
$50,000–$99,999	3,206	(NA)	(NA)	43.3	(NA)	(NA)	15.4	17.9	10.7	5.5	1.5
$100,000–$199,999	497			14.2			5.0	5.4	2.2	2.3	.3
$200,000 and over	136			12.6			4.0	4.1	.7	3.5	.1
Nontaxable returns	**1,467**	**16.7**	(NA)	**14.0**	**83.8**	(NA)	**2.1**	**6.4**	**3.8**	**1.0**	**3.2**

NA Not available. [1] Includes others not shown separately.

Source: U.S. Internal Revenue Service, *Statistics of Income, 1980, Individual Income Tax Returns.*

No. 530. Federal Individual Income Tax Returns—Adjusted Gross Income, by Source of Income and Income Class: 1981

[**In millions of dollars, except percent.** Minus sign (—) indicates net loss was greater than net income. See headnote, table 523]

ITEM	Total income [1]	ADJUSTED GROSS INCOME CLASSES FOR TAXABLE RETURNS					
		Total [2]	Under $10,000 [2]	$10,000-$24,999	$25,000-$49,999	$50,000-$99,999	$100,000-$199,999	$200,000 and over
Number of returns (1,000)	95,396	76,725	18,521	33,634	20,493	3,425	514	138
SOURCE OF INCOME								
Adjusted gross income (AGI)	1,772,604	1,721,173	122,967	561,528	696,781	218,264	67,505	54,128
Salaries	1,486,100	1,426,944	102,228	484,832	611,186	164,251	41,544	22,904
Percent of AGI	83.8	82.9	83.1	86.3	87.7	75.3	61.5	42.3
Interest received	140,559	131,905	13,558	40,722	41,721	21,199	8,034	6,671
Dividends received	48,161	46,344	2,280	7,288	11,707	9,827	6,322	8,920
Dividends and interest in AGI	178,098	168,676	14,690	44,699	49,594	29,978	14,175	15,543
Business and profession, net	53,072	52,128	1,919	12,475	17,869	13,157	4,443	2,264
Pensions and annuities [3]	51,886	48,891	6,234	20,896	16,303	4,441	755	263
Sales of capital assets,[4] net	30,819	28,491	1,567	2,368	4,496	4,968	4,238	10,853
Rents and royalties, net	3,062	4,804	65	172	−413	1,220	1,609	2,152
Other sources,[5] net	−22,483	−12,292	−1,682	−4,742	−4,418	−2,023	−162	736
PERCENT DISTRIBUTION								
Number of returns	100.0	80.4	19.4	35.3	21.5	3.6	.5	.1
Adjusted gross income	100.0	97.1	6.9	31.7	39.3	12.3	3.8	3.1
Salaries	100.0	96.0	6.9	32.6	41.1	11.1	2.8	1.5
Interest received	100.0	93.8	9.6	29.0	29.7	15.1	5.7	4.7
Dividends received	100.0	96.2	4.7	15.1	24.3	20.4	13.1	18.5
Dividends and interest in AGI	100.0	94.7	8.2	25.1	27.8	16.8	8.0	8.7
Business and profession, net	100.0	98.2	3.6	23.5	33.7	24.8	8.4	4.3
Pensions and annuities [3]	100.0	94.2	12.0	40.3	31.4	8.6	1.5	.5
Sales of capital assets, [4] net	100.0	92.4	5.1	7.7	14.6	16.1	13.8	35.2
Rents and royalties, net	100.0	156.9	2.1	5.6	−13.5	39.8	52.5	70.3

[1] Includes returns with no adjusted gross income. [2] Includes a small number of taxable returns with no adjusted gross income. [3] Taxable portion. [4] Includes net sales of property other than capital assets ($232 mil. in 1981). [5] Includes statutory adjustments.

Source: U.S. Internal Revenue Service, *Statistics of Income, 1981, Individual Income Tax Returns.*

No. 531. Federal Individual Income and Employment Tax Receipts—States: 1980 to 1982

[For years ending **Sept. 30.** A State's receipts do not necessarily indicate its tax burden since, in many instances, taxes are collected in one State from residents of another. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	TAX RECEIPTS					
	Total (mil. dol.)			Percent of personal income [1]		
	1980	1981	1982	1980	1981	1982
Total [2]	**415,878**	**485,736**	**521,327**	**19.3**	**20.2**	**20.2**
Regions:						
Northeast	108,287	126,732	136,166	21.8	22.9	23.0
N. Central	122,205	139,006	142,824	21.7	22.4	22.1
South	105,247	124,701	138,160	16.2	16.9	17.4
West	78,469	90,264	97,890	17.7	18.2	18.5
N.E	**24,028**	**31,664**	**32,887**	**19.5**	**23.0**	**22.0**
Maine	1,100	1,318	1,366	12.7	13.6	13.1
N.H	1,209	1,491	1,661	14.5	15.9	16.0
Vt	491	590	647	12.3	13.1	13.1
Mass	10,799	12,970	14,106	18.7	20.2	20.1
R.I	1,652	1,924	1,979	18.9	19.9	19.0
Conn	8,777	13,371	13,128	24.5	33.3	30.2
M.A	**84,259**	**95,068**	**103,279**	**22.6**	**22.9**	**23.1**
N.Y	45,235	52,178	56,686	25.1	25.9	25.9
N.J	15,490	16,314	18,735	19.2	18.1	19.2
Pa	23,534	26,576	27,858	21.1	21.6	21.4
E.N.C	**90,186**	**102,512**	**104,281**	**22.2**	**23.1**	**22.2**
Ohio	22,528	25,806	26,618	22.1	23.2	22.4
Ind	9,164	10,532	11,123	18.8	19.8	20.4
Ill	29,206	33,912	33,740	24.4	25.6	24.0
Mich	21,602	23,613	23,820	23.6	23.8	22.8
Wis	7,686	8,649	8,980	17.5	18.2	17.8
W.N.C	**32,019**	**36,494**	**38,543**	**20.3**	**20.6**	**20.5**
Minn	9,651	11,009	11,932	24.4	25.0	25.5
Iowa	3,722	4,105	4,179	13.8	13.5	13.2
Mo	10,626	12,048	12,647	24.6	25.3	24.5
N. Dak	747	942	1,005	13.6	14.0	13.9
S. Dak	654	734	786	12.3	12.1	12.2
Nebr	2,791	3,199	3,409	19.8	19.6	20.0
Kans	3,828	4,457	4,586	16.4	17.3	16.6
S.A	**52,284**	**61,389**	**66,397**	**16.0**	**16.7**	**16.7**
Del	1,792	1,583	2,179	29.8	23.8	30.3
S.A.—Con.						
Md. and D.C	12,176	14,285	15,282	23.5	24.9	24.7
Va	6,712	7,883	8,643	13.4	14.0	14.2
W. Va	1,706	1,886	2,089	11.3	11.5	12.0
N.C	6,864	7,792	8,273	15.0	15.1	15.2
S.C	2,962	3,447	3,726	13.0	13.5	13.6
Ga	6,810	8,102	8,551	15.4	16.3	16.1
Fla	13,262	16,411	17,654	14.7	15.9	15.4
E.S.C	**14,713**	**15,924**	**18,125**	**13.5**	**13.2**	**14.2**
Ky	3,731	4,099	4,413	13.5	13.3	13.6
Tenn	5,395	5,347	6,385	15.4	13.7	15.3
Ala	3,868	4,483	4,799	13.3	13.9	14.2
Miss	1,719	1,995	2,528	10.2	10.6	12.7
W.S.C	**38,250**	**47,388**	**53,638**	**17.7**	**19.0**	**19.7**
Ark	1,992	2,169	2,366	11.6	11.7	12.2
La	5,563	6,818	7,598	15.6	16.6	17.1
Okla	5,087	6,709	7,601	18.4	21.1	21.8
Tex	25,708	31,692	36,073	18.9	20.0	20.8
Mt	**17,382**	**20,628**	**22,979**	**16.9**	**17.8**	**18.4**
Mont	818	930	1,072	12.3	12.5	13.7
Idaho	1,297	1,523	1,598	16.9	17.8	17.6
Wyo	653	775	855	12.8	13.4	14.1
Colo	6,913	8,481	9,815	23.8	25.5	27.3
N. Mex	1,272	1,478	1,682	12.4	13.1	13.8
Ariz	3,342	3,861	4,145	13.9	14.2	14.1
Utah	1,601	1,872	2,007	14.3	14.8	14.7
Nev	1,487	1,708	1,814	17.3	17.5	17.3
Pac	**61,087**	**69,636**	**74,911**	**17.9**	**18.3**	**18.3**
Wash	7,410	8,507	8,897	17.4	17.9	17.4
Oreg	3,898	4,881	4,640	15.9	18.4	16.7
Calif	47,531	53,595	58,437	18.4	18.5	18.7
Alaska	824	1,047	1,262	16.2	18.5	18.2
Hawaii	1,423	1,606	1,675	14.4	14.8	14.4

[1] See table 750 for base data. [2] Includes Puerto Rico, international operations, and unallocated receipts and credits.

Source: U.S. Internal Revenue Service, *Annual Report of the Commissioner of the Internal Revenue Service.*

No. 532. Corporation Income Tax Returns—Summary: 1960 to 1980

[Estimates based on samples; see Appendix III. All data based on returns for periods ending between July 1 of year shown and June 30 of following year, as filed. All corporations are required to file returns except those specifically exempt, such as fraternal, civic, and charitable organizations not operating for profit. See source for changes in law affecting comparability of historical data. Corporate data based on income tax returns appear in Section 18. See also *Historical Statistics, Colonial Times to 1970*, series Y 381-392]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Number of returns	1,000	1,188	1,490	1,747	1,981	2,043	2,100	2,159	2,329	2,470	2,632	(NA)
Active corporations	1,000	1,141	1,424	1,665	1,905	1,966	2,024	2,082	2,242	2,377	2,557	2,711
With net income	1,000	670	915	1,008	1,203	1,207	1,226	1,274	1,425	1,524	1,586	1,597
Without net income	1,000	470	509	657	702	759	797	809	817	853	971	1,114
Inactive corporations	1,000	47	66	82	76	77	76	77	87	93	75	(NA)
Total receipts [1]	Bil. dol.	849	1,195	1,751	2,558	3,090	3,199	3,635	4,128	4,715	5,599	6,361
Total deductions	Bil. dol.	805	1,120	1,683	2,435	2,942	3,053	3,449	3,909	4,467	5,316	6,125
Net income	Bil. dol.	50	81	84	138	171	169	210	245	275	322	297
Net income less deficit [2]	Bil. dol.	44	74	66	120	146	143	185	219	247	285	239
Income subject to tax	Bil. dol.	42	71	72	116	144	[3] 147	183	213	240	279	247
Income tax, total	Bil. dol.	23	32	33	52	66	66	83	96	108	120	105
Foreign tax credit	Bil. dol.	1	3	5	10	21	20	24	26	26	37	25
Investment credit	Bil. dol.	(x)	2	1	4	4	6	9	11	13	15	15
Tax after credits [4]	Bil. dol.	22	27	28	39	41	40	50	57	64	66	63

NA Not available. X Not applicable. [1] Consists of business receipts, taxable and nontaxable interest, rents, royalties, net gain from capital assets (as defined by law) and other property, dividends, and other taxable income. [2] Net income (less deficit) is a tax concept and therefore excludes wholly tax-exempt interest; beginning 1965, includes constructive taxable income from related foreign corporations. [3] See footnote 4, table 533. [4] Tax liability is after deduction for foreign tax credit. Beginning 1965, data are after investment credit; beginning 1973, after work incentive (WIN) credit; beginning 1976, after U.S. possessions tax credit; beginning 1977, after jobs credit; and beginning 1980, after nonconventional source fuel and alcohol fuel credits. Beginning 1965, includes tax from recomputing prior year investment credit; 1970 includes tax surcharge; 1970-1975, includes additional tax for tax preferences; beginning 1973, includes tax from recomputing prior-year work incentive (WIN) credit; and beginning 1976 includes tax credit for outlying areas.

No. 533. Corporation Income Tax Returns—Selected Items: 1970 to 1980

[See headnote, table 532. See also *Historical Statistics, Colonial Times to 1970*, series V 108, 129, 136, 137, and 182-196]

ASSET SIZE CLASS	Number of returns [1] (1,000)	Total receipts (bil. dol.)	Income subject to tax (bil. dol.)	TAX [2] (bil. dol.)		PERCENT DISTRIBUTION		
				Before credits	After credits	Number of returns	Receipts	Tax after credits
1970: Total	**1,665**	**1,750.7**	**72.4**	**33.3**	**27.9**	**100.0**	**100.0**	**100.0**
Under $1.0 million [3]	1,560	439.6	10.7	3.6	3.5	93.7	25.1	12.5
$1.0 million-$9.9 million	87	292.0	9.9	4.6	4.5	5.2	16.7	16.1
$10.0 million-$99.9 million	16	232.0	9.8	4.7	4.4	1.0	13.3	15.8
$100.0 million and over	3	787.2	42.0	20.5	15.4	.2	45.0	55.2
1975: Total	**2,024**	**3,198.6**	[4] **146.6**	**66.1**	**39.7**	**100.0**	**100.0**	**100.0**
Under $1.0 million [3]	1,883	616.0	14.8	4.2	3.8	93.0	19.3	9.6
$1.0 million-$9.9 million	116	516.6	17.1	7.4	6.9	5.7	16.2	17.4
$10.0 million 99.9 million	21	422.4	17.2	8.1	7.2	1.0	13.2	18.1
$100.0 million and over	4	1,643.6	97.3	46.4	21.8	.2	51.4	54.9
1979: Total	**2,557**	**5,598.7**	**279.4**	**120.0**	**65.9**	**100.0**	**100.0**	**100.0**
Under $1.0 million [3]	2,342	943.8	24.9	6.3	4.6	91.6	16.9	7.0
$1.0 million-$9.9 million	181	946.4	29.4	11.7	9.8	7.1	16.9	14.9
$10.0 million-$99.9 million	26	666.3	28.2	12.5	10.5	1.0	11.9	15.9
$100.0 million and over	6	3,042.2	196.8	89.3	41.0	.2	54.3	62.2
1980: Total	**2,711**	**6,361.3**	**246.6**	**105.1**	**63.0**	**100.0**	**100.0**	**100.0**
Under $1.0 million [3]	2,483	992.5	24.1	6.0	4.7	91.6	15.6	7.5
$1.0 million-$9.9 million	192	998.0	28.4	11.3	9.7	7.1	15.7	15.4
$10.0 million-$99.9 million	29	768.2	28.5	12.6	10.3	1.1	12.1	16.3
$100.0 million and over	6	3,600.5	165.5	75.2	38.2	.2	56.6	60.6

[1] Active corporations. [2] Before (after) deduction of foreign tax credit, investment credit; beginning 1975, work incentive (WIN) credit; beginning 1979, U.S. possessions tax credit; jobs credit; and beginning 1980 nonconventional source fuel and alcohol fule credits. Includes tax from recomputing prior-year investment credit and additional tax for tax preferences. Beginning 1975, includes tax from recomputing prior year work incentive (WIN) credit. [3] Includes corporations with zero assets. [4] Excludes tax preference items upon which additional tax for tax preferences is based.

Source of tables 532 and 533. U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual.

No. 534. Value of Shipments to Government—Summary, by Agency: 1979 to 1981

[**In millions of dollars.** Data do not represent all Federal Government procurement; only that of the 92 industries selected for the sample. See source for description of methodology]

ITEM	1979	1980	1981	ITEM	1979	1980	1981
Total industry shipments	**533,074**	**630,988**	**683,029**	Subcontracts	15,205	19,345	21,501
Government shipments	56,702	68,434	80,640	Agency known	10,772	13,861	14,812
Prime contracts	41,498	49,089	59,139	Dept. of Defense	8,608	11,281	12,742
Dept. of Defense	32,711	39,138	48,578	National Aero. and Space	829	755	814
National Aero. and Space	1,913	2,433	2,683	Dept. of Energy	410	410	516
Dept. of Energy	2,891	3,201	3,775	Other agencies	925	1,415	741
Other agencies	3,983	4,317	4,104	Agency not known	4,432	5,483	6,689

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-175(81)-1.

No. 535. Federal Civilian Employment and Annual Payrolls, by Branch: 1960 to 1982

[Includes employees in U.S. territories (Commonwealth, Trust Territory, Condominium, outlying areas, and Disputed Island) and in foreign countries. Figures represent employees in active-duty status, including intermittent employees. Annual figures are for fiscal year and are averages of monthly (as of last day) figures. Excludes Central Intelligence Agency and National Security Agency. See *Historical Statistics, Colonial Times to 1970,* series Y 308-317. for data as of June 30]

BRANCH OF GOVERNMENT	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982
Employment, total [1]	1,000	[2] 2,430	2,539	[2] 2,928	2,882	2,875	2,897	[2] 2,987	2,910	2,871
Percent of U.S. employed [3]	Percent	3.7	3.6	3.7	3.4	3.0	2.9	3.0	2.9	2.9
Executive [1]	1,000	[2] 2,403	2,507	[2] 2,891	2,834	2,822	2,844	[2] 2,933	2,855	2,816
Rate per 1,000 population [4]	Rate	13.1	12.8	14.2	13.2	12.7	12.7	12.9	12.4	12.2
Defense	1,000	1,042	1,038	1,195	1,036	987	970	972	986	1,019
Legislative	1,000	23	25	30	37	40	40	40	40	39
Judicial	1,000	5	6	7	10	13	13	14	15	16
Payrolls, total [1]	Mil. dol	[2] 13,243	18,020	[2] 28,562	40,699	49,921	53,590	[2] 58,012	63,792	65,503
Percent of total Fed. outlays	Percent	14.4	15.2	14.6	12.6	11.1	10.9	10.1	9.7	9.0
Executive [1]	Mil. dol	[2] 13,052	17,746	[2] 28,117	39,944	48,899	52,513	[2] 56,841	62,510	64,126
Defense	Mil. dol	5,864	7,327	11,352	14,356	16,995	18,065	19,234	21,227	22,226
Legislative	Mil. dol	154	216	353	589	771	817	883	922	980
Judicial	Mil. dol	36	58	92	166	251	260	288	360	398

[1] Includes Postal Service Christmas help. [2] Includes 36,417 temporary census workers in 1960; 33,000 in 1970; and 4,975 for 1980. [3] Civilian only. See table 670. [4] Resident population as of July 1.

No. 536. Federal Civilian Employment—Summary: 1960 to 1982

[**In thousands.** Partially estimated. As of **Dec. 31.** Excludes U.S. Territories and foreign countries, Central Intelligence Agency, Christmas help of the U.S. Postal Service, and National Security Agency]

CHARACTERISTIC OF EMPLOYMENT	UNITED STATES								WASHINGTON, D.C., SMSA [1]				
	1960	1965	1970	1975	1979	1980	1981	1982	1965	1970	1980	1981	1982
Paid employment	2,213	2,403	2,645	2,741	2,763	2,772	2,722	2,724	275	316	366	351	347
Male	1,668	1,813	1,931	1,896	1,826	1,790	1,649	1,722	165	180	202	194	191
Female	545	590	714	845	937	982	1,073	1,002	110	136	164	157	156
Full-time	2,084	2,267	2,516	2,496	2,489	2,504	2,473	2,474	268	308	342	331	327
Other	129	136	129	245	274	268	249	250	7	8	24	20	20
Competitive service [2]	2,041	2,201	2,393	1,714	1,695	1,692	1,662	1,676	231	262	258	247	243
Career	1,676	1,788	1,991	1,300	1,344	(NA)	(NA)	(NA)	173	198	(NA)	(NA)	(NA)
Career-conditional	251	298	290	354	293	(NA)	(NA)	(NA)	49	53	(NA)	(NA)	(NA)
Temporary [3]	114	115	112	60	58	70	60	67	9	11	11	7	8
Excepted service [2] [4]	172	202	252	1,027	1,068	1,080	1,060	1,048	44	54	107	103	104
Permanent	100	112	164	863	897	917	926	906	32	38	70	72	71
Other	72	90	88	164	171	163	134	142	12	16	37	31	33
White-collar	1,639	1,850	2,113	2,255	2,300	2,314	2,269	2,092	237	278	334	321	312
Blue-collar	574	553	532	486	463	458	453	632	38	38	32	30	35

NA Not available. [1] See footnote 3, table 538. [2] In 1971, under Postal Reorganization Act of 1970, U.S. Postal Service employees were changed from competitive service to excepted service. [3] Includes "indefinite." [4] Excepted from competitive requirements of Civil Service Act.

No. 537. Accessions to and Separations From Paid Civilian Employment in the Federal Government: 1970 to 1983

[**In thousands, except rate.** For fiscal years ending **June 30** through **1975**; thereafter as of **Sept. 30.** Includes accessions and separations of part-time and intermittent employees]

ITEM	UNITED STATES								WASHINGTON, D.C., SMSA [1]			
	1970	1975	1978	1979	1980	1981	1982	1983, Oct.–Mar.	1980	1981	1982	1983, Oct.–Mar.
Accessions, total	560.7	601.2	651.3	663.9	990.0	547.3	516.9	106.4	94.1	55.3	51.6	11.8
Monthly rate [2]	1.7	1.9	2.0	1.9	2.9	1.7	1.6	4.0	2.3	1.4	1.3	3.6
Separations, total	641.1	586.9	632.4	665.0	966.3	578.1	508.4	107.0	90.9	67.4	53.4	11.4
Monthly rate [2]	2.0	1.8	1.9	4.3	2.8	1.8	1.6	4.0	2.2	1.7	1.4	3.5
Quit [3]	311.5	213.2	223.2	243.3	219.4	214.4	181.4	31.2	31.5	28.8	22.6	4.0
Reduction in force [4]	17.5	10.4	50.0	50.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Discharge [4] [5]	19.7	17.2	19.2	19.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other [4] [6]	292.3	348.1	340.1	342.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] See footnote 3, table 538. [2] Per 100 employees. [3] Represents resignation, transfer to another Federal agency, and abandonment of position. [4] Partially estimated. [5] Represents separation required by an agency for disqualification or inefficiency, and removal for misconduct, delinquency, or other serious cause. [6] Represents termination of appointment, and separation for extended leave without pay, military leave, retirement, death, legal incompetency, and disability not entitled to retirement and displacement.

Source of tables 535–537: U.S. Office of Personnel Management, *Annual Report; Monthly Release of Federal Civilian Work Force Statistics;* and unpublished data.

No. 538. Paid Civilian Employment in the Federal Government—States and Other Areas: 1960 to 1981

[As of **December 31.** Excludes members and employees of Congress, Central Intelligence Agency, temporary Christmas help of the U.S. Postal Service, and National Security Agency]

Region, division, and state or other area	Total employment (1,000)						Percent of U.S.			Employment in selected agencies, 1981 [1] (1,000)			
	1960	1965	1970	1975	1980	1981 [1]	1970	1980	1981 [1]	Dept. of Defense	Postal Service	Veterans Admin.	Dept. of HHS [2]
Total	**2,373**	**2,570**	**2,875**	**2,870**	**2,883**	**2,804**	(x)	(x)	(x)	**1,009.0**	**660.0**	**232.7**	**148.5**
U.S	**2,213**	**2,403**	**2,665**	**2,738**	**2,759**	**2,733**	**100.0**	**100.0**	**100.0**	**924.4**	**657.1**	**230.4**	**147.6**
D.C. area [3]	236	275	318	335	346	336	11.9	12.5	12.3	82.2	17.5	6.6	31.8
50 States [3]	1,977	2,128	2,348	2,403	2,413	2,397	88.1	87.5	87.7	842.2	639.6	223.8	115.8
Regions:													
Northeast	475.8	477.9	504.2	491.8	469.0	463.3	18.9	17.0	17.0	136.2	175.2	50.8	22.2
North Central	424.0	452.9	498.1	497.4	486.0	475.3	18.7	17.6	17.4	121.8	176.1	57.2	20.4
South	609.6	678.3	759.5	810.4	839.1	836.4	28.5	30.4	30.6	335.8	165.1	74.0	48.6
West	467.8	519.2	586.0	603.1	619.4	621.9	22.0	22.5	22.8	248.4	123.2	41.8	24.6
N. Eng	**113.1**	**113.2**	**122.8**	**116.2**	**114.6**	**113.2**	**4.6**	**4.2**	**4.1**	**34.5**	**41.1**	**14.4**	**3.8**
Maine	17.3	15.1	15.1	12.1	9.0	8.9	.6	.3	.3	2.3	3.5	1.3	.3
N.H	3.6	4.4	5.5	10.2	15.0	15.4	.2	.6	.6	10.3	2.6	.8	.1
Vt	3.1	3.2	3.7	4.4	4.4	4.4	.2	.2	.2	.5	1.7	.9	.1
Mass	62.2	60.9	63.5	58.4	57.0	55.5	2.4	2.1	2.0	12.4	21.0	7.7	2.6
R.I	12.3	13.2	14.6	10.1	9.1	9.1	.6	.3	.3	4.3	2.7	1.2	.2
Conn	14.6	16.4	20.4	21.0	20.1	19.9	.8	.7	.7	4.7	9.6	2.5	.5
Mid. Atl	**362.7**	**364.7**	**381.4**	**375.6**	**354.4**	**350.1**	**14.3**	**12.8**	**12.8**	**101.7**	**134.1**	**36.4**	**18.4**
N.Y	179.8	173.1	177.8	172.3	156.3	150.9	6.7	5.7	5.5	20.2	71.2	20.5	9.8
N.J	53.8	58.3	65.9	71.0	69.7	70.6	2.5	2.5	2.6	28.0	27.0	4.6	1.7
Pa	129.1	133.3	137.7	132.3	128.4	128.6	5.2	4.7	4.7	53.5	35.9	11.3	6.9
E. No. Cent	**282.2**	**302.5**	**330.9**	**322.4**	**313.6**	**306.3**	**12.4**	**11.4**	**11.2**	**83.7**	**119.4**	**35.7**	**12.8**
Ohio	88.8	93.5	96.9	93.6	88.4	87.0	3.6	3.2	3.2	33.0	29.7	8.8	2.8
Ind	31.7	35.1	44.4	40.8	41.7	39.9	1.7	1.5	1.5	13.7	13.9	3.8	.9
Ill	98.9	104.3	110.7	106.6	102.2	99.7	4.2	3.7	3.6	21.6	40.9	11.7	6.1
Mich	42.4	47.3	53.4	54.6	54.1	53.4	2.0	2.0	2.0	12.3	23.0	6.2	1.9
Wis	20.4	22.3	25.5	26.8	27.2	26.3	1.0	1.0	1.0	3.1	11.9	5.2	1.1
W. No. Cent	**141.8**	**150.4**	**167.2**	**175.0**	**172.4**	**169.0**	**6.3**	**6.2**	**6.2**	**38.1**	**56.7**	**21.5**	**7.6**
Minn	24.6	26.9	29.3	30.3	30.3	29.4	1.1	1.1	1.1	3.1	13.4	4.8	.8
Iowa	15.8	16.7	18.1	19.2	18.9	18.5	.7	.7	.7	1.5	9.2	3.0	.5
Mo	50.0	56.2	65.0	66.4	66.1	65.5	2.4	2.4	2.4	20.2	17.2	6.0	4.4
N. Dak	5.9	6.9	8.1	9.1	8.7	8.3	.3	.3	.3	1.9	2.3	.6	.4
S. Dak	9.0	9.1	9.3	10.8	10.2	9.9	.3	.4	.4	1.4	2.2	1.9	.8
Nebr	15.4	14.9	15.1	16.1	15.4	15.2	.6	.6	.6	3.8	5.1	2.1	.3
Kans	21.1	19.7	22.3	23.1	22.8	22.2	.8	.8	.8	6.2	7.3	3.1	.4
So. Atl	**280.6**	**317.1**	**363.7**	**389.9**	**395.5**	**399.6**	**13.6**	**14.3**	**14.6**	**179.7**	**77.9**	**33.6**	**33.0**
Del	3.4	3.7	4.7	5.2	4.8	4.8	.2	.2	.2	1.9	1.5	.8	.1
Md. [3]	45.3	51.8	62.0	64.7	62.4	59.7	2.3	2.3	2.2	22.7	7.9	2.9	21.5
Va. [3]	66.9	70.7	74.0	78.0	79.2	82.0	2.8	2.9	3.0	54.6	9.5	5.2	1.1
W. Va	10.5	11.6	13.3	15.6	15.9	17.8	.5	.6	.7	1.7	4.5	2.8	.6
N.C	28.5	31.4	37.3	42.3	41.9	42.2	1.4	1.5	1.5	13.9	11.8	4.8	2.0
S.C	22.5	25.8	29.3	30.7	31.6	32.0	1.1	1.1	1.2	19.4	5.5	2.8	.6
Ga	55.5	64.9	73.8	75.0	77.0	77.6	2.8	2.8	2.8	35.1	13.0	5.1	4.8
Fla	48.0	57.2	69.3	78.4	82.7	83.5	2.6	3.0	3.1	30.4	24.2	9.2	2.3
E. So. Cent	**138.3**	**147.3**	**154.1**	**173.9**	**195.6**	**188.6**	**5.8**	**7.1**	**6.9**	**58.3**	**31.4**	**16.9**	**5.7**
Ky	27.6	29.5	34.7	35.9	34.5	33.7	1.3	1.3	1.2	12.9	7.6	3.3	.8
Tenn	34.1	40.7	44.8	55.4	71.6	67.3	1.7	2.6	2.5	8.1	11.8	6.3	1.1
Ala	60.9	59.5	54.3	58.5	61.3	59.7	2.0	2.2	2.2	25.9	7.4	4.5	3.2
Miss	15.7	17.6	20.3	24.1	28.2	27.9	.8	1.0	1.0	11.4	4.6	2.8	.6
W. So. Cent	**190.7**	**213.9**	**241.7**	**246.6**	**248.0**	**248.2**	**9.1**	**9.0**	**9.1**	**97.8**	**55.8**	**23.5**	**9.9**
Ark	13.1	15.1	16.6	18.7	19.8	18.9	.6	.7	.7	4.9	4.9	3.4	1.7
La	22.9	25.2	27.6	30.6	33.3	31.8	1.1	1.2	1.2	8.5	9.0	3.8	2.1
Okla	42.1	46.9	52.8	47.7	45.7	46.0	2.0	1.7	1.7	24.2	7.7	2.4	2.0
Tex	112.6	126.7	144.7	149.6	149.2	151.5	5.4	5.4	5.5	60.2	34.2	13.9	4.1
Mt	**128.0**	**146.8**	**165.0**	**181.5**	**189.1**	**188.8**	**6.2**	**6.9**	**6.9**	**61.1**	**29.0**	**11.8**	**8.7**
Mont	8.4	9.8	10.3	12.2	12.8	12.5	.4	.5	.5	1.4	2.2	.7	.8
Idaho	6.2	7.4	8.2	9.8	11.2	11.4	.3	.4	.4	1.1	2.1	.6	.2
Wyo	4.7	5.0	5.2	6.1	6.8	6.6	.2	.3	.2	.9	1.2	.9	.1
Colo	33.9	37.7	42.3	48.7	50.3	49.3	1.6	1.8	1.8	13.8	9.2	2.7	1.4
N. Mex	22.8	24.3	25.1	26.9	27.6	27.4	.9	1.0	1.0	9.7	2.7	1.6	2.7
Ariz	19.8	22.7	27.5	33.6	36.1	36.1	1.1	1.3	1.3	10.1	6.4	3.0	3.0
Utah	26.4	32.5	38.3	35.3	34.8	36.5	1.4	1.3	1.3	21.7	3.1	1.5	.2
Nev	5.8	7.4	8.1	8.9	9.5	9.0	.3	.3	.3	2.4	2.1	.8	.3
Pac	**339.8**	**372.4**	**421.0**	**421.6**	**430.3**	**433.1**	**15.8**	**15.6**	**15.8**	**187.3**	**94.2**	**30.0**	**15.9**
Wash	45.6	48.3	52.6	57.8	63.0	62.2	2.0	2.3	2.3	27.6	11.2	4.1	2.4
Oreg	20.0	22.0	24.1	25.6	28.8	28.7	.9	1.0	1.1	3.4	6.6	2.5	.6
Calif	239.5	265.1	303.5	297.8	298.2	301.1	11.4	10.8	11.0	131.6	72.9	23.1	11.1
Alaska	12.6	13.5	14.5	15.1	15.5	15.1	.6	.6	.6	4.6	1.4	.1	1.6
Hawaii	22.1	23.5	26.3	25.3	24.8	26.0	1.0	.9	1.0	20.1	2.1	.2	.2
Outside U.S	**159.7**	**167.1**	**209.9**	**131.8**	**124.3**	**71.3**	(x)	(x)	(x)	**84.6**	**2.9**	**2.3**	**.9**
Territories	32.2	33.8	36.9	33.0	14.0	17.0	(x)	(x)	(x)	6.5	2.9	2.1	.8
Foreign	127.5	133.3	173.0	98.8	110.3	54.3	(x)	(x)	(x)	78.1	-	.2	.1

- Represents zero. X Not applicable. [1] Estimated. [2] Health and Human Services. [3] Washington, D.C. Standard Metropolitan Statistical Area includes District of Columbia, Alexandria and Falls Church cities, Arlington and Fairfax Counties, Va.; and Montgomery and Prince Georges Counties, Md.; beginning 1965, Fairfax City, Va.; beginning July 1967, Loudoun and Prince William Counties, Va.; beginning July 1973, Charles County, Md.; and beginning July 1975, Manassas and Manassas Park, Va. These areas are excluded from data for the 50 States.

Source: U.S. Office of Personnel Management, *Federal Civilian Employment in the United States by Geographic Area*, annual.

No. 539. Paid Civilian Employment in Full-Time Positions in the Federal Government, All Areas: 1965 to 1982

[As of **June 30** through 1970; as of **March 31** thereafter. Excludes employees of Congress and Federal courts, maritime seamen of Dept. of Commerce, and small number for whom rates were not reported. See text, p. 312 for explanation of General Schedule and Wage System. See also *Historical Statistics, Colonial Times to 1970*, series Y 318–331]

COMPENSATION AUTHORITY	EMPLOYEES (1,000)						AVERAGE PAY (dol.)					
	1965	1970	1975	1980	1981	1982	1965	1970	1975	1980	1981	1982
Total	**2,398**	**2,806**	**2,582**	**2,498**	**2,475**	**1,975**	**6,868**	**9,234**	**13,529**	**17,758**	**21,115**	**22,839**
General schedule	1,112	1,287	1,349	1,402	1,395	1,400	7,707	11,065	14,483	17,299	21,833	22,975
Wage system	621	674	528	456	446	449	5,887	6,976	11,197	17,644	19,557	20,550
Postal pay system	534	673	566	528	506	(NA)	6,219	8,120	13,329	17,799	19,089	(NA)
Other	131	172	139	113	127	123	7,032	8,741	13,951	20,344	26,777	29,627

NA Not available.

Source: U.S. Office of Personnel Management, *Pay Structure of the Federal Civil Service*, annual.

No. 540. Federal General Schedule Employee Pay Increases: 1945 to 1982

[Percent change from prior year shown. Represents legislated pay increases. For some years data based on range; for details see source]

EFFECTIVE DATE	Average increase	EFFECTIVE DATE	Average increase	EFFECTIVE DATE	Average increase
July 1, 1945	15.9	July 1, 1964	4.2	Oct. 1, 1973	4.8
July 1, 1946	14.0	Oct. 1, 1965	3.6	Oct. 1, 1974	5.5
June 30, 1948	11.0	July 1, 1966	2.9	Oct. 1, 1975	5.0
Oct. 28, 1949	4.0	Oct. 1, 1967	4.5	Oct. 1, 1976	5.2
June 30, 1951	10.0	July 1, 1968	4.9	Oct. 1, 1977	7.0
Feb. 28, 1955	7.5	July 1, 1969	9.1	Oct. 1, 1978	5.5
Jan. 1, 1958	10.0	Dec. 27, 1969	6.0	Oct. 1, 1979	7.0
July 1, 1960	7.5	Jan. 1, 1971	6.0	Oct. 1, 1980	9.1
Oct. 11, 1962	5.5	Jan. 1, 1972	5.5	Oct. 1, 1981	4.8
Jan. 1, 1964	3.9	Oct. 1, 1972	5.1	Oct. 1, 1982	4.0

Source: U.S. Office of Personnel Management, *Pay Structure of the Federal Civil Service*, annual.

No. 541. Full-Time White-Collar Civilian Employment in the Federal Government—Total and Women, by Grade Levels: 1970 to 1981

[As of **October 31**]

SEX AND GRADE [1]	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981
Total employment	**1,000**	**1,982**	**1,957**	**1,976**	**1,981**	**1,978**	**1,995**	**1,978**	**1,985**	**[2] 1,513**
Women	**1,000**	**657**	**682**	**697**	**711**	**721**	**737**	**747**	**767**	**[2] 690**
Percent of total	**Percent**	**33.1**	**34.8**	**35.3**	**35.9**	**36.5**	**36.9**	**37.7**	**38.6**	**[2] 45.6**
General Schedule and Equivalent Pay System	1,000	1,259	1,404	1,428	1,456	1,469	1,483	1,465	1,473	1,481
Women [3]	1,000	507	586	601	621	632	645	646	664	679
Percent of total	Percent	40.3	41.7	42.1	42.7	43.0	43.5	44.1	45.1	45.9
Grades 1-6 ($8,342-$18,630)	1,000	521	588	585	587	587	584	563	561	563
Women	1,000	376	418	419	424	424	425	415	416	417
Percent of total	Percent	72.2	71.1	71.6	72.2	72.2	72.8	73.8	74.1	74.1
Grades 7-10 ($15,922-$27,884)	1,000	302	333	344	352	354	357	355	357	359
Women	1,000	101	123	132	142	147	153	157	165	171
Percent of total	Percent	33.4	36.9	38.4	40.3	41.5	42.9	44.4	46.3	47.6
Grades 11-12 ($23,566-$36,723)	1,000	264	286	297	309	316	326	331	335	343
Women	1,000	25	36	40	44	48	54	58	64	71
Percent of total	Percent	9.5	12.6	13.5	14.2	15.2	16.6	17.5	19.3	20.8
Grades 13-15 ($33,586-$50,112)	1,000	164	190	196	201	205	209	213	217	215
Women, percent of total	Percent	3.0	4.7	5.1	5.5	5.9	6.2	7.0	8.2	9.2
Grades 16-18 ($50,112) [4]	1,000	8	7	7	7	7	7	4	3	1
Women, percent of total	Percent	1.4	2.4	2.7	2.9	3.6	4.2	5.0	4.4	6.4
Postal pay system	1,000	618	527	519	498	486	490	487	483	[2]
Women	1,000	102	86	86	81	81	83	91	93	[2]
Percent of total	Percent	16.5	16.3	16.5	16.3	16.6	16.9	18.6	19.2	[2]
Other pay systems	1,000	105	26	28	27	21	22	25	29	32
Women	1,000	48	10	10	9	8	9	10	10	11
Percent of total	Percent	45.7	38.5	35.4	33.3	39.7	40.9	38.4	35.5	33.3

[1] Pay ranges shown for General Schedule grades are as of Oct. 1, 1981, and apply only to the 1981 data. [2] Excludes U.S. Postal Service. [3] Includes women in Grades 16-18 not shown separately. [4] Beginning 1979, change in number reflects shift of senior level employees to Senior Executive Service.

Source: U.S. Office of Personnel Management, *Occupations of Federal White-Collar and Blue-Collar Workers*, biannual.

NO. 542. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY, ALL AREAS: 1965 TO 1982

[As of June 30 through 1975; thereafter, as of Sept. 30. See headnote, table 535. See also *Historical Statistics, Colonial Times to 1970*, series Y 308-317]

AGENCY	1965	1970	1975	1979	1980	1981	1982 [1]
All agencies	[2] 2,527,492	2,921,909	2,896,944	2,875,872	2,875,866	2,860,392	2,824,768
Percent Dept. of Defense	40.9	40.9	36.0	33.4	33.4	34.4	35.0
Percent Postal Service	23.6	24.9	24.1	23.0	23.0	23.2	23.3
Legislative branch	25,947	30,715	38,531	39,727	39,710	38,616	38,791
Congress	9,296	11,815	17,317	[3] 18,900	[3] 19,096	[3] 18,980	[3] 19,454
United States Senate	3,474	4,362	6,144	7,148	7,195	7,147	7,199
U.S. House of Representatives	5,822	7,453	11,173	11,738	11,888	11,823	12,241
Architect of the Capitol	1,519	1,631	2,061	2,331	2,168	2,037	2,128
General Accounting Office	4,274	4,631	5,513	5,310	5,488	5,279	5,248
Government Printing Office	7,416	8,557	8,549	7,099	6,767	6,408	6,002
Library of Congress	3,386	3,848	4,649	5,430	5,527	5,240	5,246
All other	56	233	442	657	664	672	713
Judicial branch	5,904	6,887	10,399	13,493	15,178	15,651	15,992
United States Courts	(NA)	6,664	10,122	13,187	14,847	15,311	15,664
Supreme Court	(NA)	223	277	306	331	340	328
Executive branch [4]	2,495,641	2,884,307	2,848,014	2,822,652	2,820,978	2,806,125	2,769,985
Executive Office of the President	2,849	4,742	1,918	1,818	1,886	1,683	1,596
White House Office	333	311	625	408	406	394	366
Office of Management and Budget	524	633	673	619	616	677	612
Council of Economic Advisers	46	59	40	23	35	34	40
Council on Environmental Quality [5]	(x)	32	69	48	49	16	12
National Security Council	38	75	89	74	69	67	60
All other	1,908	3,632	422	646	711	495	506
Executive departments	1,568,747	1,812,572	1,736,872	1,724,921	1,716,970	1,707,353	1,691,337
Agriculture	113,017	116,012	120,999	127,809	129,139	128,595	121,175
Commerce	33,668	[6] 57,674	36,228	54,101	[6] 48,563	39,689	34,451
Defense	1,033,775	1,193,784	1,041,829	960,286	960,116	984,183	989,633
Department of the Army	366,726	443,369	378,937	346,694	348,534	354,360	356,615
Department of the Navy	333,271	376,340	319,719	303,472	302,498	315,290	314,244
Department of the Air Force	291,500	306,323	268,466	234,249	233,132	235,014	236,996
Other Defense Activities	42,278	67,752	74,707	75,871	75,952	79,519	81,778
Education [7]	(x)	(x)	(x)	(x)	7,364	6,488	5,692
Energy [8]	(x)	(x)	(x)	20,540	21,557	19,567	17,945
Health and Human Services [7]	87,316	108,044	147,125	160,652	155,662	155,666	147,791
Housing and Urban Development [9]	13,777	15,190	17,161	17,451	16,964	15,617	14,279
Interior	70,711	73,361	80,198	77,647	77,357	75,899	78,869
Justice	33,222	39,257	51,541	55,265	56,327	55,173	57,094
Labor	9,527	10,991	14,834	22,959	23,400	21,243	19,248
State	39,552	39,753	30,376	29,782	23,497	23,775	24,120
Transportation	[10] 45,421	65,985	75,035	73,546	72,361	59,456	62,392
Treasury	88,761	92,521	121,546	124,883	124,663	122,002	118,648
Independent agencies:							
ACTION [11]	1,104	1,317	1,864	1,882	1,837	1,845	583
American Battle Monuments Commission	439	404	399	379	386	377	383
Arms Control and Disarmament Agency	175	177	190	226	221	187	186
Board of Governors, Federal Reserve System	667	1,016	1,460	1,459	1,498	1,491	1,531
Civil Aeronautics Board	846	682	728	746	734	648	516
Commission on Civil Rights	109	153	275	304	304	279	272
Consumer Product Safety Comm. [12]	(x)	(x)	959	929	921	820	656
Environmental Protection Agency	(x)	(x)	10,772	13,543	14,715	12,754	12,273
Equal Empl. Opportunity Commission	19	850	2,183	3,630	3,515	3,413	3,190
Export-Import Bank, U.S	308	358	444	398	385	366	342
Farm Credit Administration	235	235	223	267	271	282	299
Federal Communications Commission	1,541	1,537	2,137	2,248	2,244	2,089	1,927
Federal Deposit Insurance Corporation	1,544	2,478	3,103	3,512	3,520	3,357	3,481
Federal Emergency Mgmt. Agency	(x)	(x)	(x)	2,392	3,427	2,367	2,197
Federal Home Loan Bank Board	1,300	1,273	1,452	1,490	1,470	1,538	1,576
Federal Labor Relations Authority	(x)	(x)	(x)	254	349	394	283
Federal Maritime Commission	251	233	314	328	325	300	275
Federal Mediation and Conciliation Service	422	450	523	521	503	479	370
Federal Trade Commission	1,157	1,330	1,661	1,860	1,846	1,669	1,529
General Services Administration	36,524	37,945	39,561	37,758	37,654	34,237	30,397
Int'l. Communications Agency [13]	11,628	10,262	8,809	8,245	8,138	7,849	7,900
International Trade Commission	298	242	427	372	424	434	431
Interstate Commerce Commission	2,427	1,755	2,115	2,084	1,998	1,712	1,390
Merit System Protection Board	(x)	(x)	(x)	316	435	475	474
National Aeronautics and Space Administration	34,049	32,548	26,447	23,614	23,714	23,039	22,563

See footnotes at end of table.

No. 542. Paid Civilian Employment in the Federal Government, by Agency, All Areas: 1965 to 1982—Continued

[See headnote, page 336]

AGENCY	1965	1970	1975	1979	1980	1981	1982 [1]
Independent agencies—Con.							
National Credit Union Administration [14]	(x)	419	570	650	726	707	612
National Endowment for the Arts [15]	(x)	103	557	300	362	305	291
National Endowment for the Humanities [15]				290	293	268	267
National Labor Relations Board	2,252	2,144	2,485	3,029	2,936	2,935	2,612
National Mediation Board	135	126	103	67	68	61	57
National Science Foundation	1,116	1,211	1,424	1,396	1,394	1,366	1,344
National Transportation Safety Board	(x)	(x)	291	380	384	361	*291*
Nuclear Regulatory Commission	(x)	(x)	2,247	3,024	3,283	3,545	3,822
Office of Personnel Management [16]	3,789	5,508	8,157	8,076	8,280	7,635	*6,563*
Panama Canal Commission	11,936	12,571	11,689	10,040	8,700	8,474	8,329
Peace Corps	(x)	(x)	(x)	(x)	(x)	(x)	*1,011*
Pension Benefit Guaranty Corporation	(x)	(x)	208	438	463	453	438
Railroad Retirement Board	1,767	1,734	1,961	1,820	1,795	*1,634*	*1,559*
Securities and Exchange Commission	1,420	1,454	2,002	2,054	2,056	1,957	1,963
Selective Service System	7,587	8,395	2,257	73	97	280	240
Small Business Administration	3,751	4,269	4,796	5,912	5,804	5,088	4,975
Smithsonian Institution	2,334	2,641	3,746	4,621	4,403	4,359	4,317
Soldiers' and Airmen's Home	1,134	1,126	1,041	1,007	994	979	978
Tennessee Valley Authority	16,797	22,244	28,423	49,941	51,714	50,102	39,900
U.S. International Development Cooperation Agency	(17)	(17)	(17)	(17)	6,152	5,835	5,558
U.S. Postal Service [18]	595,512	726,472	699,174	661,800	660,014	663,100	659,552
Veterans Administration	167,059	168,719	213,143	226,084	228,285	232,417	235,982
All other	709	579	1,682	2,153	2,052	1,780	1,568

NA *Not available.* X Not applicable. [1] Includes 25,038 employees exempted from personnel ceilings in *Youth Program* and Worker Trainee Opportunities Program. [2] Includes 33,460 *appointments* under Youth Opportunity Campaign. [3] Includes *13 in 1979, 13 in 1980, 12 in 1981, and 14 in 1982* of Commission on Security and Cooperation in Europe. [4] *Includes agencies* not shown separately. [5] Agency established in 1969. [6] *Includes* 24,278 enumerators in 1970 census, and 4,975 enumerators *in the 1980 census.* [7] Dept. of Education established Sept. 1979; formerly included with Health and *Human Services* (previously HEW). [8] Dept. of Energy established Oct. 1, 1977. [9] Includes Housing and Home Finance Agency. [10] Data represent *Federal* Aviation Admin. and St. Lawrence Seaway Development Corp., both of which were transferred to Dept. of Transportation in Apr. 1967. [11] Formerly Peace Corps; *became* an independent agency in 1971; Peace Corps re-established Dec. 29, 1981. [12] Established Oct. 1972. [13] In Mar. 1978 United States Information Agency *became* International Communications Agency. [14] Agency established in 1970. [15] Established as the National Foundation on the Arts and *Humanities* in 1965; divided in Sept. 1978. [16] Formerly Civil Service Commission. [17] Included in State *Dept.* prior to 1980. [18] Post Office, an executive department through 1970, *reorganized* and became U.S. Postal Service, an independent *agency, as of* July 1, 1971.

Source: U.S. Office of Personnel Management, *Annual Report* and *Monthly Release of Federal Civilian Work Force Statistics.*

No. 543. White-Collar Full-Time Civilian Workers in the Federal Government, by Major Occupation Group and Sex: 1980 and 1981

[As of **October 31.** Includes U.S. outlying areas and foreign countries, but excludes foreign nationals overseas]

MAJOR OCCUPATION GROUP	1980		1981 [1]	
	Total (1,000)	Percent male	Total (1,000)	Percent male
Total	**1,985.0**	**61.4**	**1,512.6**	**54.4**
Professional	326.6	76.1	330.4	75.8
Administrative	433.3	73.9	400.6	71.4
Technical	359.2	56.6	346.8	55.6
Clerical	818.4	49.2	392.5	14.0
Other [2]	47.6	90.6	42.7	91.2
General admin., clerical, and office services	448.7	31.1	429.7	30.4
Postal	451.5	82.0	(1)	(1)
Engineering and architecture	153.8	96.4	154.2	95.8
Accounting and budget	125.2	46.5	123.3	44.6
Medical, hosptial, dental, and public health	132.1	35.1	134.8	35.0
Business and industry	75.9	62.0	80.3	58.4
Legal and kindred	71.0	42.0	71.8	41.0
Social science, psychology, and welfare	60.6	61.4	60.6	60.4
Supply	56.3	50.3	57.4	48.5
Biological sciences	52.0	86.2	58.7	85.7
Investigation	49.0	89.9	49.9	88.9
Personnel management and industrial relations	48.5	39.9	47.2	38.1
Transportation	44.9	80.6	24.6	75.1
Physical sciences	43.8	87.6	43.8	86.8
Education	29.0	56.5	28.3	56.8
Information and arts	21.2	61.7	21.3	59.8
Quality assurance inspection and grading	18.7	91.5	18.8	90.4
Math. and statistics	15.0	66.6	14.6	66.5
Equipment, facilities, and service	14.8	94.9	15.1	93.8
Library and archives	9.8	35.9	9.8	34.4
Other	63.8	88.4	58.8	88.3
Average salary, total	**$21.5**	(x)	**$23.1**	(x)
Professional	$30.9	(x)	$31.9	(x)
Administrative	$28.3	(x)	$29.5	(x)
Technical	$18.2	(x)	$18.8	(x)
Clerical	$15.8	(x)	$13.8	(x)

X Not applicable. [1] Excludes U.S. Postal Service. [2] Includes *unspecified.*

Source: U.S. Office of Personnel Management, *Occupations of Federal White-Collar and Blue-Collar Workers,* biennial.

No. 544. Salaries of Selected Federal Government Officials: 1949 to 1983

Year [1]	President	Vice President	Cabinet officers	Congressmen [2]	Year [1]	President	Vice President	Cabinet officers	Congressmen [2]
1949	[3] $100,000	$30,000	$22,500	([4])	1975	([4])	[5] $65,600	$63,000	$44,600
1955	([4])	35,000	([4])	$22,500	1976	([4])	[6] 68,800	[6] 66,000	[6] 46,800
1956	([4])	([4])	25,000	([4])	1977-1978	([4])	[5] 75,000	66,000	57,500
1964	([4])	43,000	35,000	([4])	1979-1980	([4])	[7] 79,100	[7] 69,600	[7] 60,700
1965	([4])	([4])	([4])	30,000	1980-1982	([4])	[7] 79,100	[7] 69,600	[7] 60,700
1969	[3] 200,000	[5] 62,500	60,000	42,500	1983	([4])	91,000	80,100	[8] 69,800

[1] When salary change became effective. [2] Representatives and senators. [3] Plus $50,000 for official expenses. [4] No change from prior year shown. [5] Plus $10,000 expense allowance. [6] Pursuant to Legislative Branch Appropriation Act, 1977, salaries paid were limited to the rates in effect on Sept. 30, 1976. [7] Pursuant to Public Law 96-86, salaries paid are limited to the *rates in effect for 1978.* [8] Public Law 97-377, December 18, 1982; Senate salary remains $60,700, however, a Senate pay bill is expected to be passed by the House that will increase the Senate pay rate to that of the House.

Source: U.S. Office of Personnel Management, *Annual Report,* and unpublished data.

No. 545. Full-Time Civilian Blue-Collar Employment by Group: 1960 to 1981

[Covers full-time civilian blue-collar employment as of **October 31** in all Federal departments and agencies except members and staff of Congress, the Congressional Budget Office, Copyright Royalty Tribunal, Office of Technology Assessment, most of the Judicial Branch, and the Board of Governors of the Federal Reserve System. The Central Intelligence and National Security agencies are exempt by law from reporting personnel data to Office of Personnel Management. Excludes foreign nationals employed overseas; beginning 1980 excludes the U.S. Postal Service]

Major occupation group	1960	1970	1980	1981	Major occupation group	1960	1970	1980	1981
Total	**635,207**	**574,928**	**452,834**	**452,069**	Misc. occupations	-	725	4,932	5,009
Electronic equip. install. and maintenance	22,836	29,898	23,896	23,865	Industrial equipment maintenance	16,183	19,096	19,249	19,928
Electrical installation and maintenance	32,324	28,723	25,533	24,453	Industrial equipment operation	37,340	26,365	18,375	18,061
Instrument work	6,223	7,727	6,029	6,108	Transportation/mobile equip. operations	48,257	45,463	28,836	28,627
Machine tool work	31,938	21,751	17,763	17,991	Transportation/mobile equip. maintenance	24,184	29,215	23,485	23,041
General services and support work	90,776	60,654	39,374	37,720	Armament work	5,161	6,491	5,156	5,311
Metal processing	15,262	11,190	8,952	9,166	Warehousing and stock handling	50,799	46,597	37,654	39,762
Metal work	23,217	21,547	24,150	25,579	Packing and processing	10,323	8,518	8,380	8,761
Painting, paperhanging	13,865	11,202	10,095	10,207	Food preparation and serving	27,858	29,703	23,745	22,680
Plumbing and pipefitting	17,707	15,901	19,097	18,640	Engine overhaul	11,367	8,155	5,237	5,538
Printing	14,869	14,091	10,345	6,301	Aircraft overhaul	21,343	18,473	16,599	17,200
Woodwork	21,929	17,861	13,891	12,707	Other	78,926	76,912	44,156	45,999
General maintenance and operation	12,520	16,670	17,905	17,415					

- Represents zero.

Source: U.S. Office of Personnel Management, *Occupations of Federal White-Collar and Blue-Collar Workers,* biennial.

No. 546. Full-Time Federal Government Employment, By Race and Hispanic Origin, and By Pay System: 1980 and 1981

[As of **Nov. 30.** Excludes Hawaii, Guam, foreign nationals abroad, and employment within the U.S. Postal Service]

Pay system	1980					1981				
	Total employees (1,000)	Minority groups				Total employees (1,000)	Minority groups			
		Total [1] (1,000)	Percent of total	Black, non-Hispanic (1,000)	Hispanic (1,000)		Total [1] (1,000)	Percent of total	Black, non-Hispanic (1,000)	Hispanic (1,000)
All pay systems, total	**1,926.2**	**437.5**	**22.7**	**305.1**	**80.1**	**1,848.0**	**437.5**	**23.7**	**298.3**	**82.2**
General schedule and similar [2]	1,455.5	302.6	20.8	211.3	51.9	1,412.5	305.9	21.7	209.5	53.6
GS 1-4 ($8,342-$14,937)	273.9	90.2	32.9	65.8	13.4	261.6	88.1	33.6	62.9	13.8
GS 5-8 ($12,854-$22,926)	445.0	116.8	26.2	87.9	18.2	434.0	118.3	27.3	88.0	18.6
GS 9-12 ($19,477-$36,723)	521.0	77.4	14.9	47.2	16.6	508.5	80.3	15.8	48.1	17.4
GS 13-15 ($33,586-$60,689)	215.6	18.3	8.5	10.5	3.7	208.5	19.2	9.2	10.6	3.9
Executive, total	8.4	.6	7.1	.4	(Z)	7.3	.5	6.7	.3	(Z)
Wage systems	440.9	131.1	29.7	91.4	27.7	405.1	127.1	31.4	86.4	27.8
Other pay systems	21.4	3.2	15.0	2.0	.5	23.1	3.9	17.1	2.1	.7

Z Fewer than 50. [1] Includes American Indians, Alaska Natives, Asians, and Pacific Islanders, not shown separately. [2] Pay rates as of Oct. 1981 for general schedule. Each grade (except Executive) includes several salary steps. Range is from lowest to highest step of grades shown.

Source: U.S. Office of Personnel Management, *Equal Employment Opportunity Statistics,* annual, and unpublished data.

NO. 547. FEDERAL LAND AND BUILDINGS OWNED AND LEASED: 1960 TO 1982

[As of **June 30**, except, beginning **1976**, as of **Sept. 30**. Covers Federal real property throughout the world, except as noted. Totals include data not shown separately. For data on Federal land by State, see table 343]

ITEM AND AGENCY	Unit	1960	1965	1970	1975	1979	1980	1981	1982
Federally owned:									
Land, total	Mil. acres	772	766	762	761	770	720	731	730
Dept. of Agriculture	Mil. acres	186	187	187	188	188	184	193	193
Dept. of Defense	Mil. acres	30	30	31	31	30	30	23	23
Dept. of the Interior	Mil. acres	553	546	540	538	549	502	512	511
Buildings, number [1]	1,000	413	433	418	405	411	403	359	387
Dept. of Defense [1]	1,000	320	335	319	312	314	301	264	292
Dept. of the Interior	1,000	31	34	34	30	33	34	35	35
Buildings, floor area [1]	Mil. sq. ft	2,445	2,490	2,542	2,502	2,692	2,522	2,349	2,467
Dept. of Defense [1]	Mil. sq. ft	1,929	1,874	1,857	1,802	1,914	1,777	1,579	1,707
General Services Administration	Mil. sq. ft	122	172	205	194	203	202	210	199
Dept. of the Interior	Mil. sq. ft	42	47	61	58	63	65	68	69
Veterans Administration	Mil. sq. ft	115	114	110	111	116	116	117	117
Cost of land, buildings, etc. [2]	Bil. dol	53	66	79	91	113	107	107	117
Dept. of Defense	Bil. dol	31	39	44	56	66	60	63	68
Dept. of the Interior	Bil. dol	5	6	8	10	11	10	10	12
Federally leased:									
Land	Mil. acres	1.8	1.8	1.6	1.2	1.4	1.4	1.4	1.4
Dept. of Defense	Mil. acres	1.7	1.7	1.4	1.0	1.2	1.2	1.1	1.2
Buildings, floor area [1]	Mil. sq. ft	97	132	182	210	218	214	216	215
Dept. of Defense [1]	Mil. sq. ft	11	7	7	13	12	14	15	14
Rental property, cost	Mil. dol	174	282	451	664	912	1,054	1,320	1,422
Dept. of Defense	Mil. dol	35	35	63	65	72	156	316	314

[1] Excludes data for Dept. of Defense military functions outside United States. [2] See headnote, table 548.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual, and *Inventory Report on Real Property Leased to the United States Throughout the World*, annual.

NO. 548. FEDERALLY OWNED LAND AND COST OF LAND, BY PREDOMINANT USAGE: 1960 TO 1982

[As of **June 30**, except beginning **1978**, as of **Sept. 30**. Covers land in United States only (50 States and D.C.). Cost of land figures represent total cost of property owned in year shown and exclude unreserved public domain; public domain reserved for national parks, national forests, military installations and other purposes; and historical sites acquired by methods other than by purchase. Properties are reported at actual or estimated cost as of date of acquisition without considering depreciation, obsolescence, or economic changes in value. For data on Federal land by State, see table 343]

YEAR AND AGENCY	Total	Forest and wildlife	Grazing	Parks and historic sites	Military, exc. airfields	Flood control, navigation	Reclamation, irrigation	Power development	Airfields	Other
LAND (mil. acres)										
1960, total	771.5	513.5	166.7	22.4	18.3	5.5	8.0	1.9	2.0	33.2
1965, total	765.8	508.4	165.2	22.8	15.7	6.7	7.8	1.9	2.0	35.3
1970, total	761.3	503.2	163.5	24.6	17.7	7.4	7.5	2.1	1.5	33.8
1975, total	760.4	502.3	164.0	25.3	18.1	8.0	7.0	1.5	2.3	32.0
1978, total	775.2	514.8	162.7	26.7	20.6	8.2	6.1	1.6	1.5	33.1
1979, total	769.9	472.1	162.5	68.5	18.0	8.3	6.0	1.5	1.5	31.4
1980, total	719.5	421.8	162.2	92.6	18.5	8.3	4.8	1.5	.4	9.3
1981, total	730.8	432.3	161.7	102.2	10.5	8.4	3.8	1.6	1.1	9.2
1982, total	729.8	433.3	161.8	100.6	10.6	8.5	3.7	1.5	.7	9.1
Dept. of Agriculture	192.5	172.3	19.7	(Z)	-	-	-	-	-	.5
Dept. of Energy	2.4	-	-	-	-	-	(Z)	(Z)	-	2.3
Dept. of Defense	22.9	.1	(Z)	.1	10.6	7.6	-	.7	.7	3.1
Dept. of the Interior	510.5	260.9	142.1	100.4	-	(Z)	3.7	.7	(Z)	2.8
Tennessee Valley Authority	1.0	(Z)	-	.2	-	.7	-	(Z)	-	.1
Other	.5	(Z)	-	(Z)	(Z)	.2	(Z)	-	(Z)	.3
COST OF LAND (mil. dol.)										
1960	2,956	130	22	142	348	1,063	170	219	195	667
1965	4,128	237	18	180	298	1,915	224	204	203	849
1970	5,475	350	26	373	331	2,591	312	251	162	1,079
1975	6,872	589	26	618	334	3,381	313	273	199	1,139
1978	8,762	789	27	1,047	477	3,914	580	296	133	1,499
1979	9,680	900	27	1,417	480	4,104	377	286	146	1,943
1980	9,982	975	28	1,560	502	4,331	365	304	123	1,792
1981	10,355	1,121	29	1,823	274	4,504	264	321	240	1,780
1982	10,777	1,211	29	1,907	286	4,696	280	316	194	1,857

- Represents zero. Z Less than 50,000 acres.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual.

NO. 549. PUBLIC LANDS—DISPOSAL TRANSACTIONS AND CASH RECEIPTS: 1951 TO 1982

[For years ending June 30 except, beginning 1977, Sept. 30. For explanation of terms, see text, p. 312. Period figures are totals, not annual averages. See also *Historical Statistics, Colonial Times to 1970,* series J 10-15 and J 26-32]

ITEM	Unit	1951-1960, total	1961-1970, total	1971-1975, total	1976-1980,[1] total	1977	1978	1979	1980	1981	1982
Applications, entries and selections allowed[2]	1,000 acres	3,176	17,518	13,078	[3] 134,014	10,518	860	18,649	1,167	1,311	10,390
Alaska	1,000 acres	1,535	15,019	12,898	[3] 133,932	10,469	850	18,644	1,160	1,277	10,299
Applications, entries, and selections approved[2]	1,000 acres	2,382	4,177	4,704	13,262	1,161	1,364	277	175	340	18,121
Alaska	1,000 acres	164	2,537	4,270	13,013	1,145	1,360	256	2	321	17,996
Patents and certificates[2]	1,000 acres	5,628	11,524	5,584	14,389	1,163	108	616	2,495	1,258	411
Alaska	1,000 acres	246	6,050	4,470	13,884	990	24	556	2,443	1,090	191
Homestead entries:[4]											
Allowed	Number	6,158	2,383	211	25	13	-	1	1	12	3
Acres	1,000	790	292	24	3	2	-	(Z)	(Z)	1	(Z)
Approved[5]	1,000 acres	442	172	42	13	5	1	1	1	2	2
Cash receipts	Mil. dol	1,457	4,770	16,141	19,715	3,008	2,924	4,052	5,079	11,279	7,880
Mineral leases and permits	Mil. dol	1,188	4,168	15,509	18,308	2,717	2,661	3,754	4,783	10,960	7,679
Oil, gas	Mil. dol	887	3,955	15,387	17,963	2,669	2,600	3,671	4,684	10,884	7,557
Offshore	Mil. dol	236	2,918	14,462	15,973	2,373	2,259	3,267	4,101	10,138	6,250
Timber	Mil. dol	209	478	496	1,062	235	195	218	216	216	87
Fees and commissions	Mil. dol	9	37	46	153	27	32	40	29	44	4
Other	Mil. dol	51	87	90	192	29	36	40	51	59	110

- Represents zero. Z Less than 500 acres. [1] Includes transition quarter, July-Sept. 1976. [2] Covers homestead, desert land, and mineral entries, public auction sales, Indian and State selections; and other disposal transactions. [3] Includes entries under the Alaska Native Claims Act of Dec. 18, 1971. [4] Excludes ceded Indian lands. [5] Excludes commuted homesteads.

Source: U.S. Bureau of Land Management, *Public Land Statistics,* annual.

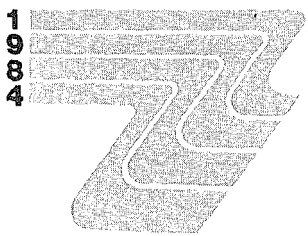
NO. 550. PUBLIC LANDS—LEASES, PERMITS, AND LICENSES, BY CLASS: 1960 TO 1982

[As of June 30 through 1975; thereafter as of Sept. 30; except as noted. Excludes leases on acquired, submerged, and military lands. See *Historical Statistics, Colonial Times to 1970,* series J 41-42, for oil and gas leases]

YEAR	MINERAL CLASS							GRAZING[2]	
	Total	Leases				Permits	Licenses	Leases[3]	Permits[4]
		Total	Oil and gas[1]	Coal	Other				
Number:									
1960	142,114	140,057	139,534	294	229	2,035	22	9,911	18,976
1965	101,863	101,086	100,339	379	368	763	14	8,912	16,712
1970	100,598	100,010	99,038	525	447	583	5	8,559	16,627
1975	104,075	103,762	102,815	529	418	309	4	7,785	15,480
1977	104,377	104,079	102,130	523	1,426	294	4	7,792	15,099
1978	105,284	105,088	102,984	524	1,580	183	13	9,884	14,925
1979	107,176	107,014	104,769	535	1,710	139	23	7,773	14,676
1980	106,125	105,963	103,571	522	1,870	132	30	7,700	14,741
1981	111,842	111,645	109,041	562	2,042	157	40	7,521	14,628
1982	118,589	118,365	115,389	607	2,369	149	75	7,826	12,956
Acreage (1,000):									
1960	118,157	114,136	113,667	199	270	4,020	1	18,532	(NA)
1965	66,267	64,955	64,148	374	433	1,311	1	18,057	(NA)
1970	65,374	64,323	63,030	764	529	1,051	(Z)	18,262	(NA)
1975	82,618	81,885	80,621	780	485	733	(Z)	17,144	(NA)
1977	86,903	86,275	83,319	791	2,164	626	2	16,387	(NA)
1978	90,202	89,823	86,585	790	2,447	334	45	24,705	(NA)
1979	96,482	96,109	92,642	798	2,669	299	74	17,534	(NA)
1980	100,585	100,198	96,503	786	2,909	278	109	17,028	(NA)
1981	117,257	116,777	112,729	833	3,215	337	143	17,180	(NA)
1982	151,743	151,193	146,502	910	3,781	189	361	17,304	157,575

NA Not available. Z Less than 500 acres. [1] For data on Outer Continental Shelf, see Section 27. [2] 1960-1977 as of Dec. 31. Beginning 1978, as of Feb. 28 of following year. [3] Lands outside grazing districts, which are owned, leased, or otherwise controlled by the United States and administered by the Bureau of Land Management and which are subject to leasing for grazing purposes. [4] Licenses and permits within grazing districts.

Source: U.S. Bureau of Land Management, *Public Land Statistics,* annual.



Section 12

National Defense and Veterans Affairs

This section presents data on national defense and its human and financial costs; active and reserve military personnel; ships, equipment and aircraft; and federally sponsored programs and benefits for veterans. The principal sources of these data are the annual *Selected Manpower Statistics* and other reports issued by the Office of the Secretary of Defense; annual reports of the Departments of the Army, Navy, and Air Force, and the National Guard Bureau; *Annual Report of Administrator of Veterans Affairs,* Veterans Administration, and *The Budget of the United States Government,* Office of Management and Budget. For more data on expenditures, personnel, and ships, see Section 33.

Department of Defense (DOD).—The Department of Defense is responsible for providing the military forces of the United States. It includes the Office of the Secretary of Defense, the Organization of the Joint Chiefs of Staff, the military departments (Army, Navy, Air Force), and the defense agencies (e.g., Defense Logistics Agency). The Secretary of Defense is appointed from civil life by the President and must be confirmed by the U.S. Senate. The President serves as Commander in Chief of the Armed Forces; from him, the authority flows to the Secretary of Defense and through the Joint Chiefs of Staff to the commanders of unified (e.g., the overseas commands in Europe and the Pacific where Army, Navy, and Air Force activities are unified under command of a single person) and specified commands (e.g., Strategic Air Command).

Reserve components.—Reserve personnel of the Armed Forces consist of the Army National Guard, Army Reserve, Naval Reserve, Marine Corps Reserve, Air National Guard, Air Force Reserve, and Coast Guard Reserve. They provide trained personnel available for active duty in the Armed Forces in time of war or national emergency and at such other times as authorized by law.

The National Guard has dual Federal-State responsibilities and uses jointly provided equipment, facilities, and budget support. In peacetime, the National Guard is State-administered, and trained under the authority of the State Governors. The President is empowered to mobilize the National Guard and to use such of the Armed Forces as he considers necessary to enforce Federal or State authority in any State.

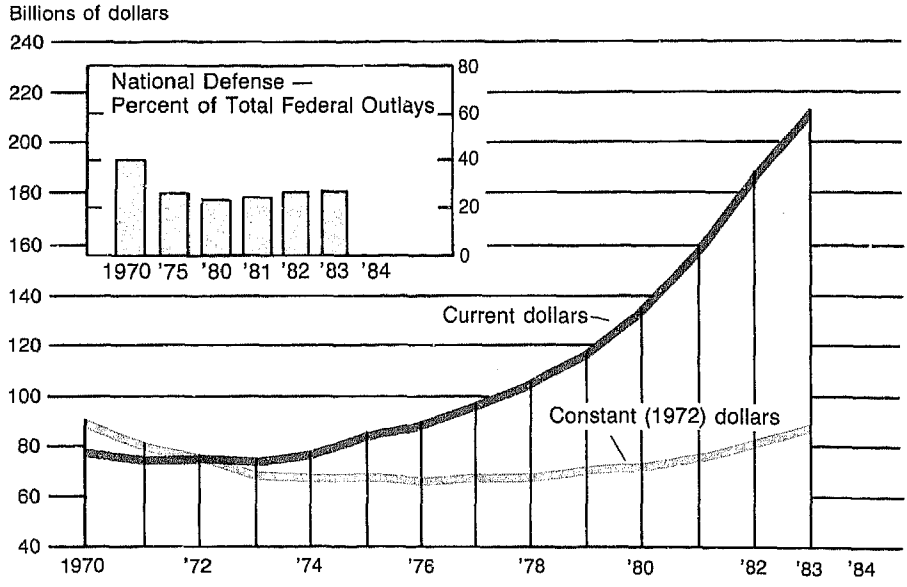
The ready reserve includes selected reservists who are intended to assist active forces in a war and the individual ready reserve who, in a major war, would be used to fill out active and reserve units and later would be a source of combat replacements; a portion of the ready reserve serves in an active status. The standby reserve cannot be called to active duty unless the Congress gives explicit approval. The retired reserve represents a low potential for mobilization.

Veterans Administration.—The Veterans Administration (VA) administers laws authorizing benefits for eligible former and present members of the Armed Forces, and for the beneficiaries of deceased members. Veterans benefits available under various acts of Congress include: Compensation for service-connected disability or death; pensions for nonservice-connected disability or death; vocational rehabilitation, education, and training; home loan insurance; life insurance; health care; special housing and automobiles or other conveyances for certain disabled veterans; burial and plot allowances; and educational assistance to families of deceased or totally disabled veterans, servicemen missing in action, or prisoners of war. Since these benefits are legislated by Congress, the dates they were enacted and the dates they apply to veterans may be different from the actual dates the conflicts occurred.

VA estimates of veterans cover all persons with active duty service during periods of war or armed conflict and until 1982 include those living outside the United States. Veteran population estimates for September 1982 are for the 50 States, the District of Columbia and Puerto Rico. Veterans whose active duty service was entirely during periods of peacetime are eligible for some veterans benefits and, where appropriate, are included in VA estimates.

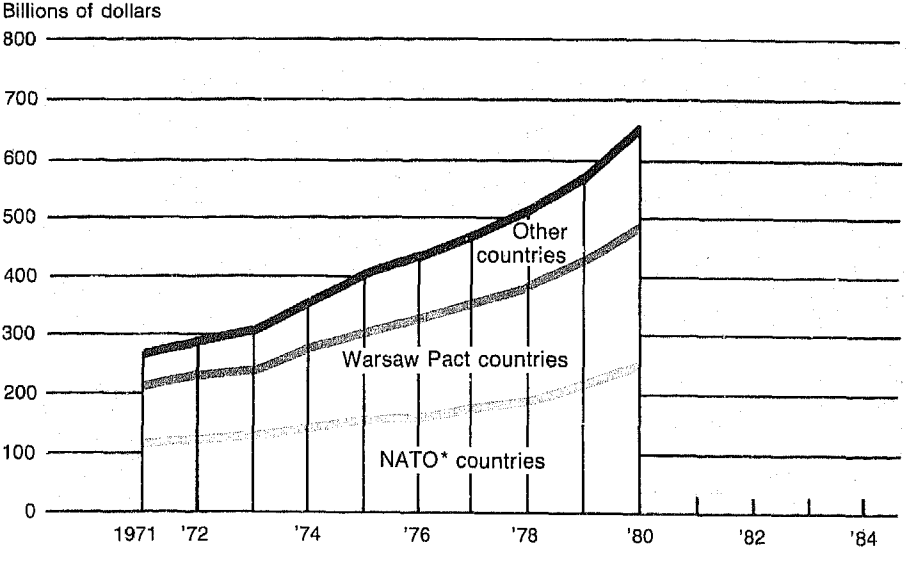
Historical statistics.—Tabular headnotes provide cross-references, where applicabie, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 12.1
Federal Budget Outlays for National Defense: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 551.

Figure 12.2
World Military Expenditures: 1971 to 1980



* North Atlantic Treaty Organization
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 563.

No. 551. Federal Budget Outlays for National Defense and Veterans Benefits: 1950 to 1983

[Through 1976, for years ending June 30, except as noted; beginning 1977, ending Sept. 30. Includes outlays of Department of Defense, Veterans Administration, and other agencies for activities primarily related to national defense and veterans programs. For explanation of average annual percent change, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series Y 472-473 and Y 476, for related data. Minus sign (−) indicates decline]

Year	Total federal outlays, all functions: Current dollars (bil. dol.)	Total federal outlays, all functions: Constant (1972) dollars: Total (bil. dol.)	Total federal outlays, all functions: Constant (1972) dollars: Annual percent change [1]	Total national defense and veterans outlays (bil. dol.)	National defense outlays: Current dollars: Total (bil. dol.)	National defense outlays: Current dollars: Annual percent change [1]	National defense outlays: Current dollars: Percent of—: Federal outlays	National defense outlays: Current dollars: Percent of—: GNP [2]	National defense outlays: Constant (1972) dollars: Total (bil. dol.)	National defense outlays: Constant (1972) dollars: Annual percent change [1]	Veterans benefits: Total outlays (bil. dol.)	Veterans benefits: Percent of total Federal outlays
1950	42.6	93.8	10.0	21.2	12.4	5.1	29.1	4.7	30.9	10.0	6.8	20.7
1955	68.5	126.4	6.2	44.5	39.8	26.3	58.1	10.5	76.8	20.0	4.7	6.9
1960	92.2	143.3	2.5	50.6	45.2	2.6	49.0	9.1	72.9	−1.0	5.4	5.9
1962	106.8	162.1	6.4	54.7	49.0	4.1	45.9	8.9	77.5	3.1	5.6	5.3
1963	111.3	162.8	.4	55.7	50.1	2.3	45.0	8.7	75.4	−2.7	5.5	5.0
1964	118.6	170.3	4.6	57.2	51.5	2.8	43.5	8.3	76.1	.9	5.7	4.8
1965	118.4	166.9	−2.0	53.2	47.5	−7.8	40.1	7.2	68.9	−9.5	5.7	4.8
1966	134.7	183.0	9.6	60.8	54.9	15.6	40.7	7.6	76.3	10.7	5.9	4.4
1967	157.6	207.5	13.4	75.1	68.2	24.4	43.3	8.8	92.0	20.6	6.9	4.4
1968	178.1	224.6	8.2	85.6	78.8	15.4	44.2	9.5	101.2	10.0	6.9	3.9
1969	183.6	220.2	−2.0	87.1	79.4	.8	43.2	8.7	97.5	−3.6	7.6	4.1
1970	195.7	220.2	-	87.2	78.6	−1.0	40.1	8.1	90.1	−7.6	8.7	4.4
1971	210.2	222.6	.9	85.6	75.8	−3.6	36.1	7.3	81.4	−9.7	9.8	4.6
1972	230.7	230.7	3.6	87.3	76.6	1.1	33.2	6.8	76.6	−5.9	10.7	4.6
1973	245.6	233.3	1.1	86.6	74.5	−2.7	30.3	6.0	70.0	−8.6	12.0	4.9
1974	267.9	236.9	1.5	91.2	77.8	4.4	29.0	5.6	68.4	−2.3	13.4	5.0
1975	324.2	260.2	9.8	102.1	85.6	10.0	26.4	5.8	68.7	.4	16.6	5.1
1976	364.5	274.3	5.4	107.9	89.4	4.4	24.5	5.5	67.1	−2.3	18.4	5.0
1976, TQ [3]	94.2	68.3	(x)	26.3	22.3	(x)	23.7	5.2	16.3	(x)	4.0	4.2
1977	400.5	280.6	2.3	115.5	97.5	9.1	24.3	5.2	67.8	1.0	18.0	4.5
1978	448.4	293.8	4.7	124.2	105.2	7.9	23.5	5.0	68.0	.3	19.0	4.2
1979	491.0	297.2	1.2	137.6	117.7	11.9	24.0	5.0	70.6	3.8	19.9	4.0
1980	576.7	316.7	6.6	157.0	135.9	15.5	23.6	5.3	72.7	3.0	21.2	3.7
1981	657.2	327.5	3.4	182.8	159.8	17.6	24.3	5.6	76.4	5.1	23.0	3.5
1982	728.4	338.7	3.4	211.4	187.4	17.3	25.7	6.2	81.7	6.9	24.0	3.3
1983, est	805.2	356.6	5.3	239.2	214.8	14.6	26.7	6.7	88.8	8.7	24.4	3.0

- Represents zero. X Not applicable. [1] Change from prior year shown; for 1950, change from 1949. [2] Gross national product; for definition, see text, p. 447. [3] Transition quarter, July-Sept.

No. 552. Federal Budget Outlays for National Defense Functions: 1965 to 1983

[**In billions of dollars, except percent.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Minus sign (−) indicates decline. See *Historical Statistics, Colonial Times to 1970*, series Y 473, for total]

Defense function	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, est.
Total	**47.5**	**78.6**	**74.5**	**77.8**	**85.6**	**89.4**	**97.5**	**105.2**	**117.7**	**135.9**	**159.8**	**187.4**	**214.8**
Annual percent change [1]	−7.8	−1.0	−2.7	4.4	10.0	4.4	9.1	7.9	11.9	15.5	17.6	17.3	14.6
Defense Dept., military	45.9	77.1	73.2	77.6	84.9	87.9	95.6	103.0	115.0	132.8	156.1	182.9	208.9
Military personnel	13.4	23.0	23.2	23.7	25.0	25.1	25.7	27.1	28.4	30.8	36.4	42.3	45.3
Percent of military	29.2	29.8	31.7	30.5	29.4	28.6	26.9	26.3	24.7	23.2	23.3	23.1	21.1
Active forces	12.7	22.0	21.7	22.1	23.2	23.3	23.9	25.1	26.3	28.5	33.4	38.4	40.6
Reserve forces	.7	1.1	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.5	3.1	3.9	4.7
Military retirees	1.4	2.8	4.4	5.1	6.2	7.3	8.2	9.2	10.3	11.9	13.7	14.9	16.1
Percent of military	3.1	3.6	6.0	6.6	7.3	8.3	8.6	8.9	9.0	9.0	8.8	8.1	7.7
Operation, maintenance	12.3	21.6	21.1	22.5	26.3	27.8	30.6	33.6	36.4	44.8	51.9	59.7	64.6
Procurement [2]	11.8	21.6	15.7	15.2	16.0	16.0	18.2	20.0	25.4	29.0	35.2	43.3	55.2
Army	1.8	5.2	2.8	2.6	2.5	1.4	2.6	3.2	4.5	5.4	6.9	8.7	12.1
Navy [3]	4.9	7.9	7.0	7.3	8.1	8.0	8.5	9.2	11.8	12.4	14.8	16.7	21.1
Air Force	5.1	8.4	5.8	5.4	5.3	6.5	6.9	7.3	8.9	10.9	13.5	16.0	21.9
Research and development	6.2	7.2	8.2	8.6	8.9	8.9	9.8	10.5	11.2	13.1	15.3	17.7	21.4
Military construction	1.0	1.2	1.1	1.4	1.5	2.0	1.9	1.9	2.1	2.5	2.5	2.9	4.1
Family housing	.6	.6	.7	.9	1.1	1.2	1.4	1.4	1.5	1.7	1.7	2.0	2.4
Other [4]	−.9	−1.0	−1.1	−.2	−.1	−.4	−.2	−.8	−.2	−1.0	−.6	.1	−.2
Atomic energy activities [5]	1.6	1.4	1.4	1.5	1.5	1.6	1.9	2.1	2.5	2.9	3.4	4.3	5.5
Defense-related activities [6]	-	.1	.1	−1.2	−.8	-	-	.2	.1	.1	.3	.3	.4

- Represents zero. [1] Change from prior year; for 1965, change from 1964; for 1970, change from 1969; and for 1973, change from 1972. [2] Includes other defense agencies not shown separately. [3] Includes Marine Corps. [4] Revolving and management funds, trust funds, special foreign currency program, allowances, and offsetting receipts. [5] Defense activities only. [6] Includes civil defense activities.

Source of tables 551 and 552: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 553. Department of Defense—Funds Available and Outlays: 1965 to 1983

[In billions of dollars, except percent. For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** See *Historical Statistics, Colonial Times to 1970,* series Y 458–460 for outlays]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	*1983,* est.
Funds available	**64.2**	**90.5**	**92.7**	**95.9**	**102.9**	**114.8**	**131.0**	**139.8**	**151.1**	**169.2**	**206.1**	**243.7**	**277.0**
New obligated authority	50.5	75.4	79.6	82.9	87.6	97.9	110.7	118.1	127.8	145.9	181.5	208.7	238.2
Military	49.2	74.2	77.6	81.1	85.8	95.7	108.4	115.3	125.0	142.6	178.4	205.8	235.1
Civil	1.3	1.2	2.0	1.8	1.8	2.2	2.3	2.8	2.8	3.3	3.1	2.9	3.1
Unobligated balance	13.8	15.1	13.1	13.0	15.3	16.9	20.3	21.7	23.3	23.3	24.6	35.0	38.8
Military	13.6	14.8	12.7	12.6	15.1	16.7	20.0	21.3	23.0	23.0	24.2	34.6	38.5
Civil	.1	.3	.4	.4	.2	.2	.3	.4	.3	.3	.4	.4	.3
Outlays (DOD) [1]	**47.1**	**78.3**	**74.9**	**79.3**	**87.0**	**90.0**	**97.9**	**105.6**	**117.9**	**136.0**	**159.2**	**185.9**	**211.8**
Percent of funds available	73.4	86.5	80.7	82.7	84.5	78.3	74.7	75.5	78.0	80.4	77.2	76.3	76.5
Military	45.9	77.1	73.2	77.6	84.9	87.9	95.6	103.0	115.0	132.8	156.1	182.9	208.9
Civil [1]	1.2	1.2	1.7	1.7	2.1	2.1	2.3	2.6	2.9	3.2	3.1	3.0	2.9

[1] Includes nondefense civil outlays by other departments.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government,* annual.

No. 554. Department of Defense—Budget Authority by Major Mission: 1975 to 1983

[In millions of dollars. For years ending **Sept. 30,** except **1975** and **1976** ending **June 30]**

MISSION	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	**86,150**	**95,695**	**107,755**	**116,267**	**124,673**	**142,158**	**176,105**	**211,438**	**240,455**
General purpose	27,978	32,851	37,912	42,168	46,942	52,410	68,326	87,747	101,150
Training, medical	19,939	21,499	22,463	23,989	26,064	29,302	35,211	39,779	42,226
Strategic forces	7,108	7,155	9,306	9,130	8,337	11,090	12,446	15,496	19,900
Central supply and maint	9,056	9,714	11,071	11,964	12,810	15,312	17,566	18,784	20,469
Research and development	7,695	8,645	9,842	10,122	10,850	11,799	14,172	16,896	18,714
Intelligence and communications	6,332	6,671	7,407	7,891	8,030	9,115	11,303	13,901	17,396
Guard and reserve	4,789	5,374	5,890	6,880	7,049	7,875	9,866	10,369	11,582
Airlift and sealift	899	1,262	1,517	1,619	1,746	2,085	2,935	3,918	4,246
Admin. and assoc. activities	2,103	2,260	2,127	2,244	2,403	2,531	3,348	3,644	4,037
Support of other nations	251	264	218	260	441	641	932	905	736

Source: U.S. Office of Management, *The Budget of the United States Government,* annual.

No. 555. Federal Research and Development Funding for National Defense: 1971 to 1984

[In millions of dollars. The years 1971 and 1975 show obligation data; subsequent years show budget authority data]

DEFENSE PROGRAMS	1971	1975	1980	1981	1982	1983 (est.)	1984 (est.)
Total	**8,110**	**9,679**	**14,946**	**18,413**	**22,070**	**24,913**	**31,984**
Department of Defense (DOD)—military	7,501	9,001	13,813	17,060	20,539	23,183	30,066
Research, development, test and evaluation	7,161	8,572	13,345	16,472	19,897	22,491	29,344
Technology base	(NA)	1,372	2,265	2,600	2,933	3,213	3,544
Advanced technology development	(NA)	300	604	593	751	820	1,233
Strategic programs	(NA)	2,143	2,165	3,440	4,636	5,901	9,160
Tactical programs	(NA)	2,923	5,233	6,130	6,890	7,229	8,850
Intelligence and communications	(NA)	643	1,152	1,632	2,160	2,725	3,576
Defensewide mission support	(NA)	1,192	1,926	2,077	2,527	2,603	2,982
Other DOD military	339	429	466	588	642	692	722
Atomic energy defense activities (DOE [1])	609	678	1,133	1,348	1,525	1,727	1,905
Naval reactors development	136	173	241	250	277	329	370
Weapons research, development, and testing	469	447	628	793	949	1,050	1,190
Inertial confinement fusion		46	113	140	122	140	127
Verification and control		(2)	11	14	19	20	24
Materials production	(NA)	7	13	26	49	61	65
Defense nuclear waste management	–	(NA)	83	82	71	71	88
Nuclear materials and safeguards development	3	6	43	43	38	37	41
Other defense-related activities	1	–	–	5	–	–	–
Federal Energy Management Agency [3]	1	–	–	5	6	4	13

– Represents zero. NA Not available.

[1] Department of Energy (in 1971 Atomic Energy Commission and in 1975 Energy Research and Development Administration).

[2] Included within weapons R&D and testing activities.

[3] In 1971 the Office of Emergency Preparedness.

Source: U.S. National Science Foundation, unpublished data.

No. 556. Defense-Oriented Industries—Employment and Shipments to Defense Department by State: 1980 and 1981

[Based on a sample survey conducted by the U.S. Bureau of the Census. The survey sample included plants in 92 of the approximately 450 four-digit SIC manufacturing industries, which based on earlier studies had been shown to be engaged most extensively in business with the Federal Government. See Appendices B and C of source for detail]

STATE AND DIVISION	EMPLOYEES (1,000)		SHIPMENTS TO DOD [1] (mil. dol.)		STATE AND DIVISION	EMPLOYEES (1,000)		SHIPMENTS TO DOD [1] (mil. dol.)	
	1980	1981	1980	1981		1980	1981	1980	1981
U.S. total	**5,956**	**5,862**	**630,988**	**683,029**	**So. Atl.—Con.**				
N. Eng	**586**	**587**	**41,157**	**45,946**	W. Va	12	11	1,842	1,885
Maine	19	19	1,004	1,077	N.C	83	87	7,786	8,933
N.H	36	39	2,117	2,435	S.C	65	49	3,787	3,662
Vt	21	22	1,326	1,599	Ga	80	59	5,417	5,637
Mass	258	268	18,587	20,936	Fla	121	116	10,122	9,642
R.I	39	37	2,949	2,924	**E. So. Cent**	**219**	**211**	**25,184**	**25,905**
Conn	213	202	15,174	16,975	Ky	39	37	6,635	7,768
Mid. Atl	**1,022**	**991**	**92,833**	**98,491**	Tenn	83	81	6,662	8,023
N.Y	465	460	41,185	43,385	Ala	62	57	6,083	5,958
N.J	247	233	20,295	22,088	Miss	36	36	5,804	7,156
Pa	311	298	31,353	33,018	**W. So. Cent**	**502**	**508**	**117,442**	**133,740**
E. No. Cent	**1,292**	**1,265**	**131,622**	**140,339**	Ark	36	35	3,615	4,184
Ohio	343	336	32,031	35,135	La	59	60	27,091	30,275
Ind	185	181	20,215	21,654	Okla	78	79	12,179	13,712
Ill	357	345	45,918	45,447	Tex	328	333	74,556	85,570
Mich	261	261	21,282	24,820	**Mt**	**206**	**210**	**23,425**	**27,400**
Wis	146	141	12,176	13,284	Mont	2	2	1,529	1,615
W. No. Cent	**439**	**429**	**41,546**	**44,478**	Idaho	7	7	718	732
Minn	110	114	8,782	9,756	Wyo	1	1	2,004	2,124
Iowa	79	75	7,183	7,559	Colo	66	67	6,248	6,990
Mo	150	144	12,878	13,352	N. Mex	13	15	1,524	2,974
N. Dak	2	1	790	797	Ariz	79	79	7,240	8,105
S. Dak	10	6	556	426	Utah	31	32	3,646	4,202
Nebr	19	19	1,481	1,660	Nev	8	8	516	658
Kans	71	69	9,876	10,928	**Pac**	**1,186**	**1,182**	**114,819**	**119,355**
So. Atl	**505**	**482**	**42,962**	**44,376**	Wash	129	123	17,103	17,877
Del	7	7	2,033	2,376	Oreg	52	53	4,072	4,391
Md	68	64	5,769	5,433	Calif	997	998	90,859	93,803
Va	88	88	6,205	6,808	Alaska	(D)	(D)	(D)	(D)
					Hawaii	(D)	(D)	(D)	(D)

D Withheld to avoid disclosing operations of individual companies. [1] DOD=Department of Defense.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-175 (81)-1.

No. 557. Defense-Related Industries—Value of Selected Shipments, 1972 to 1982

[In millions of dollars]

MILITARY EQUIPMENT	1972	1977	1978	1979	1980	1981	1982
Aircraft, complete	2,803	4,580	3,719	4,430	5,892	6,393	7,670
Aircraft engines	437	1,048	816	1,113	1,473	1,555	1,668
Missile and space vehicle engines (complete, and engine parts)	741	984	1,128	1,294	1,739	1,992	2,360
Guided missiles and space vehicles, complete	4,531	5,731	6,407	7,507	8,236	9,854	12,181
Missile systems (complete, excluding propulsion)	3,176	3,991	4,519	5,638	5,754	7,095	9,014
Space vehicle systems (complete, excluding propulsion)	1,355	1,740	1,888	1,869	2,482	2,759	3,167
Ships, new self-propelled	1,100	2,212	2,282	2,512	2,903	3,318	3,444
Ship repair	387	718	912	969	1,134	1,296	1,321

Source: U.S. Bureau of Industrial Economics, *1982 U.S. Industrial Outlook.*

No. 558. Defense Spending and Productivity Growth: 1950 to 1979

[Growth=Annual percent change; Defense share=percent change]

COUNTRY	1950-1960	1960-1970	1970-1979	COUNTRY	1950-1960	1960-1970	1970-1979
United States:				**France:**			
Productivity growth	2.3	2.1	1.1	Productivity growth	(NA)	4.8	3.4
Defense share of GDP	10.3	8.7	6.1	Defense share of GDP	7.2	5.4	3.9
Japan:				**United Kingdom:**			
Productivity growth	(NA)	9.7	4.5	Productivity growth	(NA)	2.8	2.0
Defense share of GDP	1.0	.9	.9	Defense share of GDP	7.9	5.8	4.9
Germany:				**Canada:**			
Productivity growth	(NA)	4.6	3.4	Productivity growth	3.0	2.4	1.3
Defense share of GDP	3.9	4.2	3.9	Defense share of GDP	5.6	3.3	2.0

NA Not available.

Source: The Congress of the United States, Congressional Budget Office, *Defense Spending and the Economy*, February 1983. Data from Data Resources, Inc., *NATO Facts and Figures* (Brussels: NATO Information Service, 1976); Stockholm International Peace Research Institute, Stockholm, Sweden, *World Armaments and Disarmament, SIPRI Year Book 1981* (London: Taylor and Francis, Ltd., 1981).

No. 559. Defense Purchases, National Income and Product Account Basis (NIPA): 1977 to 1982

[**In billions of dollars, except percent.** National defense purchases on a NIPA basis will differ from other published measures of DOD spending, such as budget authority or outlays, because of coverage and timing differences. Coverage differences consist of DOD outlays that do not appear as NIPA purchases; primarily military retired pay. Timing differences occur because purchases are largely recorded on a delivery basis, while outlays are recorded on a checks-issued basis. See source for further detail. See text, page 484, and table 799]

PURCHASES	CURRENT DOLLARS						CONSTANT (1972) DOLLARS					
	1977	1978	1979	1980	1981	1982	1977	1978	1979	1980	1981	1982
Total purchases	**92.8**	**100.3**	**111.8**	**131.2**	**154.0**	**179.4**	**65.4**	**65.7**	**67.4**	**70.0**	**73.6**	**78.8**
Percent of GNP [1]	4.8	4.6	4.6	5.0	5.2	5.8	4.8	4.6	4.6	4.7	4.9	5.3
Durable goods	22.3	24.1	29.0	33.5	40.4	49.6	16.5	16.2	17.7	18.2	19.6	21.7
Military equipment [2]	17.2	18.8	22.9	26.5	31.9	40.0	12.7	12.6	13.8	14.3	14.9	17.1
Aircraft	6.9	7.2	9.1	10.9	12.7	16.5	5.3	4.8	5.5	5.7	5.9	6.5
Ships	3.3	3.5	3.7	4.2	4.9	6.0	2.0	2.0	2.0	2.0	2.1	2.4
Missiles	2.2	2.6	3.2	3.7	4.6	5.7	1.9	2.0	2.0	2.1	2.3	2.5
Nondurable goods [2]	5.0	5.5	6.6	10.7	12.6	13.7	2.2	2.2	2.2	2.4	2.6	2.8
Bulk petroleum	2.9	3.2	4.0	7.6	9.0	9.5	.9	.9	.8	.9	.9	1.0
Ammunition	.9	1.1	1.3	1.6	1.8	2.3	.5	.6	.7	.7	.8	.8
Services [2]	63.1	68.3	73.8	83.8	97.8	112.2	45.1	45.6	46.1	47.8	49.9	52.6
Compensation of employees	42.8	46.1	48.7	52.1	61.3	68.4	32.0	32.2	32.0	32.2	33.1	33.9
Military	24.9	26.3	27.6	30.5	36.0	40.9	19.2	19.0	18.7	18.9	19.5	19.9
Percent of services	39.4	38.5	37.5	36.4	36.8	36.4	42.6	41.7	40.6	39.7	39.1	37.8
Structures	2.4	2.5	2.5	3.2	3.2	3.8	1.6	1.6	1.4	1.5	1.5	1.7

[1] GNP = Gross national product. [2] Includes items not shown separately.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-1976*, and *Survey of Current Business*, July 1983 issues.

No. 560. Department of Defense Military Procurement: 1960 to 1982

[**In billions of dollars.** Net values for years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Includes all new prime contracts; debit or credit changes in contracts are also included. Actions cover official awards, amendments, or other changes in prime contracts to obtain military supplies, services, or construction. Excludes term contracts and contracts which do not obligate a firm total dollar amount or fixed quantity, but includes job orders, task orders, and delivery orders against such contracts]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Total military procurement [1]	**23.7**	**28.0**	**36.0**	**45.8**	**55.6**	**65.2**	**69.3**	**81.7**	**103.2**	**122.7**
Department of the Army [2]	5.9	6.3	10.3	11.5	12.0	14.0	16.1	18.7	24.1	29.7
Department of the Navy	7.4	9.0	10.9	15.6	17.6	21.8	23.4	25.4	29.9	39.8
Department of the Air Force	10.4	9.7	10.7	12.9	18.0	19.9	20.5	24.7	29.1	34.7
With business firms for work in U.S. [1] [3]	21.3	25.3	31.2	37.1	45.6	52.6	57.0	64.9	85.3	100.5
Department of the Army [2]	4.9	5.5	8.6	8.5	9.6	10.7	12.2	13.4	18.4	22.5
Department of the Navy	6.7	8.3	9.5	13.4	15.2	19.3	20.9	22.8	26.8	35.7
Department of the Air Force	9.6	8.8	9.6	10.4	14.2	15.4	16.2	18.7	23.4	27.6
Advertised contract	3.0	4.7	3.9	3.4	3.9	3.8	4.0	4.3	5.5	5.6
Negotiated contract	18.3	20.6	27.3	33.7	41.7	48.8	53.0	60.6	79.7	103.8
With small business firms [4]	3.4	4.9	5.3	7.4	8.9	10.1	11.5	12.8	16.9	18.2
Intragovernmental [5]	.8	.6	1.6	5.0	6.2	7.5	7.2	10.1	9.8	12.8
Educational and nonprofit institutions	.4	.7	.7	.8	.9	1.1	1.2	1.4	1.6	2.0
For work outside U.S.	1.2	1.4	2.4	2.4	2.8	4.0	3.9	5.4	6.6	7.5

[1] Beginning 1965, includes agencies not shown separately. [2] Beginning 1965, includes defense agencies except Defense Logistics Agency. [3] Includes Defense Logistics Agency, contracts awarded for work in U.S. possessions, Commonwealth of Puerto Rico, Trust Territories of the Pacific, and other areas subject to complete sovereignty of U.S.; contracts in a classified location; and any intragovernmental contracts entered into overseas. [4] Covers firms not dominant in their fields of operation and employing fewer than 1,000, 750, or 500 persons, depending on industry classifications. For certain types of firms, other criteria are used, such as yearly gross sales. [5] 1960 includes interservice purchases; thereafter, covers only purchases from other Federal agencies and reimbursable purchases on behalf of foreign governments.

Source: U.S. Dept. of Defense, *Military Prime Contract Awards*, annual.

No. 561. Employment—Defense-Related Agencies Compared With Total Federal and Total United States: 1960 to 1982

[**In thousands, except percent.** Annual averages]

EMPLOYMENT	1960	1965	1970	1975	1978	1979	1980	1981	1982
Total U.S. employment [1]	68,292	73,811	81,866	88,026	98,165	100,912	101,405	102,539	101,706
Federal	**4,944**	**5,262**	**6,116**	**5,062**	**4,992**	**4,985**	**5,089**	**5,052**	**5,051**
Armed Forces	2,514	2,723	3,188	2,180	2,117	2,088	2,102	2,142	2,180
Civilian personnel [2]	2,430	2,539	2,928	2,882	2,875	2,897	2,982	2,910	2,871
Federal defense-related agencies, excluding Armed Forces [3]	**1,057**	**1,053**	**1,211**	**1,036**	**969**	**949**	**948**	**972**	**979**
Percent of Federal civilian personnel	43.5	41.5	41.4	36.0	33.7	32.8	31.7	33.4	34.1
Federal defense-related agencies [1]	**3,571**	**3,776**	**4,399**	**3,216**	**3,086**	**3,037**	**3,050**	**3,114**	**3,159**
Percent of total Federal [1]	72.2	71.8	71.9	63.5	61.7	60.9	59.9	61.6	62.5
Percent of total U.S. [1]	5.2	5.1	5.4	3.7	3.2	3.0	3.0	3.0	3.1

[1] Includes Armed Forces. [2] Includes all direct employment by U.S. Government abroad regardless of citizenship. [3] Source: Beginning 1977, U.S. Dept. of Defense, *Civilian Manpower Statistics*, Sept. 1981.

Source: Except as noted, U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, and U.S. Office of Personnel Management, *Monthly Release of Federal Civilian Work Force Statistics*.

No. 562. Department of Defense Contract Awards, Payroll, Civilian and Military Personnel—States: 1980 to 1982

[For years ending **Sept. 30. Contracts** refer to awards made in year specified; expenditures relating to awards may extend over several years. **Payroll** estimates cover active duty military and direct hire civilian personnel, including Army Corps of Engineers. **Civilian employees** represent direct hire civilian employees; excluded are those who are not subject to Office of Management and Budget ceiling controls, such as Summer Aides. **Military personnel** in each department include a number of personnel in a transient status. These personnel are in a travel, proceed, leave enroute, or temporary duty status while on permanent change of station (PCS) orders. The Navy and Air Force report these personnel at their location prior to their arrival at their new permanent duty location. The Army includes these personnel in one category entitled "Undistributed," whom also includes personnel for which an exact location is undetermined]

STATE	CONTRACT AWARDS [1] (mil. dol.)			PAYROLL (mil. dol.)			CIVILIAN EMPLOYEES			MILITARY PERSONNEL		
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
Total	**76,430**	**96,653**	**115,280**	**38,003**	**43,688**	**47,387**	**871,841**	**890,996**	**899,411**	**1,359,942**	**1,368,096**	**1,387,689**
Ala	626	790	930	829	964	1,023	24,425	24,419	24,972	29,667	24,038	23,395
Alaska	251	323	327	414	447	467	4,405	4,329	4,493	20,287	20,582	21,000
Ariz	727	1,123	1,490	528	604	605	9,739	9,661	9,685	22,830	22,513	23,143
Ark	122	154	452	226	259	254	4,708	4,601	4,452	9,370	9,076	9,698
Calif	13,853	16,630	22,578	5,940	6,897	7,735	123,119	127,962	128,214	194,715	195,989	198,080
Colo	510	935	1,072	727	865	884	13,183	13,276	13,531	36,273	43,524	41,291
Conn	3,867	4,492	5,897	249	278	306	4,342	4,407	4,426	5,312	5,509	5,485
Del	240	236	239	110	122	141	1,800	1,762	1,761	5,120	4,772	5,102
D.C	590	595	861	770	731	744	16,204	16,440	16,215	15,402	15,655	12,868
Fla	1,984	3,094	4,046	1,742	2,061	2,235	28,320	29,065	28,720	67,028	70,578	71,524
Ga	884	1,245	1,596	1,430	1,634	1,795	33,369	34,509	35,638	74,896	62,639	63,962
Hawaii	315	591	511	1,150	1,302	1,476	18,870	19,501	20,090	43,723	44,201	42,945
Idaho	19	28	77	99	122	108	1,145	1,135	1,118	5,650	5,783	5,449
Ill	945	1,155	1,210	903	1,079	1,115	20,606	20,664	20,865	40,851	41,727	39,149
Ind	1,290	1,713	2,004	332	383	424	13,073	12,988	13,070	5,983	5,993	5,800
Iowa	283	312	339	34	38	45	1,413	1,423	1,447	417	423	439
Kans	775	1,008	1,442	434	523	536	5,984	5,940	6,333	25,840	26,127	25,931
Ky	245	372	247	704	754	866	12,072	12,206	12,964	40,087	39,790	41,458
La	480	2,826	1,455	462	537	567	8,123	8,252	8,884	23,763	24,564	25,732
Maine	457	475	784	142	164	186	2,082	2,089	2,048	4,967	4,952	5,048
Md	1,784	2,373	3,082	1,403	1,453	1,600	37,883	38,730	39,225	33,889	33,482	34,536
Mass	3,729	4,596	5,301	392	442	461	11,508	11,914	11,551	9,451	9,770	10,215
Mich	1,696	1,735	1,572	374	428	442	11,276	11,770	11,999	8,840	8,848	9,266
Minn	1,048	1,159	1,434	88	95	88	2,784	2,909	2,636	1,910	1,689	920
Miss	636	1,168	1,161	483	581	580	10,663	10,499	10,366	18,720	19,264	19,807
Mo	3,191	4,349	5,294	667	645	700	18,953	19,133	19,749	18,430	17,972	17,443
Mont	32	42	36	91	107	93	1,240	1,142	1,164	4,609	4,430	4,325
Nebr	100	106	140	290	359	336	3,599	3,650	3,695	12,127	12,404	12,319
Nev	50	78	109	192	229	228	2,367	1,849	1,901	9,204	10,322	11,050
N.H	305	392	538	248	283	312	9,201	9,406	9,546	3,863	3,854	3,884
N.J	1,517	2,303	2,858	788	919	973	25,861	27,631	27,447	20,657	18,379	19,077
N. Mex	286	383	455	424	505	559	9,281	9,637	9,517	15,478	15,648	16,611
N.Y	5,648	6,481	7,741	630	658	726	18,733	18,457	18,275	17,447	21,295	22,031
N.C	651	825	828	1,297	1,650	1,766	13,338	14,087	14,724	84,875	95,377	91,368
N. Dak	69	104	68	187	231	215	1,687	1,640	1,636	10,644	10,705	11,048
Ohio	1,617	2,436	3,300	889	1,016	853	32,223	31,538	30,565	10,210	10,707	10,935
Okla	420	621	563	822	922	1,145	24,387	23,637	24,221	28,023	28,964	30,777
Oreg	131	114	168	84	82	103	3,114	2,929	2,990	1,009	897	823
Pa	2,166	2,374	3,052	1,099	1,221	1,413	49,531	52,174	51,706	7,427	7,783	7,843
R.I	261	235	285	160	193	223	3,948	4,016	3,977	3,544	3,662	3,817
S.C	297	494	379	1,110	1,281	1,424	18,577	18,917	18,839	51,912	45,783	48,023
S. Dak	17	54	51	122	138	125	1,282	1,231	1,231	6,040	6,072	6,160
Tenn	520	502	672	269	313	337	7,572	7,909	7,740	12,036	12,029	11,998
Tex	5,345	7,416	6,747	2,888	3,377	3,403	57,605	59,233	60,509	138,496	142,053	134,707
Utah	251	404	562	495	563	592	21,039	21,574	22,400	5,875	6,013	6,022
Vt	124	167	202	11	13	14	418	485	525	91	81	75
Va	3,344	3,591	4,050	3,967	4,706	5,502	95,912	98,872	100,428	86,432	88,305	90,882
Wash	2,110	2,588	2,817	1,121	1,312	1,468	25,036	26,012	26,601	38,705	39,356	41,336
W. Va	86	89	101	38	41	42	1,605	1,547	1,532	478	461	478
Wis	366	598	863	76	73	79	3,362	2,970	2,919	926	951	921
Wyo	33	64	89	73	85	76	874	869	871	3,711	3,680	3,693
Undist. [2]	10,137	10,773	13,208	-	-	-	-	-	-	22,702	19,425	37,800

- Represents zero. [1] Military awards for supplies, services, and construction. Net value of contracts of over $10,000 for work in each State and D.C. (see also "Undistributed"). Figures reflect impact of prime contracting on State distribution of defense work. Often the State in which a prime contractor is located is not the State in which the subcontracted work is done. See also headnote, table 560. [2] Includes contracts of $10,000 or less; all contracts awarded for work in U.S. possessions, Puerto Rico, Trust Territories of the Pacific, and other areas subject to complete sovereignty of U.S.; contracts in a classified location; and any intragovernmental contracts entered into overseas.

Source: U.S. Dept. of Defense, *Prime Contract Awards by State*, annual, and *Distribution of Personnel by State—by Selected Locations*, annual.

No. 563. Worldwide Military Expenditures: 1971 to 1980

[For military expenditures and Armed Forces by country, see Section 33. GNP=Gross national product]

Country group	Military expenditures (bil. dol.)										Per capita (dol.)		
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1971	1975	1980
In current dollars													
Worldwide, total [1]	273.3	294.9	316.2	361.2	410.4	439.6	474.7	518.5	578.4	656.7	73.9	100.4	146.8
United States	74.9	77.6	78.4	85.9	90.9	91.0	100.9	108.4	122.3	144.0	361.7	425.0	632.3
Percent of total	27.4	26.3	24.8	23.8	22.1	20.7	21.3	20.9	21.1	21.9	(X)	(X)	(X)
Developed countries [2]	224.3	240.4	256.1	287.6	317.8	338.6	368.3	400.4	445.1	509.8	222.9	305.3	472.3
Developing countries [2]	49.0	54.5	60.1	73.6	92.7	101.0	106.5	118.1	133.3	146.9	18.2	30.4	43.3
NATO countries [3]	120.5	127.6	132.3	147.1	159.1	164.5	180.5	195.8	218.5	253.4	224.1	286.6	437.4
Warsaw Pact countries	97.4	105.9	116.4	132.8	150.7	165.3	177.9	193.4	212.6	241.4	279.3	418.5	643.9
Soviet Union	82.4	89.5	98.5	112.7	128.1	141.1	152.2	165.7	183.0	207.4	336.3	504.3	781.2
In constant (1979) dollars													
Worldwide, total [1]	467.4	484.5	491.3	512.8	531.9	542.0	552.0	563.2	578.4	595.4	126	130	133
United States	128.1	127.5	121.8	122.0	117.9	112.2	117.4	117.7	122.3	130.5	618	550	573
Percent of total	27.4	26.3	24.8	23.8	22.2	20.7	21.3	20.9	21.1	21.9	(X)	(X)	(X)
Developed countries [2]	383.6	394.9	398.0	408.3	411.8	417.5	428.2	434.9	445.1	462.2	381	395	428
Developing countries [2]	83.8	89.6	93.3	104.5	120.1	124.5	123.8	128.3	133.3	133.2	31	39	39
NATO countries [3]	206.1	209.6	205.6	208.9	206.1	202.8	209.9	212.7	218.5	229.8	383	371	396
Warsaw Pact countries	166.6	173.9	180.9	188.5	195.3	203.8	206.9	210.1	212.6	218.9	477	542	583
Soviet Union	140.9	147.0	153.1	160.0	166.0	174.0	177.0	180.0	183.0	188.0	575	653	708
As percent of GNP:													
Worldwide, total	5.9	5.8	5.5	5.6	5.7	5.5	5.4	5.4	5.3	5.4	(X)	(X)	(X)
United States	7.0	6.6	6.0	6.1	5.9	5.3	5.3	5.1	5.1	5.5	(X)	(X)	(X)
Developed countries [2]	6.0	5.9	5.6	5.6	5.7	5.4	5.3	5.3	5.3	5.4	(X)	(X)	(X)
Developing countries [2]	5.6	5.6	5.4	5.5	6.0	5.9	5.5	5.5	5.4	5.1	(X)	(X)	(X)
NATO countries [3]	5.1	5.0	4.6	4.7	4.7	4.4	4.3	4.2	4.2	4.4	(X)	(X)	(X)
Warsaw Pact countries [4]	11.8	11.9	11.6	11.6	11.6	11.1	10.8	11.4	11.5	11.8	(X)	(X)	(X)
Soviet Union [4]	14.4	14.7	14.2	14.2	14.4	13.4	13.1	14.2	14.3	14.6	(X)	(X)	(X)

X Not applicable. [1] Includes countries not shown separately. [2] Twenty-eight developed countries: All those in North America, in Oceania, in NATO (except Greece and Turkey), in the Warsaw Pact (except Bulgaria), and also Austria, Finland, Ireland, Japan, South Africa, Sweden, and Switzerland; 114 developing countries: All those in Latin America, in the Near East, in South Asia, in East Asia (except Japan), in Africa (except South Africa), and also Albania, Bulgaria, Greece, Malta, Spain, Turkey, and Yugoslavia. [3] North Atlantic Treaty Organization. [4] The meaning of the ratio of military expenditures to GNP differs somewhat between most Communist countries and non-Communist countries because of different estimating procedures. For details, see source.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

No. 564. Value of Arms Exports and Imports, Supplier and Recipient Countries, in Constant (1979) Dollars: 1971 to 1980

[In millions of constant (1979) dollars]

Country	1971–1976	1977	1978	1979	1980
World, total [1]	102,334	23,035	24,398	25,530	23,703
Suppliers					
Canada	1,293	81	141	150	81
China: Mainland	2,783	127	184	130	199
Czechoslovakia	2,577	755	1,004	950	634
France	6,023	1,395	1,955	1,500	2,629
Germany, Fed. Rep. of	2,638	1,046	1,059	1,200	1,178
Poland	1,772	511	570	430	290
Soviet Union	33,274	7,674	8,038	10,500	7,978
United Kingdom	4,286	1,017	1,412	1,100	1,631
United States	40,025	7,907	6,843	6,200	5,983
Recipient countries					
Developed [1]	27,692	4,929	4,838	4,890	5,225
Australia	741	162	260	180	235
Canada	952	197	260	270	290
Czechoslovakia	2,216	290	119	310	117
German Dem. Rep	3,497	581	315	210	145
Germany, Fed. Rep. of	4,874	476	369	360	435
Hungary	1,238	197	282	220	235
Italy	1,003	162	162	110	108
Japan	787	139	184	230	308
Poland	2,713	430	173	190	154
Romania	1,202	186	271	150	326
Soviet Union	2,379	872	1,194	850	702
United Kingdom	976	162	173	280	326
United States	1,268	139	130	290	281

Country	1971–1976	1977	1978	1979	1980
Recipient countries—Con.					
Developing [1]	74,320	17,916	19,468	20,465	18,508
Algeria	684	558	678	450	426
Brazil	755	116	228	240	117
Cuba	609	116	347	260	235
Egypt	3,784	290	412	625	453
Greece	1,827	500	336	380	226
India	2,142	843	315	525	657
Indonesia	259	69	97	180	362
Iran	7,663	2,907	2,063	1,600	199
Iraq	4,261	1,744	1,738	2,100	1,450
Israel	4,782	1,279	1,004	525	747
Jordan	557	139	184	100	475
Kampuchea	1,303	11	43	20	-
Korea, Dem. Peo. Rep	1,358	139	76	170	72
Korea, Rep. of	1,992	348	570	525	435
Laos	884	46	21	10	72
Libya	3,124	1,395	2,172	2,300	1,903
Nigeria	276	11	54	110	99
Pakistan	971	255	184	190	253
Peru	928	488	336	90	335
Saudi Arabia	1,669	1,017	1,194	925	1,269
Spain	1,073	348	173	200	244
Syria	5,100	755	977	2,000	2,175
Turkey	1,658	162	238	170	226
Vietnam, Socialist Rep	3,285	23	97	1,100	634
Vietnam, South	10,463	(2)	(2)	(2)	(2)

- Represents zero. [1] Includes countries not shown separately. See footnote 2, table 563. [2] Absorbed by Socialist Republic of Vietnam in 1976.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

No. 565. U.S. Military Sales Deliveries and Military Assistance Deliveries to Foreign Governments, by Country: 1960 to 1982

[**In millions of dollars.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Represents Department of Defense military sales deliveries. Includes deliveries made under Military Assistance Program (MAP) and Military Assistance Service Funded Program (MASF); excludes training. For explanation of MAP and MASF programs, see headnote, table 566]

COUNTRY	MILITARY SALES DELIVERIES					MILITARY ASSISTANCE DELIVERIES				
	1950–1978 [1]	1979	1980	1981	1982	1950–1978 [1]	1979	1980	1981	1982
Total	**39,237.7**	**6,873.9**	**5,876.1**	**7,718.5**	**8,948.1**	**36,444.6**	**168.5**	**449.1**	**339.8**	**440.1**
Argentina	155.6	6.9	15.1	6.4	4.5	34.0	–	–	–	–
Australia	1,209.0	133.0	150.3	506.2	127.5	–	–	–	–	–
Austria	93.8	4.3	6.6	51.1	7.7	96.3	–	–	–	–
Belgium	182.8	146.5	289.1	276.6	304.3	1,203.8	–	–	–	–
Bolivia	1.9	(Z)	.2	–	–	29.1	.4	2.4	–	–
Brazil	248.8	7.6	7.8	5.4	4.3	207.2	–	–	–	–
Canada	1,260.0	68.6	68.0	82.1	117.9	–	–	–	–	–
Chile	164.5	7.8	5.5	–	–	80.5	–	–	–	–
China (Taiwan)	816.2	182.1	210.5	374.4	392.5	2,552.7	.5	.5	.8	.1
Colombia	24.3	5.0	3.7	9.1	15.3	83.1	(Z)	–	(Z)	(Z)
Denmark	170.3	16.8	207.4	200.6	201.4	587.3	–	–	–	–
Dominican Rep	2.2	(Z)	.1	–	3.5	21.3	(Z)	.2	(Z)	–
Ecuador	26.8	8.1	10.6	6.4	12.0	32.0	–	–	–	–
Egypt	61.7	192.0	202.9	203.3	1,051.5	–	–	–	–	–
El Salvador	2.5	(Z)	1.2	2.0	16.7	4.5	.1	.2	9.8	35.4
Ethiopia	86.4	–	–	–	–	183.1	–	–	–	–
France	364.0	2.8	10.9	12.1	15.6	4,045.1	–	–	–	–
Germany, Fed. Rep	5,701.5	239.3	395.2	431.9	428.0	884.8	–	–	–	–
Greece	1,066.8	127.3	137.9	132.3	135.2	1,551.2	11.6	33.2	24.2	25.4
Guatemala	24.1	3.4	2.2	.5	.7	16.1	(Z)	.1	(Z)	(Z)
Honduras	8.2	.9	.6	1.7	1.4	5.5	.1	(Z)	–	(Z)
India	66.3	1.3	6.3	.5	.8	90.1	.1	(Z)	(Z)	(Z)
Indonesia	51.9	5.2	88.4	63.4	15.1	149.7	7.0	22.8	6.9	4.4
Iran	8,506.6	2,409.0	–	–	–	766.7	–	–	–	–
Israel	5,299.6	339.2	581.3	1,041.8	971.7	–	–	–	–	–
Italy	686.6	30.1	35.6	26.8	25.1	2,243.7	–	–	–	–
Japan	433.1	29.7	84.9	320.4	327.8	810.3	–	–	–	–
Jordan	479.0	79.8	174.7	113.4	123.5	290.6	42.0	48.9	66.4	20.0
Kampuchea	–	–	–	–	–	1,177.3	–	–	–	–
Korea [2]	841.6	395.0	295.2	295.9	239.6	3,622.9	17.6	160.4	108.0	139.4
Kuwait	370.1	71.2	78.4	65.6	85.7	–	–	–	–	–
Laos [2]	–	–	–	–	–	320.3	–	–	–	–
Lebanon	21.3	7.9	16.0	12.8	37.4	13.6	–	–	–	–
Liberia	3.3	.5	.4	.1	.1	5.3	(Z)	(Z)	.5	(Z)
Libya	29.6	–	–	–	–	12.6	–	–	–	–
Malaysia	57.1	3.3	4.6	29.0	3.6	–	–	–	–	–
Mexico	18.4	.4	2.3	1.3	73.5	7.0	–	–	–	–
Morocco	175.4	133.5	51.3	124.7	59.5	29.6	–	–	–	–
Netherlands	272.8	85.2	350.3	336.9	474.7	1,178.1	–	–	–	–
New Zealand	120.4	5.6	7.4	8.3	9.1	–	–	–	–	–
Nicaragua	5.2	(Z)	(Z)	(Z)	–	7.4	.1	.1	–	–
Nigeria	17.5	5.9	6.2	9.5	7.7	–	–	–	–	–
Norway	313.8	22.7	228.3	208.0	320.4	862.2	–	–	–	–
Pakistan	212.4	58.9	52.6	78.4	146.5	650.3	–	–	–	–
Panama	4.5	.2	.2	.2	.4	4.3	.1	(Z)	(Z)	(Z)
Paraguay	.6	(Z)	(Z)	(Z)	.1	9.0	.1	.2	(Z)	(Z)
Peru	123.5	13.8	14.2	6.6	5.6	75.0	–	–	–	–
Philippines [2]	100.4	25.5	14.6	16.5	22.1	478.8	6.6	33.2	15.6	30.4
Portugal	13.5	.7	1.3	4.4	9.3	334.3	8.7	17.0	16.3	75.7
Saudi Arabia	4,924.4	940.5	1,152.5	1,362.7	1,785.0	23.9	–	–	–	–
Singapore	49.9	81.6	17.9	52.8	23.7	–	–	–	–	–
South Vietnam [2]	1.2	–	–	–	–	1,375.5	–	–	–	–
Spain	584.5	78.3	56.4	131.4	124.6	613.4	2.1	11.7	15.4	21.7
Sweden	63.5	1.5	5.5	6.8	82.3	–	–	–	–	–
Switzerland	244.0	269.8	18.6	104.4	57.7	–	–	–	–	–
Thailand [2]	183.8	85.9	201.5	254.2	156.0	642.2	6.5	32.4	3.3	4.8
Tunisia	8.7	42.0	9.6	24.4	13.9	39.9	.2	.1	(Z)	.1
Turkey	420.9	129.3	136.4	108.1	188.8	3,056.4	16.7	34.6	13.0	11.4
United Kingdom	1,948.0	234.2	275.6	337.1	347.6	1,012.9	–	–	–	–
Uruguay	16.7	.9	.7	.7	.4	40.4	.2	.2	.1	(Z)
Venezuela	223.7	4.8	6.6	13.8	19.6	33.0	–	–	–	–
Yemen	51.4	70.0	72.3	49.4	39.5	–	–	–	–	–
Yugoslavia	13.6	.3	.6	.3	.5	689.6	–	–	–	–
Zaire	41.7	6.8	9.8	7.3	7.2	23.3	–	–	–	–
Other countries	125.7	19.4	38.6	73.6	113.7	817.9	.1	.2	.1	1.4
Int'l organizations	436.1	30.6	53.2	124.9	188.3	1,601.4	–	–	–	–
General and regional costs	–	–	–	–	–	1,718.1	48.0	50.8	59.6	69.9

– Represents zero. Z Less than $50,000. [1] Includes transactions for the transition quarter, July–Sept. 1976.
[2] Includes MAP and MASF programs for military assistance deliveries.

Source: U.S. Defense Security Assistance Agency, *Foreign Military Sales, Foreign Military Construction Sales, and Military Assistance Facts*, September 1982.

No. 566. U.S. Military Sales and Assistance to Foreign Governments: 1950 to 1982

[**In millions of dollars, except as indicated.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Department of Defense (DOD) sales deliveries cover deliveries against DOD sales orders authorized under Arms Export Control Act, as well as earlier and applicable legislation. Military Assistance Program (MAP) authorized by Foreign Assistance Act of 1961, as amended provides defense articles and services to eligible countries on a grant basis. MAP grant aid deliveries represent military equipment and supplies delivered and expenditures for services. Military Assistance Service Funded program (MASF) aid for 1966–1976, was used for providing military equipment and related services and training to countries engaged in hostilities in Southeast Asia. International Military Education and Training (IMET) program data, pursuant to new legislation under Foreign Assistance Act, as amended, show grant aid training of foreign military personnel as an independent program as of fiscal year 1976; training data, formerly provided under MAP, have been removed from MAP and included as an integral part of IMET]

ITEM	1950–1972	1973	1974	1975	1976 [1]	1977	1978	1979	1980	1981	1982
Military sales agreements [2]	16,473	3,824	8,699	11,362	8,912	6,744	8,450	11,216	13,662	7,333	19,587
Weapons and ammunition [2]	7,114	1,564	5,127	5,800	3,437	2,611	3,588	3,021	7,091	2,298	8,127
Combat aircraft	3,075	915	2,258	3,941	1,169	458	1,853	917	1,147	736	5,270
Missiles	1,019	401	423	797	1,007	747	917	893	3,744	926	1,315
Ammunition	1,119	180	533	629	398	465	406	355	416	346	429
Combat vehicles	1,270	32	898	350	436	389	195	735	1,041	165	840
Support equipment [3]	2,824	736	896	958	895	501	676	2,182	1,158	1,112	3,823
Spare parts and modifications	4,147	966	1,583	2,754	1,789	1,327	1,982	2,467	1,681	2,407	3,908
Support services	2,387	558	1,093	1,850	2,791	2,305	2,203	3,546	3,731	1,515	3,730
Military construction sales agreements	606	1,034	563	4,680	5,455	648	668	1,024	1,552	880	1,870
Military sales deliveries [4]	12,025	1,512	3,183	3,505	5,795	7,067	7,655	8,392	7,335	9,289	10,896
Military assistance programs [5]	45,970	4,208	1,527	1,043	259	233	218	229	278	269	391
Military assistance program deliveries [5]	43,789	4,771	1,832	1,808	364	109	220	168	449	340	440
Military sales financing	3,116	531	2,889	849	2,785	1,911	2,101	5,673	1,950	3,046	3,884
IMET program	1,714	47	48	33	26	24	28	27	25	29	46
Students trained (1,000)	418	37	13	9	7	5	4	4	4	5	6

[1] Includes transition quarter, July–Sept. 1976. [2] Includes items not shown separately. [3] Includes aircraft, ships, support vehicles, communications equipment, and other supplies. [4] Includes military construction sales deliveries. [5] Includes military Assistance Service Funded program data.

Source: U.S. Defense Security Assistance Agency, *Foreign Military Sales, Foreign Military Construction Sales, and Military Assistance Facts, September 1982,* and unpublished data.

No. 567. Estimates of Total Dollar Costs of American Wars

[**In millions of dollars, except percent.** Service-connected veterans' benefits estimated at 40 percent of total veterans' benefits except as noted]

WAR	ORIGINAL INCREMENTAL DIRECT COSTS [1]			Service-connected veterans' benefits, total cost to Oct. 1, 1981 [2]	Interest payments on war loans, total cost to 1982 [3]	Estimated current cost to 1982 [4]
	Current dollars	Constant 1967 dollars	Percent one year's GNP			
World War II	360,000	816,300	188	65,231	200,000	625,200
Vietnam conflict	140,600	148,800	14	13,173	[5]	153,800
Korean conflict	50,000	69,300	15	11,391	[5]	61,400
World War I	32,700	100,000	43	13,856	11,000	57,600
Civil War: Union	2,300	8,500	74	3,289	1,200	6,800
Civil War: Confederacy	1,000	3,700	123	–	[5]	[5]
Spanish-American War	270	1,100	2	2,111	60	2,400
American Revolution	100–140	400–680	104	28	20	170
War of 1812	87	170	14	20	14	120
Mexican War	82	300	4	26	10	120

– Represents zero. [1] Figures are rounded and taken from Claudia D. Goldin, *Encyclopedia of American Economic History,* p. 938. [2] For World War I and later wars, benefits are actual service-connected figures from 1981 *Annual Report* of Veterans Administration. For earlier wars, service-connected veterans' benefits are estimated at 40 percent of total, the approximate ratio of service-connected to total benefits since World War I. [3] Interest payments are a very rough approximation based on the percentage of the original costs of each war financed by money creation and debt, the difference between the level of public debt at the beginning of the war and at its end, and the approximate time required to pay off the war debts. [4] Figures are rounded. [5] Unknown.

Source: Originally presented in U.S. Congress, Joint Economic Committee, *The Military Budget and National Economic Priorities,* Part 1, 91st Congress, 1st session (statement of James L. Clayton); subsequently revised and updated by James L. Clayton, University of Utah, Salt Lake City, Utah.

NO. 568. SUMMARY OF MAJOR MILITARY FORCES: 1960 TO 1982

[As of June 30 except, beginning 1978, as of Sept. 30]

DESCRIPTION	1960	1965	1970	1975	1978	1979	1980	1981	1982
Department of the Army:									
Divisions	14	16	16	14	16	16	16	16	16
Maneuver battalions	(NA)	176	191	148	166	167	168	168	169
Air defense battalions/batteries	286	227	195	147	157	161	154	150	133
Special forces groups	-	7	6	3	4	3	3	3	3
Total aircraft	5,564	7,142	12,166	9,517	8,687	8,625	8,731	8,846	8,893
Department of the Navy:									
Ship operating force	900	1,020	847	577	531	532	538	550	569
Active fleet	812	936	769	496	464	468	473	482	503
Auxiliaries and sealift [1]	-	2	5	18	10	10	15	22	22
Naval reserve force	88	82	73	63	57	54	50	45	44
Tactical air squadrons [1]	104	113	88	79	65	61	61	60	60
Antisubmarine air squadrons [2]	29	31	20	18	22	21	22	22	22
Marine divisions	3	3	3	3	3	3	3	3	3
Marine aircraft combat squadrons:									
Fixed-wing squadrons	37	36	32	31	30	30	30	30	30
Rotary-wing squadrons	12	16	21	19	19	20	24	25	26
Total aircraft	11,272	9,725	8,646	7,035	6,359	6,050	6,050	5,983	5,916
Department of the Air Force:									
ICBM launchers	5	854	1,054	1,054	1,054	1,054	1,054	1,053	1,053
Selected aircraft squadrons	280	219	181	126	130	129	125	127	127
Strategic	142	65	33	28	26	26	26	26	26
Air defense	65	39	17	7	6	6	6	5	5
Tactical (excluding air-lift)	73	115	131	91	98	97	93	96	97
Total aircraft	21,283	16,487	14,983	10,736	10,022	10,062	10,116	10,161	10,193
Active	18,351	14,668	13,545	9,336	9,138	8,959	9,068	9,180	9,315

- Represents zero. NA Not available. [1] Includes Special Mission. [2] Does not include patrol squadrons.

Source: U.S. Dept. of Defense, releases and unpublished data.

NO. 569. ESTIMATED U.S. STRATEGIC NUCLEAR FORCES: 1978

[Present force; estimated as of January 1978. U.S. strategic nuclear forces consist of three parts: land-based intercontinental ballistic missiles (ICBM's), long-range bombers, and submarine-launched ballistic missiles (SLBM's). Together these three parts are known as the TRIAD. There is fairly wide agreement among various unclassified estimates of U.S. nuclear forces. For ICBM and SLBM figures, see Thomas J. Downey, "How to Avoid Monad and Disaster," *Foreign Policy*, Fall 1976; Statement of the Honorable Robert L. Leggett, *Vladivostok Accord: Implications to U.S. Security, Arms Control, and World Peace*, Hearings before the Subcommittee on International Security of the House Committee on International Relations, 94:1 (June-July 1975), pp. 8-14; and Kosta Tsipis, "The Accuracy of Strategic Missiles," *Scientific American*, July 1975, p. 190. Minuteman III CEP of 700 ft. (see "U.S. Plans 'Cold-Launch' ICBMs," *Aviation Week and Space Technology*, February 4, 1974, p. 14) assumes the more accurate MK-12A warhead not yet deployed. For bomber estimates, see Archie L. Wood, "Modernizing the Strategic Bomber Force Without Really Trying—A Case Against the B-1," *International Security*, Fall 1976, and Alton H. Quanbeck and Archie L. Wood, *Modernizing the Strategic Bomber Force* (The Brookings Institution, 1976), p. 36]

LAUNCHER	Number	Warheads per launcher	Total warheads	Yield in megatons [1]	Total megatons	Equivalent megatons [2]	Reliability	Circular error probable [3] (feet)
Total	**2,100**	(x)	**9,854**	(x)	**3,179**	**3,780**	(x)	(x)
ICBMs, total	**1,054**	(x)	**2,154**	(x)	**1,217**	**1,194**	(x)	(x)
Minuteman II	450	1	450	1.0	450	450	.80	1,800
Minuteman III	550	3	1,650	.17	281	512	.80	700
Titan II	54	1	54	9.0	486	232	.75	3,000
SLBMs, total	**656**	(x)	**5,120**	(x)	**294**	**758**	(x)	(x)
Polaris	160	1	160	.6	96	163	.80	3,000
Poseidon	496	10	4,960	.04	198	595	.80	1,500
Bombers, total	**390**	(x)	**2,580**	(x)	**1,668**	**1,828**	(x)	(x)
B-52 G/H	255	[4] 4 SRAM	1,020	.2	204	347	(NA)	(NA)
		4 bombs	1,020	1.0	1,020	1,020		
B-52 D	75	4 bombs	300	1.0	300	300	(NA)	(NA)
FB-111 [5]	60	[4] 2 SRAM	120	.2	24	41	(NA)	(NA)
		2 bombs	120	1.0	120	120		

NA Not available. X Not applicable. [1] A megaton is the yield of a nuclear weapon equivalent to 1 million tons of TNT. [2] A commonly used measure of the urban area destructive power of a nuclear weapon that accounts for the fact that area destructive power does not increase proportionately with increases in yield. [3] A measure of the delivery accuracy of a weapon system. It is the radius of a circle around the target at which a missile is aimed within which the warhead has a .5 probability of falling. [4] Short-Range Attack Missile: An air-to-surface missile carried by U.S. FB-111 and B-52 bombers. [5] Medium bombers procured in small numbers in the late 1960s to supplement the B-52 force. Although capable of supersonic low-level flight, the aircraft's small range and payload limits its effectiveness.

Source: The Congress of the United States, Congressional Budget Office, *Counterforce Issues for the U.S. Strategic Nuclear Forces*, January 1978.

No. 570. Department of Defense—Active Duty Military Personnel: 1940 to 1982

[Through 1976, as of June 30; beginning 1977, as of Sept. 30]

YEAR	Total service (1,000)	Rate per 1,000 population [1]	YEAR	Total service (1,000)	Rate per 1,000 population [1]	YEAR	Total service (1,000)	Rate per 1,000 population [1]
1940	458	3.5	1955	2,935	17.7	1970	3,066	14.9
1941	1,801	13.5	1956	2,806	16.6	1971	2,715	13.1
1942	3,859	28.5	1957	2,796	16.3	1972	2,323	11.1
1943	9,045	65.9	1958	2,601	14.9	1973	2,253	10.6
1944	11,452	82.4	1959	2,504	14.1	1974	2,162	10.1
1945	12,123	86.3	1960	2,476	13.7	1975	2,128	9.9
1946	3,030	21.4	1961	2,484	13.5	1976	2,082	9.6
1947	1,583	10.9	1962	2,808	15.0	1977	2,075	9.4
1948	1,446	9.8	1963	2,700	14.3	1978	2,062	9.3
1949	1,615	10.8	1964	2,687	14.0	1979	2,027	9.0
1950	1,460	9.6	1965	2,655	13.7	1980	2,051	9.0
1951	3,249	21.0	1966	3,094	15.7	1981	2,083	9.1
1952	3,636	23.1	1967	3,377	17.0	1982	2,109	9.1
1953	3,555	22.2	1968	3,548	17.7			
1954	3,302	20.3	1969	3,460	17.1			

[1] Based on Bureau of the Census estimated total population (including Armed Forces abroad) as of July 1.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual.

No. 571. Department of Defense Personnel, Payroll, and Military Retirees: 1950 to 1982

[Through 1976, personnel as of June 30 and payroll for years ending June 30; beginning 1977, personnel as of Sept. 30 and payroll for years ending Sept. 30. Excludes "indirect hire" civilians, i.e., foreign nationals under special agreement by Defense Department with foreign country. See *Historical Statistics, Colonial Times to 1970*, series Y 904-916, for similar but not comparable personnel data]

YEAR	PERSONNEL (1,000)				PAYROLL (bil. dol.)				MILITARY RETIREES	
	Total	Active duty, military		Direct hire civilian	Total	Active duty, military [1]		Direct hire civilian [2]	Number (1,000)	Pension payments (bil. dol.)
		Total	Percent			Total	Percent			
1950	2,213	1,460	66.0	753	8.2	5.3	64.6	2.9	132	(NA)
1955	4,122	2,935	71.2	1,187	13.8	9.1	65.9	4.7	180	(NA)
1960	3,524	2,476	70.3	1,047	15.1	9.3	61.6	5.8	256	(NA)
1965	3,689	2,655	72.0	1,034	18.5	11.4	61.6	7.1	481	(NA)
1970	4,260	3,066	72.0	1,194	30.7	19.4	63.2	11.3	773	2.5
1974	3,233	2,162	66.9	1,071	32.7	19.9	60.9	12.8	1,012	4.9
1975	3,170	2,128	67.1	1,042	34.0	20.2	59.4	13.8	1,073	6.1
1976	3,092	2,082	67.3	1,010	35.0	20.4	58.3	14.6	1,132	7.3
1977	3,057	2,075	67.9	982	36.8	21.0	57.1	15.8	1,200	8.2
1978	3,043	2,062	67.8	980	38.6	21.0	54.4	17.6	1,280	9.0
1979	2,998	2,027	67.8	960	40.9	22.7	55.5	18.2	1,286	10.3
1980	3,011	2,051	68.1	960	42.8	24.2	56.5	18.6	1,330	11.9
1981	3,067	2,083	67.9	984	48.1	28.1	58.4	20.0	1,363	13.7
1982	3,099	2,109	68.1	990	54.7	32.9	60.1	21.8	1,391	14.9

NA Not available. [1] Excludes troop subsistence, transportation, movement of personnel, etc. [2] Excludes benefits, etc.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual, and *Military Manpower Statistics*, monthly.

No. 572. Department of Defense Personnel, by Service: 1965 to 1982

[In thousands. As of Dec. 31. See headnote, table 571. See *Historical Statistics, Colonial Times to 1970*, series Y 904-916, for similar but not comparable data]

BRANCH OF SERVICE	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total [1]	**3,915**	**4,026**	**3,428**	**3,228**	**3,183**	**3,112**	**3,067**	**3,044**	**3,019**	**2,987**	**3,024**	**3,067**	**3,098**
Army	1,448	1,664	1,261	1,148	1,145	1,140	1,133	1,122	1,107	1,108	1,120	1,136	1,137
Military	1,075	1,294	862	782	773	767	775	771	757	760	772	781	780
Civilian	373	430	399	366	372	373	358	351	350	348	347	354	357
Air Force	1,134	1,056	981	942	898	860	827	816	807	790	793	805	820
Military	842	759	707	674	625	599	580	572	567	557	560	570	583
Civilian	292	297	274	268	273	261	247	244	240	233	234	235	237
Navy [2]	1,275	1,242	1,117	1,065	1,066	1,040	1,029	1,028	1,028	1,013	1,033	1,046	1,060
Military	940	882	777	746	742	718	717	717	717	704	719	731	746
Civilian	335	360	340	319	324	322	312	311	311	309	315	315	314

[1] Includes personnel assigned to Office of Secretary of Defense, Organization of Joint Chiefs of Staff, Army Corps of Engineers Civil Functions, and other defense activities, not shown separately. [2] Includes Marine Corps.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual, and *Military Manpower Statistics*, monthly.

No. 573. Military Personnel on Active Duty, by Service: 1960 to 1983

[**In thousands.** As of **June 30** except, beginning **1977**, as of **Sept. 30.** Includes National Guard, Reserve, and retired regular personnel on extended or continuous active duty. Excludes Coast Guard. Military cadets, Naval Academy midshipmen, Air Force Academy cadets, and other officer candidates are included under enlisted personnel. See also *Historical Statistics, Colonial Times to 1970*, series Y 904–916]

BRANCH OF SERVICE	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, est.
Total	**2,476**	**2,653**	**3,066**	**2,161**	**2,127**	**2,081**	**2,074**	**2,061**	**2,024**	**2,050**	**2,082**	**2,109**	**2,127**
Percent officers	12.8	12.7	13.1	14.0	13.7	13.5	13.3	13.2	13.5	13.5	13.7	13.8	14.0
Army	873	968	1,322	783	784	779	782	771	758	777	781	780	780
Officers	101	112	166	106	103	98	97	97	97	98	101	103	106
Enlisted	772	857	1,156	677	681	681	685	674	661	679	680	677	674
Navy	618	671	692	546	535	524	530	530	522	527	540	553	560
Officers	70	78	81	67	65	64	63	62	62	63	65	67	68
Enlisted	548	593	612	479	470	461	467	468	460	464	475	486	492
Marine Corps	171	190	260	189	196	192	192	191	185	188	191	193	195
Officers	16	17	25	19	19	19	19	18	18	18	18	19	19
Enlisted	154	173	235	170	177	174	173	173	167	170	172	174	175
Air Force	815	824	791	644	612	585	570	569	559	558	570	583	592
Officers	130	131	130	110	105	100	96	95	96	98	99	102	105
Enlisted	685	692	662	534	507	486	474	474	463	460	471	481	487

Source: 1960, U.S. Dept. of Defense, semiannual reports and unpublished data; beginning 1965, U.S. Office of Management and Budget, *The Budget of the United States Government*, annual; and unpublished data.

No. 574. Active Duty Forces, by Sex, Race, and Hispanic Origin: 1975 to 1982

[**In thousands.** As of **June 30** except, beginning **1980**, as of **Sept. 30.** Officers include warrant officers]

ITEM	1975	1980	1981	1982	ITEM	1975	1980	1981	1982
Total	**2,116.3**	**2,036.7**	**2,068.9**	**2,096.6**	**Females**	**96.8**	**170.2**	**183.6**	**188.5**
Males	**2,019.5**	**1,866.4**	**1,885.3**	**1,908.1**	Officers [1]	13.6	21.4	23.2	25.1
Officers [1]	278.4	256.5	262.1	248.6	White	12.6	18.0	19.4	20.7
White	264.4	234.0	238.5	225.6	Black	.6	2.0	2.4	2.8
Black	8.4	11.8	12.8	12.6	Hispanic origin [2]	.2	.3	.3	.4
Hispanic origin [2]	3.8	2.9	3.2	3.2	Enlisted [1]	83.1	148.8	160.2	163.2
Enlisted [1]	1,741.1	1,609.9	1,623.2	1,641.0	White	64.8	100.6	106.0	106.7
White	1,336.1	1,124.7	1,133.2	1,151.3	Black	14.4	36.8	44.0	45.8
Black	278.9	347.0	350.8	351.7	Hispanic origin [2]	2.9	4.5	5.1	5.2
Hispanic origin [2]	80.5	66.0	67.3	67.7					

[1] Includes other races not shown separately. [2] Persons of Hispanic origin may be of any race.

Source: U.S. Dept. of Defense, Office of the Deputy Assistant Secretary of Defense (Equal Opportunity and Safety Policy), unpublished data.

No. 575. Military Personnel on Active Duty, by Location: 1965 to 1982

[**In thousands.** As of **Dec. 31.** Shore-based includes Navy personnel temporarily on shore]

YEAR	TOTAL		U.S.[2]		FOREIGN COUNTRIES		YEAR	TOTAL		U.S.[2]		FOREIGN COUNTRIES	
	Shore-based	Naval afloat [1]	Shore-based	Naval afloat [1]	Shore-based	Naval afloat [1]		Shore-based	Naval afloat [1]	Shore-based	Naval afloat [1]	Shore-based	Naval afloat [1]
1965	2,517	340	1,789	215	728	125	1976	1,858	214	1,466	157	392	57
1969	3,008	290	2,012	197	996	92	1977	1,842	218	1,435	165	407	53
1970	2,627	247	1,807	180	820	67	1978	1,828	213	1,421	161	407	52
1971	2,290	229	1,677	169	613	60	1979	1,820	200	1,394	148	[3] 426	52
1972	2,109	239	1,618	134	491	105	1980	1,844	207	1,421	155	[3] 423	52
1973	1,982	220	1,544	165	438	55	1981	1,869	214	1,438	143	431	71
1974	1,929	211	1,508	152	421	59	1982	1,880	229	1,432	148	448	80
1975	1,884	200	1,480	150	405	50							

[1] Includes Marine Corps. [2] Includes outlying areas. [3] Includes personnel in the Panama Canal Zone who were previously reported in the United States total.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual, and unpublished data.

No. 576. Coast Guard Personnel on Active Duty: 1960 to 1982

[As of **June 30** except, beginning **1978**, as of **Sept. 30**]

YEAR	Total	Officers	Cadets	Enlisted	YEAR	Total	Officers	Cadets	Enlisted
1960	30,616	4,020	405	26,191	1979	38,559	6,340	806	31,413
1965	31,776	4,476	440	26,860	1980	39,381	6,463	877	32,041
1970	37,689	5,512	653	31,524	1981	39,760	6,519	981	32,260
1975	36,788	5,630	1,177	29,981	1982	38,248	6,431	902	30,915
1978	37,734	6,115	881	30,738					

Source: 1960 and 1965, U.S. Dept. of the Treasury, *Annual Report of the Secretary of the Treasury on the State of the Finances*; thereafter, U.S. Dept. of Transportation, *Annual Report of the Secretary of Transportation*.

No. 577. U.S. Military Personnel Abroad or Afloat, by Country: 1970 to 1982

[In thousands. As of June 30 except, beginning 1979, as of Sept. 30. Data are unclassified approximations]

COUNTRY	1970	1975	1979	1980	1981	1982	COUNTRY	1970	1975	1979	1980	1981	1982
Outside U.S. [1]	**1,071**	**517**	**481**	**502**	**502**	**528**	Asia and Pacific	683	156	122	115	125	139
Europe [2]	304	314	325	332	337	356	Japan [3]	81	48	46	46	46	51
Germany, F.R.	214	220	239	244	248	256	Philippines	24	15	14	13	15	14
Greece	3	4	3	4	3	4	South Korea	54	42	39	39	38	39
Iceland	3	3	3	3	3	3	China (Taiwan)	9	4	(z)	–	–	–
Italy	10	12	12	12	12	13	Thailand	41	20	(z)	(z)	(z)	(z)
Spain	8	9	9	9	9	9	S. Vietnam	415	–	–	–	–	–
Turkey	7	7	5	5	5	5	Afloat	60	28	22	16	25	33
United Kingdom	*21*	*21*	*23*	*24*	*25*	*26*	U.S. outlying areas [4]	*32*	*25*	*22*	*13*	*13*	*13*
Other countries	8	7	6	7	7	7	Troop dependents [5]	347	365	383	369	347	368
Afloat	28	30	25	22	25	33	Europe	206	239	282	273	268	281
							Western Pacific	91	82	67	64	62	69

– Represents zero. Z Fewer than 500. [1] Includes troops in countries not shown. [2] Western Europe and related areas. [3] Includes Okinawa. [4] Primarily Guam, Panama Canal Zone, Puerto Rico, and Midway Islands. [5] Dependent data as of Sept. 30. Includes areas not shown separately.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual, and unpublished data.

No. 578. Vietnam Conflict—U.S. Military Forces in Vietnam, and Casualties: 1961 to 1982

[Military forces as of Dec. 31. All U.S. forces withdrawn by Jan. 27, 1973]

ITEM	Unit	1961–1982, total	1961–1964	1965	1966	1967	1968	1969	1970	1971	1972	1973–1982
Military forces	1,000	(X)	[1] 23.3	184.3	385.3	485.6	536.1	475.2	234.6	156.8	24.2	–
Battle deaths [2]	Number	**47,269**	**268**	**1,420**	**5,028**	**9,447**	**14,615**	**9,409**	**4,217**	**1,372**	**355**	**1,138**
Killed	Number	*38,448*	*186*	*1,118*	*4,125*	*7,512*	*12,617*	*8,105*	*3,476*	*1,079*	*202*	*28*
Died of wounds	Number	5,170	10	105	577	976	1,597	1,163	552	159	25	6
Died while missing [3]	Number	3,651	72	197	326	959	401	141	189	134	128	1,104
Wounded, nonfatal: [2]												
Hospital care	1,000	153.3	.8	3.3	16.5	32.4	46.8	32.9	15.2	4.8	.6	(z)
No hospital care	1,000	150.3	.8	2.8	13.6	29.7	46.0	37.3	15.4	4.2	.6	(z)

– Represents zero. X Not applicable. Z Fewer than 50. [1] For 1964 only. [2] Casualties from enemy action. Deaths exclude 10,449 servicemen who died in accidents or from disease. [3] Includes servicemen who died while captured.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual, and unpublished data; beginning 1981, National Archives and Records Service, "Combat Area Casualty File," (3-330-80-3).

No. 579. Armed Forces Personnel—Summary of Major Conflicts

[For Revolutionary War, number of personnel serving not known, but estimates range from 184,000 to 250,000; for War of 1812, 286,730 served; for Mexican War, 78,718 served. Dates of the major conflicts may differ from those specified in various laws providing benefits for veterans. See table 578 for data on Vietnam conflict. See also *Historical Statistics, Colonial Times to 1970*, series Y 856-903]

ITEM	Unit	Civil War [1]	Spanish-American War	World War I	World War II	Korean conflict	Vietnam conflict
Personnel serving	1,000	2,213	307	4,744	[2] 16,354	[3] 5,764	[4] 8,811
Army	1,000	2,129	[5] 281	4,057	11,260	2,834	4,368
Navy	1,000	} 84	23	599	4,183	1,177	1,842
Marines	1,000		3	79	669	424	794
Air Force [6]	1,000	(X)	(X)	([7])	([7])	1,285	1,740
Coast Guard [8]	1,000	(X)	(X)	9	241	44	67
Average duration of service	Months	20	8	12	33	19	23
Officers	Months	(NA)	8	14	39	24	(NA)
Enlisted	Months	(NA)	8	12	33	18	(NA)
Service abroad: Personnel serving	*Percent*	*(NA)*	[9] *29*	*53*	*73*	[10] *56*	*(NA)*
Average duration [11]	Months	(NA)	1.5	5.5	16.2	13.4	(NA)
Casualties: [12] Battle deaths	1,000	140	(z)	53	292	34	[13] 47
Wounds not mortal	1,000	282	2	204	671	103	[13] 304
Draftees: Classified	1,000	777	(X)	24,234	36,677	9,123	[4] 75,717
Examined	1,000	522	(X)	3,764	17,955	3,685	[4] 8,611
Rejected	1,000	160	(X)	803	6,420	1,189	[4] 3,880
Inducted	1,000	46	(X)	2,820	10,022	1,560	[4] 1,759

NA Not available. X Not applicable. Z Fewer than 500. [1] Union forces only. Estimates of the number serving in Confederate forces range from 600,000 to 1.5 million. [2] Covers Dec. 1, 1941, to Dec. 31, 1946. [3] Covers June 25, 1950, to July 27, 1953. [4] Covers Aug. 4, 1964, to Jan. 27, 1973. [5] Covers Apr. 21 to Aug. 13, 1898. [6] Originally organized in 1907. Established as Air Force under Armed Services Unification Act of 1947. For World War I, known as Aviation Service and included in data for Army; for World War II, known as Army Air Forces and included in data for Army. [7] Included in Army. [8] Established Jan. 28, 1915. [9] Army and Marines only. [10] Excludes Navy. Covers July 1950 through Jan. 1955. Far East area only. [11] During hostilities only. [12] For periods covered, see footnotes 2, 3, 4, and 5. [13] Covers Jan. 1, 1961, to Jan. 27, 1973.

Source: The President's Commission on Veterans' Pensions, *Veterans' Benefits in the United States*, vol. I, 1956; and U.S. Dept. of Defense, unpublished data.

No. 580. Active Duty Military Personnel and Their Dependents: 1960 to 1982

[In thousands except as indicated. As of September 30. Excludes cadets]

BRANCH OF SERVICE	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Military personnel, total	2,479	2,710	2,970	2,092	2,071	2,061	2,049	2,014	2,037	2,069	2,095
Males	2,447	2,679	2,928	1,991	1,959	1,942	1,916	1,864	1,867	1,886	1,907
Dependents, total	3,727	3,814	4,095	2,980	3,009	2,936	2,868	2,879	2,827	2,558	2,691
Spouses	1,276	1,286	1,507	1,132	1,155	1,134	1,115	1,103	1,090	1,007	1,075
Children	2,275	2,375	2,328	1,747	1,761	1,699	1,654	1,646	1,601	1,476	1,547
Parents and all other	176	153	261	101	93	103	99	130	135	75	69
Number per military male	1.50	1.41	1.38	1.50	1.45	1.42	1.40	1.54	1.51	1.35	1.41
Army	1.55	1.18	1.32	1.54	1.55	1.53	1.55	1.85	1.84	1.44	1.55
Navy	1.16	1.15	1.12	1.26	1.21	1.19	1.14	1.16	1.11	1.12	1.16
Marine Corps	.97	.97	.66	.93	.91	.89	.86	.87	.85	.88	.94
Air Force	1.83	2.00	1.95	1.86	1.72	1.68	1.62	1.73	1.69	1.65	1.63
Number per family unit	2.92	2.97	2.72	2.63	2.61	2.59	2.57	2.61	2.59	2.54	2.50
Army	3.15	2.89	2.66	2.75	2.74	2.76	2.75	2.88	2.89	2.87	2.80
Navy	2.75	2.78	2.54	2.54	2.53	2.46	2.43	2.40	2.34	2.34	2.32
Marine Corps	2.63	2.75	2.46	2.40	2.40	2.38	2.39	2.42	2.41	2.40	2.35
Air Force	2.85	3.16	2.93	2.62	2.54	2.51	2.48	2.45	2.41	2.37	2.34

Source: U.S. Department of Defense, *Selected Manpower Statistics*, annual.

No. 581. Military Personnel—Desertion and Absent-Without-Authority Rates: 1965 to 1982

[Rate per 1,000 average end-of-month strength. For years ending June 30 except, beginning 1977, ending Sept. 30]

YEAR	DESERTION RATE [1]					ABSENT-WITHOUT-AUTHORITY RATE [2]				
	Total	Army	Marine Corps	Navy	Air Force	Total	Army	Marine Corps	Navy	Air Force
1965	(NA)	15.7	18.8	6.7	.4	(NA)	60.1	(NA)	26.8	2.9
1969	24.3	42.4	40.2	7.3	.6	64.9	112.3	119.8	13.5	4.4
1970	33.6	52.3	59.6	9.9	.8	86.3	132.5	174.3	17.5	5.9
1971	42.0	73.5	56.2	11.1	1.5	104.3	176.9	166.6	19.0	9.4
1972	35.1	62.0	65.3	8.8	2.8	95.3	166.4	170.0	18.3	17.2
1973	29.8	52.1	63.2	13.6	2.2	93.2	159.2	234.3	21.7	16.1
1974	29.9	41.1	89.2	21.2	2.4	95.0	129.9	287.5	53.8	17.3
1975	26.3	26.0	105.0	22.4	1.9	86.6	95.4	300.9	73.0	13.0
1976	20.1	17.7	69.2	24.8	1.2	68.2	70.3	201.8	77.5	7.8
1977	19.1	16.7	47.0	31.6	.6	48.5	47.0	103.5	76.9	3.8
1978	18.0	15.4	39.9	30.4	.7	46.0	40.4	97.5	78.3	4.6
1979	18.5	18.1	37.9	29.6	1.1	46.2	38.0	86.7	83.4	5.9
1980	17.9	19.6	34.2	27.0	1.2	46.8	41.6	83.6	82.0	6.7
1981	14.7	15.9	28.8	21.8	1.0	42.3	36.0	73.9	77.9	5.2
1982	10.9	11.0	21.1	18.0	.6	34.3	27.3	65.4	63.6	3.7

NA Not available. [1] Absent without authority more than 30 days. [2] For 30 days or less.

No. 582. Discharges of Enlisted Personnel, by Type: 1965 to 1982

[For years ending June 30 except, beginning 1977, ending Sept. 30]

YEAR	Total discharges	Honorable [1 2]	General [1 3]	Other than honorable [1 4]	Bad conduct [5 6]	Dishonorable [5 7]	PERCENT OF TOTAL		
							Honorable	General	Other
1965	718,898	678,100	25,477	13,178	2,088	55	94.3	3.5	2.1
1966	740,044	706,761	20,883	10,544	1,784	72	95.5	2.8	1.7
1967	689,617	657,684	19,562	9,741	2,565	65	95.4	2.8	1.8
1968	869,877	836,990	18,260	11,707	2,886	34	96.2	2.1	1.7
1969	1,016,470	980,376	19,853	12,392	3,662	187	96.4	2.0	1.6
1970	1,136,140	1,081,556	29,334	20,911	3,964	375	95.2	2.6	2.2
1971	1,018,822	944,365	40,256	29,139	4,737	325	92.7	4.0	3.4
1972	890,557	804,470	45,219	36,345	4,167	356	90.3	5.1	4.6
1973	719,789	646,720	40,680	29,049	2,906	434	89.8	5.7	4.5
1974	688,179	609,580	45,960	29,336	2,988	315	88.6	6.7	4.7
1975	682,952	603,058	48,999	27,015	3,587	293	88.3	7.2	4.4
1976	630,194	542,674	53,135	30,721	3,435	229	86.1	8.4	5.5
1977	569,258	509,693	38,922	18,104	2,349	190	89.5	6.8	3.7
1978	493,585	446,870	29,678	15,054	1,823	160	90.5	6.0	3.5
1979	543,222	499,269	26,989	14,759	1,914	291	91.9	5.0	3.1
1980	541,556	499,950	23,541	15,553	2,242	272	92.3	4.4	3.3
1981	530,781	481,747	27,399	17,615	3,633	387	90.8	5.2	4.0
1982, prel	508,734	453,601	32,660	17,735	4,410	328	89.2	6.4	4.4

[1] Administrative discharge. [2] Based on proper military behavior and proficient performance of duty; honest and faithful service. [3] Discharge under honorable conditions; satisfactory service; military record not sufficiently meritorious for honorable discharge. [4] Unsatisfactory service (misconduct, security or resignation/request for discharge). [5] Punitive, resulting from trial by court-martial. [6] Usually punishment for repeated convictions of minor offenses or less serious felony type offense. [7] Awarded after conviction of serious offenses usually recognized by civil law as felonies, or of military offenses requiring severe punishment.

Source of tables 581 and 582: U.S. Dept. of Defense, unpublished data.

No. 583. Enlisted Military Personnel Procurement: 1970 to 1982

[In thousands, except percent. For years ending June 30 except, beginning 1980, ending Sept. 30]

BRANCH OF SERVICE	1970	1975	1980	1982	BRANCH OF SERVICE	1970	1975	1980	1982
Total	**872**	**667**	**582**	**560**	**Navy**	**164**	**166**	**127**	**[2] 114**
Inductions	207	-	-	-	First enlistments	100	90	75	64
First enlistments	423	415	356	298	Reenlistments	41	54	36	50
Percent—					**Marine Corps**	**87**	**71**	**58**	**[2] 59**
Other than White [1]	11.6	18.1	26.3	(NA)	First enlistments	68	56	42	40
High school graduates	71.2	71.7	67.7	(NA)	Reenlistments	8	15	15	19
Reenlistments	213	228	204	238	**Air Force**	**148**	**147**	**132**	**[2] 147**
Reserves to active duty	28	24	22	24	First enlistments	78	78	76	71
Army	**472**	**283**	**265**	**[2] 216**	Reenlistments	70	68	56	76
First enlistments	177	191	163	123					
Reenlistments	93	91	97	93					

- Represents zero. NA Not available. [1] Black only, beginning 1975. [2] Excludes reserves.

No. 584. Reserve Officers Training Corps (ROTC)—Enrollment: 1965 to 1982

[In thousands. For May, or end of school year. Jr. ROTC refers to enrollment in high schools, academies, junior colleges, and National Defense Cadet Corps schools; after 1965, includes Jr. ROTC in all service branches]

ITEM	1965	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Senior ROTC	231	175	123	92	73	60	56	61	66	76	80	84	91	100	103
Junior ROTC	88	122	126	124	121	140	155	164	158	152	156	144	166	158	191

Source of tables 583 and 584: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual, and *Military Manpower Statistics*, monthly.

No. 585. Military Personnel on Active Duty by Grade in Which Serving: 1979 to 1982

[In thousands. As of Sept. 30]

RANK/GRADE	1979	1980	1981	1982	RANK/GRADE	1979	1980	1981	1982
Total [1]	**2,027.5**	**2,050.6**	**2,082.6**	**2,108.6**	Chief Warrant—W-3	4.4	4.6	5.3	5.7
					Chief Warrant—W-4	2.2	2.1	2.1	2.1
Recruit—E-1	176.4	187.0	165.7	140.3	2nd Lt.—O-1	38.2	41.3	39.0	37.3
Private—E-2	151.2	174.1	157.4	145.9	1st Lt.—O-2	36.6	35.8	40.1	44.0
Pvt. 1st class—E-3	340.2	312.4	346.2	381.6	Captain—O-3	85.8	85.8	90.0	92.6
Corporal—E-4	392.2	396.3	408.2	408.6	Major—O-4	48.8	49.2	49.7	50.6
Sergeant—E-5	315.3	322.0	330.1	336.5	Lt. Colonel—O-5	32.8	32.8	32.6	32.3
Staff Sgt.—E-6	201.7	205.4	209.5	218.6	Colonel—O-6	13.8	13.9	14.3	14.2
Sgt. 1st class—E-7	117.5	116.3	119.7	122.0	Brig. General—O-7	.6	.6	.5	.5
Master Sgt.—E-8	32.9	33.4	34.2	36.4	Major General—O-8	.4	.4	.4	.4
Sgt. Major—E-9	12.9	12.8	13.0	13.8	Lt. General—O-9	.1	.1	.1	.1
Warrant Officer—W-1	3.0	3.3	4.1	3.8	General—O-10	(Z)	(Z)	(Z)	(Z)
Chief Warrant—W-2	7.6	7.5	6.8	7.0					

Z Less than 50. [1] Includes cadets and midshipmen.

Source: U.S. Dept. of Defense, Office of the Comptroller, *Selected Manpower Statistics*, annual.

No. 586. Monthly (October) Rates of Military Basic Pay: 1979 to 1982

PAY GRADE AND YEARS OF SERVICE [1]	1979	1980	1981	1982	PAY GRADE AND YEARS OF SERVICE [1]	1979	1980	1981	1982
Recruit [2]—E-1 (0-2)	$449	$501	$551	$574	2d Lt.—O-1 (0-2)	$827	$924	$1,057	$1,099
Private—E-2 (0-2)	500	559	618	643	1st Lt.—O-2 (2-3)	1,041	1,163	1,329	1,382
Pvt. 1st class—E-3 (0-2)	520	580	643	668	Captain—O-3 (6-8)	1,515	1,692	1,934	2,012
Corporal—E-4 (2-3)	571	638	720	749	Major—O-4 (14-16)	1,918	2,142	2,448	2,546
Sergeant—E-5 (4-6)	669	748	871	906	Lt. Colonel—O-5 (20-22)	2,377	2,655	3,034	3,156
Staff Sgt.—E-6 (12-14)	888	992	1,192	1,202	Colonel—O-6 (26-30)	3,015	3,368	3,849	4,003
Sgt. 1st Class—E-7 (18-20)	1,078	1,204	1,408	1,465	Brig. General—O-7 (26-30)	3,431	3,832	[3] 4,176	4,556
Master Sgt.—E-8 (20-22)	1,237	1,382	1,616	1,681	Maj General—O-8 (26-30)	3,946	[3] 4,176	[3] 4,176	[3] 4,791
Sgt. Major—E-9 (22-26)	1,486	1,659	1,941	2,019	Lt. General—O-9 (26-30)	[3] 4,176	[3] 4,176	[3] 4,176	[3] 4,791
Warrant Officer—W-1 (10-12)	1,041	1,163	1,329	1,382	General—O-10 (26-30)	[3] 4,176	[3] 4,176	[3] 4,176	[3] 4,791
Chief Warrant—W-4 (26-30)	1,902	2,125	2,429	2,526					

[1] Longevity pay step of typical military member. [2] Under 4 months of service. [3] Statutory limitation.

Source: U.S. Dept. of Defense, Office of the Comptroller, unpublished data.

No. 587. Average Annual Military Compensation Rates: 1970 to 1983

[**In thousands of dollars.** As of **June 30** except, beginning **1979**, as of **Sept. 30.** Covers all branches of the military service. Based on weighted averages. See also, *Historical Statistics, Colonial Times to 1970*, series D 921-926 and Y 898-903]

ITEM	BASIC PAY							BASIC PAY PLUS ENTITLEMENTS [1]						
	1970	1975	1979	1980	1981	1982	1983, est.	1970	1975	1979	1980	1981	1982	1983, est.
Current dollars:														
All personnel [2]	4.2	7.3	8.9	9.6	10.7	12.3	12.8	5.8	9.5	11.6	13.1	14.3	16.7	17.5
Officers	9.9	14.8	18.4	19.6	21.8	24.9	25.8	13.0	18.8	23.5	25.0	28.5	31.3	32.5
Enlisted	3.4	6.0	7.5	8.0	8.9	10.2	10.7	4.7	8.0	9.7	11.2	12.0	14.3	14.9
Constant (1972) dollars:														
All personnel [2]	5.3	5.7	5.5	5.6	5.3	5.4	5.4	7.1	7.5	7.2	7.6	7.1	7.4	7.4
Officers	12.5	11.6	11.4	11.3	10.9	10.9	10.9	15.9	14.8	14.7	14.6	14.2	13.8	13.8
Enlisted	4.3	4.7	4.7	4.6	4.4	4.5	4.5	5.8	6.3	6.0	6.5	6.0	6.3	6.3

[1] Not strictly comparable, year to year, due to changes in entitlements. [2] Excludes pay of Officer Candidates.

Source: U.S. Office of Management and Budget, unpublished data.

No. 588. Military Reserve Personnel: 1960 to 1982

[**In thousands.** As of **June 30** except, beginning **1977**, as of **Sept. 30.** The ready reserve includes selected reservists who are intended to assist active forces in a war and the individual ready reserve who, in a major war, would be used to fill out active and reserve units and later would be a source of combat replacements; a portion of the ready reserve serves in an active status. The standby reserve cannot be called to active duty unless the Congress gives its explicit approval. The retired reserve represents a low potential for mobilization]

RESERVE STATUS AND BRANCH OF SERVICE	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total reserves	**4,147**	**2,577**	**3,639**	**3,065**	**2,656**	**2,419**	**2,249**	**2,118**	**2,109**	**2,169**	**2,267**	**2,250**
Ready reserve	2,418	1,802	2,574	1,856	1,529	1,308	1,183	1,144	1,203	1,263	1,317	1,359
Standby reserve	1,585	472	492	496	412	340	274	183	103	86	65	52
Retired reserve	144	303	573	713	715	771	792	791	803	821	885	839
Army	2,625	1,515	2,221	1,878	1,631	1,389	1,243	1,178	1,173	1,218	1,337	1,360
Army National Guard	408	386	410	412	403	377	365	350	350	374	400	419
Army Reserve	2,217	1,129	1,811	1,466	1,228	1,012	878	828	823	844	937	941
Navy	930	602	808	640	521	489	476	435	427	438	436	415
Naval Reserve	672	463	574	457	387	373	367	337	327	336	337	321
Marine Corps Reserve	258	134	234	183	134	116	109	98	100	102	99	94
Air Force	592	460	610	547	504	541	530	506	509	514	494	476
Air National Guard	71	76	90	94	96	91	92	92	94	97	98	101
Air Force Reserve	521	384	520	453	408	450	438	414	415	417	396	375

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual, and *Military Manpower Statistics*, monthly.

No. 589. Military Reserve Costs: 1970 to 1982

[**In millions of dollars. 1970 and 1975** as of **June 30**; beginning **1977**, as of **Sept. 30.** Army and Air Force data include National Guard]

TYPE OF COST	1970	1975	1977	1978	1979	1980	1981	1982				
								Total	Army	Air Force	Navy	Marine Corps
Total	**2,547**	**4,789**	**5,890**	**6,881**	**7,049**	**7,877**	**9,870**	**10,370**	**4,857**	**3,620**	**1,588**	**305**
Personnel	1,083	1,679	1,784	1,932	2,031	2,359	3,012	3,776	2,517	771	344	144
Operations and maintenance	994	2,092	2,532	2,718	2,951	3,526	4,164	4,716	1,771	2,344	561	40
Construction	49	176	198	176	172	122	233	314	133	145	36	-
Procurement	187	518	1,041	1,689	1,506	1,463	1,955	1,008	283	328	348	49
Active-duty support	234	324	335	365	389	408	506	556	153	32	299	72

- Represents zero.

Source: U.S. Dept. of Defense, *Five-Year Defense Plan*, internal record.

No. 590. National Guard—Summary: 1965 to 1982

[As of **June 30** except, beginning **1977**, as of **Sept. 30.** Includes Puerto Rico]

ITEM	Unit	1965	1970	1975	1977	1978	1979	1980	1981	1982
Army National Guard: Units	Number	**3,999**	**3,052**	**3,245**	**3,297**	**3,355**	**3,368**	**3,379**	**3,359**	**3,495**
Personnel [1]	1,000	386	410	403	364	347	347	368	391	409
Funds obligated [2]	Mil. dol.	464	752	1,322	1,514	1,596	1,654	1,802	2,189	2,690
Value of equipment	Mil. dol.	1,478	1,600	4,100	4,100	4,723	7,600	7,600	8,100	8,600
Air National Guard: Units	Number	**728**	**958**	**1,105**	**1,020**	**1,020**	**1,020**	**1,054**	**1,054**	**1,054**
Personnel [1]	1,000	76	90	96	91	92	93	97	98	101
Funds obligated [2]	Mil. dol.	321	467	890	1,044	1,104	1,250	1,678	1,957	2,207
Value of equipment (est.)	Mil. dol.	(NA)	(NA)	3,100	3,970	4,087	4,800	5,200	6,000	6,000

NA Not available. [1] Officers and enlisted men. [2] Federal funds; includes personnel, operations, maintenance, and military construction.

Source: National Guard Bureau, *Annual Review of the Chief, National Guard Bureau*, and unpublished data.

NO. 591. LIVING VETERANS—STATES AND OTHER AREAS: 1950 TO 1982

[**Estimates in thousands. 1950–1970,** as of **June 30**; thereafter, as of **Sept. 30.** Estimates for 1982 were developed from *benchmark veteran population statistics* for the States as of **April 1, 1980,** based on 1980 Census of Population data on veteran's place of residence, extended to **Sept. 30, 1982,** on the basis of *1965–1970 veteran interstate migration statistics* from the 1970 census. They are independent of, and not directly comparable with earlier estimates previously published by the VA]

YEAR AND STATE OR OTHER AREA	Total veterans	WAR VETERANS							Service between Korea and Vietnam only [5]	Post-Vietnam era [6]
		Total [1]	World War I	World War II [2]	Korean conflict [3]		Vietnam era [4]			
					Total [2]	No service in World War II	Total	No service in Korean conflict		
1950	19,023	19,023	3,518	15,386	(x)	(x)	(x)	(x)	(x)	(x)
1960	23,811	22,431	2,673	15,202	5,482	4,520	(x)	(x)	1,380	(x)
1970	27,647	24,522	1,536	14,458	5,867	4,605	4,173	3,918	3,125	(x)
1980	30,118	26,065	521	12,422	5,826	4,659	9,015	8,463	3,050	1,003
1981	30,083	25,789	449	12,170	5,781	4,633	9,087	8,537	3,040	1,254
1982, total	**28,522**	**24,262**	**368**	**11,368**	**5,421**	**4,338**	**8,708**	**8,188**	**2,888**	**1,372**
U.S.	**28,393**	**24,152**	**366**	**11,317**	**5,396**	**4,318**	**8,669**	**8,151**	**2,875**	**1,366**
Ala.	431	367	5	161	96	79	130	122	44	20
Alaska	50	41	–	15	9	7	19	19	6	3
Ariz.	399	342	5	157	81	61	125	119	38	19
Ark.	273	238	5	116	48	37	84	80	25	10
Calif.	3,088	2,646	34	1,280	656	472	926	860	293	149
Colo.	407	341	4	143	72	54	146	140	43	23
Conn.	422	361	5	163	93	79	122	114	42	19
Del.	78	60	1	30	11	8	22	21	13	5
D.C.	67	56	1	9	18	14	14	12	8	3
Fla.	1,459	1,278	28	681	296	205	394	364	125	56
Ga.	625	524	6	210	127	102	217	206	68	33
Hawaii	100	80	1	32	21	17	32	30	15	5
Idaho	119	99	2	47	18	14	38	36	14	6
Ill.	1,348	1,144	17	529	268	235	388	363	139	65
Ind.	675	567	8	247	119	102	223	210	70	38
Iowa	356	299	6	137	59	51	111	105	39	18
Kans.	307	263	5	125	53	43	95	90	30	14
Ky.	403	344	6	163	73	57	125	118	42	17
La.	447	381	6	176	89	74	133	125	45	21
Maine	158	134	2	65	25	20	49	47	18	6
Md.	556	471	5	210	117	89	177	167	56	29
Mass.	746	640	10	293	148	124	226	213	71	35
Mich.	1,118	934	13	408	202	177	356	336	121	63
Minn.	530	442	8	190	78	65	187	179	56	32
Miss.	242	209	4	104	43	35	69	66	25	8
Mo.	647	553	10	258	118	98	200	187	64	30
Mont.	105	85	2	43	14	11	30	29	15	5
Nebr.	194	164	3	73	29	25	66	63	21	9
Nev.	130	112	1	53	28	22	38	36	11	7
N.H.	131	106	2	54	19	15	37	35	18	7
N.J.	942	805	11	388	192	160	264	246	96	41
N. Mex.	158	133	2	64	30	22	48	45	18	7
N.Y.	1,980	1,713	27	865	407	355	503	466	183	84
N.C.	658	556	7	239	113	94	229	216	73	29
N. Dak.	68	55	1	30	8	7	18	17	10	3
Ohio	1,372	1,155	17	530	241	207	425	401	143	74
Okla.	401	342	6	159	74	56	127	121	40	19
Oreg.	400	341	6	166	65	48	126	121	38	21
Pa.	1,584	1,353	20	663	291	243	458	427	156	75
R.I.	126	104	1	54	23	17	34	32	16	6
S.C.	354	302	3	121	67	55	128	123	35	17
S. Dak.	78	63	2	35	11	9	18	17	12	3
Tenn.	532	450	7	196	101	87	168	160	56	26
Tex.	1,726	1,468	20	686	318	244	553	518	174	84
Utah	161	134	2	51	24	19	65	62	18	9
Vt.	63	52	1	24	8	7	20	20	7	4
Va.	681	578	7	261	142	99	224	211	72	31
Wash.	621	523	7	243	113	78	206	195	65	33
W. Va.	239	206	4	104	40	34	67	64	23	10
Wis.	576	485	9	219	91	78	191	179	60	31
Wyo.	62	53	1	27	9	7	18	18	5	4
Puerto Rico	129	110	2	51	25	20	39	37	13	6

– Represents zero. X Not applicable. [1] Includes less than 100 living Spanish American War veterans not shown separately. [2] See footnote 1, table 592. [3] June 27, 1950 to Jan. 31, 1955. [4] Aug. 5, 1964, to May 7, 1975. [5] Feb. 1, 1955, to Aug. 4, 1964. [6] Service after May 7, 1975 only.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

NO. 592. LIVING VETERANS, BY AGE AND PERIOD OF SERVICE: 1982

[**In thousands, except as indicated.** As of **Sept. 30.** Estimated. Includes Puerto Rico. See *Historical Statistics, Colonial Times to 1970*, series Y 943-956, for all veterans]

AGE IN 1981	Total veterans	World War I	World War II [1]	KOREA			VIETNAM [2]			Peacetime [3]
				Total	Only in Korea	Also in WW II	Total	Only in Vietnam	Also in Korea	
Total	**28,522**	**368**	**11,368**	**5,421**	**4,338**	**1,083**	**8,708**	**8,188**	**520**	**4,260**
18-24 years	744	-	-	-	-	-	12	12	-	732
25-29 years	1,718	-	-	-	-	-	1,162	1,162	-	556
30-34 years	2,890	-	-	-	-	-	2,818	2,818	-	72
35-39 years	3,364	-	-	-	-	-	3,084	3,084	-	280
40-44 years	2,465	-	-	10	10	-	944	941	3	1,514
45-49 years	2,538	-	-	1,390	1,390	-	260	137	123	1,011
50-59 years	7,459	-	4,438	3,484	2,898	586	330	30	300	93
60 years and over	7,344	368	6,930	537	40	497	98	4	94	2
Median age (yr.)	50.8	87.3	61.6	52.4	51.5	59.2	35.6	35.2	54.5	41.6

- Represents zero. [1] Includes 1,083,000 who served in both WW II and Korean conflict. [2] Aug. 5, 1964, to May 7, 1975. [3] Post-Korean conflict (Feb. 1, 1955, to Aug. 4, 1964, only) and Post-Vietnam era (service after May 7, 1975, only).

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

NO. 593. DISABLED VETERANS RECEIVING COMPENSATION: 1950 TO 1982

[**In thousands except as indicated.** As of **June 30** except, beginning **1977**, as of **Sept. 30.** Represents veterans receiving compensation for service-connected disabilities. Totally disabled refers to veterans who have any disability, mental or physical, deemed to be total and permanent which prevents the individual from maintaining a livelihood and are rated for disability at 100 percent]

MILITARY SERVICE	1950	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Disabled, all wars [1]	**1,990**	**2,027**	**1,993**	**2,092**	**2,220**	**2,247**	**2,259**	**2,266**	**2,274**	**2,279**	**2,275**
Expenditures (mil. dol.)	1,151	1,577	1,705	2,393	3,797	4,702	5,077	5,554	6,104	6,939	7,594
Regular establishment	53	103	161	185	194	207	222	240	262	284	302
World War I	293	173	120	85	55	43	38	34	30	25	22
World War II	1,643	1,544	1,486	1,416	1,309	1,261	1,241	1,218	1,193	1,168	1,141
Korea	(x)	206	225	239	240	239	239	237	236	234	231
Vietnam	(x)	(x)	(x)	167	423	497	519	537	553	568	579
Totally disabled, all wars [1]	**115**	**110**	**110**	**124**	**123**	**123**	**122**	**121**	**121**	**135**	**138**
Regular establishment	9	11	16	16	16	17	18	19	20	23	24
World War I	31	23	16	11	6	5	4	3	3	2	2
World War II	74	61	63	63	58	56	54	53	51	56	57
Korea	(x)	15	15	16	16	16	16	16	16	18	18
Vietnam	(x)	(x)	(x)	18	26	29	30	30	31	36	37

X Not applicable. [1] Includes Spanish-American War and Mexican Border service, not shown separately.

Source of tables 592 and 593: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

NO. 594. VIETNAM-ERA VETERANS—LENGTH OF SERVICE: 1965 TO 1982

[For definition of median, see Guide to Tabular Presentation]

FISCAL YEAR	Servicemen discharged (1,000)	VETERANS (1,000) WITH LENGTH OF SERVICE—				Median months of service	VETERANS WITH SERVICE IN VIETNAM	
		Less than 24 mo.	24-35 months	36-47 months	48 months or more		Number (1,000)	Percent of total
1965-1982, prel	**9,776**	**2,322**	**2,410**	**1,995**	**3,049**	**(NA)**	**3,169**	**32.4**
1965-1966	1,046	181	271	256	338	39.3	56	5.4
1967	576	104	146	129	197	39.5	144	25.0
1968	788	143	324	114	207	33.3	321	40.7
1969	972	240	308	226	198	33.6	485	49.9
1970	1,043	314	270	256	203	33.2	560	53.6
1971	995	340	249	204	202	31.6	504	50.7
1972	870	346	213	131	180	29.0	300	34.5
1973	614	181	121	107	205	36.5	179	29.1
1974	567	154	103	109	201	38.9	135	23.8
1975	543	170	100	99	174	36.2	86	15.8
1976	432	104	103	93	132	36.1	60	13.9
1977 [1]	536	45	147	134	210	42.8	64	11.9
1978	297	-	55	79	163	50.2	78	26.3
1979	206	-	-	58	148	(NA)	68	33.0
1980	129	-	-	-	129	(NA)	55	42.6
1981	93	-	-	-	93	(NA)	39	41.9
1982	69	-	-	-	69	(NA)	35	49.9

- Represents zero. NA Not available. [1] Includes transition quarter, July-Sept. 1976.

Source: U.S. Veterans Administration, *Data on Vietnam Era Veterans*, annual.

No. 595. Veterans Benefits—Expenditures From Appropriated Funds, by War: Total and 1940 to 1982

[*In millions of dollars.* For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Refers to expenditures of VA and predecessor agencies. See also *Historical Statistics, Colonial Times to 1970*, series Y 971-983]

Period or year	Total, all wars	Mexican War and Indian Wars	Civil War	Spanish-American War	World War I	World War II	Korean conflict [1]	Service between Korea and Vietnam only	Vietnam [2]	Peacetime
Total	**[3] 361,896**	**191**	**8,574**	**5,852**	**67,294**	**167,953**	**31,368**	**10,236**	**57,164**	**13,145**
To 1939	[3] 18,914	147	8,356	1,537	8,557	(X)	(X)	(X)	(X)	198
1940-1944	3,016	14	102	663	1,840	281	(X)	(X)	(X)	116
1945-1949	27,139	11	49	798	2,783	23,317	(X)	(X)	(X)	181
1950-1954	25,564	7	28	821	4,638	18,878	823	(X)	(X)	369
1955-1959	24,723	5	15	696	6,835	10,956	5,674	(X)	(X)	542
1960-1964	28,466	2	13	528	9,365	13,421	4,142	(X)	(X)	995
1965-1969	34,673	(Z)	6	334	9,646	16,732	3,656	1,569	1,331	1,399
1970-1974	57,154	3	5	229	9,584	23,474	4,707	3,496	13,676	1,980
1975-1979	98,085	2	(Z)	192	10,256	40,397	8,013	4,029	30,805	4,391
1970	8,905	(Z)	1	54	1,944	3,881	898	481	1,328	318
1971	10,240	(Z)	*1*	*51*	*1,917*	*4,317*	*865*	*648*	*2,083*	*359*
1972	11,314	1	1	45	1,980	4,699	905	728	2,571	384
1973	12,817	1	1	40	1,908	5,138	988	791	3,535	415
1974	13,878	1	1	39	1,835	5,439	1,051	848	4,159	505
1975	16,419	1	(Z)	38	1,897	6,196	1,219	1,089	5,392	587
1976	18,798	1	(Z)	39	1,861	7,024	1,378	1,246	6,509	740
1977 [4]	23,063	(Z)	(Z)	45	2,401	9,616	1,900	617	7,447	1,037
1978	19,529	(Z)	(Z)	35	2,001	8,421	1,686	532	5,902	952
1979	20,276	(Z)	(Z)	35	2,096	9,140	1,830	545	5,555	1,075
1980	21,299	(Z)	(Z)	36	2,063	9,841	2,044	614	5,463	1,238
1981	22,863	(Z)	(Z)	18	1,727	10,656	2,309	528	5,889	1,736
1982	24,356	(Z)	(Z)	18	1,653	11,469	2,596	568	6,085	1,966

X Not applicable. Z Less than $500,000. [1] June 27, 1950 to Jan. 31, 1955. [2] Service from Aug. 5, 1964, to May 7, 1975. [3] Includes $70 million for the Revolutionary War and $49 million for the War of 1812. [4] 15 months ending Sept 30.

Source: U.S. Veterans Administration, unpublished data.

No. 596. Veterans Compensation and Pension Benefits—Number on Rolls and Average Payment, by Period of Service and Status: 1965 to 1982

[As of **June 30** except, beginning **1980**, as of **Sept. 30.** Living refers to veterans receiving compensation for disability incurred or aggravated while on active duty and war veterans receiving pension and benefits for nonservice connected disabilities. Deceased refers to deceased veterans whose dependents were receiving pensions and compensation benefits. See also *Historical Statistics, Colonial Times to 1970*, series Y 998-999]

Period of service and veteran status	Veterans on rolls (1,000)						Average payment (annual basis) [1]				
	1965	1970	1975	1980	1981	1982	1970	1975	1980	1981	1982
Total	**4,511**	**4,722**	**4,855**	**4,646**	**4,535**	**4,407**	**$1,108**	**$1,496**	**$2,370**	**$2,696**	**$2,981**
Living veterans	3,217	3,181	3,227	3,195	3,154	3,099	1,159	1,631	2,600	2,955	3,244
Service connected	1,993	2,092	2,220	2,273	2,279	2,275	1,136	1,699	2,669	3,044	3,339
Nonservice connected	1,224	1,089	1,006	922	875	824	1,204	1,481	2,428	2,721	2,982
Deceased veterans	1,294	1,541	1,628	1,451	1,381	1,308	1,000	1,227	1,863	2,104	2,356
Service connected	365	372	369	358	355	350	1,732	2,375	3,801	4,324	4,859
Nonservice connected	929	1,169	1,259	1,093	1,026	957	768	890	1,228	1,336	1,440
Prior to World War I	78	48	27	14	12	11	1,012	1,139	1,432	1,530	1,624
Living	14	4	1	(Z)	(Z)	(Z)	1,618	1,896	2,634	3,295	3,183
Deceased	64	43	26	14	12	11	950	1,098	1,403	1,495	1,596
World War I	1,673	1,405	1,046	692	630	571	1,030	1,159	1,683	1,841	1,981
Living	1,104	771	430	198	167	139	1,228	1,527	2,669	3,035	3,336
Deceased	568	634	616	494	463	432	789	902	1,288	1,412	1,547
World War II	2,243	2,463	2,612	2,520	2,442	2,353	1,080	1,478	2,307	2,606	2,866
Living	1,698	1,787	1,880	1,849	1,801	1,745	1,100	1,566	2,462	2,792	3,057
Deceased	545	676	732	671	641	608	1,024	1,252	1,880	2,085	2,321
Korean conflict [2]	309	366	428	446	438	428	1,266	1,722	2,691	3,107	3,466
Living	240	265	292	317	317	315	1,284	1,865	2,977	3,407	3,764
Deceased	69	101	136	129	121	113	1,218	1,414	1,990	2,322	2,630
Regular establishment	209	234	242	312	334	353	1,244	2,066	3,080	3,437	3,729
Living	161	185	194	262	284	302	1,022	1,886	2,828	3,141	3,398
Deceased	48	48	48	50	50	51	2,095	2,784	4,399	5,102	5,697
Vietnam era [3]	(X)	207	500	662	679	691	1,556	1,843	2,795	3,200	3,532
Living	(X)	169	430	569	586	598	1,411	1,749	2,709	3,098	3,417
Deceased	(X)	38	70	93	93	93	2,197	2,418	3,324	3,636	4,273

X Not applicable. Z Less than 500. [1] Averages calculated by multiplying average monthly payment by 12. [2] Service during period June 27, 1950, to Jan. 31, 1955. [3] Service from Aug. 5, 1964, to May 7, 1975.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

No. 597. Veterans Benefits—Expenditures, by Program: 1970 to 1982

[In millions of dollars. For years ending June 30 except, beginning 1977, ending Sept. 30. All data are on an accrued expenditure basis]

PROGRAM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total [1]	**10,201**	**15,282**	**18,003**	**20,168**	**20,285**	**20,937**	**22,173**	**23,187**	**25,203**	**26,937**
Compensation and pensions [2]	5,330	6,735	7,551	8,242	9,038	9,630	10,540	11,257	12,492	13,348
Educational assistance and readjustment benefits	1,047	3,269	4,529	5,543	3,891	3,337	2,800	2,383	2,333	2,001
Post-Korean veterans education [3]	939	3,006	4,165	5,029	3,567	3,027	2,450	2,068	1,968	1,474
Dependents' educational assistance	52	116	163	186	202	217	204	194	205	197
Vocational rehabilitation	42	68	73	85	101	100	96	88	114	117
Automobiles, etc., for disabled veterans	6	5	17	19	13	14	12	12	12	12
Housing for paraplegics	8	11	14	14	14	14	23	15	16	17
Changes in receivables	1	63	97	210	−6	−35	15	2	14	180
Medical services and administ. expenses	[4] 2,009	3,290	3,919	3,997	5,073	5,684	6,206	6,647	7,199	8,009
Hospital and domiciliary construction [5]	75	109	136	224	262	288	293	342	456	481
Insurance and indemnities	1,161	1,126	1,345	1,249	1,028	1,009	1,433	1,637	1,693	1,701
Loan guaranty revolving fund	249	449	423	484	521	514	453	445	553	825
Direct loans	180	82	84	89	97	73	57	49	19	10
Miscellaneous expenditures	131	221	17	340	374	402	396	427	459	562

[1] Excludes expenditures from personal funds of patients. Includes expenditures from VA Revolving Supply Fund and insurance trust funds. [2] Includes expenditures for statutory burial awards, special clothing allowance, mortgage life insurance, invalid lifts, headstones and markers, and other expenses. [3] Includes post-Vietnam veterans. [4] Includes National Cancer Institute expenditures (transfer to Veterans Administration). [5] Includes construction grants for State extended care facilities. 1975 and later years include expenditures for health manpower training facilities.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

No. 598. Veterans Benefits—Selected Federal Expenditures, States and Other Areas: 1982

[In millions of dollars. Year ending Sept. 30. State data are estimates. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	Total expenditures [1]	Compensation and pensions [2]	Education and training [3]	Medical services	Insurance and indemnities
Total	**24,796**	**13,135**	**1,671**	**8,005**	**1,372**
U.S	**24,252**	**12,728**	**1,634**	**7,913**	**1,365**
Regions:					
Northeast	4,835	2,640	165	1,613	325
No. Central	5,162	2,587	331	1,845	319
South	9,770	5,284	712	2,915	515
West	4,483	2,218	421	1,467	279
N. Eng.	**1,417**	**805**	**55**	**453**	**83**
Maine	144	88	7	39	7
N.H	105	67	7	24	5
Vt	65	35	1	25	3
Mass	748	427	26	243	40
R.I	119	67	5	38	7
Conn	236	121	9	84	21
Mid. Atl	**3,418**	**1,835**	**110**	**1,160**	**242**
N.Y	1,737	890	48	655	108
N.J	536	317	19	138	55
Pa	1,145	628	43	367	79
E. No. Cent	**3,347**	**1,710**	**210**	**1,158**	**219**
Ohio	939	523	59	287	60
Ind	410	224	34	120	25
Ill	893	357	54	405	64
Mich	676	390	43	189	44
Wis	429	216	20	157	26
W. No. Cent	**1,815**	**877**	**121**	**687**	**100**
Minn	407	201	29	146	26
Iowa	287	143	18	102	16
Mo	544	277	39	195	26
N. Dak	56	27	3	22	3
S. Dak	113	45	5	58	3
Nebr	152	65	9	67	8
Kans	256	119	18	97	18
So. Atl	**5,053**	**2,574**	**364**	**1,665**	**255**
Del	69	28	4	27	3
Md	353	198	22	93	30
So. Atl.—Con.					
D.C	597	45	3	508	4
Va	666	354	54	188	37
W. Va	278	139	9	97	10
N.C	654	390	68	161	29
S.C	323	173	46	84	11
Ga	650	374	58	168	32
Fla	1,469	873	100	339	99
E. So. Cent	**1,809**	**1,012**	**144**	**538**	**74**
Ky	393	239	27	106	16
Tenn	570	299	44	195	23
Ala	500	265	56	141	23
Miss	346	209	17	96	12
W. So. Cent	**2,908**	**1,698**	**204**	**785**	**113**
Ark	446	230	22	122	12
La	422	242	30	124	19
Okla	436	284	27	92	14
Tex	1,604	942	125	447	68
Mt	**1,331**	**685**	**121**	**415**	**70**
Mont	79	45	5	24	4
Idaho	86	48	8	23	1
Wyo	55	21	3	27	3
Colo	319	158	34	98	21
N. Mex	184	108	17	46	8
Ariz	374	203	34	113	21
Utah	140	53	14	55	8
Nev	94	49	6	29	4
Pac	**3,152**	**1,533**	**300**	**1,052**	**209**
Wash	475	249	60	120	26
Oreg	321	155	26	113	14
Calif	2,242	1,079	201	783	156
Alaska	34	11	3	19	1
Hawaii	80	39	10	17	12
P. Rico	336	225	19	89	2
Outlying areas	4	4	1	-	-
Foreign	203	178	17	3	5

- Represents zero. [1] Includes expenditures not shown separately. Excludes $1,754 million, shown in table 597 for expenditures not distributed by States. [2] Excludes statutory burial awards and other expenses which are included in table 597.

[3] Educational assistance for wives and widows, sons and daughters of deceased or totally disabled veterans, and post-Korean conflict veterans. Excludes benefits paid to disabled veterans training under the Vocational Rehabilitation program.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

No. 599. Veterans Administration Health Care Summary: 1975 to 1982

[For years ending **June 30** except, beginning **1980**, ending **Sept. 30**]

ITEM	Unit	1975	1980	1982
Facilities operating:				
Hospitals	Number	171	172	172
Domiciliaries	Number	18	16	16
Outpatient clinics	Number	213	226	226
Nursing home units	Number	85	92	98
Employment [1]	1,000	173	194	195
Operating costs	Mil. dol	3,461	6,158	7,198
Medical care	Mil. dol	3,328	5,972	6,999
Research in health care	Mil. dol	95	138	140
Other	Mil. dol	37	48	59
Prescriptions dispensed	Million	28.0	36.7	40.7
Laboratory procedures	Million	147	215	232
Radiology examinations	Million	5.4	5.7	5.3
Inpatients treated [2]	1,000	1,220	1,359	1,358
VA facilities	1,000	1,143	1,275	1,272
Other facilities	1,000	77	84	86
Average daily inpatients [3]	1,000	114	105	103
VA facilities	1,000	96	84	85
Other facilities	1,000	18	21	18
Outpatient medical visits	Million	14.6	18.0	17.8
VA staff	Million	12.6	15.8	15.9
Fee-basis	Million	2.0	2.2	1.9
Outpatient dental care:				
VA staff-exams	1,000	85.8	157.6	160.0
VA cases completed	1,000	83.7	143.3	166.4
Fee-basis authorized	1,000	130.9	109.8	52.8

[1] Net full-time equivalent. [2] Includes discharges during year and patients remaining.
[3] Patients receiving hospital care and veterans receiving domiciliary care and nursing bed care.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veteran Affairs.*

No. 600. Patients Receiving Health Care Authorized by Veterans Administration, and Operating Expenses of VA Medical Centers: 1965 to 1982

[**In thousands, except as indicated.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** See *Historical Statistics, Colonial Times to 1970*, series Y 1010-1027, for related data]

ITEM	1965	1970	1975	1977	1978	1979	1980	1981	1982
Patients admitted to hospitals [1]	628.0	711.3	1,069.8	1,171.0	1,193.6	1,196.1	1,216.4	1,217.3	1,210.8
VA medical centers [2]	602.1	687.0	1,036.1	1,133.4	1,157.7	1,162.5	1,182.6	1,183.5	1,178.4
Psychiatric beds	57.7	97.3	154.4	159.9	159.1	159.8	160.4	157.9	154.3
Medical and surgical beds [3]	544.4	589.7	881.7	973.5	998.6	1,002.8	1,022.1	1,025.6	1,024.1
Non-VA and State hospitals	25.9	24.3	33.7	37.2	35.9	33.6	33.7	33.8	32.4
Patients receiving hospital care (average daily number) [1]	111.8	87.5	82.3	76.7	74.4	71.0	70.2	68.5	66.6
VA medical centers—hospital care component	109.2	85.5	80.0	75.3	73.0	69.8	68.1	66.4	64.9
Psychiatric beds	55.4	39.5	26.1	23.5	22.8	21.6	21.0	20.5	20.4
Medical and surgical beds [3]	53.7	46.0	53.9	51.8	50.2	48.2	47.0	45.9	44.5
Patients receiving care (average daily number):									
Domiciliary	23.6	18.7	15.0	14.2	14.0	13.7	12.8	12.0	11.6
Veterans Administration	14.4	12.0	9.2	9.0	8.7	8.4	7.9	7.4	7.1
State	9.1	6.7	5.8	5.2	5.2	5.3	4.9	4.6	4.5
Reimbursement by Federal Government per patient treated [4]	$451	$654	$788	$1,226	$1,029	$1,022	$1,098	$1,159	$1,189
Nursing bed care	.3	9.8	17.0	19.3	20.4	21.0	22.0	22.3	24.4
VA medical centers	.2	3.8	6.7	7.2	7.4	7.7	7.9	8.1	8.5
State homes	.2	2.4	4.1	4.6	5.0	5.2	5.6	5.9	6.4
Community nursing homes	(z)	3.6	6.2	7.5	8.0	8.1	8.5	8.3	9.5
Reimbursement by Federal Government per patient treated: [4]									
State [4]	$287	$1,024	$1,151	$2,569	$2,123	$2,073	$2,067	$2,543	$2,572
Community [4]	$258	$1,339	$2,128	$2,796	$3,073	$3,490	$4,043	$4,399	$5,075
Visits by veterans for outpatient medical care	5,987	7,312	14,630	17,045	17,416	17,262	17,971	17,930	17,809
VA medical centers: [2]									
Average operating beds	119	103	95	92	90	88	84	82	80
Psychiatric hospitals	56	42	22	19	18	(NA)	(NA)	(NA)	(NA)
General hospitals	63	61	73	73	73	(NA)	(NA)	(NA)	(NA)
Operating expenses (mil. dol.)	946	1,279	2,212	2,838	3,174	3,410	3,839	4,079	4,381
Per diem cost	$24	$38	$76	$103	$119	$134	$154	$168	$185
Cost per patient treated	(NA)	$1,524	$1,984	$2,346	$2,583	$2,772	$3,077	$3,267	$3,526
Operating beds in VA nursing units and domiciliaries	17	18	17	18	18	18	18	17	17

NA Not available. Z Fewer than 50. [1] Includes VA beneficiaries cared for in Army, Navy, other Federal, and State and civil (contract) hospitals; includes nonveterans. Beginning 1970, includes data for State Home hospitals.
[2] Hospital care component. [3] Includes tuberculosis patients. [4] Excludes costs for VA nursing bed care and VA domiciliary care.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs,* and unpublished data.

No. 601. VA Hospitals—Compensation and Pension Status of Patients Remaining and Patients Discharged: 1982

[In thousands. For year ending Sept. 30]

Patient status	Total	With disability—					Non-veterans
		Service connected	Non-service connected				
			Total	On VA pension rolls	With service connected compensable disability [1]	With no pension or compensation	
Patients remaining in hospital, total	66.8	10.9	55.6	16.0	9.9	29.7	.3
General medical and surgical	39.7	3.8	35.7	10.5	7.3	17.9	.2
Psychoses	17.0	6.2	10.8	3.8	1.2	5.8	(z)
Other psychiatric	10.1	1.0	9.1	1.7	1.4	6.0	(z)
Patients discharged, total [2]	[3] 956.9	102.8	846.3	200.3	184.0	462.0	4.9
General medical and surgical	747.4	61.0	682.2	171.1	158.0	353.0	3.9
Psychoses	79.4	30.2	48.7	11.9	7.1	29.7	.5
Other psychiatric	126.4	11.4	114.5	17.0	18.7	78.7	.5
Unknown	3.7	.1	1.0	.2	.2	.6	(z)

Z Fewer than 50. [1] Compensable disability which did not require medical care. [2] Excludes approximately 230,881 one-day dialysis discharges. [3] Includes 2,878 patients with compensation and pension status unknown.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

No. 602. Veterans Assistance to Persons in Education and Training Programs: 1970 to 1982

[In thousands. For years ending June 30, except, beginning 1977, as of Sept. 30. Represents persons in training during year]

Program	1970	1975	1976	1977	1978	1979	1980	1981	1982
Post-Korea Education Assistance [1]	1,211	2,692	2,822	1,938	1,522	1,279	1,107	949	778
Institutions of higher education	677	1,693	1,924	1,380	1,144	968	842	736	620
Resident schools other than college	417	420	450	314	211	175	149	122	98
Correspondence schools	117	387	302	132	73	51	42	35	21
On-the-job training		192	146	112	94	84	74	55	38
Children's Educational Assistance	45.4	71.4	80.7	88.2	88.3	85.7	82.6	82.6	80.3
Institutions of higher education	40.7	64.7	73.0	80.3	80.4	77.9	75.5	74.6	72.1
Schools other than college	4.6	6.3	7.2	7.4	7.3	7.2	6.5	7.5	7.8
Special restorative training	.1	.1	.1	.1	.1	.1	.1	.1	(z)
On-the-job training	-	.4	.4	.5	.5	.5	.5	.4	.3
Spouses, Widows/Widowers Educational Assistance Program	7.1	16.5	19.1	19.5	19.4	17.3	13.0	11.9	10.6
Institutions of higher education	3.9	12.2	14.5	15.5	15.6	14.0	10.8	10.1	9.0
Schools other than college	3.2	4.3	4.5	4.0	3.8	3.2	2.2	1.8	1.6
On-the-job training [2]	(z)	.1	.1	(z)	(z)	(z)	(z)	(z)	(z)
Vocational Rehabilitation Program for Disabled Veterans	24.5	[3] 24.8	[4] 29.4	33.2	31.0	29.5	25.5	29.8	[5] 30.9
Institutions of higher education	14.9	18.5	21.0	25.0	23.2	21.7	18.9	21.7	22.1
Schools other than college	7.9	4.9	6.0	7.0	6.5	6.5	5.6	7.0	7.4
On-the-job training	1.4	1.3	1.0	1.0	1.2	1.1	1.0	1.0	1.0
Institutional on-farm	.2	.2	.2	.2	.2	.1	.1	.1	.1

- Represents zero. Z Fewer than 50. [1] Includes some Post-Vietnam veterans. [2] Includes special restorative training. [3] Estimated. [4] Total includes 1,200 with type of training unknown. [5] Includes 300 with type of training unknown.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

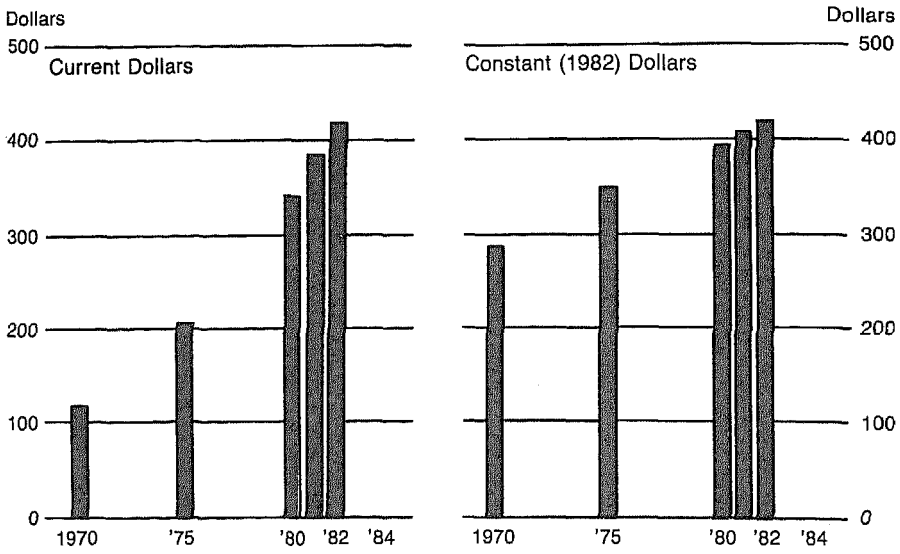
No. 603. Veterans Guaranteed and Insured Loans: 1960 to 1982

[For years ending June 30 except, beginning 1977, ending Sept. 30. Includes mobile home loans. See section 28 for VA loan characteristics]

Item	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Number of loans	1,000	178.8	176.3	186.2	290.2	326.7	382.6	380.9	364.6	297.4	187.6	103.4
Home	1,000	177.2	176.0	186.2	288.2	325.0	379.8	376.6	357.8	289.2	178.2	92.9
Amount of loans	Mil. dol	2,376	2,765	3,683	8,091	9,951	13,136	14,608	16,043	14,815	10,008	5,542
Home	Mil. dol	2,369	2,763	3,682	8,072	9,930	13,099	14,548	16,926	14,653	9,822	5,332
Guaranty and insurance	Mil. dol	1,216	1,247	1,971	3,702	4,878	5,951	6,116	7,342	6,370	4,248	2,292
Home	Mil. dol	1,215	1,246	1,971	3,096	4,872	5,933	6,086	7,284	6,289	4,155	2,187

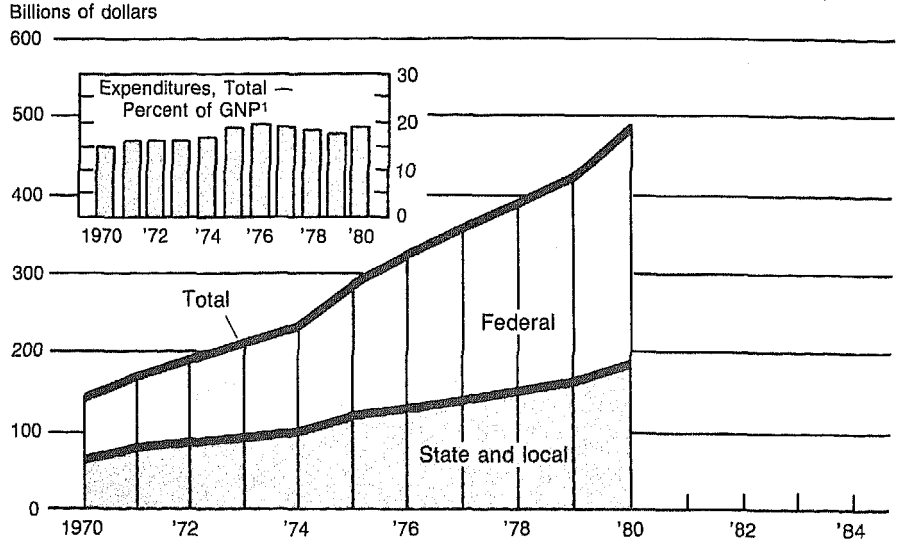
Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

Figure 13.1
Social Security — Average Monthly Benefit Payments to Retired Workers: 1970 to 1982



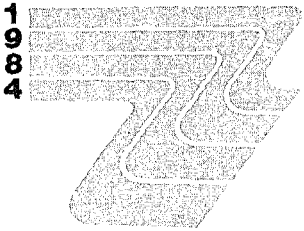
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 622.

Figure 13.2
Social Welfare Expenditures Under Public Programs: 1970 to 1980



1 Gross national product

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 606.



Section 13

Social Insurance and Human Services

This section presents data related to governmental expenditures on social welfare; governmental programs for old-age, survivors, disability, and health insurance (OASDHI); governmental and railroad employee retirement; private pension and employee benefit plans; government unemployment and temporary disability insurance; Federal supplemental security income payments and aid to the needy; and child and other welfare services. Also included here are selected data on workers' compensation, including black lung benefits; vocational rehabilitation; the American Red Cross; United Way campaign; and philanthropic trusts and foundations.

The principal source for these data is the Department of Health and Human Services' (HHS) monthly *Social Security Bulletin* which presents current data on many of the programs and summary data in annual statistical supplements. Current data on employment security are published monthly in the Department of Labor's *Unemployment Insurance Statistics.* Data on the Medicare and Medicaid programs appear periodically in the Health Care Financing Administration's *Health Care Financing Review* (quarterly), *Health Care Financing Notes,* and *Health Care Financing Program Statistics.* Statistics on aid to families with dependent children (AFDC) are presented in the U.S. Social Security Administration's monthly publication, *Public Assistance Statistics.*

Social insurance under the Social Security Act.—Programs established by the Social Security Act provide protection against wage loss resulting from retirement, prolonged disability, death, or unemployment, and protection against the cost of medical care during old age and disability. The Federal OASDHI program provides monthly cash benefits to retired or disabled insured workers and their dependents and to survivors of insured workers. To be eligible, a worker must have had a specified period of employment in which OASDHI taxes were paid. A worker becomes eligible for full benefits at age 65, although reduced benefits may be obtained up to 3 years earlier; the worker's spouse is under the same limitations. Survivor benefits are payable to dependents of deceased insured workers. Disability benefits are payable to an insured worker under age 65 with a prolonged disability and to the disabled worker's dependents on the same basis as dependents of retired workers. Also, disability benefits are provided at age 50 to the disabled widow or widower of a deceased worker who was fully insured at the time of death. A lump sum benefit is also payable on the death of an insured worker.

Since July 1966, the Federal "Medicare" program has provided two coordinated plans for nearly all people age 65 and over: (1) A hospital insurance plan which covers hospital and related services and (2) a voluntary supplementary medical insurance plan, financed partially by monthly premiums paid by participants, which partly covers physicians' and related medical services. Since July 1973, such insurance also applies to disabled beneficiaries of any age under certain circumstances and to persons with chronic kidney disease.

Retirement, survivors, disability, and hospital insurance benefits are funded by a payroll tax on annual earnings (up to a maximum of earnings set by law) of workers, employers, and the self-employed. The maximum taxable earnings are adjusted periodically through Federal legislation to reflect increasing income levels (see table 620). Tax receipts and benefit payments are administered by Federal trust funds. Special benefits for uninsured persons; hospital benefits for persons 65 and over with specified amounts of Social Security coverage less than that required for cash benefit eligibility; and that part of the cost of supplementary medical insurance not financed by contributions from participants are financed from Federal general revenues.

Unemployment insurance is presently administered by the U.S. Employment and Training Administration and each State's employment security agency. By agreement with the U.S. Secretary of Labor, State agencies also administer unemployment compensation for eligible ex-servicemen and Federal employees, unemployment assistance under the Disaster Relief Act of 1970, workers assistance and relocation allowances under the Trade Expansion Act, and direct aid (training and related cash allowances) under Federal manpower and adjustment acts.

State unemployment insurance laws pay benefits, related to the individual's past earnings, to unemployed eligible workers. State laws vary concerning the length of time benefits are paid and their amount. In most States, benefits are payable for 26 weeks and, during periods of high unemployment, extended benefits are payable with congressional approval, under a Federal-State program to

those who have exhausted their regular State benefits. The basic benefit can vary among States by over 100 percent. Some States also supplement the basic benefit with allowances for dependents.

Unemployment insurance is funded by a Federal unemployment tax levied on the taxable payrolls of most employers. Taxable payroll under the Federal Act and most State laws is the first $6,000 in wages paid each worker during a year. Employers are allowed a percentage credit of taxable payroll for contributions paid to States under State unemployment insurance laws. The remaining percent of the Federal tax finances administrative costs, the Federal share of extended benefits, and advances to States.

Some agricultural and domestic service workers, and nonprofit organizations, although they may be covered by State law, are exempt from benefits and taxes. Through legislation effective from 1974 to 1977, workers lacking sufficient covered employment to qualify for regular benefits were eligible for special unemployment assistance if they had worked in a high unemployment area. Beginning in 1978, most government employees were covered.

Social insurance for Government employees.—The civil service retirement program is the major system providing age and service, disability, and survivor annuities for Federal civilian employees. The employee contribution rate is 7 percent of total base pay; the Federal Government contributes the remainder of the cost. In addition, there are separate retirement systems for the uniformed services (supplementing OASDHI) and for a few special groups of Federal civilian employees. All Federal employees hired after January 1, 1984 will be covered under the OASDHI program.

State and local government employees are covered for the most part by State and local retirement systems similar to the Federal civil service retirement system. In many jurisdictions these benefits supplement OASDHI coverage.

Workers' compensation.—All States provide protection against work-connected injuries and deaths, although some States exclude certain workers (e.g., domestic help). Federal laws cover Federal employees, private employees in the District of Columbia, and longshoremen and harbor workers. In addition, the Social Security Administration and the Department of Labor administer a "black lung" benefits program for coal miners disabled by pneumoconiosis and for specified dependents and survivors. Specified occupational diseases are compensable to some extent. In most States, benefits are related to the worker's salary. The benefits may or may not be augmented by dependents' allowances or automatically adjusted to prevailing wage levels.

Public aid.—State-administered public assistance programs (Aid to Families with Dependent Children (AFDC), emergency assistance and general assistance) and the Federal Supplemental Security Income (SSI) program administered by the Social Security Administration provide benefits to persons who qualify. AFDC and emergency assistance are in part federally funded while the costs of general assistance are met entirely with State and local funds.

The SSI program replaced Federal grants for aid to the aged, blind and disabled in the 50 States and the District of Columbia in 1974. Residents of the Northern Mariana Islands became eligible in 1978. Federal grants continue for aid to the aged, blind and disabled in Guam, Puerto Rico and the Virgin Islands. The SSI program provides a minimum income for the aged, blind and disabled and establishes uniform national basic eligibility requirements and payment standards. Most States supplement the basic SSI payment.

Health and welfare services.—Programs providing health and welfare services are aided through Federal grants to States for child welfare services, vocational rehabilitation, activities for the aged, maternal and child health services, maternity and infant care projects, comprehensive health services, and a variety of public health activities.

Under Medicaid, all States (except Arizona) offer basic health services to eligible low-income persons. The cost of providing these services is shared by the Federal Government, but each State determines its own eligibility criteria and may set benefits above the minimum established by Federal law. Almost all recipients of cash welfare programs are automatically eligible. In addition, 29 States extend Medicaid to families that satisfy all but the income requirements for welfare and that either have incomes which meet State definitions of "medically needy" or incur medical expenses which lower their incomes to medically needy levels.

Noncash benefits.—The Bureau of the Census annually collects data on the characteristics of recipients of noncash (in-kind) benefits to supplement the collection of annual money income data in the Current Population Survey (see text, p. 2 and Section 15). As for money income, the data for noncash benefits are for the calendar year prior to the date of the interview and are reported in the Current Population Reports, series P-60. The two major categories of noncash benefits covered were public transfers and employer or union-provided benefits to employees.

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to HHS and Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 604. Social Welfare Expenditures Under Public Programs: 1950 to 1980

[**In millions of dollars, except percent.** For fiscal years ending in year shown. Fiscal years for Federal Government (through 1976), most States, and some localities, ended **June 30.** Beginning 1977, Federal Government fiscal year ended **Sept 30.** Represents outlays from trust funds (mostly social insurance funds built up by earmarked contributions from insured persons, their employers, or both) and budgetary outlays from general revenues. Includes administrative expenditures, capital outlay, and some expenditures and payments outside U.S. See table 605 for program detail. For explanation of average annual percent change, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series H 1-47, for related but not comparable data]

YEAR	SOCIAL WELFARE OUTLAYS			Social insurance	Public aid	Health and medical programs [1]	Veterans programs	Education	Housing	Other social welfare	All health and medical care [2]
	Total	Average annual percent change	Percent from non-trust funds								
	TOTAL										
1950	23,508	[3] 20.6	34.8	4,947	2,496	2,064	6,866	6,674	15	448	3,065
1960	52,293	8.3	29.9	19,307	4,101	4,464	5,479	17,626	177	1,139	6,395
1965	77,175	8.1	33.4	28,123	6,283	6,246	6,031	26,108	318	2,066	9,535
1970	145,856	13.6	38.3	54,691	16,488	9,907	9,078	50,845	701	4,145	25,391
1971	171,908	17.9	41.5	66,369	21,262	11,087	10,456	56,705	1,047	4,983	28,775
1972	191,357	11.3	43.1	74,809	26,078	12,866	11,522	59,385	1,332	5,364	33,473
1973	213,942	11.8	45.7	86,166	28,691	13,447	13,026	64,734	2,180	5,698	36,668
1974	239,397	11.9	45.9	99,002	31,520	14,953	14,112	70,534	2,554	6,722	41,512
1975	290,047	21.2	46.2	123,013	41,326	17,708	17,019	80,863	3,172	6,947	51,673
1976	332,060	14.5	49.3	145,703	48,693	19,134	18,958	87,730	3,371	8,472	59,979
1977	360,601	8.6	47.5	160,883	53,266	20,129	19,015	93,878	4,358	9,071	67,704
1978	394,632	9.4	46.4	174,951	59,394	23,237	19,744	101,518	5,225	10,563	77,235
1979	430,685	9.1	45.3	194,176	63,955	25,388	20,602	109,262	6,226	11,076	87,212
1980, prel	493,355	14.6	44.7	229,552	72,385	28,119	21,466	120,588	7,209	14,036	100,698
	FEDERAL										
1950	10,541	[3] 19.4	24.7	2,103	1,103	604	6,386	157	15	174	1,362
1960	24,957	9.0	15.9	14,307	2,117	1,737	5,367	868	144	417	2,918
1965	37,712	8.6	18.9	21,807	3,594	2,781	6,011	2,470	238	812	4,625
1970	77,337	15.4	23.9	45,246	9,649	4,775	8,952	5,876	582	2,259	16,600
1971	92,587	19.7	28.3	53,903	12,990	5,148	10,331	6,597	872	2,746	18,766
1972	106,327	14.8	31.2	61,248	16,291	6,322	11,405	6,721	1,183	3,155	22,082
1973	122,566	15.3	34.1	72,249	18,061	6,698	12,903	7,360	1,750	3,546	24,280
1974	137,191	11.9	34.6	82,632	20,388	7,145	13,874	7,042	2,009	3,902	27,499
1975	167,436	22.0	36.4	99,715	27,205	8,513	16,570	8,629	2,541	4,264	34,125
1976	197,108	17.7	40.2	119,600	32,527	9,657	18,796	9,023	2,906	4,598	41,010
1977	210,372	10.8	37.8	134,745	35,399	10,150	18,861	9,741	4,006	5,470	46,476
1978	240,034	9.9	36.6	147,252	40,013	11,461	19,570	10,901	4,887	5,949	52,782
1979	263,790	9.9	35.6	163,872	43,015	12,132	20,412	12,108	5,802	6,449	59,433
1980, prel	303,345	15.0	35.2	191,107	49,252	13,348	21,254	12,990	6,608	8,786	69,450
	STATE AND LOCAL										
1950	12,967	[3] 21.7	54.1	2,844	1,393	1,460	480	6,517	-	274	1,704
1960	27,337	7.7	56.2	4,999	1,984	2,727	112	16,758	33	723	3,478
1965	39,464	7.6	57.1	6,316	2,690	3,466	20	25,638	80	1,254	4,911
1970	68,519	11.7	61.2	9,446	6,839	5,132	126	44,970	120	1,886	8,791
1971	79,320	15.8	60.6	12,466	8,272	5,939	125	50,107	175	2,237	10,008
1972	85,031	7.2	60.4	13,561	9,787	6,544	117	52,664	149	2,209	11,391
1973	91,376	7.5	61.8	13,917	10,630	6,749	123	57,374	430	2,152	12,388
1974	102,206	11.9	60.8	16,169	11,133	7,809	239	63,492	545	2,819	14,013
1975	122,612	20.0	59.3	23,298	14,122	9,195	449	72,234	631	2,683	17,581
1976	134,953	10.1	61.9	26,103	16,165	9,477	162	78,706	465	3,874	19,047
1977	142,232	5.4	61.6	26,139	17,867	9,979	155	84,137	353	3,602	21,303
1978	154,598	8.7	60.9	27,690	19,381	11,776	174	90,617	337	4,614	24,454
1979	166,895	8.0	59.9	30,304	20,940	13,256	190	97,154	424	4,628	27,779
1980, prel	190,010	13.8	59.5	38,445	23,133	14,771	212	107,597	601	5,250	31,249
	PERCENT OF TOTAL EXPENDITURES, BY TYPE										
1950	100.0	(x)	(x)	21.0	10.6	8.8	29.2	28.4	.1	1.9	13.0
1960	100.0	(x)	(x)	36.9	7.8	8.5	10.5	33.7	.3	2.2	12.2
1965	100.0	(x)	(x)	36.4	8.1	8.1	7.8	36.4	.4	2.7	12.4
1970	100.0	(x)	(x)	37.5	11.3	6.8	6.2	34.9	.5	2.8	17.4
1975	100.0	(x)	(x)	42.4	14.2	6.1	5.9	27.9	1.1	2.4	17.8
1980, prel	100.0	(x)	(x)	46.5	14.7	5.7	4.4	24.4	1.5	2.8	20.4
	PERCENT FEDERAL OF TOTAL										
1950	44.8	(x)	(x)	42.5	44.2	29.2	93.0	2.3	100.0	38.9	44.4
1960	47.7	(x)	(x)	74.1	51.6	38.9	98.0	4.9	81.2	36.6	45.6
1965	48.9	(x)	(x)	77.5	57.2	44.5	99.7	8.8	74.9	39.3	48.5
1970	53.0	(x)	(x)	82.7	58.5	48.2	98.6	11.6	82.9	54.5	65.4
1975	57.7	(x)	(x)	81.1	65.8	48.1	97.4	10.7	80.1	61.4	66.0
1980, prel	61.5	(x)	(x)	83.2	68.0	47.5	99.0	10.8	91.7	62.6	69.0

- Represents zero. X Not applicable. [1] Excludes program parts of social insurance, public aid, veterans, and other social welfare. [2] Combines "Health and medical programs" with medical services included in social insurance, public aid, veterans, vocational rehabilitation, and antipoverty programs. [3] Change from 1945.

Source: U.S. Social Security Administration, *Social Security Bulletin*, August 1983 and earlier issues.

NO. 605. SOCIAL WELFARE EXPENDITURES, BY SOURCE

[In millions of dollars. See headnote, table 604, and *Historical Statistics*,

PROGRAM	1970		1974		1975		1976	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
Total	**77,337**	**68,519**	**137,191**	**102,206**	**167,436**	**122,612**	**197,108**	**134,953**
Social Insurance	**45,246**	**9,446**	**82,832**	**16,169**	**99,715**	**23,298**	**119,600**	**26,103**
Old-age, survivors, disability, health	36,835	(x)	66,287	(x)	78,430	(x)	90,441	(x)
Health insurance (Medicare)	7,149	(x)	11,348	(x)	14,781	(x)	17,777	(x)
Public employee retirement [1]	5,517	3,142	10,785	5,893	13,339	6,780	15,664	7,777
Railroad employee retirement	1,610	(x)	2,693	(x)	3,085	(x)	3,500	(x)
Unemployment insurance and employment services [2]	1,036	2,783	1,722	4,940	3,429	10,407	8,251	11,334
Other railroad employee insurance [3]	100	(x)	57	(x)	74	(x)	227	(x)
State temporary disability insurance [4]	(x)	718	(x)	915	(x)	990	(x)	1,022
Workers' compensation [5]	148	2,803	1,287	4,422	1,357	5,122	1,518	5,969
Hospital and medical benefits	21	964	36	1,574	50	1,825	68	2,137
Public aid	**9,649**	**6,839**	**20,388**	**11,133**	**27,205**	**14,122**	**32,527**	**16,165**
Public assistance [6]	7,594	6,839	13,307	10,520	14,547	12,832	16,529	14,668
Medical vendor payments (Medicaid) [7]	2,607	2,606	5,833	4,539	7,056	6,445	8,896	7,308
Social services	522	191	1,563	592	1,963	660	2,111	688
Supplemental security income	(x)	(x)	2,219	613	4,802	1,290	5,042	1,497
Food stamps	577	(x)	2,839	(x)	4,694	(x)	5,700	(x)
Other [8]	1,477	(x)	2,023	(x)	3,162	(x)	5,256	(x)
Health and medical programs	**4,775**	**5,132**	**7,145**	**7,809**	**8,513**	**9,195**	**9,657**	**9,477**
Hospital and medical care	2,045	3,268	3,577	4,457	4,239	5,168	[9] 4,454	4,858
Civilian programs	286	3,268	836	4,457	1,195	5,168	1,556	4,858
Defense Department [10]	1,760	(x)	2,741	(x)	3,044	(x)	3,106	(x)
Maternal and child health programs	196	235	235	259	276	269	301	313
Medical research	1,485	150	2,000	222	2,360	286	3,089	312
Medical facilities construction	458	474	374	973	487	1,382	536	1,473
Defense Department	53	(x)	86	(x)	94	(x)	230	(x)
Other	590	1,004	959	1,898	1,151	2,090	3,323	2,521
Veterans programs	**8,952**	**126**	**13,874**	**239**	**16,570**	**449**	**18,796**	**162**
Pensions and compensation	5,394	(x)	6,777	(x)	7,578	(x)	8,280	(x)
Health and medical programs	1,784	(x)	2,984	(x)	3,517	(x)	4,061	(x)
Hospital and medical care	1,651	(x)	2,787	(x)	3,287	(x)	3,755	(x)
Hospital construction	71	(x)	119	(x)	137	(x)	212	(x)
Medical and prosthetic research	62	(x)	78	(x)	93	(x)	94	(x)
Education	1,018	(x)	3,207	(x)	4,434	(x)	5,351	(x)
Life insurance [11]	502	(x)	539	(x)	556	(x)	564	(x)
Welfare and other	253	126	368	239	485	449	541	162
Education [12]	**5,876**	**44,970**	**7,042**	**63,492**	**8,629**	**72,234**	**9,023**	**78,706**
Elementary and secondary	2,957	35,676	3,710	48,749	4,562	55,212	4,305	59,930
Construction [13]	36	4,623	22	4,957	21	5,725	23	5,897
Higher	2,155	7,752	2,178	11,778	2,864	13,521	3,572	15,170
Construction	466	1,101	214	1,173	274	1,239	266	1,292
Vocational and adult [13]	603	1,542	915	2,966	940	3,501	898	4,607
Housing	**582**	**120**	**2,009**	**545**	**2,541**	**631**	**2,906**	**465**
Other social welfare	**2,259**	**1,886**	**3,902**	**2,819**	**4,264**	**2,683**	**4,596**	**3,874**
Vocational rehabilitation	567	136	793	175	814	222	937	253
Medical services and research	137	27	154	31	174	44	173	43
Institutional care [14]	22	179	25	260	20	276	17	305
Child nutrition	711	185	1,614	412	2,064	454	2,316	490
Child welfare [15]	45	541	47	463	50	547	52	700
Special OEO and ACTION programs [16]	753	(x)	767	(x)	638	(x)	572	(x)
Welfare, not elsewhere classified [17]	161	845	657	1,510	677	1,184	704	2,126

X Not applicable. [1] Excludes refunds to those leaving service. Federal data include military retirement. [2] Includes compensation for Federal employees and ex-servicemen, trade adjustment and cash training allowance, and payments under extended, emergency, disaster, and special unemployment insurance programs. [3] Unemployment and temporary disability insurance. [4] Cash and medical benefits in 5 areas. [5] Benefits paid by private insurance carriers, State funds, and self-insurers. Federal includes black lung benefit programs. [6] Includes payments under State general assistance programs and work incentive activities, not shown separately. [7] Medical vendor payments are those made directly to suppliers of medical care. [8] Refugee assistance, surplus food for the needy, and work-experience training programs under the Economic Opportunity Act and the Comprehensive Employment and Training Act. [9] Revised total; detail has not been revised. [10] Includes medical care for military dependent families. [11] Excludes servicemen's group life insurance. [12] Federal expenditures for administrative costs (Department of Education) and research not shown separately, but included in total.

OF FUNDS AND PUBLIC PROGRAM: 1970 TO 1980

Colonial Times to 1970, series H 1-47, for related but not comparable data]

1977		1978		1979		1980, prel.		PROGRAM
Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local	
218,372	**142,232**	**240,034**	**154,598**	**263,790**	**166,895**	**303,345**	**190,010**	**Total.**
134,745	**26,139**	**147,252**	**27,699**	**163,872**	**30,304**	**191,107**	**38,445**	**Social Insurance.**
105,410	(x)	117,432	(x)	131,719	(x)	152,110	(x)	Old-age, survivors, disability, health.
21,549	(x)	25,189	(x)	29,124	(x)	34,992	(x)	Health insurance (Medicare).
17,833	8,663	20,145	9,791	22,893	11,037	26,983	12,507	Public employee retirement.[1]
3,819	(x)	4,020	(x)	4,311	(x)	4,769	(x)	Railroad employee retirement.
5,939	9,510	3,768	8,831	2,460	8,853	4,408	13,919	Unemployment insurance and employment services.[2]
189	(x)	207	(x)	152	(x)	224	(x)	Other railroad employee insurance.[3]
(x)	1,042	(x)	1,125	(x)	1,232	(x)	1,379	State temporary disability insurance.[4]
1,554	6,924	1,681	7,952	2,337	9,182	2,613	10,640	Workers' compensation.[5]
72	2,458	88	2,732	104	3,111	130	3,536	Hospital and medical benefits.
35,399	**17,867**	**40,013**	**19,381**	**43,015**	**20,940**	**49,252**	**23,133**	**Public aid.**
18,765	16,321	19,447	17,761	20,711	19,298	24,128	21,346	Public assistance.[6]
9,713	8,493	10,579	9,817	12,148	11,283	14,550	12,844	Medical vendor payments (Medicaid).[7]
2,461	756	2,130	710	2,044	682	1,757	586	Social services.
5,273	1,546	5,573	1,620	5,890	1,642	6,440	1,787	Supplemental Security Income.
5,472	(x)	5,140	(x)	6,478	(x)	9,083	(x)	Food stamps.
5,890	(x)	9,853	(x)	9,936	(x)	9,601	(x)	Other.[8]
10,150	**9,979**	**11,461**	**11,776**	**12,132**	**13,256**	**13,348**	**14,771**	**Health and medical programs.**
4,637	4,412	5,292	5,250	5,760	5,555	6,451	5,752	Hospital and medical care.
1,610	4,412	1,959	5,250	2,068	5,555	2,391	5,752	Civilian programs.
3,029	(x)	3,333	(x)	3,692	(x)	4,060	(x)	Defense Department.[10]
317	357	338	375	351	409	351	447	Maternal and child health programs.
3,378	350	3,975	393	4,220	425	4,756	462	Medical research.
562	1,537	645	1,417	560	1,561	540	1,943	Medical facilities construction.
301	(x)	227	(x)	215	(x)	31	(x)	Defense Department.
1,256	3,323	1,211	4,341	1,239	5,306	1,250	6,167	Other.
18,861	**155**	**19,570**	**174**	**20,412**	**190**	**21,254**	**212**	**Veterans programs.**
9,082	(x)	9,676	(x)	10,578	(x)	11,306	(x)	Pensions and compensation.
4,671	(x)	5,238	(x)	5,701	(x)	6,204	(x)	Health and medical programs.
4,321	(x)	4,856	(x)	5,308	(x)	5,750	(x)	Hospital and medical care.
245	(x)	270	(x)	276	(x)	323	(x)	Hospital construction.
104	(x)	112	(x)	117	(x)	131	(x)	Medical and prosthetic research.
3,926	(x)	3,406	(x)	2,794	(x)	2,401	(x)	Education.
607	(x)	614	(x)	638	(x)	664	(x)	Life insurance.[11]
575	155	636	174	701	190	678	212	Welfare and other.
9,741	**84,137**	**10,901**	**90,617**	**12,108**	**97,154**	**12,990**	**107,597**	**Education.[12]**
4,677	63,542	5,507	67,626	6,165	71,550	7,053	79,720	Elementary and secondary.
15	6,221	19	5,226	24	5,425	41	6,483	Construction.[13]
3,868	16,167	4,077	17,816	4,525	19,605	4,382	21,708	Higher.
252	1,254	133	1,326	75	1,343	42	1,486	Construction.
883	4,429	958	5,175	1,030	5,999	1,206	6,169	Vocational and adult.[13]
4,006	**353**	**4,887**	**337**	**5,802**	**424**	**6,608**	**601**	**Housing.**
5,470	**3,602**	**5,949**	**4,614**	**6,449**	**4,628**	**8,786**	**5,250**	**Other social welfare.**
973	279	1,007	291	1,040	270	1,006	245	Vocational rehabilitation.
208	48	227	51	225	53	226	49	Medical services and research.
18	342	20	390	56	388	74	408	Institutional care.[14]
2,758	510	3,040	545	3,375	1,000	4,209	1,080	Child nutrition.
56	754	57	744	57	744	57	743	Child welfare.[15]
749	(x)	881	(x)	897	(x)	2,303	(x)	Special OEO and ACTION programs.[16]
915	1,718	945	2,644	1,026	2,226	1,137	2,774	Welfare, not elsewhere classified.[17]

[13] Construction costs of vocational and adult education programs included under elementary-secondary expenditures. [14] Federal expenditures represent primarily surplus foods for nonprofit institutions. [15] Represents primarily child welfare services under title V of the Social Security Act. [16] Includes domestic programs consolidated in 1972 under ACTION (former VISTA, Foster Grandparents, and other domestic volunteer programs) and OEO programs such as community action and migrant workers consolidated in 1974 under Community Services Administration. [17] Federal expenditures include administrative expenses of the Secretary of Health and Human Services and of the Social and Rehabilitation Service; Indian welfare; and aging and juvenile delinquency activities. State and local include antipoverty and manpower programs, child care and adoption services, legal assistance, and other unspecified welfare services.

Source: U.S. Social Security Administration, *Social Security Bulletin*, August 1983 and earlier issues.

No. 606. Social Welfare Expenditures Under Public Programs As Percent of GNP and Total Government Outlays: 1950 to 1980

[See headnote, table 604. For explanation of average annual percent change, see Guide to Tabular Presentation]

YEAR	TOTAL EXPENDITURES				FEDERAL				STATE AND LOCAL GOVERNMENT			
			Percent of—				Percent of—				Percent of—	
	Total (bil. dol.)	Average annual percent change [1]	Total GNP [2]	Total govt. outlays	Total (bil. dol.)	Average annual percent change [1]	Total GNP [2]	Total Federal outlays	Total (bil. dol.)	Average annual percent change [1]	Total GNP [2]	Total State and local govt. outlays
1950	23.5	20.6	8.2	37.4	10.5	19.4	3.7	26.2	13.0	21.7	4.5	59.2
1955	32.6	6.8	8.2	32.7	14.6	6.8	3.6	22.3	18.0	6.8	4.5	55.3
1960	52.3	9.9	10.3	38.4	25.0	11.3	4.9	28.1	27.3	8.7	5.4	60.1
1965	77.2	8.1	11.2	42.2	37.7	8.6	5.5	32.6	39.5	7.6	5.7	60.4
1970	145.9	13.6	14.7	48.2	77.3	15.4	7.8	40.1	68.5	11.7	6.9	64.0
1971	171.9	17.9	16.0	51.7	92.6	19.7	8.6	44.9	79.3	15.8	7.4	64.0
1972	191.4	11.3	16.1	53.2	106.3	14.8	9.0	47.4	85.0	7.2	7.2	63.8
1973	213.9	11.8	16.1	55.5	122.6	15.3	9.2	50.5	91.4	7.5	6.9	64.9
1974	239.4	11.9	16.7	56.5	137.2	11.9	9.6	52.3	102.2	11.9	7.1	64.1
1975	290.1	21.2	18.7	57.4	167.4	22.0	10.8	53.8	122.6	20.0	7.9	63.5
1976	332.1	14.5	19.3	60.3	197.1	17.7	11.5	57.0	135.0	10.1	7.9	65.1
1977	360.6	8.6	18.8	59.4	218.4	10.8	11.4	56.3	142.2	5.4	7.4	64.5
1978	394.6	9.4	18.2	57.8	240.0	9.9	11.1	55.3	154.6	8.7	7.1	64.7
1979	430.7	9.1	17.8	57.4	263.8	9.9	10.9	54.9	166.9	8.0	6.9	63.8
1980, prel	493.4	14.6	18.7	56.8	303.3	15.0	11.5	54.4	190.0	13.8	7.2	64.1

[1] Change from prior year shown; for 1950, change from 1945. [2] Gross national product.

Source: U.S. Social Security Administration, *Social Security Bulletin*, August 1983 and earlier issues.

No. 607. Social Welfare Expenditures Under Public Programs, Total and Per Capita, in Actual and 1980 Dollars: 1950 to 1980

[See headnote, table 604. Per capita figures based on U.S. Bureau of the Census estimates of total U.S. population as of Jan. 1, including outlying areas, and Armed Forces and Federal civilian employees and dependents abroad]

YEAR	IN ACTUAL DOLLARS								IN 1980 DOLLARS				
		Per capita								Per capita			
	Total [1] (billions)	Total [1 2]	Social insurance	Education	Public aid	Health and medical	Veterans	All health and medical care	Total [1] (billions)	Total [1 2]	Social insurance	Education	Public aid
1950	23.4	153	32	43	16	13	44	20	73.6	480	101	137	51
1955	32.5	195	59	67	18	19	28	26	90.6	542	164	186	50
1960	52.1	285	105	96	22	24	30	35	129.9	712	263	240	56
1965	76.9	391	142	143	32	32	30	48	178.5	908	330	331	74
1970	145.5	701	262	245	79	48	43	122	281.9	1,354	507	474	154
1975	289.4	1,326	561	370	189	82	77	240	414.0	1,897	803	530	271
1976	331.3	1,503	661	398	221	87	86	265	450.7	2,045	899	541	301
1977	359.8	1,616	720	422	239	90	85	303	463.0	2,081	926	543	308
1978	393.7	1,750	775	451	264	103	87	343	473.2	2,104	931	542	317
1979	429.7	1,890	850	480	281	112	90	384	473.7	2,083	938	530	310
1980, prel	492.2	2,140	994	524	315	122	92	438	492.2	2,140	994	524	315

[1] Excludes payments within foreign countries for education, veterans, OASDHI, and civil service retirement. [2] Includes data for programs not shown separately.

Source: U.S. Social Security Administration, *Social Security Bulletin*, August 1983 and earlier issues.

NO. 608. CASH AND NON-CASH BENEFITS FOR PERSONS WITH LIMITED INCOME: 1979 TO 1981

[For years ending *September 30*. Programs covered in this table provide cash, goods, or services to persons who make no payment and render no service in return. In case of job and training programs and some educational benefits, recipients must work or study for wages, training allowances, stipends, grants, or loans. Most of the programs base eligibility on individual, household, or family income, but some use group or area income tests; *and a few offer help* on the basis of presumed need]

PROGRAM	AVERAGE MONTHLY RECIPIENTS (1,000)			EXPENDITURES (mil. dol.)					
				Total [1]			*Federal*		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
Total	(X)	(X)	(X)	**89,951**	**103,895**	**116,659**	***69,245***	***79,545***	***87,316***
Medical care [2]	(X)	(X)	(X)	26,878	32,231	36,743	16,276	19,237	22,070
Medicaid [3]	[4] 8,753	[4] 9,241	(NA)	21,756	25,781	30,376	12,267	14,550	17,074
Veterans [5]	63	63	64	2,889	3,349	3,539	2,889	3,349	3,539
General assistance	(NA)	(NA)	(NA)	[6] 950	[6] 1,600	[6] 3,200	-	-	-
Indian Health Services	[7] 734	[7] 829	[7] 946	*465*	549	590	465	549	590
Community health centers	[7] 3,751	[7] 5,000	[7] 5,800	259	325	327	259	325	327
Maternal and child health services	(NA)	(NA)	(NA)	326	326	339	214	214	221
Cash aid [2]	(X)	(X)	(X)	25,745	29,362	32,551	*17,171*	*19,616*	21,700
A.F.D.C. [3 8]	*10,316*	10,499	11,158	11,739	13,019	14,553	6,304	6,964	7,793
Supplemental Security Income [3]	4,210	4,160	4,111	7,519	8,435	9,259	[9] 5,611	[9] 6,365	[9] 7,154
Pensions for needy veterans [10]	[11] 3,380	[11] 3,076	[11] 2,802	3,522	3,585	3,755	3,522	3,585	3,755
Earned Income Tax Credit	[6] 15,600	[6] 21,200	[6] 20,100	1,040	2,033	2,008	1,040	2,033	2,008
General assistance	771	910	(NA)	[12] 1,203	[12] *1,386*	[6] *1,655*	-	-	-
Food benefits [2]	(X)	(X)	(X)	10,772	13,548	16,275	10,377	13,091	15,690
Food stamps [3]	17,700	21,100	22,400	7,283	9,576	11,828	6,945	9,195	11,319
School lunch program [13]	[14] 11,900	[14] 12,200	[14] 12,500	[15] 1,969	[15] 2,110	[15] 2,284	[16] 1,969	[16] 2,110	[16] *2,284*
Women, infants and children [17]	1,480	1,980	2,120	*566*	772	943	566	772	943
Nutrition *program for elderly* [18]	[7] 2,949	[7] 3,083	[7] *3,401*	391	461	499	334	385	423
Jobs and training [2]	(X)	(X)	(X)	9,343	8,706	7,600	9,266	8,625	7,516
Public service employment [19]	[20] 523	[20] 357	[20] 194	5,041	3,696	2,387	5,041	3,696	*2,387*
Employment and training services [19]	[20] 366	[20] 361	[20] 366	1,802	*2,144*	2,231	1,802	2,144	2,231
Youth employment demonstration *program* [19]	[20] 178	[20] 214	[20] 169	735	905	886	735	905	886
Summer youth employment program [19]	[20] 151	[20] 139	[20] 138	660	721	769	660	*721*	*769*
Job Corps [19]	[20] 28	[20] 36	[20] *41*	380	*470*	540	380	470	540
Work incentive program	[21] 921	[21] 1,037	[21] 1,156	428	406	408	385	365	365
Housing benefits [2]	(X)	(X)	(X)	8,036	9,213	10,208	8,036	9,213	10,208
Rural housing loans	[22] 94	[22] 82	[22] 87	[23] 2,886	[23] 2,887	[23] 2,584	[23] 2,886	[23] *2,887*	[23] 2,584
Lower-income housing asst. (Sec. 8)	[24] 755	[24] *1,153*	[24] *1,319*	*1,371*	2,104	3,115	1,371	2,104	3,115
Low-rent public housing	[24] 1,178	[24] 1,192	[24] 1,204	1,817	2,185	2,401	1,817	2,185	2,401
Rural rental housing loans	[22] 39	[22] 33	[22] 30	[23] 870	[23] 881	[23] 865	[23] 870	[23] 881	[23] 865
Interest reduction payments	[22] 542	[22] 538	[22] 537	600	656	665	600	656	665
Education aid [2]	(X)	(X)	(X)	4,934	5,073	4,988	4,747	4,864	4,764
Pell grants	[25] 2,538	[25] 2,800	[25] 2,700	[26] 2,505	[26] 2,482	[26] 2,346	[26] 2,505	[26] 2,482	[26] 2,346
Headstart	388	376	379	851	920	1,018	681	736	814
College Work-Study Program	[25] 923	[25] 766	[25] 737	[26] 459	[26] 495	[26] 550	[26] 459	[26] 495	[26] 550
Supplemental Educational Opportunity Grants	[25] *595*	[25] 650	[25] *652*	[26] 333	[26] 355	[26] 361	[26] 333	[26] 355	[26] 361
Services	(X)	(X)	(X)	3,980	4,041	4,335	3,110	3,178	3,409
Social services	[27] 7,212	[27] 7,000	(NA)	3,679	3,648	3,922	2,809	2,785	2,998
Energy assistance	(X)	(X)	(X)	263	1,721	1,959	263	1,721	1,959
Low-income *energy assistance*	(NA)	[28] 9,700	[29] 7,500	[29] 218	[31] 1,539	[31] 1,691	[29] 218	[31] 1,539	[31] 1,691

- Represents zero. NA Not available. X Not applicable. [1] Includes State and local government expenditures not shown separately. [2] Includes other programs not shown separately. [3] Expenditure data include *administrative expenses*. [4] As of March. [5] Medical care for veterans *with a non-service-connected disability*. [6] Estimated. [7] Annual numbers. [8] Aid to Families with Dependent *Children program*. Excludes data for Foster Care program. [9] Excludes Federal sums spent for SSI (State supplements) to Indochinese refugees. [10] Includes dependents and survivors. [11] Estimate. As of June. [12] Data for Alaska and Vt. were not reported. [13] Free and reduced-price segments. [14] Estimated daily average. [15] Excludes State-local government contributions. [16] Includes estimate of commodity *assistance*. [17] *Special supplemental* food program for women, infants, and *children*. [18] *No income test required* but preference given to those with greatest need. [19] Programs represent *specific titles under* Comprehensive Employment and Training Act. [20] Average number of job and training slots. [21] New registrants only. [22] Represents total families or dwelling units during year. [23] Amount of loans obligated. [24] Units eligible for payment at end of year. [25] Total numbers for an award year beginning July 1 of year shown. [26] Appropriation available for school year beginning in the fiscal year *named*. [27] *Estimate of annual number of primary* recipients. [28] *Number of households aided during year*. [29] Amount provided by Community Services Administration for crisis intervention programs to help low-income households with emergencies related to energy costs.

Source: Library of Congress, Congressional Research Service, "Cash and Non-Cash Benefits for Persons With Limited Income: Eligibility Rules, Recipient and Expenditure Data, FY 1979-81," Report No. 83-110 EPW, June 6, 1983.

No. 609. Public Income-Maintenance Programs—Cash Benefit Payments: 1960 to 1982

[Includes payments outside the United States and benefits to dependents, where applicable]

PROGRAM	PAYMENTS (bil. dol.)											PERCENT	
	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1970	1980
Total [1]	**25.6**	**36.3**	**60.5**	**136.6**	**151.5**	**162.3**	**172.8**	**192.7**	**227.8**	(NA)	(NA)	**100.0**	**100.0**
Percent of personal income [2]	6.4	6.7	7.5	11.0	10.9	10.5	10.0	9.9	10.5	(NA)	(NA)	(X)	(X)
OASDHI [3]	11.1	18.1	31.6	66.6	75.3	84.3	92.5	104.0	120.3	128.7	155.7	52.2	52.8
Public employee retirement [4]	2.6	4.6	9.2	21.3	24.2	27.1	30.5	35.0	40.6	(NA)	(NA)	15.2	17.8
Railroad retirement	.9	1.1	1.8	3.3	3.6	3.8	4.0	4.4	4.9	5.4	5.8	2.9	2.1
Veterans' pensions, compensation	3.4	4.2	5.5	7.7	8.4	9.1	9.6	10.6	11.4	12.5	13.3	9.1	5.0
Unemployment benefits	3.0	2.3	4.2	18.3	16.7	13.4	10.0	10.3	18.9	13.8	(NA)	7.0	8.3
Temporary disability benefits	.4	.5	.7	.9	1.0	1.0	1.1	1.2	1.5	1.6	1.7	1.2	.6
Workers' compensation [5]	.9	1.2	2.0	4.6	5.2	5.9	6.8	8.4	9.5	10.1	(NA)	3.3	4.2
Public assistance [6]	3.0	3.8	4.9	9.3	10.2	10.7	10.7	10.7	12.1	13.2	13.0	8.0	5.3
Supplemental Security Income [6]	(x)	(x)	(x)	5.9	6.1	6.3	6.6	7.2	7.9	8.5	9.0	(x)	3.4

NA Not available. X Not applicable. [1] Includes lump sum death benefits, not shown separately. [2] For base data, see table 749. [3] *Old-age, survivors, disability, and health insurance* under Federal Social Security Act; see text, p. 365. [4] Excludes refunds of contributions to employees who leave service. [5] Includes black lung benefits. [6] Beginning 1974, *Federal grants to States for aid to aged, blind, and disabled* replaced by *Supplemental Security Income programs*; see text, p. 366.

Source: U.S. Social Security Administration, *Social Security Bulletin*, monthly and unpublished data.

No. 610. Households Receiving Means-Tested Noncash Benefits, 1979 to 1981, and by Poverty Status, 1981

[Households as of **March** of following year. Covers civilian *noninstitutional* population, including persons in the Armed Forces living *off post or with* their families on post. Based on Current Population Survey; see text, p. 2 and Appendix III. Population controls are based on the 1980 Census of Population; see text, p. 2. Noncash benefits are those benefits received in a form other than money which serve to enhance or improve the economic well-being of the recipient. A means-tested benefit program *requires* that the household's income and/or assets *fall* below specified guidelines in order to qualify for benefits. The means-tested noncash benefits covered are food stamps, free or reduced-price school lunches, public or subsidized housing and Medicaid. There are general trends toward *under*-estimation of noncash beneficiaries. Households are classified according to poverty status of family or nonfamily householder. For explanation of poverty level, see text, p. 447]

TYPE OF BENEFIT RECEIVED	1979, total (1,000)	1980, total (1,000)	1981			
			Total (1,000)	Below poverty level		Above poverty level (1,000)
				Number (1,000)	Percent distribution	
Total households	**80,776**	**82,368**	**83,527**	**11,676**	**100.0**	**71,850**
Not receiving noncash benefits	67,171	68,102	68,976	4,841	41.5	64,135
Not receiving cash public assistance	66,821	67,743	68,726	4,765	40.8	63,961
Receiving cash public assistance [1]	351	359	250	77	.7	174
Receiving at least one noncash benefit	13,605	14,266	14,551	6,835	58.5	7,715
Not receiving cash public assistance	7,531	7,860	8,082	2,831	24.2	5,250
Receiving cash public assistance [1]	6,074	6,407	6,469	4,004	34.3	2,465
Receiving one noncash benefit only	8,053	8,092	8,262	2,504	21.4	5,757
Medicaid only	3,549	3,235	3,306	922	7.9	2,384
School lunch only	2,159	2,332	2,128	462	4.0	1,666
Food stamps only	1,271	1,432	1,654	823	7.0	831
Public housing only	1,074	1,093	1,174	297	2.5	877
Receiving two noncash benefits [2]	3,385	3,712	3,769	2,327	19.9	1,442
Food stamps and Medicaid only	1,907	2,019	2,139	1,475	12.6	664
Food stamps and school lunch only	593	746	684	410	3.5	274
Receiving three noncash benefits [2]	1,776	2,001	2,049	1,607	13.8	442
Food stamps, school lunch, and Medicaid only	1,200	1,371	1,393	1,065	9.1	328
Food stamps, public housing, and Medicaid only	453	496	490	430	3.7	60
Receiving four noncash benefits	391	462	471	397	3.4	74
Total households receiving—						
Food stamps	6,054	6,769	7,115	4,801	41.1	2,314
School lunch	4,933	5,532	5,356	2,650	22.7	2,706
Public housing	2,573	2,777	2,873	1,510	12.9	1,363
Medicaid	8,155	8,287	8,487	4,606	39.4	3,881

[1] Households receiving money from Aid to *Families with Dependent* Children program, Supplemental Security Income program or other public assistance programs. [2] Includes other combinations not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 131 and 136.

NO. 611. HOUSEHOLDS RECEIVING PUBLIC NONCASH BENEFITS, BY TYPE OF BENEFIT AND INCOME LEVEL: 1981

[Households as of March 1982. See headnote, table 610. Persons of Spanish origin may be of any race. Metropolitan areas refers to 243 standard metropolitan statistical areas as defined in 1970 census reports. For composition of regions, see fig. I, inside front cover. For definitions of household types, see text, p. 4. Hhlds.=households]

TYPE OF BENEFIT AND CHARACTERISTIC	RECIPIENT HOUSEHOLDS (1,000)							RECIPIENT HHLDS. AS PERCENT OF TOTAL		
	Total	Total money income				Below poverty level	Above poverty level	Total	Below poverty level	Above poverty level
		Under $5,000	$5,000-$9,999	$10,000-$14,999	$15,000 and over					
MEDICARE										
Total households[1]	**20,559**	**4,003**	**5,736**	**3,730**	**7,090**	**3,844**	**16,715**	**24.6**	**32.9**	**23.3**
White	18,271	3,215	5,023	3,425	6,608	2,895	15,376	25.1	34.4	23.9
Black	2,002	749	641	259	354	886	1,116	22.3	29.8	18.6
Spanish origin	521	117	167	73	165	153	368	13.1	15.8	12.2
Inside metropolitan areas	12,930	2,218	3,636	2,181	4,893	2,063	10,867	22.7	29.0	21.8
Inside central cities	6,101	1,295	1,884	955	1,966	1,191	4,910	24.7	28.3	24.0
Outside central cities	6,829	923	1,754	1,226	2,926	871	5,958	21.2	29.9	20.3
Outside metropolitan areas	7,629	1,785	2,098	1,549	2,197	1,782	5,847	28.7	39.1	26.5
Northeast	4,873	844	1,336	845	1,847	725	4,148	27.1	32.3	26.3
North Central	5,083	897	1,490	1,034	1,662	809	4,274	23.9	30.5	23.0
South	7,059	1,726	1,899	1,208	2,227	1,829	5,230	25.3	38.0	22.6
West	3,543	536	1,011	643	1,353	481	3,062	21.7	24.4	21.3
Married-couple families	9,893	487	2,066	2,203	5,135	843	9,050	19.9	24.8	19.6
Female family householder[2]	1,746	169	497	355	725	340	1,406	18.6	10.5	22.9
Nonfamily households	8,341	3,320	3,049	1,057	915	2,602	5,739	37.1	53.9	32.5
MEDICAID										
Total households[1]	**8,487**	**3,182**	**2,446**	**1,137**	**1,722**	**4,606**	**3,881**	**10.2**	**39.4**	**5.4**
White	5,727	1,976	1,614	822	1,315	2,754	2,973	7.9	32.7	6.0
Black	2,536	1,158	754	278	345	1,734	802	28.3	58.3	13.4
Spanish origin	816	275	281	122	139	499	317	20.5	51.4	10.5
Inside metropolitan areas	5,776	2,064	1,723	764	1,224	3,055	2,721	10.2	42.9	5.5
Inside central cities	3,454	1,415	1,018	434	587	2,037	1,417	14.0	48.4	6.9
Outside central cities	2,321	649	705	330	637	1,018	1,303	7.2	35.0	4.4
Outside metropolitan areas	2,711	1,119	722	372	497	1,551	1,160	10.2	34.1	5.3
Northeast	2,006	760	592	232	423	1,085	921	11.1	48.3	5.8
North Central	1,913	681	540	281	412	1,039	874	9.0	39.2	4.7
South	2,681	1,284	645	308	445	1,707	974	9.6	35.5	4.2
West	1,886	460	668	317	442	775	1,111	11.5	39.3	7.7
Married-couple families	2,801	394	740	564	1,103	930	1,871	5.6	27.4	4.0
Female family householder[2]	3,139	1,271	1,102	397	369	2,165	974	33.4	66.6	15.8
Nonfamily households	2,240	1,476	518	117	127	1,417	823	10.0	29.4	4.7
FOOD STAMPS										
Total households[1]	**7,115**	**3,068**	**2,189**	**989**	**868**	**4,801**	**2,314**	**8.5**	**41.1**	**3.2**
White	4,424	1,763	1,367	696	599	2,775	1,649	6.1	33.1	2.6
Black	2,522	1,251	755	265	250	1,905	617	28.1	64.1	10.3
Spanish origin	728	252	278	118	80	513	215	16.3	52.8	7.1
Inside metropolitan areas	4,491	1,918	1,420	592	561	3,025	1,466	7.9	42.5	2.9
Inside central cities	2,829	1,333	838	328	331	2,008	821	11.5	47.7	4.0
Outside central cities	1,662	585	582	264	229	1,017	645	5.2	34.9	2.2
Outside metropolitan areas	2,623	1,151	769	397	307	1,776	847	9.9	39.0	3.8
Northeast	1,403	624	450	168	161	930	473	7.8	41.4	3.0
North Central	1,640	685	489	234	232	1,070	570	7.7	40.3	3.1
South	2,949	1,422	850	377	300	2,126	823	10.6	44.2	3.6
West	1,123	337	402	210	175	676	447	6.9	34.3	3.1
Married-couple families	2,358	445	843	540	529	1,224	1,134	4.8	36.1	2.5
Female family householder[2]	2,875	1,284	1,046	322	222	2,197	678	30.6	67.6	11.0
Nonfamily households	1,696	1,294	248	88	66	1,292	404	7.5	26.8	2.3
SCHOOL LUNCH[3]										
Total households[1]	**5,356**	**1,039**	**1,592**	**1,200**	**1,525**	**2,650**	**2,706**	**20.4**	**62.6**	**12.3**
White	3,241	470	934	617	1,020	1,413	1,828	14.9	52.8	9.6
Black	1,898	539	594	324	443	1,134	764	50.4	80.6	32.4
Spanish origin	843	136	269	180	256	436	407	43.4	77.2	29.5
Inside metropolitan areas	3,297	694	983	680	940	1,678	1,619	18.8	63.5	10.9
Inside central cities	1,949	468	585	400	497	1,063	886	29.1	68.8	17.2
Outside central cities	1,348	224	399	281	444	614	734	13.5	56.0	7.6
Outside metropolitan areas	2,059	345	609	520	584	972	1,087	23.4	61.2	15.1
Northeast	943	201	291	200	251	471	472	17.4	57.8	10.2
North Central	1,064	209	291	245	320	505	559	15.9	55.8	9.7
South	2,339	493	728	503	614	1,216	1,123	25.5	69.2	15.2
West	1,010	136	283	252	340	458	552	20.1	60.7	12.9
Married-couple families	2,620	164	572	717	1,167	893	1,727	13.2	51.0	9.5
Female family householder[2]	2,550	849	970	435	296	1,692	858	46.0	72.4	26.8
Nonfamily households	45	7	11	13	15	11	34	23.4	(B)	(B)

B Base figure too small to meet statistical standards for reliability of derived figure.
[1] Includes items not shown separately. [2] No spouse present. [3] Covers households with members 5-18 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 136.

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No. 612. Social Insurance and Related Programs—Cash Beneficiaries and Benefits, by Program: 1970 to 1980

[OASDHI = Old-age, survivors, disability, and health insurance, Federal programs under Social Security Act; see text, p. 365. Partly estimated. Includes some beneficiaries and benefit payments for some programs in outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series H 125-171]

Program	Beneficiaries [1] (1,000)					Amount of benefits (mil. dol.)				
	1970	1975	1978	1979	1980	1970	1975	1978	1979	1980
Total	(X)	(X)	(X)	(X)	(X)	**55,609**	**123,431**	**155,286**	**174,624**	**207,132**
Percent of personal income	(X)	(X)	(X)	(X)	(X)	6.9	9.8	9.0	8.9	9.6
Retirement [2]	(X)	(X)	(X)	(X)	(X)	**29,401**	**61,757**	**86,756**	**98,720**	**115,860**
OASDHI	16,870	20,015	21,831	22,421	22,267	21,075	42,645	59,818	68,201	80,216
Public employee retirement	2,204	3,124	3,841	4,148	4,322	7,209	17,145	24,520	27,891	32,713
Federal civil service	477	732	825	857	913	1,849	5,229	7,360	8,459	10,227
Other Federal employee [3]	642	912	1,079	1,194	1,149	2,700	8,071	8,524	9,666	11,397
State and local government	1,085	1,480	1,959	2,097	2,260	2,660	5,845	8,636	9,766	11,089
Railroad retirement	553	579	594	592	589	1,113	1,966	2,417	2,628	2,931
Veterans Admin. programs [3]	3	1	(X)	(X)	(X)	4	1	(X)	(X)	(X)
Disability [2] [4]	(X)	(X)	(X)	(X)	(X)	**11,001**	**21,883**	**30,808**	**34,859**	**38,178**
OASDHI	2,573	4,142	4,866	4,823	4,729	3,067	8,414	12,519	13,708	14,371
Public employee retirement	419	526	650	669	706	1,312	2,702	3,904	4,376	5,073
Federal civil service	185	258	323	332	355	518	1,307	2,112	2,414	2,885
Other Federal employee [3]	148	163	157	155	157	538	905	1,080	1,158	1,275
State and local government	86	105	169	181	195	255	490	712	804	913
Railroad retirement	95	102	100	96	95	219	403	472	511	564
Veterans Admin. programs [3]	3,178	3,226	3,273	3,242	3,194	3,931	5,583	7,010	7,905	8,602
Workers' compensation	(NA)	(NA)	(NA)	(NA)	(NA)	1,674	3,248	5,217	6,104	7,128
Black lung benefit program	25	333	281	269	252	77	595	592	1,033	1,077
Temporary disability:										
State insurance [5]	181	176	175	189	199	665	890	1,027	1,161	1,300
Railroad insurance	25	14	16	14	16	56	48	67	61	63
Survivor monthly benefits	(X)	(X)	(X)	(X)	(X)	**10,272**	**20,699**	**26,878**	**29,928**	**33,299**
OASDHI	6,369	7,302	7,651	7,591	8,260	7,428	15,526	20,198	22,355	25,054
Public employee retirement	[6] 427	[6] 560	[6] 763	[6] 822	[6] 845	645	1,449	2,111	2,434	2,883
Federal civil service	297	382	416	427	439	429	975	1,425	1,625	1,930
Other Federal employee [3]	10	32	56	84	71	16	84	178	234	301
State and local government	120	145	290	311	335	200	390	508	575	652
Railroad retirement	324	338	335	333	330	424	914	1,132	1,224	1,372
Veterans Admin. programs [3]	2,284	2,258	2,138	1,983	1,465	1,545	2,084	2,482	2,650	2,755
Workers' compensation	(NA)	(NA)	(NA)	(NA)	(NA)	197	365	531	600	600
Black lung benefit program	2	152	159	161	158	33	360	429	665	635
Lump-sum payments	(X)	(X)	(X)	(X)	(X)	**582**	**808**	**829**	**823**	**860**
OASDHI	(X)	(X)	(X)	(X)	(X)	294	337	344	290	250
Public employee retirement	(X)	(X)	(X)	(X)	(X)	189	321	334	367	418
Federal civil service	(X)	(X)	(X)	(X)	(X)	23	20	28	21	23
Other Federal employee	(X)	(X)	(X)	(X)	(X)	1	1	2	2	3
State and local government	(X)	(X)	(X)	(X)	(X)	165	300	304	345	392
Railroad retirement	(X)	(X)	(X)	(X)	(X)	26	25	16	15	14
Veterans Admin. programs [7]	(X)	(X)	(X)	(X)	(X)	73	124	135	151	178
Unemployment	(X)	(X)	(X)	(X)	(X)	**4,353**	**18,285**	**10,016**	**10,294**	**18,935**
State unemployment insurance [8]	1,620	3,515	2,028	2,112	2,830	4,184	18,188	9,891	10,212	18,756
Railroad unemployment insurance	18	26	25	18	38	39	89	125	82	179
Training allowances [9]	60	(X)	(X)	(X)	(X)	131	7	(X)	(X)	(X)

NA Not available. X Not applicable. [1] For old-age, survivors, disability, and health insurance, average monthly number; for public employee retirement systems, veterans programs, and the black lung benefit program, number on rolls June 30; for railroad retirement program, number on rolls June 30 through 1975, Sept. 30 beginning 1978; for State unemployment and temporary disability insurance, average weekly number; for railroad unemployment and temporary disability insurance, average number during 14-day registration period; Manpower Development and Training Act programs, number on rolls Dec. 31. [2] Includes benefits to dependents where applicable. [3] Benefits for career military personnel (those with 20 years' service) are paid by the U.S. Dept. of Defense and are included under "Other Federal employee". [4] Excludes payments for medical care. [5] Payable in Calif., N.J., N.Y., R.I., and Puerto Rico under public and private plans. Data for beneficiaries in N.J. not available. [6] For Federal programs under the Uniformed Services Contingency Option Act of 1953 and for State and local government retirement systems, number represents families. [7] Lump sums are for burial of deceased veterans. [8] Includes payments made by the States as agents of the Federal Government under the Federal employees' unemployment compensation program and under the Ex-Servicemen's Compensation Act of 1958, and payment under the extended unemployment insurance programs, the Trade Expansion Act of 1962, and the Disaster Relief Act of 1970. Beneficiaries relate to regular State unemployment insurance, Federal employee, and ex-servicemen programs only. Includes Puerto Rico. [9] Manpower Development and Training Act of 1962 (Aug. 1962-June 1975).

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and unpublished data.

No. 613. Selected Social Insurance Programs—Paid Employment by Coverage Status: 1950 to 1981

[In millions, except percent. Prior to 1960, excludes Alaska and Hawaii. OASDHI=Old-age, survivors, disability, and health insurance. Represents civilian noninstitutional population (1950–1965 14 years old and over, and beginning 1970, 16 and over) and Armed Forces. Average employment data based on calendar week in March, June, September, and December for which Current Population Survey was taken, except as noted; see text, p. 2. Coverage status generally determined on basis of job with greatest number of hours worked during survey week. See also *Historical Statistics, Colonial Times to 1970,* series H 51-56 and H 186-196]

COVERAGE STATUS	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
Paid average employment	**60.0**	**64.5**	**67.5**	**73.6**	**80.6**	**86.2**	**89.0**	**92.2**	**93.9**	**98.6**	**98.7**	**99.6**
Covered by OASDHI [1]	38.7	55.0	59.4	65.6	71.8	77.4	80.3	83.0	84.6	89.3	88.8	89.7
Percent of paid employment	64.5	85.3	88.0	89.1	89.1	89.8	90.2	90.0	90.1	90.6	90.0	90.1
Wage and salary	38.7	48.3	52.6	59.4	65.9	71.3	74.0	76.7	78.0	82.4	81.7	82.5
Self-employed [2]	(x)	6.7	6.8	6.2	5.9	6.1	6.3	6.4	6.7	6.9	7.1	7.2
Not covered by OASDHI	21.3	9.5	8.1	8.0	8.9	8.8	8.7	9.2	9.3	9.3	9.8	9.9
Excluded by Federal law	21.3	5.8	5.5	5.6	5.5	4.7	4.7	5.4	5.5	5.5	5.7	5.6
Federal civilian	1.7	1.8	2.0	2.2	2.5	2.3	2.3	2.5	2.5	2.5	2.5	2.4
Nonfarm self-employed	*6.2*	*1.5*	*1.3*	*1.1*	*.9*	*.7*	*.6*	*.7*	*.7*	*.8*	*.8*	*.8*
Domestic service	2.0	.8	.9	.9	.9	.8	.8	.8	.8	.8	.8	.8
Other [3]	11.4	1.7	1.3	1.4	1.2	.9	1.0	1.4	1.5	1.4	1.6	1.6
Permitted by Federal law [3 4]	(x)	3.7	2.6	2.4	3.4	4.1	4.0	3.8	3.8	3.8	4.2	4.2
Civilian workers covered by [5]—												
Retirement systems	43.1	57.8	60.9	68.4	75.3	82.2	86.9	88.8	90.1	94.5	93.6	94.6
OASDHI [6]	37.1	51.8	55.4	62.8	69.2	75.7	80.3	82.1	83.2	87.6	86.6	87.6
Railroad retirement	1.6	1.3	.9	.8	.6	.5	.5	.5	.5	.5	.5	.5
Public employment [7]	4.4	4.7	4.6	4.9	5.5	6.0	6.1	6.2	6.4	6.4	6.5	6.5
Workers' compensation	38.7	42.9	44.6	52.3	59.0	68.6	70.4	74.2	74.5	77.4	79.4	(NA)
Unemployment insurance [8]	36.0	41.7	43.7	50.3	55.8	69.7	72.1	75.8	85.8	87.9	87.2	(NA)
Temporary disability insurance [9]	10.3	11.2	11.3	13.0	14.6	15.7	16.2	16.7	18.0	18.1	18.4	(NA)

NA Not available. X Not applicable. [1] Includes railroad employees and all persons covered by Federal law except those on a group-elective or individual voluntary basis for whom coverage has not been arranged. [2] Estimates based on number expected to report earnings at end of year. [3] Farm workers, self-employed farmers, State and local government employees, and employees of nonprofit organizations were excluded in 1950. Coverage for these groups was subsequently elective. [4] Persons whose coverage was authorized, but not arranged on a group-elective or individual voluntary basis. [5] As of December. [6] Excludes railroad employees and Armed Forces. [7] Data represent yearly averages. Excludes persons covered under both a government retirement system and OASDHI. [8] State, railroad, and Federal employee programs. [9] State and railroad programs. Excludes government employees covered by sick-leave provisions.

No. 614. Selected Social Insurance Programs—Estimated Payrolls of Covered Employment in Relation to Wages and Salaries: 1960 to 1981

[In billions of dollars, except percent. OASDHI: Old-age, survivors, disability, and health insurance, Federal programs under Social Security Act; see text, p. 365. Data for Federal civilian and military personnel cover all areas. Gross amount before deduction of social insurance contributions. See also *Historical Statistics, Colonial Times to 1970,* series H 57-69]

PROGRAM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
Total earnings [1]	319	419	615	896	984	1,087	1,222	1,368	1,474	1,618
All wages and salaries [1]	272	362	549	806	890	984	1,105	1,236	1,344	1,483
Civilian	262	349	528	783	867	959	1,078	1,208	1,314	1,448
Payrolls covered by:										
Retirement programs [2]	261	343	528	783	869	967	1,080	1,211	1,324	1,455
OASDHI [3 4]	234	309	480	713	793	883	990	1,121	1,226	1,349
Railroad retirement [3]	6	6	6	8	9	10	11	13	13	13
Federal civil service	12	16	26	37	39	42	45	47	51	56
State and local government	20	31	53	87	95	106	112	123	138	153
Unemployment insurance [3]	215	283	421	688	769	853	1,056	1,182	1,295	1,425
Workers' compensation program [5]	220	292	437	672	750	817	918	1,035	1,136	(NA)
Net earnings in self-employment covered by OASDHI	*29*	*40*	*48*	*70*	*77*	*81*	*88*	*96*	*95*	*99*
Percent of civilian payrolls covered by—										
OASDHI [3 6]	89.6	88.4	90.9	91.1	91.7	92.1	91.0	91.1	89.6	89.5
Railroad retirement [3]	2.2	1.6	1.2	1.1	1.1	1.1	1.0	1.1	1.0	1.0
Federal civil service retirement	4.6	4.7	5.0	4.7	4.5	4.4	4.2	3.9	3.9	3.9
State and local government retirement	7.8	9.0	10.1	11.1	10.9	11.0	10.4	10.1	10.5	10.6
Unemployment insurance [3]	82.3	81.0	79.7	87.8	88.7	88.9	97.9	97.8	98.6	98.4
Workers' compensation programs [5]	84.1	83.6	82.8	85.8	86.6	85.2	85.1	85.7	86.5	(NA)

NA Not available. [1] Data from U.S. Bureau of Economic Analysis. Earnings include self-employed; wages and salaries represent civilian and military pay in cash and in kind. [2] Adjusted for duplication in coverage by both OASDHI and State and local government retirement systems. [3] Taxable plus estimated nontaxable wages and salaries. [4] Includes Armed Forces in all areas. [5] Payrolls of employers insured with private carriers, State funds, or self-insured, and pay covered by Federal programs in all areas. [6] Percent computed after excluding Armed Forces payroll covered by OASDHI.

Source of tables 613 and 614: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin,* and unpublished data.

No. 615. Selected Social Insurance Programs—Source of Funds From Contributions and Transfers: 1965 to 1982

[In millions of dollars. OASDHI=Old-age, survivors, disability and health insurance]

PROGRAM AND SOURCE OF FUNDS	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Social Security (OASDHI) trust funds:										
Old-age and survivors insurance	16,017	30,705	57,241	63,976	70,185	76,085	88,476	103,996	123,301	124,353
Employer	7,618	14,489	27,184	30,430	33,344	36,253	42,288	49,731	58,972	59,105
Employee	7,440	14,204	26,947	30,164	33,093	35,921	41,898	49,436	58,656	58,918
Self-employed	959	1,564	2,684	2,768	3,135	3,297	3,733	4,289	4,999	5,649
Government [1] [2]	(x)	449	425	614	613	614	557	540	675	680
Disability insurance	1,188	4,497	7,534	8,336	9,266	13,555	15,232	13,385	16,906	22,169
Employer	564	2,154	3,562	3,951	4,379	6,492	7,257	6,307	8,074	10,597
Employee	551	2,117	3,530	3,916	4,346	6,450	7,186	6,254	8,035	10,574
Self-employed	73	210	352	365	413	471	671	694	629	824
Government [1]	(x)	16	90	103	128	142	118	130	168	174
Hospital insurance [3]	(x)	5,818	12,309	13,013	15,072	18,166	21,659	24,704	33,847	35,625
Employer	(x)	2,411	5,643	6,258	6,855	8,449	10,115	11,591	16,087	16,791
Employee	(x)	2,364	5,595	6,203	6,803	8,382	10,024	11,518	16,015	16,734
Self-employed	(x)	169	395	403	456	493	629	739	856	1,061
Government [1] [2] [4]	(x)	874	669	141	946	829	875	838	866	1,015
Voluntarily insured [5]	(x)	(x)	7	9	12	13	16	18	22	24
Supplementary medical insurance [6]	(x)	2,189	4,566	5,870	7,633	8,757	9,364	10,466	15,013	15,981
Aged	(x)	1,096	1,759	1,878	2,030	2,221	2,452	2,707	3,356	3,341
Disabled	(x)	(x)	158	183	217	249	267	304	366	356
Government	(x)	1,093	2,648	3,810	5,386	6,287	6,645	7,455	11,291	12,284
Railroad retirement [7]	647	968	1,505	2,298	1,964	2,629	2,727	2,875	2,935	(NA)
Employer	315	510	1,144	1,333	1,458	1,526	1,774	1,845	1,971	(NA)
Employee	315	439	358	465	507	540	640	717	838	(NA)
Government [1]	17	19	4	500	-	563	313	313	126	(NA)
Federal civil service	2,197	3,870	9,507	10,770	13,802	14,306	16,328	19,986	(NA)	(NA)
Employer (Federal and D.C. gov't.)	1,123	2,001	6,905	7,965	10,816	11,118	12,916	16,220	(NA)	(NA)
Employee [8]	1,073	1,869	2,600	2,805	2,986	3,188	3,412	3,766	(NA)	(NA)
State and local government [9]	4,225	7,895	14,560	16,560	18,470	20,380	22,702	25,654	(NA)	(NA)
Employer (government)	2,525	4,920	9,880	11,510	13,010	14,500	16,434	18,776	(NA)	(NA)
Employee	1,700	2,975	4,680	5,050	5,460	5,880	6,268	6,878	(NA)	(NA)

- Represents zero. NA Not available. X Not applicable. [1] Represents cost of gratuitous wage credits for military service. [2] Includes Federal payments for special age-72 benefits. [3] Includes transfers from railroad retirement account for HI coverage of railroad workers. [4] Includes transfers of appropriations for HI benefits for persons not insured for cash benefits under OASI, DI or railroad retirement. [5] Beginning July 1973, aged ineligibles may voluntarily enroll for HI. [6] Includes premiums paid on behalf of eligibles by State governments under "buy-in" arrangements. [7] Beginning 1966, excludes HI contributions (included with HI above) and includes employer contributions to supplemental benefit account. [8] Includes voluntary contributions to purchase additional annuity. [9] Estimated.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin.*

No. 616. Federal Benefits for the Aged, by Type of Benefit: 1971 to 1983

[For years ending June 30 except, beginning 1978, ending Sept. 30. Reflects outlays, including effects of proposed legislation, for recipients aged 65 and over in most cases. Estimates based on Federal agency information—which may be administrative counts, samples, or less accurate estimates from Federal, State and program staff. Other Federal programs that assist the elderly (e.g. consumer activities, USDA extension service, National Park Service) have been excluded due to data limitations]

TYPE OF BENEFIT	BENEFITS (bil. dol.)								PERCENT		
	1971	1975	1978	1979	1980	1981	1982	1983	1971	1980	1983
Total outlays	**44.0**	**81.3**	**103.9**	**116.4**	**144.2**	**173.3**	**196.0**	**217.1**	**100.0**	**100.0**	**100.0**
Cash benefits	34.2	64.7	76.9	85.2	101.3	122.3	137.2	150.3	77.7	70.2	69.2
Social security	27.1	51.8	62.9	69.0	81.2	97.1	111.2	122.2	61.6	56.3	56.3
Railroad employees	1.7	2.8	3.0	3.2	3.6	4.1	4.0	4.3	3.9	2.5	1.9
Federal civilian employees	2.3	5.5	5.0	6.2	7.8	11.6	11.1	12.2	5.2	5.4	5.6
Uniformed services members	.7	1.1	2.0	.8	1.8	2.0	3.0	3.3	1.6	1.2	1.5
Coal miners [1]	.1	.2	.3	1.1	1.3	1.2	1.3	1.2	.2	.9	.5
Supplemental security income	[2] 1.4	1.8	1.9	1.7	2.3	2.6	2.7	3.1	[2] 3.2	1.6	1.4
Veterans pensions [3]	.9	1.5	1.8	3.2	3.3	3.7	3.9	4.0	2.0	2.3	1.8
In-kind benefits	9.8	16.6	27.0	31.2	36.8	45.0	52.8	59.5	22.3	25.5	27.4
Medicare	7.5	12.8	21.5	24.6	29.3	35.8	42.6	48.4	17.0	20.3	22.3
Medicaid	1.9	2.6	3.8	4.3	4.7	6.0	6.0	6.7	4.3	3.3	3.1
Food stamps	.2	1.0	.5	.5	.5	.9	.9	.7	.5	.3	.3
Subsidized public housing	.2	.4	1.1	1.6	2.3	2.3	3.3	3.7	.5	1.6	1.7
Other [4]	(NA)	(NA)	(NA)	.1	6.1	6.0	6.0	7.3	(NA)	4.2	3.4

NA Not available. [1] Prior to 1979, represents benefit for coal miners' widows only. [2] Represents Federal grants to States for aid to the aged, blind, and disabled. [3] Includes other veterans' compensation for aged beginning 1979. [4] Includes Administration on Aging, National Institute on Aging, ACTION, White House Conference on Aging, other Federal health programs, other Social Security benefits, Farmers Home Administration and Elderly Housing Loans programs, social services, energy assistance, unemployment, and other miscellaneous discretionary program outlays.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government,* annual; and unpublished data.

No. 617. Population 65 Years Old and Over, and Societal Support Ratios: 1960 to 1982

[In millions, except as indicated. As of July. Includes Armed Forces overseas. The support ratio is the number of elderly persons of a specified age per 100 persons defined by age or work status]

AGE GROUP	1960	1970	1980	1982	SUPPORT RATIO	1960	1970	1980	1982
Persons 65 years and over	16.7	20.1	25.7	26.8	Persons, 65 years old and over, per 100 persons, 18–64 years old	17	17	19	19
Percent, all ages	9.2	9.8	11.3	11.6					
65–69 years	6.3	7.0	8.8	8.9	Persons, 60 years old and over, per 100 persons, 20–59 years old	27	29	30	30
70–74 years	4.8	5.5	6.8	7.2					
75–79 years	3.1	3.9	4.8	5.1	Nonworkers, 65 years old and over, per 100 workers, 18–64 years old [1]	21	22	23	23
80–84 years	1.6	2.3	3.0	3.2					
85 years and over	.9	1.4	2.3	2.5	Nonworkers, 60 years old and over, per 100 workers, 20–59 years old [1]	28	30	31	30

[1] Nonworkers are persons not in labor force and workers are persons in civilian labor force. Labor force data are monthly averages based on the Current Population Survey; see text, p. 2. Data from U.S. Bureau of Labor Statistics.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 519 and 929, and unpublished data.

No. 618. Social Security (OASDHI)—Covered Employment and Earnings: 1950 to 1982

[Beginning 1960, includes Puerto Rico and Virgin Islands and, beginning 1965, American Samoa and Guam. OASDHI: Old-age, survivors, disability, and health insurance. Represents all reported employment. Data are estimated. See also *Historical Statistics, Colonial Times to 1970*, series H 172–185]

ITEM	Unit	1950	1960	1965	1970	1975	1978	1979	1980	1981	1982
Living covered workers [1]	Million	80.8	107.4	118.1	133.5	145.2	154.0	156.8	159.2	161.5	164.0
With insured status [2]	Million	40.1	76.6	92.9	105.3	120.0	128.8	132.7	136.7	140.3	144.0
Male	Million	27.6	49.2	55.7	61.7	68.1	71.8	73.6	75.4	76.8	78.4
Female	Million	12.5	27.4	37.2	43.6	51.9	57.0	59.1	61.3	63.5	65.6
Under 25 years old	Million	9.1	10.6	12.3	17.7	21.6	23.0	24.2	25.3	26.0	26.6
25–34 years old	Million	11.4	16.4	19.2	22.2	28.5	32.3	33.4	34.8	36.4	37.6
35–44 years old	Million	8.0	17.4	20.2	19.0	19.1	20.7	21.6	22.4	23.1	24.3
45–54 years old	Million	5.8	14.4	17.8	19.2	19.4	19.0	18.8	18.7	18.6	18.6
55–61 years old	Million	2.7	7.0	9.3	10.5	11.6	12.2	12.4	12.6	12.7	12.8
62–64 years old	Million	.9	2.3	3.1	3.7	4.2	4.5	4.6	4.6	4.7	4.8
65–69 years old	Million	1.5	3.8	4.2	5.0	5.9	6.4	6.5	6.7	6.8	6.9
70 yrs. old and over	Million	.7	4.6	6.7	8.0	9.7	10.8	11.2	11.7	12.0	12.4
New entrants into covered employment	Million	2.5	3.1	4.6	4.4	4.1	5.4	5.0	(NA)	(NA)	(NA)
Workers reported with—											
Taxable earnings [3]	Million	48	73	81	93	100	111	114	114	116	115
Maximum earnings [3]	Million	14	20	29	24	15	17	11	(NA)	(NA)	(NA)
Earnings in covered employment	Bil. dol.	110	265	352	532	787	1,088	1,217	1,321	1,448	1,537
Reported taxable [3]	Bil. dol.	88	207	251	416	665	916	1,069	1,175	1,301	1,386
Percent of total	Percent	79.7	78.1	71.3	78.2	84.5	84.0	87.8	88.9	89.8	90.2
Average per worker:											
Total earnings	Dollar	2,274	3,656	4,359	5,711	7,854	9,836	10,717	11,558	12,521	13,355
Taxable earnings [3]	Dollar	1,812	2,854	3,108	4,464	6,634	8,279	9,410	10,282	11,250	12,050

NA Not available. [1] Estimated number of persons who had covered employment at any time during the period 1937 to year shown; not adjusted to reflect effect of (a) provisions that coordinate the OASDHI and railroad retirement programs and (b) wage credits for military service. Only partially adjusted to eliminate duplicate count of persons with taxable earnings reported on more than 1 account number; effect of such duplication is substantially less significant for the insured than for the uninsured. Includes persons currently insured and not insured, not shown separately. [2] Fully insured for retirement and/or survivor benefits. [3] Beginning 1960, includes self-employment. See table 620 for maximum taxable earnings.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and unpublished data.

No. 619. Social Security (OASDHI)—Effect on Contributions of Changes in the Wage Base and Tax Rate: 1966 to 1983

[OASDHI=Old-age, survivors, disability, and health insurance programs. Effect of changes represents first full-year effect on contributions of changes in taxable wage base and combined tax rate]

YEAR	Workers taxable wage base (dol.)	Combined [1] tax rate (percent)	EFFECT OF CHANGES (bil. dol.) Total	Wage base	Tax rate	YEAR	Workers taxable wage base (dol.)	Combined [1] tax rate (percent)	EFFECT OF CHANGES (bil. dol.) Total	Wage base	Tax rate
1966	6,600	8.40	6.2	3.4	2.8	1976	15,300	([2])	2.1	2.1	([2])
1967	([2])	8.80	1.2	([2])	1.2	1977	16,500	([2])	2.1	2.1	([2])
1968	7,800	([2])	2.1	2.1	([2])	1978	17,700	12.10	5.6	2.1	3.5
1969	([2])	9.60	3.0	([2])	3.0	1979	22,900	12.26	9.5	8.0	1.6
1971	([2])	10.40	3.2	([2])	3.2	1980	25,900	([2])	3.6	3.6	([2])
1972	9,000	([2])	2.9	2.9	([2])	1981	29,700	13.30	16.9	4.2	12.7
1973	10,800	11.70	10.8	4.6	6.2	1982	32,400	13.40	4.0	2.7	1.3
1974	13,200	([2])	3.9	3.9	([2])	1983	35,700	([2])	2.9	2.9	([2])
1975	14,100	([2])	1.4	1.4	([2])						

[1] Employee and employer contribute equally. [2] No increase occurred.

Source: U.S. Social Security Administration, unpublished data.

No. 620. Social Security (OASDHI)—Contribution Rates: 1960 to 1986

[As of January 1, except as noted. OASDI = Old-age, survivors, and disability insurance; HI = Hospital insurance]

Year	Annual maximum taxable earnings (dol.)	Maximum tax (dol.)	Contribution rates (percent)						Supplementary medical insurance, monthly rate [2] (dol.)
			Each employer and employee			Self-employed			
			Total	OASDI	HI [1]	Total	OASDI	HI [1]	
In effect: 1960	4,800	144	3.00	3.00	(x)	4.50	4.50	(x)	(x)
1965	4,800	174	3.625	3.625	[3] .35	5.40	5.40	[3] .35	[3] 3.00
1970	7,800	374	4.80	4.20	.60	6.90	6.30	.60	[4] 5.30
1975	14,100	825	5.85	4.95	.90	7.90	7.00	.90	6.70
1976	15,300	895	5.85	4.95	.90	7.90	7.00	.90	[4] 7.20
1977	16,500	965	5.85	4.95	.90	7.90	7.00	.90	[4] 7.70
1978	17,700	1,071	6.05	5.05	1.00	8.10	7.10	1.00	[4] 8.20
1979	22,900	1,404	6.13	5.08	1.05	8.10	7.05	1.05	[4] 8.70
1980	25,900	1,588	6.13	5.08	1.05	8.10	7.05	1.05	[4] 9.60
1981	29,700	1,975	6.65	5.35	1.30	9.30	8.00	1.30	[4] 11.00
1982	32,400	2,171	6.70	5.40	1.30	9.35	8.05	1.30	[4] 12.20
1983	35,700	2,392	6.70	5.40	1.30	9.35	8.05	1.30	12.20
1984	37,800	[5] 2,533	[6] 7.00	5.70	1.30	14.00	11.40	2.60	(NA)
Future schedule: 1985	([7])	([7])	7.05	5.70	1.35	14.10	11.40	2.70	(NA)
1986	([7])	([7])	7.15	5.70	1.45	14.30	11.40	2.90	(NA)

NA Not available. X Not applicable. [1] Hospital insurance for the aged, first effective in 1966; for the disabled, in 1973. [2] Program began July 1966. See text, p. 365. [3] As of July 1966. [4] Effective July 1. [5] Employee's maximum tax; see footnote 6. [6] Employee will pay 6.7 percent. Employee's additional .3 percent will be supplied from general revenues. [7] Will be adjusted by Federal law to reflect increasing income levels.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and unpublished data.

No. 621. Social Security (OASDHI) Trust Funds: 1965 to 1982

[**In millions of dollars, except percent.** See also *Historical Statistics, Colonial Times to 1970*, series H 238-242]

Type of trust fund	1965	1970	1975	1977	1978	1979	1980	1981	1982
Old-age and survivors insurance (OASI):									
Net contribution income [1]	16,017	30,256	56,816	69,572	75,471	87,919	103,456	122,627	123,673
Transfers from general revenue [2]	(x)	449	425	613	614	557	540	674	680
Interest received	593	1,515	2,364	2,227	2,008	1,797	1,845	2,060	[3] 845
Benefit payments	16,737	28,796	58,509	73,113	80,352	90,556	105,074	[4] 123,796	[4] 138,800
Administrative expenses	328	471	896	981	1,115	1,113	1,154	1,307	1,519
Percent of benefit payments	2.0	1.6	1.5	1.3	1.4	1.2	1.1	1.1	1.1
Assets, end of year	18,235	32,454	36,987	32,491	27,520	24,660	22,824	21,490	[5] 22,088
Reserve ratio [6] (percent)	107	111	62	44	34	27	21	17	16
Disability insurance (DI):									
Net contribution income [1]	1,180	4,481	7,444	9,138	13,413	15,114	13,255	16,738	21,995
Transfers from general revenue [2]	(x)	16	90	128	142	118	130	168	174
Interest received	59	277	502	304	256	358	487	172	561
Benefit payments	1,573	3,067	8,414	11,463	12,513	13,708	15,437	[4] 17,200	[4] 17,338
Administrative expenses	90	164	256	399	325	371	368	436	590
Percent of benefit payments	5.7	5.3	3.0	3.5	2.6	2.7	2.4	2.5	3.4
Assets, end of year	1,606	5,614	7,354	3,370	4,226	5,630	3,629	3,049	[7] 2,691
Reserve ratio [6] (percent)	97	174	85	28	33	40	23	17	15
Hospital insurance (HI):									
Net contribution income [1]	[8] 3,152	4,881	11,509	14,126	17,336	20,784	23,866	32,981	34,610
Transfers from general revenue [2]	[8] 312	874	669	946	[9] 858	[9] 908	[9] 871	[9] 900	1,015
Interest received	[8] 51	161	671	784	822	956	1,138	1,586	2,101
Benefit payments	[8] *3,353*	*5,124*	*11,318*	*15,743*	*17,688*	*20,630*	*25,067*	*30,942*	*35,631*
Administrative expenses	[8] 77	157	263	276	450	410	476	337	513
Percent of benefit payments	[8] 2.3	3.1	2.3	1.8	2.6	2.0	1.9	1.1	1.4
Assets, end of year	[8] 1,073	3,202	10,517	10,442	11,477	13,228	13,749	18,748	[10] 8,164
Reserve ratio [6] (percent)	[8] 31	61	91	65	63	63	54	61	23
Supplementary medical insurance (SMI):									
Net contribution income [1]	[8] 640	1,096	1,918	2,247	2,469	2,719	3,011	[11] 3,722	[11] 3,697
Transfers from general revenue	[8] 933	1,093	2,648	5,386	6,287	6,645	7,455	[11] 11,291	[11] 12,284
Interest received	[8] 24	12	106	172	299	404	408	361	599
Benefit payments	[8] 1,197	1,975	4,273	6,038	7,252	8,708	10,635	13,113	15,455
Administrative expenses	[8] 110	238	462	467	503	557	610	927	772
Percent of benefit payments	[8] 9.2	12.0	10.8	7.7	6.9	6.4	5.7	7.0	5.0
Assets, end of year	[8] 412	188	1,444	3,099	4,400	4,902	4,530	5,877	6,230
Reserve ratio [6] (percent)	[8] 32	8	30	48	57	53	40	42	36

X Not applicable. [1] Includes deposits by States and deductions for refund of estimated employee-tax overpayment. For supplementary medical insurance, represents voluntary premium payments from and on behalf of insured persons. [2] Appropriations to meet benefit costs arising from noncontributory military wage credits, and special age-72 benefits and cost of hospital benefits for persons uninsured for OASDHI or railroad retirement cash benefits. [3] Excludes $319 million for loss on securities sold. [4] Benefits that were paid on December 31, 1981 rather than January 3, 1982 which was a Sunday, are included in the 1982 figure so that 1981 and 1982 data each reflect 12 months of benefit payments. [5] Includes $18 billion borrowed from the DI and HI trust funds. [6] Assets at end of year as a percentage of benefit payments and administrative expenses during the year. [7] Excludes $5 billion loaned to the OASI trust fund. [8] 1967 data. [9] Includes reimbursements for Professional *Standards Review Organization*. [10] *Excludes $12 billion loaned to the* OASI trust fund. [11] See *footnote 4. SMI premiums* withheld from the checks ($264 million) and the general revenue matching contribution ($883 million) were added to the SMI Trust Fund on December 31, 1981. These amounts have been excluded form the estimated premium income and general revenue income for 1982.

Source: U.S. Social Security Administration, *Annual Report of Board of Trustees, OASI, DI, HI, and SMI Trust Funds*. Also published in *Social Security Bulletin*, monthly.

NO. 622. SOCIAL SECURITY (OASDI)—BENEFITS, BY TYPE OF BENEFICIARY: 1960 TO 1982

[OASDI=Old-age, survivors, and disability insurance. A person eligible to receive more than one type of benefit is generally classified or counted only once as a retired-worker beneficiary. See also headnote, table 618; Appendix III; and *Historical Statistics, Colonial Times to 1970*, series H 197-229]

TYPE OF BENEFICIARY	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
	BENEFITS IN CURRENT-PAYMENT STATUS [1] (end of year)									
Number of benefits (1,000)	**14,845**	**20,867**	**26,229**	**32,086**	**34,079**	**34,586**	**35,125**	**35,585**	**36,006**	**35,840**
Retired workers [2] (1,000)	8,061	11,101	13,349	16,588	17,821	18,358	18,970	19,562	20,195	20,764
Disabled workers [3] (1,000)	455	988	1,493	2,489	2,837	2,880	2,871	2,859	2,777	2,604
Wives and husbands [2 4] (1,000)	2,346	2,807	2,952	3,320	3,457	3,471	3,467	3,477	3,459	3,405
Children [5] (1,000)	2,000	3,093	4,122	4,972	5,083	4,938	4,794	4,607	4,430	3,883
Widowed mothers [6] (1,000)	401	472	523	562	583	576	574	562	548	515
Widows and widowers [2 7] (1,000)	1,544	2,371	3,227	3,889	4,119	4,212	4,321	4,411	4,508	4,595
Parents [2] (1,000)	36	35	29	21	18	17	16	15	14	12
Special benefits [8] (1,000)	(x)	(x)	534	224	159	134	112	93	76	63
Average monthly benefit, current dollars:										
Retired workers [2]	74	84	118	207	243	263	294	341	386	419
Retired worker and wife [2]	124	142	199	344	404	438	489	567	(NA)	(NA)
Disabled workers [3]	89	98	131	226	265	288	322	371	413	441
Wives and husbands [2 4]	39	43	59	100	117	126	141	164	186	203
Widowed mothers [6]	59	65	87	147	174	190	213	246	277	303
Widows and widowers, nondisabled [2]	58	74	102	194	224	241	270	311	349	379
Parents [2]	60	76	103	172	198	214	239	276	310	335
Special benefits [8]	(x)	(x)	45	69	78	83	92	105	116	125
Average monthly benefit, constant (1982) dollars: [9]										
Retired workers [2]	241	257	293	371	387	389	391	399	410	419
Retired worker and wife [2]	404	434	495	617	644	648	650	664	(NA)	(NA)
Disabled workers [3]	290	300	326	405	422	426	428	435	438	441
Wives and husbands [2 4]	127	132	147	179	186	186	188	192	197	203
Widowed mothers [6]	192	199	216	264	277	281	283	288	294	303
Widows and widowers, nondisabled [2]	189	226	254	348	357	357	359	364	370	379
	BENEFITS AWARDED DURING YEAR (1,000)									
Number of benefits	**2,336**	**3,072**	**3,722**	**4,427**	**4,611**	**4,166**	**4,227**	**4,215**	**4,059**	**3,859**
Retired workers [2]	982	1,183	1,338	1,506	1,594	1,480	1,597	1,620	1,600	1,625
Full benefits payable	634	296	114	117	114	142	139	132	135	(NA)
Reduced benefits [10]	207	579	745	964	1,075	974	1,017	1,028	1,025	(NA)
Other [11]	141	308	479	425	404	364	441	460	440	(NA)
Disabled workers [3]	208	253	350	592	569	457	409	389	345	299
Wives and husbands [2 4]	394	390	436	499	543	477	471	469	437	430
Children [5]	416	783	1,091	1,332	1,366	1,234	1,191	1,174	1,094	922
Widowed mothers [6]	93	100	112	116	119	110	110	108	100	87
Widows and widowers [2 7]	239	359	363	377	417	404	446	452	481	495
Parents [2]	5	3	2	1	1	1	1	1	1	1
Special benefits [8]	(x)	(x)	30	4	3	3	2	1	1	1
	BENEFIT PAYMENTS DURING YEAR (mil. dol.)									
Total amount [12]	**11,245**	**18,311**	**31,863**	**66,923**	**84,576**	**92,865**	**104,263**	**120,472**	**140,995**	**156,137**
Monthly benefits [13]	11,081	18,094	31,570	66,586	84,264	92,520	103,923	120,118	140,662	155,934
Retired workers [2]	7,053	10,984	18,437	38,078	48,134	53,255	60,379	70,359	83,614	95,123
Disabled workers [3]	489	1,246	2,448	6,908	9,456	10,315	11,333	12,817	14,379	14,810
Wives and husbands [2 4]	1,083	1,478	2,194	4,104	5,057	5,525	6,135	7,043	8,228	9,191
Children [5]	1,085	1,922	3,517	6,643	8,163	8,671	9,416	10,514	11,764	11,302
Widowed mothers [6]	286	388	574	1,009	1,189	1,284	1,409	1,572	1,760	1,861
Widows and widowers [2 7]	1,057	2,041	4,055	9,596	12,055	13,278	15,071	17,638	20,749	23,488
Parents [2]	28	35	39	50	52	51	52	55	58	59
Special benefits [8]	(x)	(x)	306	198	157	142	128	119	110	100
Lump sum	164	217	294	337	312	344	340	355	332	203

NA Not available. X Not applicable. [1] Benefit payment actually being made at a specified time with no deductions or with deductions amounting to less than a month's benefits; i.e., the benefits actually being received. [2] 62 years and over, except for 1960, men, 65 years and over. [3] Disabled workers under age 65. [4] Includes wife beneficiaries with entitled children in their care and, beginning Sept. 1965, entitled divorced wives. [5] Includes disabled persons aged 18 and over whose disability began before age 18 (22, beginning Jan. 1973) and, beginning Sept. 1965, entitled full-time students aged 18–21. [6] Includes surviving divorced mothers with entitled children in their care and, beginning June 1975, widowed fathers with entitled children in their care. [7] Beginning Sept. 1965, includes widows aged 60–61 and surviving divorced wives aged 60 and over; beginning March 1968, disabled widows and widowers aged 50 and over; and beginning Jan. 1973, widowers aged 60–61. [8] Benefits for persons aged 72 and over not insured under regular or transitional provisions of Social Security Act. [9] Constant dollar figures are based on the consumer price index published by the U.S. Bureau of Labor Statistics; see table 809. [10] Benefits payable with reduction for early retirement, at ages 62–64. [11] Includes awards suspended chiefly because of earnings of the retired worker and awards converted from disability awards to retirement awards on attainment of age 65. Also includes awards to transitionally insured persons aged 72 and over. [12] Represents total disbursements of benefit checks by the U.S. Dept. of the Treasury during the years specified. [13] Distribution by type estimated.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and unpublished data.

No. 623. Social Security (OASDI)—Beneficiaries, Benefit Payments, and Average Monthly Benefits, 1970 to 1982, and by States and Other Areas, 1982

[Number of beneficiaries in current-payment status and average monthly benefit as of **December**. OASDI = Old-age, survivors, and disability insurance. See also headnote, table 622, and Appendix III]

Year, division, state or other area	Number of beneficiaries (1,000)				Benefit payments (mil. dol.)				Average monthly benefits (dol.)		
	Total [1]	Retired workers [2]	Survivors	Disabled workers [2]	Total [1]	Retired workers [2]	Survivors [3]	Disabled workers [2]	Retired workers [4]	Disabled workers	Widows and widowers [5]
1970	26,229	16,559	6,470	2,665	31,863	20,770	7,721	3,067	118	131	102
1975	32,086	20,099	7,411	4,353	66,923	42,447	15,864	8,414	207	226	194
1978	34,586	21,998	7,586	4,869	92,865	59,159	21,051	12,513	263	288	241
1979	35,125	22,501	7,622	4,777	104,263	66,947	23,480	13,708	294	322	270
1980	35,585	23,216	7,598	4,678	120,472	77,906	27,010	15,437	341	371	311
1981	36,006	23,859	7,615	4,456	140,995	92,478	31,206	17,200	386	413	349
1982, total [6]	**35,840**	**24,362**	**7,442**	**3,973**	**156,173**	**104,930**	**33,785**	**17,339**	**418**	**441**	**378**
U.S	34,950	23,865	7,245	3,776	153,713	103,569	33,183	16,850	(NA)	(NA)	(NA)
N. Eng	**2,022**	**1,460**	**377**	**181**	**9,309**	**6,647**	**1,842**	**814**	(NA)	(NA)	(NA)
Maine	200	140	38	21	830	569	172	88	388	415	345
N.H	143	105	25	13	648	472	120	56	422	442	374
Vt	82	57	16	9	354	244	73	37	410	427	354
Mass	940	678	179	81	4,302	3,064	869	366	425	441	380
R.I	171	123	30	18	782	555	145	81	421	429	368
Conn	486	357	89	39	2,393	1,743	463	186	461	460	399
Mid. Atl	**6,141**	**4,272**	**1,230**	**627**	**29,151**	**20,081**	**6,064**	**2,988**	(NA)	(NA)	(NA)
N.Y	2,899	2,025	560	308	13,802	9,605	2,733	1,455	450	464	386
N.J	1,150	805	227	116	5,569	3,878	1,128	560	457	466	394
Pa	2,092	1,442	443	209	9,780	6,598	2,203	973	438	460	382
E. No. Cent	**6,269**	**4,264**	**1,359**	**635**	**29,059**	**19,438**	**6,621**	**2,985**	(NA)	(NA)	(NA)
Ohio	1,634	1,080	369	182	7,469	4,814	1,808	843	433	463	380
Ind	830	565	178	85	3,837	2,580	859	397	438	463	379
Ill	1,658	1,151	359	145	7,759	5,332	1,733	689	417	461	384
Mich	1,367	906	303	157	6,446	4,206	1,484	754	451	486	388
Wis	780	562	150	66	3,548	2,506	737	302	432	463	380
W. No. Cent	**2,872**	**2,061**	**575**	**230**	**12,377**	**8,655**	**2,702**	**1,008**	(NA)	(NA)	(NA)
Minn	627	461	122	42	2,693	1,923	579	189	405	442	362
Iowa	502	364	101	36	2,219	1,562	494	160	422	435	368
Mo	870	602	176	91	3,726	2,521	806	397	405	434	355
N. Dak	107	78	22	7	433	305	100	28	393	403	343
S. Dak	122	87	26	9	489	340	113	35	384	402	342
Nebr	260	190	51	18	1,119	799	241	77	411	422	363
Kans	384	279	77	27	1,698	1,205	369	122	419	435	370
So. Atl	**6,018**	**4,033**	**1,248**	**725**	**25,271**	**16,784**	**5,337**	**3,135**	(NA)	(NA)	(NA)
Del	87	59	19	10	406	272	89	45	439	450	380
Md	536	362	121	51	2,399	1,594	557	246	420	456	367
D.C	88	59	19	8	341	230	74	37	361	388	310
Va	722	465	164	92	2,945	1,864	691	387	389	422	329
W. Va	358	210	88	59	1,500	857	393	249	411	461	342
N.C	900	574	205	119	3,542	2,250	795	495	380	404	305
S.C	448	268	111	68	1,739	1,051	408	278	382	407	310
Ga	768	462	183	121	2,967	1,778	704	484	377	406	309
Fla	2,111	1,574	338	197	9,432	6,888	1,626	914	418	451	370
E. So. Cent	**2,411**	**1,489**	**569**	**351**	**9,125**	**5,519**	**2,227**	**1,374**	(NA)	(NA)	(NA)
Ky	600	369	140	91	2,318	1,382	577	357	376	431	319
Tenn	740	470	166	103	2,882	1,798	668	414	380	407	315
Ala	641	392	159	89	2,440	1,461	621	357	378	412	307
Miss	430	258	104	68	1,485	878	361	246	346	392	278
W. So. Cent	**3,357**	**2,162**	**788**	**402**	**13,295**	**8,401**	**3,281**	**1,603**	(NA)	(NA)	(NA)
Ark	444	288	91	65	1,657	1,048	355	252	363	404	303
La	583	332	156	94	2,227	1,251	619	355	381	425	322
Okla	466	330	103	52	1,989	1,313	455	220	393	422	339
Tex	1,844	1,212	438	191	7,422	4,789	1,852	776	394	425	336
Mt	**1,495**	**1,040**	**299**	**155**	**6,464**	**4,427**	**1,336**	**689**	(NA)	(NA)	(NA)
Mont	121	84	25	12	519	351	114	53	410	446	366
Idaho	134	96	25	12	574	405	115	54	408	440	362
Wyo	51	36	11	4	220	153	50	17	410	439	360
Colo	335	231	71	33	1,453	967	327	148	407	437	362
N. Mex	176	112	40	24	684	438	154	92	394	430	326
Ariz	431	306	78	47	1,914	1,347	352	215	427	469	372
Utah	150	107	31	12	666	468	142	56	429	448	376
Nev	97	68	18	11	434	298	82	54	419	473	371
Pac	**4,365**	**3,084**	**800**	**474**	**19,662**	**13,617**	**3,778**	**2,254**	(NA)	(NA)	(NA)
Wash	588	425	108	54	2,708	1,918	525	263	335	462	377
Oreg	417	305	72	39	1,904	1,364	352	187	428	461	374
Calif	3,224	2,257	594	368	14,484	9,931	2,793	1,750	424	452	372
Alaska	21	12	6	3	87	52	24	11	433	472	335
Hawaii	115	85	20	10	479	352	84	43	420	441	338
Puerto Rico	559	285	99	175	1,351	667	256	428	264	342	242
Guam	3	2	1	(Z)	8	4	3	1	315	366	271
American Samoa	2	1	1	(Z)	4	2	1	1	258	318	230
Virgin Islands	6	5	2	1	27	18	6	3	383	414	322
Foreign	316	205	93	18	1,069	672	339	50	346	411	295

NA Not available. Z Fewer than 500. [1] Includes special benefits; see footnote 8, table 622. [2] Includes benefits payable to dependents. [3] Includes lump-sum payments to survivors of deceased workers. [4] Excludes persons with special benefits. [5] Nondisabled only. [6] Preliminary.

Source: U.S. Social Security Administration. Periodically in *Social Security Bulletin*.

NO. 624. SOCIAL SECURITY (OASDI)—RETIREMENT BENEFITS, BY SEX: 1960 TO 1982

[As of **end of year.** Benefits in current-payment status. OASDI=Old-age, survivors, and disability insurance. Persons who retire at age 65 or older receive full benefits; those who retire between ages 62 and 64 receive reduced benefits. The latter began in 1956 for women and in 1961 for men. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series H 245-259]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
MALE											
Number receiving benefits [1]	1,000	5,217	6,825	7,688	9,164	9,714	9,928	10,192	10,461	10,767	11,030
Full benefits	1,000	5,217	5,389	4,930	4,699	4,583	4,536	4,607	4,587	4,586	4,645
Reduced benefits	1,000	(x)	1,436	2,758	4,465	5,131	5,392	5,586	5,874	6,181	6,385
Avg. monthly benefits, total	Dollars	82	93	131	228	268	292	327	380	431	470
Full	Dollars	82	96	139	247	293	320	359	420	480	528
Reduced [2]	Dollars	(x)	79	115	207	246	268	300	350	395	427
FEMALE											
Number receiving benefits [1]	1,000	2,845	4,276	5,661	7,424	8,106	8,430	8,778	9,101	9,428	9,734
Full benefits	1,000	1,896	2,192	2,352	2,521	2,669	2,684	2,772	2,811	2,839	2,896
Reduced benefits	1,000	949	2,083	3,309	4,903	5,438	5,745	6,006	6,291	6,589	6,837
Avg. monthly benefits, total	Dollars	60	70	101	182	213	230	257	297	334	362
Full	Dollars	62	75	112	206	243	265	297	347	394	433
Reduced [2]	Dollars	56	65	94	169	198	214	238	275	309	332

X Not applicable. [1] Includes disability beneficiaries who attained age 65. [2] After reduction

Source: U.S. Social Security Administration, *Social Security Bulletin,* monthly. Data are published quarterly.

NO. 625. SOCIAL SECURITY—CHILD BENEFICIARIES AND BENEFITS: 1965 TO 1982

[Benefits in current-payment status at end of year. For explanation of methodology, see Appendix III]

ITEM	1965	1970	1975	1977	1978	1979	1980	1981	1982
Beneficiaries (1,000):									
Children	3,093	4,122	4,972	5,083	4,938	4,794	4,607	4,430	3,883
Under age 18	2,689	3,315	3,835	3,813	3,701	3,566	3,423	3,206	2,934
Disabled children [1]	198	271	362	404	420	435	450	463	472
Students, 18-21 years old	206	537	774	865	817	793	733	761	476
Of retired workers	461	546	643	679	661	652	639	633	559
Of deceased workers	2,074	2,688	2,919	2,875	2,780	2,711	2,610	2,546	2,320
Of disabled workers	558	889	1,411	1,528	1,497	1,431	1,358	1,252	1,004
Annual benefits (mil. dol.):									
Children	1,922	3,517	6,643	8,163	8,671	9,416	10,514	11,764	11,302
Under age 18	1,632	2,701	4,823	5,758	5,983	6,682	7,374	8,068	8,312
Disabled children [1]	121	250	537	710	780	892	1,048	1,236	1,387
Students, 18-21 years old	169	566	1,283	1,695	1,908	1,842	2,093	2,461	1,602
Of retired workers	175	303	634	746	921	1,014	1,142	1,321	1,223
Of deceased workers	1,515	2,760	4,888	5,914	6,093	6,608	7,389	8,307	8,204
Of disabled workers	232	454	1,121	1,503	1,657	1,794	1,982	2,136	1,875
Average monthly benefits, Dec. (dollars):									
Children of retired workers	32	45	77	95	106	119	140	161	165
Children of deceased workers	61	82	139	166	182	206	240	271	285
Children of disabled workers	32	39	62	75	83	95	110	123	128

[1] 18 years old and over. Disability began before age 18 and, beginning 1973, before age 22.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin,* and unpublished data.

NO. 626. RAILROAD RETIREMENT AND SURVIVOR BENEFITS: 1960 TO 1982

[For years ending **June 30** except, beginning **1978,** ending **Sept. 30.** See also *Historical Statistics, Colonial Times to 1970,* series H 271-286]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982
Average number of railroad employees	1,000	930	762	650	575	538	555	539	512	457
Retirement and survivor benefits:										
Monthly benefits awarded	1,000	115	85	99	137	87	84	83	83	84
Recipients	1,000	873	980	1,051	1,094	1,101	1,093	1,084	1,074	1,057
Monthly benefits in current payment status (end of year)	1,000	790	889	1,036	1,160	1,204	1,205	1,203	1,203	1,201
Benefit payments	Mil. dol	926	1,118	1,594	3,060	3,988	4,275	4,731	5,287	5,726

Source: U.S. Railroad Retirement Board, *Annual Report.*

No. 627. Indexes of Pensions, Average Weekly Earnings, and Consumer Prices, Selected Countries: 1975 to 1981

[1970=100. Relates to national social security systems. Pensions and wages data refer to average worker in manufacturing; price trend based on annual changes in consumer price index. NA not available]

COUNTRY AND INDEX	1975	1978	1979	1980	1981	COUNTRY AND INDEX	1975	1978	1979	1980	1981
United States:						Japan:					
Pensions	147	178	191	209	239	Pensions	356	697	726	845	792
Wages	143	187	202	216	239	Wages (avg. mo.)	229	300	319	342	364
Prices	139	168	187	212	234	Prices	172	211	219	236	248
Canada:						Netherlands:					
Pensions	151	193	210	229	254	Pensions	198	292	307	322	339
Wages (avg. mo.)	163	222	242	264	295	Wages	192	240	252	265	279
Prices	143	180	197	217	244	Prices	151	183	191	203	217
France:						Sweden:					
Pensions	180	273	299	340	385	Pensions	182	262	301	329	392
Wages	196	279	313	358	407	Wages (hourly)	176	239	264	291	317
Prices	153	200	221	251	285	Prices	147	198	213	242	271
Germany, Fed. Rep.:						Switzerland:					
Pensions	160	209	204	212	221	Pensions	250	263	275	275	275
Wages	150	187	198	210	219	Wages	171	187	193	202	217
Prices	135	150	156	164	174	Prices	145	151	156	163	173
Italy:						United Kingdom:					
Pensions	224	410	489	572	753	Pensions	200	350	390	466	543
Wages (hourly)	296	535	635	773	(NA)	Wages	220	326	375	452	460
Prices	171	265	305	369	441	*Prices*	184	270	306	361	404

Source: U.S. Social Security Administration, unpublished data.

No. 628. Earnings Replacement Rates of Retirement Benefits—Selected Countries: 1969 to 1980

[In percent. Data represent social security old-age pensions at the time of retirement as a percent of earnings in year before retirement for workers with average wages in manufacturing. The replacement rates have not been adjusted to reflect the effect of differences in the treatment of social security benefits under the respective countries' income tax laws. Data for retired couples assume one working spouse and one nonworking spouse]

COUNTRY	SINGLE WORKER						AGED COUPLE					
	1969	1975	1977	1978	1979	1980	1969	1975	1977	1978	1979	1980
United States	30	38	40	41	41	44	44	58	60	61	62	66
Canada	24	33	33	32	33	34	41	47	47	47	48	49
France	41	60	64	67	67	66	56	74	78	79	77	75
Germany, Fed. Rep	55	51	54	54	50	49	55	51	54	54	50	49
Italy	62	61	64	66	66	69	62	61	64	66	66	69
Japan	26	37	53	54	54	54	27	39	57	57	57	61
Netherlands	43	43	45	44	44	44	61	61	65	65	65	63
Sweden	42	57	59	63	68	68	56	73	73	79	79	83
Switzerland	28	40	39	38	37	37	45	60	59	58	56	55
United Kingdom	27	31	28	29	29	31	43	47	43	45	45	47

Source: U.S. Social Security Administration, *Social Security Bulletin*, November 1982.

No. 629. Employee-Employer Payroll Tax Rates For Social Security Programs, by Selected Country: 1979 to 1981

[In percent. Covers old-age, disability and survivors insurance, public health or sickness insurance, workers' compensation, unemployment insurance, and family allowance programs]

COUNTRY	ALL SOCIAL SECURITY PROGRAMS					OLD-AGE, DISABILITY AND SURVIVORS INSURANCE				
	1979, total	1980, total	1981			1979, total	1980, total	1981		
			Total	Employer	Employee			Total	Employer	Employee
United States	16.46	16.81	17.60	10.95	6.65	10.16	10.16	10.70	5.35	5.35
Canada	8.44	8.44	9.52	5.12	4.40	3.60	3.60	3.60	1.80	1.80
France	47.45	48.45	48.55	37.41	11.14	[2] 12.90	[2] 12.90	[2] 13.00	[2] 8.20	[2] 4.80
Germany, Fed. Rep	33.78	34.00	34.75	18.13	16.63	18.00	18.00	18.50	9.25	9.25
Italy	55.34	55.02	55.02	47.57	7.45	23.76	24.46	24.46	17.31	7.15
Japan	20.57	20.57	22.85	12.80	10.05	9.10	9.10	10.60	[3] 5.30	[3] 5.30
Netherlands	50.91	52.29	54.66	29.23	25.63	[4] 28.05	[4] 29.90	[4] 32.45	[4] 12.90	[4] 19.55
Sweden	31.79	32.43	32.76	32.65	.11	20.30	20.80	21.15	21.15	-
Switzerland	17.25	17.50	17.60	8.45	9.15	9.40	9.40	9.40	4.70	4.70
United Kingdom	20.00	20.45	21.45	13.70	7.75	(NA)	(NA)	(NA)	(NA)	(NA)

- Represents zero. NA Not available. [1] Excludes work-injury compensation program. [2] Disability and survivors benefits financed through sickness insurance. [3] Rate for men in non-contracted out plan. [4] Disability insurance also includes work-injury compensation.

Source: U.S. Social Security Administration, Office of International Policy, "Payroll Tax Rates for Social Security Programs, 1980," *mimeo* (November 1980) and unpublished data.

NO. 630. PUBLIC EMPLOYEE RETIREMENT SYSTEMS—BENEFICIARIES AND BENEFITS: 1960 TO 1980

[Number of beneficiaries as of June 30]

YEAR	Unit	Total	LEVEL OF GOVERNMENT				TYPE OF BENEFIT			
			Federal			State and local	Age and service	Disability	Survivor	
			Total [1]	Civil service	Armed Forces				Monthly	Lump-sum
Beneficiaries:										
1960	1,000	1,448	788	515	256	660	977	247	224	(x)
1965	1,000	2,117	1,231	729	481	886	1,472	326	319	(x)
1970	1,000	3,050	1,759	959	773	1,291	2,204	419	427	(x)
1975	1,000	4,428	2,480	1,372	1,073	1,948	3,243	549	636	(x)
1977	1,000	5,006	2,735	1,488	1,208	2,271	3,660	611	735	(x)
1978	1,000	5,275	2,857	1,564	1,252	2,418	3,863	650	763	(x)
1979	1,000	5,535	2,946	1,617	1,286	2,589	4,063	672	801	(x)
1980	1,000	5,873	3,083	1,707	1,330	2,790	4,385	643	845	(x)
Benefits:										
1960	Mil. dol	2,674	1,596	816	732	1,078	1,921	492	185	76
1965	Mil. dol	4,720	2,045	1,384	1,430	1,775	3,520	751	324	125
1970	Mil. dol	9,355	6,075	2,820	3,133	3,280	7,210	1,312	645	189
1975	Mil. dol	21,617	14,592	7,532	6,808	7,025	17,200	2,707	1,439	271
1977	Mil. dol	27,429	18,429	9,626	8,479	9,000	21,795	3,500	1,842	292
1978	Mil. dol	30,869	20,709	10,925	9,420	10,160	24,520	3,904	2,111	334
1979	Mil. dol	35,068	23,578	12,519	10,642	11,490	27,891	4,376	2,434	368
1980	Mil. dol	41,088	28,042	15,065	12,478	13,046	32,582	5,204	2,884	418

X Not applicable. [1] Includes other Federal systems, not shown separately.

NO. 631. PUBLIC EMPLOYEE RETIREMENT SYSTEMS—AVERAGE ANNUAL BENEFITS: 1969 TO 1980

LEVEL OF GOVERNMENT AND TYPE OF BENEFIT	CURRENT DOLLARS					CONSTANT (1980) DOLLARS [1]				
	1969	1970	1975	1979	1980	1969	1970	1975	1979	1980
All recipients, all gov'ts	**$2,713**	**$3,005**	**$4,821**	**$6,269**	**$6,925**	**$5,492**	**$5,824**	**$6,897**	**$6,912**	**$6,925**
Age and service	2,954	3,271	5,304	6,865	7,430	5,980	6,339	7,588	7,569	7,430
Disability	2,850	3,136	4,931	6,511	8,093	5,769	6,078	7,054	7,179	8,093
Survivor	1,362	1,512	2,263	3,039	3,413	2,757	2,930	3,237	3,351	3,413
Federal recipients, total	**3,006**	**3,440**	**5,875**	**7,994**	**9,087**	**6,085**	**6,667**	**8,405**	**8,814**	**9,087**
Age and service	3,628	4,065	6,873	9,221	10,114	7,344	7,878	9,833	10,166	10,114
Disability	2,871	3,174	5,254	7,273	9,578	5,812	6,151	7,516	8,019	9,578
Survivor	1,285	1,446	2,558	3,795	4,376	2,561	2,802	3,660	4,184	4,376
State and local recipients, total	**2,228**	**2,413**	**3,478**	**4,305**	**4,535**	**4,510**	**4,676**	**4,976**	**4,746**	**4,535**
Age and service	2,254	2,452	3,690	4,657	4,907	4,563	4,752	5,279	5,134	4,907
Disability	2,771	2,965	3,867	4,442	4,682	5,609	5,746	5,532	4,897	4,682
Survivor	1,609	1,667	1,719	1,849	1,946	3,257	3,231	2,459	2,039	1,946

[1] Constant dollar figures are based on implicit price deflators for personal consumption expenditures published by U.S. Bureau of Economic Analysis; see table 799.

Source of tables 630 and 631: U.S. Social Security Administration, *Social Security Bulletin*, December 1982, and unpublished data.

NO. 632. FEDERAL CIVIL SERVICE RETIREMENT: 1960 TO 1982

[As of **June 30** or for years ending **June 30** except, beginning **1978**, as of **Sept. 30** or for year ending **Sept. 30**. See text, p. 366. See also *Historical Statistics, Colonial Times to 1970*, series H 262-270]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982
Annuitants, total	1,000	515	729	958	1,372	1,564	1,617	1,675	1,779	1,829
Age and service	1,000	263	360	477	732	825	857	905	973	1,010
Disability	1,000	102	149	185	258	323	333	343	348	348
Survivors	1,000	150	220	296	382	416	427	427	458	471
Receipts, total [1]	Mil. dol	1,761	2,664	4,683	11,377	17,640	20,548	24,389	28,529	31,856
Employee contributions	Mil. dol	760	1,067	1,740	2,554	3,194	3,447	3,686	4,008	4,171
Federal government contributions	Mil. dol	749	1,115	1,952	6,707	11,035	12,865	15,562	18,193	19,443
Disbursements, total [2]	Mil. dol	893	1,438	2,752	7,207	11,014	12,593	14,977	17,779	19,656
Age and service annuitants [3]	Mil. dol	668	1,126	2,129	6,052	9,246	10,571	12,639	15,010	16,406
Survivors	Mil. dol	99	182	389	908	1,423	1,618	1,912	2,265	2,533
Average monthly benefit:										
Age and service	Dollars	216	251	362	620	827	924	992	1,036	1,116
Disability	Dollars	123	154	221	406	562	629	723	756	819
Survivors	Dollars	58	72	116	209	296	336	392	419	463
Cash and security holdings	Bil. dol	10.1	15.6	22.4	38.4	56.3	64.3	73.7	84.4	96.6

[1] Includes interest on investments. [2] Includes refunds, death claims, and administration. [3] Includes disability annuitants.

Source: U.S. Office of Personnel Management, 1960-1978, *Report on Civil Service Retirement, Federal Employees Group Life Insurance, Federal Employees Health Benefits, Retired Federal Employees Health Benefits*, annual; beginning 1979, *Federal Fringe Benefits Facts*, annual.

NO. 633. STATE AND LOCAL GOVERNMENT RETIREMENT SYSTEMS—FINANCES: 1970 TO 1982

[**In millions of dollars.** For fiscal years closed during the 12 months ending June 30]

YEAR AND LEVEL OF GOVERNMENT	RECEIPTS					BENEFITS AND WITHDRAWALS			Cash and security holdings
	Total	Employee contributions	Government contributions		Earnings on investments	Total	Benefits	Withdrawals	
			State	Local					
1970: All systems	9,848	2,788	2,046	2,554	2,460	3,638	3,037	601	54,918
State-administered	7,184	2,149	1,978	1,237	1,821	2,382	1,913	469	39,966
Locally administered	2,664	639	67	1,318	639	1,256	1,124	132	14,952
1975: All systems	18,898	4,488	4,093	5,023	5,294	7,490	6,540	950	98,064
State-administered	14,208	3,552	3,974	2,623	4,059	5,207	4,480	727	74,703
Locally administered	4,690	936	119	2,400	1,236	2,283	2,060	223	23,361
1980: All systems	37,313	6,466	7,581	9,951	13,315	14,008	12,207	1,801	185,226
State-administered	28,603	5,285	7,399	5,611	10,308	10,257	8,809	1,448	144,682
Locally administered	8,710	1,180	181	4,340	3,008	3,752	3,399	353	40,544
1982: All systems	48,961	8,123	9,075	12,733	19,030	17,839	15,680	2,160	245,252
State-administered	37,944	6,674	8,898	6,879	15,492	13,134	11,430	1,704	193,295
Locally administered	11,017	1,449	177	5,853	3,538	4,706	4,250	456	51,958

Source: U.S. Bureau of the Census, *Finances of Employee-Retirement Systems of State and Local Governments*, series GF, No. 2, annual.

NO. 634. ASSETS OF PRIVATE AND PUBLIC PENSION FUNDS, BY TYPE OF FUND: 1970 TO 1982

[**In billions of dollars.** As of **end of year.** Except for corporate equities, represents book value. Excludes Social Security trust funds, see table 621]

TYPE OF PENSION FUND	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total, all types	**310.6**	**302.5**	**365.7**	**427.7**	**465.2**	**531.1**	**598.6**	**727.1**	**793.8**	**931.7**
Private funds	190.4	176.3	219.0	260.9	279.8	317.5	361.2	452.6	485.9	573.4
Insured	56.1	60.8	72.2	89.0	101.5	119.1	139.2	165.8	192.7	228.8
Noninsured [1]	134.3	115.5	146.8	171.9	178.3	198.3	222.0	286.8	293.2	344.6
Corporate equities	90.5	63.3	88.6	109.7	101.9	107.9	123.7	175.8	167.1	200.4
U.S. Government securities	4.4	5.5	10.8	14.7	20.1	22.2	25.0	30.9	40.0	53.5
Corporate bonds [2]	29.5	34.0	35.8	35.5	42.1	48.0	53.7	58.1	61.7	68.1
Other	9.9	12.7	11.8	12.0	14.2	20.3	19.7	22.1	24.4	22.5
Public funds	120.2	126.2	146.7	166.9	185.4	213.6	237.4	274.5	307.9	358.3
State and local government	84.7	88.0	104.8	120.4	132.5	153.9	169.7	198.1	221.7	260.4
Corporate bonds [2]	48.4	54.9	61.8	66.9	72.9	81.9	85.0	94.5	103.6	110.1
Corporate equities	18.3	20.9	23.2	26.4	30.0	32.7	36.8	42.1	49.3	56.8
U.S. Government securities	5.8	6.2	7.8	10.9	16.3	23.4	30.1	40.0	49.2	64.3
Other	12.1	6.0	12.0	16.2	13.2	15.9	17.8	21.4	19.6	29.2
U.S. Government	35.5	38.2	41.9	46.4	52.9	59.8	67.7	76.4	86.2	97.9
Civil service [3]	31.4	34.4	38.5	43.1	50.0	56.7	64.6	73.9	84.8	97.4
Railroad retirement	4.1	3.9	3.4	3.3	2.9	3.1	3.1	2.5	1.4	.5

[1] Covers all pension funds of corporations, nonprofit organizations, unions, and multi-employer groups. Also includes deferred *profit-sharing plans; excludes health, welfare, and bonus plans.* [2] *Includes foreign bonds.* [3] Includes U.S. Foreign Service Retirement and Disability Trust Fund.

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts, Assets and Liabilities Outstanding, 1957–80; Annual Statistical Digest*, and unpublished data.

NO. 635. PENSION PLAN COVERAGE OF CIVILIAN WORKERS BY WAGE OR SALARY INCOME: 1981

[See headnote, table 636]

RACE, SPANISH ORIGIN, SEX, AND AGE	NUMBER WITH COVERAGE (1,000)					PERCENT OF TOTAL CIVILIAN WORKERS				
	Total [1]	$5,000–$9,999	$10,000–$14,999	$15,000–$19,999	$20,000 and over	Total [1]	$5,000–$9,999	$10,000–$14,999	$15,000–$19,999	$20,000 and over
Total [2]	**47,681**	**6,151**	**10,370**	**9,325**	**19,411**	**44.3**	**30.2**	**54.6**	**68.5**	**77.4**
White	42,028	5,124	8,772	8,107	17,963	44.6	29.9	53.6	67.8	77.5
Black	4,607	887	1,366	985	1,059	42.4	32.8	62.3	75.5	79.4
Spanish origin [3]	1,998	384	552	371	576	34.2	24.2	47.1	57.7	72.3
Male [4]	29,367	1,910	4,400	5,587	16,707	50.1	24.3	48.6	65.1	77.1
15–24 yrs. old	2,453	530	765	485	398	17.2	17.6	38.2	51.4	56.5
25–34 yrs. old	8,566	537	1,538	2,013	4,309	52.8	24.1	47.0	61.7	71.8
35–44 yrs. old	7,389	268	766	1,238	5,052	66.3	29.7	50.5	66.7	79.5
45–64 yrs. old	10,474	489	1,264	1,781	6,770	69.4	36.6	59.2	74.9	81.8
Female [4]	18,314	4,241	5,969	3,738	2,704	37.3	33.9	60.0	74.4	79.2
15–24 yrs. old	2,073	719	736	220	57	15.8	23.7	47.4	63.4	46.3
25–34 yrs. old	5,915	1,172	2,007	1,304	900	43.6	34.0	59.8	70.9	75.9
35–44 yrs. old	4,155	922	1,230	914	785	45.0	37.0	60.3	76.7	79.5
45–64 yrs. old	5,852	1,356	1,838	1,259	923	49.4	41.1	67.0	80.6	86.3

[1] Includes workers with income under $5,000, not shown separately. [2] Includes other races, not shown separately. [3] *Persons of Spanish origin may be of any race.* [4] Includes persons 65 years old and over, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 136.

No. 636. Pension Plan and Group Health Insurance Coverage of Civilian Workers, 1980 and 1981, and by Selected Characteristic of Worker, 1981

[**In thousands, except percent.** Covers civilian workers as of **March** of following year who had earnings in year shown. Based on Current Population Survey; see text, p. 2. GHI=Employer or union-provided group health insurance]

TYPE OF COVERAGE	1980, total	1981									
		Total [1]	Male	Female	White	Black	Spanish origin [2]	15–24 years old	25–44 years old	45–64 years old	65 yrs. and over
Total workers	**107,017**	**107,678**	**58,587**	**49,091**	**94,263**	**10,863**	**5,841**	**27,370**	**50,167**	**26,927**	**3,213**
With both GHI and pension	43,877	43,797	28,138	15,659	38,680	4,167	1,830	4,061	24,017	15,056	663
Without GHI or pension	36,600	37,016	16,135	20,881	32,132	4,026	2,389	16,920	12,234	6,010	1,850
With GHI	66,291	66,778	41,223	25,555	58,783	6,397	3,284	9,986	35,926	19,647	1,221
With pension	48,003	47,681	29,367	18,314	42,028	4,607	1,998	4,525	26,024	16,326	805
Percent of workers—											
With both GHI and pension	41.0	40.7	48.0	31.9	41.0	38.4	31.3	14.8	47.9	55.9	20.6
Without GHI or pension	34.2	34.4	27.5	42.5	34.1	37.1	40.9	61.8	24.4	22.3	57.6
With GHI	61.9	62.0	70.4	52.1	62.4	58.9	56.2	36.5	71.6	73.1	38.0
With pension	44.9	44.3	50.1	37.3	44.6	42.4	34.2	16.5	51.9	60.6	25.1

[1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 131 and 136.

No. 637. Protection Against Short-Term Sickness Income Loss: 1960 to 1979

[**In millions of dollars, except percent.** "Short-term sickness" refers to short-term or temporary nonwork-connected disability (lasting not more than 6 months) and the first 6 months of long-term disability. See also *Historical Statistics, Colonial Times to 1970*, series H 115-124]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979
Short-term sickness: Income loss	8,591	11,333	16,757	21,804	23,595	26,447	28,223	32,782	36,020
Total protection provided [1]	**2,430**	**3,349**	**5,872**	**8,232**	**9,002**	**9,819**	**10,546**	**11,733**	**13,350**
Protection as percent of loss	28.3	29.6	35.0	37.8	38.2	37.1	37.4	35.8	37.1
Benefits provided by protection:									
Individual insurance	393	483	694	851	973	881	940	1,210	1,322
Group benefits to workers in private employment	1,211	1,602	2,952	4,144	4,328	4,900	5,282	5,782	6,985
Private cash insurance [2]	638	767	1,476	2,024	2,011	2,267	2,344	2,403	3,216
Publicly operated cash sickness funds [3]	172	269	411	485	538	581	582	609	699
Sick leave	400	566	1,066	1,634	1,779	2,052	2,357	2,770	3,070
Sick leave for government employees	826	1,264	2,225	3,107	3,542	3,868	4,134	4,562	4,873

[1] Provided by individual insurance, group benefits to workers in private employment, and sick leave for government employees. Beginning 1974, includes benefits for the sixth month of disability payable under old-age, survivors, disability, and health insurance program, not shown separately. [2] Group accident and sickness insurance and self-insurance privately written either on a voluntary basis or in compliance with State temporary disability insurance laws in Calif., N.J., and N.Y. Includes a small but undetermined amount of group disability insurance benefits paid to government workers and to self-employed persons through farm, trade, or professional associations. [3] Includes State-operated plans in Rhode Island, California, and New Jersey; State Insurance Fund and special fund for disabled unemployed in New York; and provisions of Railroad Unemployment Insurance Act.

Source: U.S. Social Security Administration, *Social Security Bulletin*, September 1982.

No. 638. Medicare Program—Enrollment and Payments: 1967 to 1981

[Enrollment as of **July 1**; payments for calendar year. Benefit payments represent trust fund outlays. Includes Puerto Rico, outlying areas, and enrollees in foreign countries. See text, p. 365 for explanation of coverage]

TYPE OF INSURANCE	Unit	1967	1970	1974	1975	1976	1977	1978	1979	1980	1981
HOSPITAL INSURANCE											
Enrollment, total	1,000	19,494	20,361	23,924	24,640	25,312	26,094	26,777	27,459	28,067	28,590
Persons aged 65 and over	1,000	19,494	20,361	21,996	22,472	22,920	23,475	23,984	24,548	25,104	25,591
Male	1,000	8,243	8,507	9,005	9,168	9,324	9,537	9,728	9,945	10,156	10,340
Female	1,000	11,251	11,855	12,991	13,304	13,596	13,937	14,256	14,604	14,948	15,250
Disabled persons	1,000	(X)	(X)	1,928	2,168	2,392	2,619	2,793	2,911	2,963	2,999
Male	1,000	(X)	(X)	1,233	1,381	1,514	1,654	1,763	1,837	1,871	1,896
Female	1,000	(X)	(X)	695	788	878	965	1,030	1,073	1,093	1,103
Benefit payments	Mil. dol	3,353	5,124	9,099	11,315	13,340	15,737	17,682	20,623	25,064	30,342
MEDICAL INSURANCE											
Enrollment, total	1,000	17,893	19,584	23,167	23,904	24,614	25,364	26,074	26,757	27,400	27,941
Persons aged 65 and over	1,000	17,893	19,584	21,422	21,945	22,446	22,991	23,531	24,098	24,680	25,182
Male	1,000	7,547	8,132	8,694	8,873	9,047	9,240	9,436	9,645	9,868	10,055
Female	1,000	10,346	11,452	12,727	13,073	13,399	13,751	14,094	14,454	14,813	15,127
Disabled persons	1,000	(X)	(X)	1,745	1,959	2,168	2,373	2,543	2,659	2,719	2,759
Male	1,000	(X)	(X)	1,102	1,231	1,353	1,475	1,582	1,655	1,695	1,724
Female	1,000	(X)	(X)	643	729	816	897	961	1,004	1,025	1,036
Benefit payments	Mil. dol	1,197	1,975	3,318	4,273	5,080	6,038	7,252	8,708	10,635	13,113

X Not applicable.

Source: U.S. Health Care Financing Administration. Published in U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*.

NO. 639. MEDICARE—HOSPITAL UTILIZATION AND HOSPITAL AND PHYSICIAN CHARGES: 1970 TO 1981

[Data reflect date claims approved for payment and cover only claims approved and recorded in Health Care Financing Administration central records before December 31, 1982. Includes Puerto Rico, outlying areas and enrollees in foreign countries]

ITEM	Unit	PERSONS 65 YEARS OLD AND OVER					DISABLED [1]			
		1970	1975	1979	1980	1981	1975	1979	1980	1981
Hospital inpatient care:										
Admissions	1,000	6,141	7,404	8,662	9,259	9,675	850	1,244	1,317	1,375
Per 1,000 enrollees [2]	Rate	304	332	356	372	381	394	429	446	461
Covered days of care	Millions	80	84	91	97	96	9	13	13	14
Per 1,000 enrollees [2]	Rate	3,949	3,786	3,743	3,891	3,873	4,136	4,324	4,500	4,544
Per admission	Days	13.0	11.4	10.5	10.5	10.2	10.5	10.1	10.1	9.9
Hospital charges	Mil. dol	5,940	12,021	22,908	28,097	33,767	1,320	3,257	3,974	4,765
Per day	Dollars	74	142	252	290	344	148	260	299	351
Percent of charges reimbursed	Percent	77.1	75.2	71.3	69.6	68.7	73.1	70.0	68.5	67.9
Physician charges	Mil. dol	[3] 2,157	3,907	7,256	8,800	10,426	344	886	1,078	1,285
Percent reimbursed	Percent	[3] 72.9	74.1	77.4	77.8	78.2	75.6	78.2	78.6	78.8

[1] Coverage not limited with respect to age. [2] Hospital insurance enrollment as of July 1.
[3] Data reflect date paid claims were recorded in Health Care Financing Administration records.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, quarterly, and unpublished data. Also in U.S. Social Security Administration, *Social Security Bulletin*, quarterly.

NO. 640. MEDICARE—PERSONS SERVED AND REIMBURSEMENTS: 1971 TO 1980

[Persons served are enrollees who use covered services, incurred expenses greater than the applicable deductible amounts and for whom Medicare paid benefits. Reimbursements are amounts paid to providers for covered services; excludes dedutibles, coinsurance amounts, and charges for noncovered services. See headnote, table 639]

TYPE OF COVERAGE AND SERVICE	Unit	PERSONS 65 YEARS OLD AND OVER					DISABLED			
		1971	1975	1977	1979	1980	1975	1977	1979	1980
Persons served, total [1]	1,000	9,425	12,032	13,584	15,221	16,271	975	1,321	1,654	1,760
Hospital insurance [1]	1,000	4,416	4,963	5,410	5,698	6,024	475	600	700	728
Inpatient hospital	1,000	4,386	4,913	5,351	5,633	5,951	472	595	694	721
Skilled-nursing services	1,000	239	260	283	247	248	8	10	9	9
Home health services	1,000	167	329	481	601	675	22	34	46	51
Supplementary medical insurance [1]	1,000	9,075	11,762	13,348	15,041	16,099	924	1,270	1,614	1,723
Physicians' and other medical services	1,000	8,601	11,396	12,907	14,582	15,627	865	1,189	1,523	1,631
Outpatient services	1,000	2,171	3,768	4,911	5,928	6,629	399	617	823	909
Home health services	1,000	83	161	224	269	302	13	19	23	25
Persons served per 1,000 enrollees, total	Rate	451	528	570	610	638	450	520	568	594
Hospital insurance	Rate	213	221	231	232	240	219	229	240	246
Inpatient hospital	Rate	212	219	228	230	237	218	227	238	243
Skilled-nursing services	Rate	12	12	12	10	10	4	4	3	3
Home health services	Rate	8	15	21	25	27	10	13	16	17
Supplementary medical insurance	Rate	454	536	581	624	652	471	535	607	634
Physicians' and other medical services	Rate	441	519	561	605	633	442	501	573	600
Outpatient services	Rate	109	172	214	246	269	204	260	310	334
Home health services	Rate	4	7	10	11	12	7	8	9	9
Reimbursements, total	Mil. dol	7,349	12,689	18,098	24,310	29,134	1,509	2,495	3,747	4,478
Hospital insurance	Mil. dol	5,364	9,209	13,179	17,137	20,353	987	1,613	2,341	2,765
Inpatient hospital	Mil. dol	5,156	8,840	12,641	16,477	19,583	966	1,582	2,297	2,714
Skilled-nursing services	Mil. dol	166	233	293	306	331	9	12	13	13
Home health services	Mil. dol	42	136	245	353	440	10	19	31	38
Supplementary medical insurance	Mil. dol	1,986	3,481	4,919	7,173	8,781	522	882	1,406	1,713
Physicians' and other medical services	Mil. dol	1,848	3,050	4,177	6,045	7,361	295	481	810	997
Outpatient services	Mil. dol	125	374	649	997	1,261	221	392	583	701
Home health services	Mil. dol	13	56	92	131	159	5	9	13	16
Reimbursements, per person served, total	Dollars	780	1,055	1,332	1,597	1,791	1,548	1,889	2,235	2,544
Hospital insurance	Dollars	1,215	1,855	2,436	3,007	3,379	2,077	2,688	3,345	3,798
Inpatient hospital	Dollars	1,176	1,799	2,363	2,925	3,291	2,051	2,658	3,312	3,765
Skilled-nursing services	Dollars	694	896	1,037	1,239	1,336	1,049	1,225	1,452	1,571
Home health services	Dollars	251	413	510	588	652	478	572	671	733
Supplementary medical insurance	Dollars	219	296	369	477	545	565	695	871	994
Physicians' and other medical services	Dollars	210	268	324	415	471	341	405	532	611
Outpatient services	Dollars	57	99	132	168	190	554	635	708	771
Home health services	Dollars	161	347	411	488	526	420	496	569	619

[1] Persons are counted once for each type of covered service used, but are not double counted in totals.

Source: U.S. Health Care Financing Administration, *Health Care Financing Program Statistics*, and unpublished data.

No. 641. Medicare and Medicaid—Selected Characteristics of Persons Covered: 1980 and 1981

[**In thousands, except percent.** Represents number of persons as of **March** of following year who were enrolled at any time in year shown. Person did not have to receive medical care paid for by Medicare or Medicaid in order to be counted. For Medicare, covers persons 15 years old and over; for Medicaid covers persons of all ages. See headnote, table 610]

Poverty status	1980, total	1981									
		Total [1]	Male	Female	White	Black	Spanish origin [2]	Under 15 yrs. old	15-44 years old	45-64 years old	65 yrs. and over
MEDICARE											
Persons covered, total	**26,200**	**27,208**	**11,433**	**15,775**	**24,324**	**2,511**	**679**	(x)	**723**	**2,213**	**24,271**
Below poverty level	4,300	4,454	1,394	3,060	3,341	1,028	193	(x)	224	513	3,716
Above poverty level	21,900	22,754	10,039	12,715	20,983	1,483	486	(x)	499	1,700	20,555
Percent of total population	**15.1**	**15.4**	**13.6**	**17.1**	**15.9**	**13.1**	**7.1**	(x)	**.7**	**5.0**	**96.3**
Below poverty level	22.9	21.7	(NA)	(NA)	(NA)	(NA)	(NA)	(x)	1.8	12.6	96.8
Above poverty level	14.1	14.7	(NA)	(NA)	(NA)	(NA)	(NA)	(x)	.5	4.2	96.2
MEDICAID											
Persons covered, total	**18,966**	**19,407**	**7,531**	**11,876**	**12,134**	**6,607**	**2,179**	**6,891**	**7,337**	**2,098**	**3,081**
Below poverty level	11,113	11,687	4,352	7,335	6,432	4,827	1,507	4,927	4,308	1,178	1,274
Above poverty level	7,854	7,720	3,179	4,541	5,702	1,780	672	1,964	3,029	920	1,807
Percent of total population	**8.4**	**8.6**	**6.9**	**10.1**	**6.2**	**24.7**	**16.9**	**13.5**	**6.9**	**4.8**	**12.2**
Below poverty level	39.1	37.8	33.0	41.3	30.9	53.0	44.2	47.3	34.2	28.9	33.2
Above poverty level	4.0	3.9	3.3	4.6	3.3	10.1	7.1	4.8	3.2	2.3	8.5

NA Not available. X Not applicable [1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 131 and 136.

No. 642. Medicare and Medicaid—Summary, by States and Other Areas: 1975 to 1981

[For composition of regions, see fig. I, inside front cover]

Region, division, and state	Medicare			Medicaid [3]		
	Enrollment,[1] 1981 (1,000)	Payments [2] (mil. dol.)		Recipients,[4] 1981 (1,000)	Payments (mil. dol.)	
		1975	1981		1975	1981
Total	**28,590**	**15,588**	**43,455**	**22,073**	**12,292**	**27,284**
U.S.[5]	**27,991**	**15,536**	**43,297**	**20,613**	**12,177**	**27,184**
Regions:						
Northeast	6,629	4,381	11,002	5,335	4,876	9,310
No. Central	7,358	4,112	11,455	4,770	2,841	6,673
South	9,248	4,230	12,650	5,817	2,439	6,415
West	4,729	2,797	8,170	4,691	2,019	4,792
N. Eng	**1,653**	**1,135**	**2,742**	**1,343**	**846**	**1,988**
Maine	159	79	221	146	60	149
N.H	114	53	157	44	28	81
Vt	65	37	86	57	31	71
Mass	778	620	1,441	747	494	1,120
R.I	139	87	225	127	72	187
Conn	398	260	613	222	161	380
Mid. Atl	**4,976**	**3,246**	**8,260**	**3,992**	**4,030**	**7,322**
N.Y	2,335	1,797	4,002	2,241	2,955	5,275
N.J	947	570	1,510	661	366	792
Pa	1,693	879	2,748	1,090	709	1,255
E. No. Cent	**4,982**	**2,863**	**8,136**	**3,597**	**2,204**	**4,869**
Ohio	1,306	691	1,981	857	366	1,005
Ind	651	314	939	222	172	420
Ill	1,354	833	2,423	1,111	682	1,322
Mich	1,046	696	1,898	962	623	1,288
Wis	625	329	894	445	361	834
W. No. Cent	**2,377**	**1,249**	**3,320**	**1,173**	**637**	**1,804**
Minn	518	300	723	324	255	680
Iowa	418	204	528	196	82	274
Mo	706	374	1,038	361	99	375
N. Dak	88	49	130	32	23	62
S. Dak	99	46	121	35	22	68
Nebr	220	105	279	76	54	126
Kans	327	171	500	149	102	219
So. Atl	**4,757**	**2,253**	**6,932**	**2,767**	**1,153**	**2,905**
Del	68	35	98	50	15	52
Md	426	245	759	328	187	349

Division and state or other area	Medicare			Medicaid [3]		
	Enrollment,[1] 1981 (1,000)	Payments [2] (mil. dol.)		Recipients,[4] 1981 (1,000)	Payments (mil. dol.)	
		1975	1981		1975	1981
So. Atl.—Con.						
D.C	74	59	174	121	94	160
Va	564	247	760	331	160	429
W. Va	275	106	340	207	29	125
N.C	687	269	809	382	163	478
S.C	332	119	387	366	76	288
Ga	586	248	753	443	256	535
Fla	1,746	925	2,852	539	173	489
E. So. Cent	**1,847**	**749**	**2,335**	**1,437**	**448**	**1,304**
Ky	461	187	553	413	100	361
Tenn	577	229	738	364	123	424
Ala	488	203	662	331	131	283
Miss	321	131	382	329	94	236
W. So. Cent	**2,644**	**1,229**	**3,382**	**1,613**	**838**	**2,206**
Ark	346	123	422	219	93	274
La	444	183	574	410	143	434
Okla	399	192	512	268	141	353
Tex	1,456	730	1,875	706	461	1,145
Mt	**1,183**	**539**	**1,653**	**442**	**232**	**614**
Mont	96	40	121	49	29	73
Idaho	106	45	120	43	24	58
Wyo	41	16	53	11	5	17
Colo	271	144	376	146	98	216
N. Mex	131	53	169	95	29	89
Ariz	339	158	517	(x)	(x)	(x)
Utah	121	43	138	68	31	99
Nev	77	39	157	30	16	62
Pac	**3,546**	**2,258**	**6,518**	**4,249**	**1,787**	**4,178**
Wash	478	215	610	331	176	424
Oreg	339	162	498	171	74	195
Calif	2,633	1,836	5,266	3,617	1,491	3,403
Alaska	13	6	24	25	9	44
Hawaii	83	39	119	105	37	112
Puerto Rico	363	46	141	1,450	113	98
Outlying areas	8	2	6	10	[6] 2	2
Foreign	228	4	11	(x)	(x)	(X)

X Not applicable. [1] Hospital insurance enrollment as of July. [2] Payments are for calendar year and represent total disbursements from Federal hospital and supplementary medical insurance trust funds. Estimates of distribution by State based on interim reimbursements. [3] 1975 data for fiscal year ending June 30; 1981 data for fiscal year ending Sept. 30. [4] Persons receiving Medicaid at any time during year. [5] Includes data for enrollees with residence unknown. [6] Virgin Islands only.

Source: U.S. Health Care Financing Administration, unpublished data. Medicare data are published in U.S. Social Security Administration, *Annual Report of Board of Trustees, Hospital Insurance* and *Supplementary Medical Insurance Trust Funds.*

No. 643. Medical Assistance (Medicaid)—Recipients and Payments: 1975 to 1981

[For years ending June 30 except, beginning 1977, ending September 30. Includes Puerto Rico and outlying areas]

Basis of eligibility	Recipients (1,000)						Payments (mil. dol.)					
	1975	1977	1978	1979	1980	1981	1975	1977	1978	1979	1980	1981
Total [1]	**22,223**	**22,929**	**22,207**	**21,250**	**21,604**	**22,073**	**12,292**	**16,276**	**17,975**	**20,462**	**23,301**	**27,284**
Age 65 and over	3,659	3,611	3,379	3,296	3,416	3,520	4,649	5,826	6,421	7,645	8,687	9,808
Blindness	109	91	83	80	92	90	83	109	112	123	143	156
Disabled [2]	2,280	2,683	2,637	2,633	2,724	2,875	2,874	4,454	5,125	6,100	7,015	9,293
AFDC [3] program	14,310	14,510	14,203	13,520	14,059	14,683	4,063	4,978	5,344	5,693	6,542	7,448
Children	9,680	9,715	9,500	9,022	9,285	9,587	2,050	2,450	2,677	2,861	3,170	3,619
Adults	4,630	4,795	4,703	4,498	4,774	5,096	2,013	2,528	2,667	2,832	3,372	3,829
Other	*1,864*	*2,036*	*1,905*	*1,721*	*1,507*	*1,346*	623	*909*	*974*	*900*	*914*	*582*

[1] For 1975–1979, recipient data are unduplicated count of persons receiving Medicaid at any time during year. Beginning 1980, recipient data do not add due to small number of recipients that are reported in more than one category. [2] Permanently and totally. [3] Aid to families with dependent children.

No. 644. Medical Vendor Payments (Medicaid), by Type of Service: 1970 to 1981

[**In millions of dollars. 1970** data are for **calendar year; 1973–1976,** years ending **June 30; beginning 1977,** for years ending **Sept. 30.** Medical vendor payments are those made directly to suppliers of medical care. Excludes Arizona, which has no Title XIX (Medicaid) program. Includes Puerto Rico and outlying areas]

Year	Total	Inpatient hospital	Skilled nursing facility	Intermediate care facility	Physicians	Dental [1]	Outpatient hospital [2]	Laboratory [3]	Home health	Prescribed drugs	Family planning	Other care
1970	4,806	1,846	1,362	–	617	200	240	32	17	403	–	89
1973	8,640	3,009	1,959	1,060	926	288	506	105	25	609	–	154
1974	9,982	3,293	2,002	1,585	1,083	366	606	96	31	713	–	208
1975	12,292	3,811	2,446	2,215	1,248	478	766	123	70	832	67	236
1976	14,135	4,466	2,488	2,791	1,389	532	898	147	134	957	87	247
1977	*16,276*	*5,182*	*2,687*	*3,518*	*1,525*	*588*	1,057	177	180	1,027	118	217
1978	17,975	5,639	3,097	4,285	1,596	541	1,028	179	210	1,084	115	200
1979	20,462	6,430	3,368	5,272	1,637	594	1,110	186	264	1,203	109	291
1980	23,301	7,142	3,708	6,200	1,873	658	1,424	121	332	1,321	81	441
1981	27,284	8,125	4,160	7,417	2,106	773	1,772	147	428	1,538	133	684

– Represents zero. [1] Includes other practitioners' services. [2] Includes clinic services. [3] Includes radiological services.

Source of tables 643 and 644: U.S. Health Care Financing Administration, *Health Care Financing Review,* quarterly.

No. 645. Black Lung Benefit Program—Beneficiaries and Payments: 1970 to 1982

[Benefits payable to miners disabled because of pneumoconiosis and to their dependents and survivors as a result of Federal Coal Mine Health and Safety Act of 1969 and subsequent amendments and revisions. Claims by miners or their survivors are handled by the Social Security Administration (SSA) or the Department of Labor, depending upon the date the claim was filed. Claims *filed by a miner by June 30, 1973, and those filed by survivors by December 31, 1973 were processed by* SSA. Benefits under the program as administered by SSA are paid out of Federal general tax revenues. Claims filed by a miner between July 1 and December 31, 1973 and all claims filed after December 1973 were processed by Department of Labor and are paid by either a responsible mine operator or the Department of Labor]

Administrative agency and year	Beneficiaries [1] (1,000)				Payments (*mil.* dol.)	Average monthly payment [1]	
	Total	Miners	Widows	Dependents [2]		Miner's family	Widow's family
SSA: 1970	112	44	25	43	110	$200	$150
1975	482	165	139	177	950	282	207
1980	399	120	147	133	1,030	406	290
1981	*377*	*111*	*146*	*119*	*1,080*	*425*	*304*
1982, total [3]	354	102	145	107	1,075	442	315
Pennsylvania	102	29	45	28	317	433	312
West Virginia	64	20	22	22	186	443	320
Kentucky	43	13	14	16	123	456	322
Virginia	21	6	7	8	61	456	320
Ohio	21	6	9	6	65	437	314
Illinois	19	5	10	4	62	438	311
Department of Labor: 1975	*(NA)*	*(NA)*	*(NA)*	*(NA)*	*10*	[4] 187	[5] 328
1980	138.4	52.9	26.7	58.8	707	[4] 254	[5] 445
1981	163.4	62.8	30.5	70.1	653	[4] 280	[5] 490
1982	174.0	61.7	32.7	79.6	591	[4] 293	[5] 513

NA Not available.
[1] As of end of year. Average monthly payments under Department of Labor portion are for years ending September 30.
[2] Dependent wife or child or surviving child, parent, brother or sister. [3] Includes other States not shown separately.
[4] Data for claimant *with no dependents.* [5] Data for claimant *with 2 dependents.*

Source: U.S. Social Security Administration, *Social Security Bulletin,* monthly; and U.S. Department of Labor, Employment Standards Administration, *Black Lung Benefits Act, Annual Report.*

No. 646. Workers' Compensation Payments: 1960 to 1981

[In millions of dollars, except as indicated. See headnote, table 647. See also *Historical Statistics, Colonial Times to 1970*, series H 332-345]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
Workers covered [1] (mil.)	45	51	59	67	70	72	76	79	79	79
Annual benefits paid	**1,295**	**1,814**	**3,031**	**6,598**	**7,585**	**8,629**	**9,793**	**12,027**	**13,562**	**14,955**
By private carriers [2]	810	1,124	1,843	3,422	3,976	4,629	5,256	6,157	7,023	7,868
From State funds [3]	325	445	755	2,324	2,570	2,750	3,039	4,022	4,333	4,587
Employers' self-insurance [4]	160	244	432	852	1,039	1,250	1,497	1,848	2,206	2,500
Type of benefit:										
Medical/hospitalization	435	600	1,050	2,030	2,360	2,680	2,980	3,520	3,930	4,400
Compensation payments	860	1,214	1,981	4,568	5,204	5,950	6,813	8,507	9,632	10,555
Disability	755	1,074	1,751	3,843	4,394	5,075	5,848	7,232	8,322	9,160
Survivor	105	140	230	725	810	875	965	1,275	1,310	1,395
Percent of covered payroll:										
Workers' compensation costs [5 6]	.93	1.00	1.11	1.32	1.49	1.71	1.86	1.95	1.96	1.84
Benefits [6]	.59	.61	.66	.83	.87	.92	.94	1.01	1.06	1.08

[1] Estimated per month. [2] Net cash and medical benefits paid under standard workers' compensation policies. [3] Net cash and medical benefits paid by competitive and exclusive State funds and by Federal workers' compensation programs, including black lung benefit program beginning 1970. [4] Cash and medical benefits paid by self-insurers, plus value of medical benefits paid by employers carrying workers' compensation policies that exclude standard medical coverage. [5] Premiums written by private carriers and State funds, and benefits paid by self-insurers increased by 5-10 percent to allow for administrative costs. Also includes benefits paid and administrative costs of Federal system for government employees. [6] Excludes programs financed from general revenue—black lung benefits and supplemental pensions in some States.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and unpublished data.

No. 647. Workers' Compensation Payments, by States: 1970 to 1981

[In millions of dollars. Payments represent cash and medical benefits and include insurance losses paid by private insurance carriers (compiled from the *Spectator (Insurance by States . . . of Casualty Lines)*, from reports of State Insurance commissions, and from A. M. Best Co.); net disbursements of State funds (from the *Spectator*, from *Argus Casualty and Surety Chart*, and from State reports), estimated for some States; and self-insurance payments, estimated from available State data. Calendar-year data, except fiscal-year data for Federal civilian and other programs and for a few States with State funds. Includes benefit payments under Longshoremen's and Harbor Workers' Compensation Act and Defense Bases Compensation Act for States in which such payments are made]

STATE	1970	1975	1979	1980	1981	STATE	1970	1975	1979	1980	1981
Total	**3,031**	**6,598**	**12,027**	**13,562**	**14,955**	N.H	7.0	17.4	41.2	48.0	54.9
						N.J	135.0	194.8	296.2	316.4	329.2
Ala	25.2	48.7	96.0	112.4	122.4	N. Mex	11.1	21.1	45.9	54.1	68.8
Alaska	6.9	18.5	52.3	59.7	62.2	N.Y	273.9	406.7	595.2	637.1	688.8
Ariz	39.3	68.0	104.9	119.8	133.1	N.C	29.6	50.8	111.9	130.8	146.8
Ark	20.9	37.9	69.0	82.5	102.2	N. Dak	4.8	7.6	15.2	17.0	18.6
Calif	420.7	791.6	1,465.3	1,627.7	1,809.3	Ohio	197.0	444.7	666.8	776.3	904.9
Colo	23.8	44.2	90.3	114.5	139.5	Okla	29.1	59.7	108.4	133.5	161.3
Conn	39.5	64.0	105.7	132.4	160.6						
Del	5.2	9.8	17.0	20.6	21.7	Oreg	50.6	137.4	249.7	274.9	298.3
						Pa	123.5	205.4	494.6	571.9	656.7
D.C	8.5	26.7	60.3	69.5	78.8	R.I	11.1	18.6	45.2	55.3	64.8
Fla	94.9	264.1	341.9	362.0	400.2	S.C	17.6	32.5	65.8	79.3	90.1
Ga	34.8	77.5	154.3	184.8	215.9	S. Dak	3.0	5.5	11.0	13.1	15.2
Hawaii	13.7	27.1	45.7	59.7	74.8	Tenn	35.3	61.6	114.6	129.1	149.7
Idaho	7.3	20.8	33.8	37.6	41.5	Tex	159.1	360.3	594.3	700.8	808.6
Ill	144.1	238.7	582.8	665.2	658.5						
Ind	43.9	59.7	105.0	109.7	119.4	Utah	7.2	16.3	32.2	39.3	45.7
Iowa	18.6	37.4	81.4	99.0	108.5	Vt	3.8	6.4	13.6	15.3	18.6
Kans	18.2	33.7	70.2	84.5	95.2	Va	30.2	65.9	146.0	173.5	199.5
Ky	26.1	60.5	128.4	160.6	164.2	Wash	62.8	157.4	268.0	324.2	370.5
						W. Va	25.5	75.9	148.5	176.2	201.8
La	63.9	114.6	237.5	300.6	350.9	Wis	44.1	70.0	152.9	171.5	191.5
Maine	7.9	19.7	68.9	81.3	108.8	Wyo	2.2	4.3	12.9	14.1	19.4
Md	38.8	73.4	158.6	186.8	212.9						
Mass	90.4	146.0	241.4	295.8	341.5	Federal programs:					
Mich	197.9	333.7	579.6	626.3	670.4	Civilian employees	119.5	358.8	691.5	776.4	842.1
Minn	46.5	86.0	212.2	257.5	296.6	Black lung benefits [1]	110.0	957.2	1,712.1	1,738.5	1,734.6
Miss	16.2	27.3	51.2	60.3	66.6	Other [2]	12.0	8.7	8.5	8.4	6.5
Mo	41.3	63.6	106.4	123.7	137.5						
Mont	9.6	16.8	33.9	40.9	45.3						
Nebr	9.9	17.9	36.2	42.5	48.8						
Nev	11.4	24.8	55.0	69.1	80.9						

[1] Includes payments by Department of Labor. [2] Primarily payments made to dependents of reservists who died while on active duty in the Armed Forces.

Source: U.S. Social Security Administration, unpublished data.

No. 648. Unemployment Insurance—All Programs and State Programs,

[Includes Puerto Rico; beginning 1978, includes Virgin Islands. Data for State unemployment insurance include unemployment for Federal employees and for ex-servicemen, except as noted. See also table 703 of

Year and state or other area	All regular programs [1]				State unemployment						
					Covered employment [3]			Average weekly—			
						Wages (mil. dol.)		Insured unemployment		Unemployment benefits	
	Initial claims (1,000)	Weeks compensated (1,000)	Average weekly beneficiaries (1,000)	Benefits paid, net [2] (mil.dol.)	Average monthly number of workers [4] (1,000)	Total	Taxable [5]	Number (1,000)	Percent [6]	Current dollars	Percent of weekly wage
1970	16,100	84,319	1,621	4,171	52,814	387,980	182,320	1,805	3.4	50	35.6
1973	13,362	76,229	1,466	4,487	64,645	549,971	253,746	1,632	2.7	59	36.1
1974	19,436	103,178	1,984	6,912	66,696	609,894	265,375	2,262	3.5	64	36.5
1975	25,479	182,835	3,516	19,828	65,411	642,711	265,229	3,986	6.0	70	37.2
1976	20,705	135,000	2,596	16,157	67,890	716,066	303,222	2,991	4.6	75	37.1
1977	20,070	119,526	2,299	13,023	70,830	794,567	323,821	2,655	3.9	79	36.5
1978	18,481	105,326	2,025	9,007	83,173	992,196	412,530	2,359	3.3	84	37.0
1979	20,614	110,202	2,119	9,401	86,613	1,120,585	444,384	2,433	2.9	90	35.9
1980	25,823	153,272	2,947	16,197	86,924	1,228,388	458,885	3,350	3.9	99	37.5
1981	24,329	139,527	2,683	15,298	87,783	1,354,660	478,415	3,048	3.5	107	35.6
1982	**30,598**	**187,440**	**3,605**	**[13] 25,042**	**86,128**	**1,419,018**	**477,305**	**4,061**	**4.6**	**119**	**37.1**
Ala	642	3,058	59	280	1,213	17,414	6,557	67	5.4	80	29.2
Alaska	76	620	12	88	180	5,071	2,211	11	6.8	130	26.0
Ariz	254	1,717	33	191	987	15,635	5,175	40	4.0	100	31.9
Ark	339	1,633	31	159	689	9,250	3,927	39	5.6	96	37.4
Calif	3,602	24,277	467	2,668	9,791	174,647	52,288	517	5.2	100	29.2
Colo	236	1,435	28	203	1,260	21,536	7,104	37	3.0	141	41.5
Conn	388	2,322	45	273	1,396	24,517	8,004	48	3.4	122	36.0
Del	79	461	9	45	251	4,382	1,324	9	3.5	98	29.9
D.C	50	819	16	107	364	7,155	2,144	14	3.9	141	37.2
Fla	566	3,691	71	361	3,578	53,638	19,621	90	2.5	95	33.5
Ga	851	3,478	67	327	2,065	30,732	10,766	70	3.4	96	33.6
Hawaii	94	626	12	77	377	5,528	3,026	13	3.5	130	46.5
Idaho	148	926	18	126	290	4,186	2,305	21	7.0	116	42.1
Ill	1,401	11,622	223	1,974	4,330	77,065	25,096	245	5.5	146	42.2
Ind	782	4,307	83	482	1,909	31,073	9,831	95	4.9	94	30.1
Iowa	318	2,229	43	349	993	14,546	5,986	46	4.4	137	48.2
Kans	222	1,746	34	230	873	13,199	4,281	36	4.0	128	43.4
Ky	513	3,098	60	392	1,069	16,398	6,694	64	5.8	116	39.3
La	427	3,544	68	546	1,535	26,036	8,227	70	4.5	145	42.9
Maine	174	791	15	83	391	5,202	1,897	18	4.7	101	39.5
Md	420	2,936	56	378	1,528	23,928	7,224	66	4.2	116	38.2
Mass	711	4,694	90	539	2,517	40,743	14,474	99	3.9	115	36.7
Mich	1,795	10,512	202	2,006	3,013	56,774	15,221	231	7.2	154	41.2
Minn	384	3,240	62	467	1,619	26,322	9,726	68	4.1	137	43.8
Miss	357	1,662	36	167	742	9,779	3,733	45	5.8	80	30.8
Mo	685	3,301	63	338	1,799	28,342	9,555	79	4.3	94	31.2
Mont	86	583	11	77	249	3,583	2,113	13	5.2	122	43.4
Nebr	104	731	14	67	575	7,967	2,573	16	2.7	97	36.6
Nev	121	906	17	122	388	6,342	3,107	19	4.6	116	36.9
N.H	97	508	10	48	381	5,443	1,929	11	2.8	95	34.7
N.J	833	6,981	134	963	2,929	51,768	19,270	139	4.7	115	33.6
N. Mex	96	718	14	78	427	6,416	2,700	16	3.8	105	35.8
N.Y	1,727	12,558	241	1,238	7,009	129,162	34,884	268	3.8	99	28.2
N.C	1,715	4,755	91	524	2,258	30,892	11,419	107	4.6	104	39.1
N. Dak	60	381	7	48	221	3,193	1,370	8	3.6	128	45.0
Ohio	1,654	11,018	212	1,953	3,879	65,985	19,614	238	5.9	144	43.3
Okla	244	1,362	26	195	1,147	19,009	6,346	33	3.0	137	41.9
Oreg	475	3,092	59	417	903	14,442	6,796	67	7.0	117	37.9
Pa	2,167	14,233	274	2,128	4,307	70,048	22,879	292	6.6	146	45.8
R.I	183	1,063	20	136	376	5,379	2,320	23	5.9	108	39.3
S.C	887	2,691	52	286	1,100	14,907	5,572	62	5.5	94	35.9
S. Dak	41	192	4	20	207	2,563	885	5	2.3	110	46.4
Tenn	876	4,144	80	422	1,602	23,117	8,355	82	5.0	87	31.4
Tex	919	5,254	101	668	5,996	103,609	35,094	122	2.1	127	37.2
Utah	137	1,047	20	144	495	7,711	3,875	23	4.7	130	42.9
Vt	71	450	9	49	191	2,603	912	10	5.0	107	40.8
Va	584	2,331	45	258	1,914	28,513	9,780	49	2.6	108	37.6
Wash	624	4,611	89	699	1,475	25,864	11,591	100	6.5	131	38.2
W. Va	182	1,946	37	276	566	9,416	3,547	42	7.1	130	38.2
Wis	764	4,878	94	770	1,780	27,750	8,391	107	5.9	137	43.2
Wyo	48	396	8	64	205	3,666	1,161	7	3.6	137	38.7
P.R	383	1,582	30	190	652	6,101	4,239	61	8.4	66	36.4
V.I	8	85	2	7	36	475	185	2	4.5	87	33.8

Z Less than $500,000. [1] Includes State programs, Unemployment Compensation for Federal Employees program and Unemployment Compensation for Ex-servicemen program. Represents unduplicated counts. [2] Includes extended benefits payments made under regular State and Federal unemployment insurance programs, the temporary "Federal Supplemental Benefits Program," and the "Special Unemployment Assistance Program." [3] Source: U.S. Bureau of Labor Statistics, *Employment and Wages*, quarterly. 1982 data are preliminary. [4] For pay period including the 12th of the month. [5] Wages subject to unemployment insurance tax, includes State and local government coverage as well as private industry coverage; see text, p. 366. [6] Insured unemployment as percent of average covered employment in preceding year. [7] Weeks compensated divided by first payment. [8] Based on first payments for 12-month period ending June 30.

SUMMARY, 1970 TO 1982, AND BY STATES AND OTHER AREAS, 1982

compensation for State and local government employees where covered by State law; excludes unemployment compensation this *Abstract* and *Historical Statistics, Colonial Times to 1970*, series H 305–317]

INSURANCE									
Weeks compensated for all unemployment (1,000)	Beneficiaries, first payments (1,000)	Average duration of benefits[7] (weeks)	Claimants exhausting benefits: Number (1,000)	Claimants exhausting benefits: As percent of first payment[8]	Contributions collected[9] (mil. dol.)	Benefits paid (mil. dol.)	Funds available for benefits, end of year[10] (mil. dol.)	Average employer contribution rate[11] (percent)	YEAR AND STATE OR OTHER AREA
78,858	6,402	12.3	1,295	24.4	2,507	[12]3,848	11,896	1.3	1970.
71,223	5,329	13.4	1,495	27.7	5,000	4,008	10,934	2.0	1973.
97,803	7,730	12.7	1,926	31.0	5,228	5,975	10,599	2.0	1974.
175,305	11,160	15.7	4,195	37.8	5,227	11,755	4,523	1.9	1975.
127,425	8,560	14.9	3,270	37.8	7,532	8,975	3,361	2.6	1976.
113,244	7,985	14.2	2,850	33.2	9,171	8,357	4,387	2.8	1977.
100,964	7,565	13.3	2,039	26.7	11,212	7,717	9,307	2.8	1978.
106,112	8,074	13.1	2,037	26.7	12,098	8,613	12,470	2.7	1979.
148,952	9,992	14.9	3,072	33.2	11,416	13,761	11,446	2.5	1980.
135,858	9,399	14.5	2,989	32.4	11,678	13,262	11,588	2.4	1981.
185,345	**11,648**	**15.9**	**4,175**	**38.5**	**12,213**	**20,652**	**7,482**	**2.5**	**1982.**
3,005	240	12.5	71	30.3	155	224	7	1.8	Ala.
591	40	14.9	16	41.9	93	71	129	3.0	Alaska.
1,679	108	15.6	37	41.0	64	164	210	1.2	Ariz.
1,613	121	13.3	36	30.8	99	137	−3	2.5	Ark.
24,012	1,327	18.1	528	45.7	1,439	2,233	2,579	2.8	Calif.
1,413	115	12.3	47	50.3	87	194	−3	1.3	Colo.
2,309	175	13.2	34	20.6	184	261	20	2.3	Conn.
455	32	14.4	7	19.6	44	41	19	3.4	Del.
709	31	22.9	16	47.9	47	80	−1	2.2	D.C.
3,663	277	13.2	105	43.9	188	335	848	1.0	Fla.
3,428	318	10.8	101	31.4	148	305	387	1.5	Ga.
610	41	14.7	12	29.3	55	71	106	1.8	Hawaii.
903	59	15.3	28	50.5	47	92	26	2.1	Idaho.
11,541	614	18.8	289	49.2	952	1,576	−25	3.7	Ill.
4,264	307	13.9	123	42.1	271	389	71	2.8	Ind.
2,219	152	14.6	58	38.7	139	282	−63	2.4	Iowa.
1,727	114	15.2	43	43.3	106	207	140	2.5	Kans.
3,052	192	15.9	72	37.9	235	328	1	3.5	Ky.
3,502	204	17.2	78	49.6	182	482	(z)	2.2	La.
785	51	15.4	28	48.6	59	70	17	3.1	Maine.
2,892	177	16.3	61	34.2	102	321	214	1.4	Md.
4,642	285	16.3	87	31.3	470	492	424	3.2	Mass.
10,460	604	17.3	250	40.1	599	1,524	7	4.1	Mich.
3,215	194	16.6	82	46.6	205	400	−11	2.1	Minn.
1,803	130	13.8	40	32.4	108	136	250	2.9	Miss.
3,259	238	13.7	89	38.3	246	302	21	2.6	Mo.
565	41	13.8	17	43.3	45	62	9	2.7	Mont.
723	54	13.4	19	38.0	34	65	70	1.3	Nebr.
899	59	15.4	21	39.6	57	104	116	1.7	Nev.
502	54	9.3	5	9.0	27	46	72	1.4	N.H.
6,920	418	16.6	199	45.9	718	807	87	3.1	N.J.
690	42	16.5	15	40.4	44	68	97	1.7	N. Mex.
12,461	634	19.6	230	37.8	1,087	1,132	768	3.1	N.Y.
4,726	432	11.0	89	21.5	196	449	392	1.6	N.C.
375	28	13.6	10	40.9	37	46	10	2.7	N. Dak.
10,950	616	17.8	256	43.5	555	1,496	−51	2.9	Ohio.
1,345	120	11.2	43	57.7	59	180	107	.8	Okla.
3,054	171	17.9	70	39.0	195	336	151	2.9	Oreg.
14,130	765	18.5	210	30.3	948	1,824	−1	4.1	Pa.
1,058	69	15.4	25	37.1	95	107	25	4.1	R.I.
2,675	227	11.8	61	29.9	107	239	48	1.9	S.C.
188	15	12.5	3	19.7	16	19	8	1.8	S. Dak.
3,977	262	15.2	86	33.1	201	324	6	2.5	Tenn.
5,209	422	12.3	110	44.3	229	634	1	.6	Tex.
1,016	65	15.5	24	42.8	69	122	6	1.8	Utah.
447	30	14.9	7	24.1	30	43	4	3.2	Vt.
2,299	210	10.9	57	26.7	255	240	10	1.8	Va.
4,550	250	18.2	91	37.4	348	526	141	3.0	Wash.
1,938	123	15.8	35	35.2	166	234	−8	4.6	W. Va.
4,851	311	15.6	123	39.7	222	629	−17	2.7	Wis.
391	29	13.4	9	47.8	26	61	43	2.3	Wyo.
1,572	53	29.8	23	32.3	123	135	23	3.0	P.R.
84	4	20.3	2	42.6	5	7	(−z)	3.2	V.I.

[9] Contributions from employers; also employees in States which tax workers. [10] Sum of balances in State clearing accounts, benefit-payment accounts, and State accounts in Federal unemployment trust funds. Minus sign (−) indicates deficit.
[11] As percent of taxable wages. [12] Includes payments under State (not Federal) temporary extended unemployment insurance provisions. [13] Includes railroad benefits not distributed by State.

Source: Except as noted, U.S. Employment and Training Administration, *Unemployment insurance Statistics*, monthly, and *Annual Report of the Secretary of Labor.*

NO. 649. PERSONS WITH WORK DISABILITY BY SELECTED CHARACTERISTICS: 1982

[**In thousands, except percent.** As of **March.** Covers civilian noninstitutional population and members of Armed Forces living off post or with their families on post. Persons are classified as having a work disability if they (1) have a health problem or disability which prevents them from working or which limits the kind or amount of work they can do; (2) have a service-connected disability or ever retired or left a job for health reasons; (3) did not work in survey reference week or previous year because of long-term illness or disability; or (4) are under age 65, and are covered by Medicare or receive Supplemental Security Income. Based on Current Population Survey; see text, p. 2 and Appendix III]

AGE AND PARTICIPATION STATUS IN ASSISTANCE PROGRAMS	Total [1]	Male	Female	White	Black	Spanish origin [2]
Persons with work disability	**13,102**	**6,697**	**6,405**	**10,657**	**2,214**	**696**
16-24 years old	1,205	618	587	932	251	78
25-34 years old	1,947	1,035	912	1,541	372	126
35-44 years old	*1,942*	*992*	*950*	*1,553*	*348*	*116*
45-54 years old	2,735	1,378	1,357	2,211	472	151
55-64 years old	5,273	2,674	2,599	4,420	771	226
Percent work disabled of total population	**8.9**	**9.3**	**8.5**	**8.4**	**13.4**	**8.0**
16-24 years old	3.3	3.4	3.1	3.0	5.0	3.0
25-34 years old	5.0	5.4	4.7	4.7	8.4	4.8
35-44 years old	7.1	7.4	6.8	6.5	12.1	7.4
45-54 years old	12.3	12.8	11.7	11.3	20.8	13.8
55-64 years old	24.1	26.2	22.3	22.6	40.0	28.4
Percent of work disabled—						
Receiving Social Security income	30.4	32.6	28.1	31.3	26.8	26.9
Receiving food stamps	20.8	16.1	25.8	15.3	46.9	36.9
Covered by Medicaid	19.8	13.8	26.1	16.1	37.0	34.6
Residing in public housing	3.9	2.4	5.3	2.2	11.5	7.5
Residing in subsidized housing	1.7	1.2	2.2	1.4	3.2	2.7

[1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-23, No. 127.

NO. 650. VOCATIONAL REHABILITATION—SUMMARY: 1960 TO 1981

[**In thousands, except as indicated.** *For years ending* **June 30** *except beginning* **1977,** *for years ending* **Sept. 30.** *Vocational* rehabilitation of the disabled defined as restoration, preservation, or development of the ability to function in productive activity. Rehabilitation services provided by State agencies with matching State and Federal funds include medical restoration, training, counseling, guidance, and placement services. See also *Historical Statistics, Colonial Times to 1970,* series H 392-397]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981
Referred and extended evaluation cases processed	[1]258	[1]396	765	1,164	998	959	913	903	866
Percent accepted into program	49	50	54	46	44	44	45	46	43
Federal and State expenditures (mil. dol.)[2]	79	154	558	867	956	986	[3]1,063	[4]1,076	1,118
Federal expenditures (mil. dol.)	*48*	*94*	*432*	*673*	*733*	*755*	*813*	[4]*817*	*850*
Percent of total expenditures	61	61	77	78	77	77	76	[4]76	76
Total persons rehabilitated [5]	**88.3**	**134.9**	**267.0**	**324.0**	**291.2**	**294.4**	**288.3**	**277.1**	**255.9**
Rehabilitation rate [6]	75	76	77	70	64	65	65	64	62
Disability:									
Amputation or missing members	8.6	9.0	9.5	7.7	7.0	7.3	7.3	7.2	6.4
Orthopedic impairments	27.0	36.9	45.7	52.7	52.7	58.4	60.0	60.0	56.3
Blindness and other visual	9.4	13.1	22.4	27.4	26.2	27.6	26.2	24.5	23.2
Deafness and other hearing	5.4	8.1	14.3	15.9	16.2	16.9	17.5	18.7	17.3
Mental illness	5.4	17.2	51.3	73.5	60.8	60.7	58.1	53.4	48.5
Mental retardation	2.9	10.2	30.4	38.3	34.2	36.2	34.7	32.3	29.1
Substance abuse	.3	1.1	12.0	19.3	17.3	17.5	17.3	16.7	15.3
Digestive system disorders	(NA)	(NA)	23.0	21.7	16.8	16.3	14.6	14.0	11.0
Genito-urinary system disorders	(NA)	(NA)	7.8	9.3	8.8	9.1	8.6	8.3	6.5
Other disabilities	29.2	39.2	40.2	44.1	39.5	41.6	41.9	40.0	36.2
Type of job placement:									
Professional, technical, managerial [7]	7.5	11.6	24.5	36.4	34.4	37.1	36.1	36.6	32.7
Clerical and sales [7]	15.2	20.9	40.0	46.3	41.2	45.4	46.2	45.6	41.4
Service	17.0	27.9	57.8	64.6	54.8	56.5	55.2	54.1	49.4
Agriculture, fishing, etc	7.0	7.6	9.2	9.5	7.9	8.2	7.8	7.7	6.9
Industrial	29.4	31.2	78.0	95.2	84.2	90.6	88.6	76.9	67.9
Homemakers [8]	12.1	21.6	42.5	53.7	46.2	43.9	42.7	43.5	41.0
Persons served, total [9]	**298**	**441**	**876**	**1,244**	**1,205**	**1,168**	**1,128**	**1,095**	**1,038**

NA Not available. [1] Referred cases only. [2] Includes expenditures only, under the basic support provisions of the Rehabilitation Act. [3] Includes estimates for the separate agencies for the blind in Idaho and New Jersey. [4] Estimates based on amounts appropriated. [5] Persons rehabilitated and gainfully employed. Includes persons not reporting type of disability or job placement. [6] Persons rehabilitated as a percent of all active case closures (whether rehabilitated or not). [7] Includes vending stand personnel. [8] Includes unpaid family workers. [9] Includes active cases accepted during year plus active cases on hand at beginning of year.

Source: U.S. Dept. of Education, Rehabilitation Services Administration, *Characteristics of Clients Rehabilitated, Caseload Statistics of State Vocational Rehabilitation Agencies in Fiscal Years,* and *State Vocational Rehabilitation Agency Program Data in Fiscal Years,* all annual.

NO. 651. PUBLIC AID—RECIPIENTS OF AND AVERAGE MONTHLY CASH PAYMENTS UNDER SUPPLEMENTAL SECURITY INCOME AND PUBLIC ASSISTANCE: 1960 TO 1982

[**In thousands, except as indicated.** As of **December,** except as noted. SSI: Supplemental security income. SSI data are for federally administered payments only; see text, p. 366. Excludes vendor payments for medical care (i.e., payments made directly to suppliers of medical care). Beginning 1974, Federal SSI program replaced Federal grants for aid to the aged, blind, and disabled in the 50 States and D.C.; such grants continued for Puerto Rico, Guam, and Virgin Islands. Residents of Northern Mariana Islands became eligible for SSI in 1978. Public assistance data for all years include Puerto Rico, Guam, and Virgin Islands. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series H 355-367]

PROGRAM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Recipients of payments:											
SSI, total [1]	(X)	(X)	(X)	4,314	4,236	4,238	4,217	4,150	4,142	4,019	3,858
Percent also receiving Social Security	(X)	(X)	(X)	52.7	51.9	51.9	51.7	51.4	51.0	50.2	49.4
Male	(X)	(X)	(X)	1,532	1,483	1,472	1,454	1,423	1,423	1,380	1,321
Female	(X)	(X)	(X)	2,770	2,745	2,759	2,757	2,722	2,715	2,635	2,534
White	(X)	(X)	(X)	2,755	2,673	2,758	2,733	2,664	2,636	2,517	2,335
Black	(X)	(X)	(X)	1,120	1,101	1,156	1,153	1,141	1,138	1,105	1,043
Aged	(X)	(X)	(X)	2,307	2,148	2,051	1,968	1,872	1,808	1,678	1,549
Blind	(X)	(X)	(X)	74	76	77	77	77	78	79	77
Disabled	(X)	(X)	(X)	1,933	2,012	2,109	2,172	2,201	2,256	2,262	2,231
Old-age assistance [2]	2,330	2,105	2,061	18	19	19	19	19	19	19	19
Aid to the blind [2]	107	92	80	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Aid to permanently, totally disabled [2]	359	536	877	17	17	18	19	20	21	22	22
AFDC: [3]											
Families	803	1,054	2,552	3,568	3,586	3,553	3,489	3,560	3,843	3,633	3,598
Recipients [4]	3,073	4,396	9,659	11,404	11,211	10,796	10,349	10,379	11,101	10,613	10,495
Children	2,370	3,316	7,033	8,105	7,909	7,582	7,226	7,207	7,599	7,125	(NA)
General assistance cases	431	310	547	692	685	654	620	696	796	861	(NA)
Average monthly payments (dol.):											
SSI, total	(X)	(X)	(X)	114	120	125	130	156	168	183	196
Aged	(X)	(X)	(X)	91	94	97	100	123	128	138	146
Blind	(X)	(X)	(X)	147	153	159	164	212	213	228	242
Disabled	(X)	(X)	(X)	141	146	150	155	182	198	214	229
Old-age assistance [2]	58	63	75	21	21	22	22	42	39	41	(NA)
Aid to the blind [2]	67	78	102	15	16	17	19	39	36	43	(NA)
Aid to permanently, totally disabled [2]	55	65	95	15	15	16	17	38	35	40	(NA)
AFDC: [3]											
Families	108	137	190	229	241	250	256	271	288	301	310
Recipients	28	33	50	72	77	82	86	93	100	103	106
General assistance cases	72	69	112	144	154	156	157	157	161	(NA)	(NA)

NA Not available. X Not applicable. Z Fewer than 500. [1] Includes items not shown separately. [2] Average monthly recipients and payments for the year. [3] Aid to Families with Dependent Children program. [4] Includes the children and one or both parents, or one caretaker relative other than a parent, in families where the needs of such adults were considered in determining the amount of assistance.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin; Social Security Bulletin,* monthly; and *Public Assistance Statistics,* monthly.

NO. 652. PUBLIC AID PAYMENTS: 1960 TO 1982

[**In millions of dollars.** See headnote, table 651. Supplemental Security Income data cover federally- and State-administered payments. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series H 346-354]

PROGRAM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Payments, total	3,276	4,023	8,443	16,313	17,499	18,222	18,577	19,477	21,994	(NA)	(NA)
Supplemental Security Income	(X)	(X)	(X)	5,878	6,066	6,306	6,552	7,075	7,941	8,593	8,981
Aged	(X)	(X)	(X)	2,605	2,508	2,448	2,433	2,526	2,734	2,818	2,824
Blind	(X)	(X)	(X)	131	138	146	152	166	190	206	217
Disabled	(X)	(X)	(X)	3,142	3,422	3,709	3,966	4,381	5,014	5,566	5,909
Public assistance	3,276	4,023	8,443	10,435	11,433	11,916	12,025	12,402	14,048	(NA)	(NA)
Old-age assistance	1,630	1,601	1,862	5	5	5	5	9	9	9	(NA)
Blind	86	85	98	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(NA)
Permanently, totally disabled	237	418	1,000	3	3	3	4	9	9	10	(NA)
Families with dependent children	1,001	1,660	4,853	9,211	10,141	10,604	10,730	11,069	12,475	12,981	(NA)
Emergency assistance [1]	(X)	(X)	11	78	56	66	81	84	113	124	(NA)
General assistance	322	259	618	1,138	1,228	1,238	1,205	1,231	1,442	(NA)	(NA)

NA Not available. X Not applicable. Z Less than $500,000. [1] Emergency assistance initiated in 1968.

Source: U.S. Social Security Administration, *Social Security Bulletin,* monthly; and *Public Assistance Statistics,* monthly.

No. 653. Public Aid—Recipients of Aid to Families With Dependent Children (AFDC) and Supplemental Security Income (SSI), States and Other Areas: 1970 to 1982

[In thousands, except percent. As of December, except as noted. For explanation of methodology, see Appendix III. For composition of regions, see fig. I, inside front cover]

Region, division and state or other area	AFDC					SSI[2]					Public aid[4] recipients as percent of population	
	Total recipients[1]				Recipient families, 1982	1975	1980	1982				
	1970	1975	1980	1982				Total[3]	Aged	Disabled	1975	1982
Total[5]	**9,659**	**11,404**	**11,101**	**10,495**	**3,598**	**4,314**	**4,142**	**3,858**	**1,549**	**2,231**	(x)	(x)
U.S.	**9,368**	**11,189**	**10,923**	**10,303**	**3,541**	**4,314**	**4,142**	**3,857**	**1,548**	**2,231**	**7.1**	**6.0**
Regions:												
Northeast	2,691.0	3,007.5	2,862.7	2,576.4	871.3	843.6	812.5	750.5	272.4	463.9	7.7	6.7
No. Central	1,966.2	3,063.9	3,032.5	3,024.6	1,001.8	725.7	656.6	614.5	193.8	408.7	6.4	6.0
South	2,565.9	3,047.4	2,883.0	2,575.7	931.1	1,862.0	1,757.8	1,648.6	742.4	876.3	7.1	5.3
West	2,144.9	2,070.2	2,144.4	2,125.9	736.5	882.6	914.4	843.4	339.7	482.3	7.4	6.5
N. Eng	**480.2**	**666.8**	**647.1**	**517.8**	**182.3**	**211.3**	**198.0**	**179.2**	**79.1**	**94.1**	**7.2**	**5.7**
Maine	51.7	68.2	57.7	47.6	16.5	24.8	21.6	19.9	8.0	11.7	9.7	5.9
N.H	15.1	27.2	23.6	19.2	7.1	[6] 5.6	[6] 5.4	[6] 5.1	[6] 1.7	[6] 3.3	3.9	2.6
Vt	14.8	24.0	24.3	20.4	6.9	9.2	8.9	8.5	3.1	5.3	6.5	5.8
Mass	256.1	358.9	347.8	258.8	92.6	132.3	123.6	108.3	54.6	48.7	8.5	6.6
R.I	46.1	53.8	54.0	44.9	15.8	16.2	15.0	14.3	5.2	8.9	7.3	6.4
Conn	96.4	134.7	139.7	126.9	43.4	[6] 23.3	[6] 23.4	[6] 23.1	[6] 6.5	[6] 16.2	4.9	4.7
Mid. Atl	**2,210.8**	**2,340.7**	**2,215.6**	**2,058.6**	**689.0**	**632.3**	**614.5**	**571.2**	**193.3**	**369.8**	**7.9**	**7.1**
N.Y	1,226.3	1,246.9	1,109.6	1,080.3	361.1	403.1	365.5	336.5	116.5	216.1	9.0	7.9
N.J	419.0	451.9	468.6	394.2	131.3	81.3	85.8	82.7	29.0	52.5	7.2	6.4
Pa	565.5	639.9	637.4	584.1	196.6	147.9	163.2	152.0	47.8	101.2	6.5	6.2
E. No. Cent	**1,477.9**	**2,416.6**	**2,418.5**	**2,480.0**	**808.9**	**499.5**	**466.3**	**439.2**	**126.1**	**304.9**	**6.9**	**6.8**
Ohio	336.7	577.7	572.3	608.9	203.5	131.9	119.3	113.1	28.5	82.2	6.4	6.4
Ind	113.9	176.3	170.2	162.9	56.3	44.3	[6] 41.4	[6] 39.7	[6] 12.1	[6] 26.4	3.9	3.6
Ill	483.6	803.2	691.4	726.7	232.7	[6] 137.5	[6] 123.6	[6] 117.2	[6] 30.1	[6] 85.1	8.4	7.2
Mich	445.1	675.6	752.6	729.5	233.1	119.9	113.8	108.1	31.1	75.1	8.3	9.1
Wis	96.6	183.8	232.0	252.0	83.3	66.0	68.3	61.2	24.3	35.9	5.2	6.3
W. No. Cent	**488.3**	**647.3**	**614.0**	**544.6**	**192.9**	**226.2**	**190.3**	**175.3**	**67.7**	**103.9**	**5.1**	**4.0**
Minn	99.3	130.0	145.6	133.2	46.1	[6] 39.2	[6] 31.9	[6] 29.4	[6] 10.5	[6] 18.3	4.2	3.8
Iowa	74.5	94.5	111.3	98.5	35.8	28.8	25.6	24.2	9.0	14.2	4.1	3.9
Mo	175.3	273.1	215.7	177.1	63.4	[6] 100.8	[6] 84.4	[6] 76.8	[6] 32.1	[6] 43.4	7.7	5.1
N. Dak	12.1	13.6	13.1	10.3	3.8	[6] 8.0	[6] 6.3	[6] 5.8	[6] 2.6	[6] 3.1	3.4	2.4
S. Dak	19.4	25.0	18.8	16.7	6.0	9.0	8.0	7.4	3.0	4.2	5.0	3.4
Nebr	37.4	37.0	37.5	36.9	13.6	[6] 16.4	[6] 13.7	[6] 12.8	[6] 4.3	[6] 8.3	3.5	3.1
Kans	70.3	74.1	72.0	69.9	24.2	24.0	20.4	18.9	6.3	12.3	4.1	3.4
So. Atl	**1,202.7**	**1,494.2**	**1,463.4**	**1,342.7**	**500.6**	**749.4**	**744.4**	**708.5**	**291.1**	**403.9**	**6.6**	**5.3**
Del	26.0	31.7	34.2	28.3	10.1	7.0	7.2	6.7	2.1	4.4	6.5	5.7
Md	160.9	218.2	220.3	192.0	70.0	48.5	48.3	46.0	14.0	31.4	6.3	5.5
D.C	61.0	103.6	82.0	57.4	22.3	15.8	15.1	14.4	3.8	10.4	16.8	11.5
Va	117.5	180.2	175.9	160.7	60.1	[6] 77.5	[6] 80.6	[6] 77.6	[6] 30.6	[6] 45.6	5.0	4.3
W. Va	99.9	74.3	80.0	77.5	27.7	[6] 43.6	[6] 41.0	[7] 39.0	[7] 11.4	[7] 27.0	6.2	5.6
N.C	146.9	192.0	201.8	170.8	68.0	[6] 150.5	[6] 140.6	[6] 131.7	[6] 55.5	[6] 73.3	6.0	5.0
S.C	71.4	136.6	156.1	135.4	50.0	[6] 82.4	[6] 83.4	[6] 79.5	[6] 33.6	[6] 44.1	7.5	6.7
Ga	260.4	309.5	233.7	239.2	88.9	165.4	154.5	145.3	62.1	80.3	10.4	6.7
Fla	258.7	246.1	279.4	281.4	103.5	158.7	173.6	168.3	78.0	87.5	4.8	4.1
E. So. Cent	**611.2**	**762.6**	**703.6**	**602.8**	**219.7**	**508.5**	**470.1**	**445.2**	**207.1**	**230.5**	**9.0**	**7.1**
Ky	139.2	197.9	175.1	150.2	56.6	[6] 98.2	[6] 93.7	[6] 89.1	[6] 35.0	[6] 52.1	7.8	6.5
Tenn	168.9	212.0	173.9	151.1	57.7	138.7	130.6	122.6	51.9	68.7	8.1	5.8
Ala	164.3	166.5	178.3	155.1	55.1	[6] 146.5	[6] 134.1	[6] 125.9	[6] 66.0	[6] 58.0	8.5	7.2
Miss	138.8	186.2	176.3	146.4	50.3	125.0	111.8	107.7	54.3	51.6	13.0	10.0
W. So. Cent	**752.0**	**790.6**	**716.0**	**630.2**	**210.8**	**604.2**	**543.3**	**494.8**	**244.3**	**241.9**	**6.6**	**4.4**
Ark	60.2	108.6	85.0	62.8	22.0	88.5	77.8	70.7	36.1	33.2	9.1	6.0
La	253.8	232.6	219.0	196.6	64.8	151.6	136.5	123.3	53.9	67.4	9.9	7.3
Okla	106.8	88.4	92.0	69.1	23.8	[6] 84.1	[6] 67.3	[6] 59.4	[6] 27.6	[6] 30.8	6.5	4.0
Tex	331.2	361.0	320.0	301.7	100.2	[7] 280.0	[7] 261.7	[7] 241.4	[7] 126.6	[7] 110.6	5.2	3.4
Mt	**308.0**	**322.3**	**301.7**	**289.1**	**102.7**	**125.5**	**116.2**	**110.2**	**40.0**	**67.9**	**4.5**	**3.2**
Mont	18.1	19.7	19.9	17.3	6.3	8.4	6.8	6.5	1.9	4.5	3.9	2.8
Idaho	18.8	19.7	20.3	18.3	6.8	[6] 8.8	[6] 7.5	[6] 7.2	[6] 2.2	[6] 5.0	3.4	2.6
Wyo	6.5	6.4	7.0	6.9	2.7	2.5	[6] 1.8	[6] 1.7	[6] .6	[6] 1.0	2.4	1.6
Colo	91.6	95.0	81.0	83.4	28.6	[6] 35.4	[6] 30.5	[6] 28.2	[6] 10.7	[6] 17.1	5.1	3.4
N. Mex	57.7	60.0	56.2	48.4	17.7	[6] 26.6	[6] 25.4	[6] 24.1	[6] 9.2	[6] 14.4	7.5	5.4
Ariz	60.8	68.3	59.8	64.7	23.2	[6] 28.2	[6] 29.6	[6] 28.5	[6] 10.1	[6] 17.8	4.3	3.1
Utah	38.9	37.4	43.7	36.7	12.5	[6] 9.3	[6] 7.8	[6] 7.5	[6] 2.0	[6] 5.3	3.5	2.7
Nev	15.6	15.6	13.8	13.4	4.9	6.2	6.8	6.6	3.2	2.9	3.2	2.2
Pac	**1,836.9**	**1,747.9**	**1,842.7**	**1,836.8**	**633.8**	**757.1**	**798.2**	**733.2**	**299.8**	**414.4**	**8.4**	**7.6**
Wash	149.8	144.2	173.3	144.2	54.3	53.0	45.3	42.5	12.6	29.3	5.3	4.2
Oreg	102.7	110.2	94.0	73.5	27.4	[6] 26.0	[6] 22.2	[6] 21.8	[6] 6.4	[6] 14.9	5.5	3.7
Calif	1,542.4	1,428.8	1,498.2	1,553.6	529.7	665.5	717.5	656.2	275.2	363.2	9.4	8.8
Alaska	9.6	10.6	15.9	10.7	4.6	[6] 3.0	[6] 3.1	[6] 2.9	[6] 1.1	[6] 1.8	3.8	3.5
Hawaii	32.4	54.1	61.3	54.8	17.8	9.6	10.2	9.8	4.5	5.2	6.7	6.5
P.R	287.6	208.1	169.7	184.7	54.8	(x)	(x)	(x)	(x)	(x)	(x)	(x)
Guam	2.3	3.3	5.3	4.4	1.3	(x)	(x)	(x)	(x)	(x)	(x)	(x)
V. I	2.2	3.9	3.4	3.7	1.3	(x)	(x)	(x)	(x)	(x)	(x)	(x)
N. Mariana	(x)	(x)	(x)	(x)	(x)	(x)	[7] 6	[7] 6	[7] 4	[7] 3	(x)	(x)

X Not applicable. [1] See footnote 4, table 651. [2] Covers persons with Federal Supplemental Security Income (SSI) payments and/or federally-administered State supplementation, except as noted. See text, p. 366. [3] Includes blind recipients. [4] Data compiled by U.S. Bureau of the Census. Total recipients as of June of AFDC and of Federal SSI as percent of resident population. For population figures used, see table 11. [5] SSI totals include small number of recipients whose residence was "unknown." [6] Data for persons with Federal SSI payments only; State has State-administered supplementation. [7] Data for persons with Federal SSI payments only; State supplementary payments not made.

Source: U.S. Social Security Administration, *Social Security Bulletin*, monthly.

No. 654. Public Aid—Payments Under Aid to Families With Dependent Children (AFDC) and Supplemental Security Income (SSI), States and Other Areas: 1970 to 1982

[Data for SSI cover Federal SSI payments and/or federally-administered State supplementation, except as noted. See text, p. 366 and Appendix III. For composition of regions, see fig. I, inside front cover]

Region, division, and state or other area	AFDC							SSI				
	Payments for year (mil. dol.)				Average monthly payment per family			Payments for year (mil. dol.)			Avg. mo. payment, Dec. 1982	
	1970	1975	1980	1981	1975	1980	1981	1975	1980	1982	Aged	Disabled
Total	**4,853**	**9,211**	**12,475**	**12,981**	**$219**	**$280**	**$282**	[1] 5,716.1	[1] 7,714.6	[1] 8,705.5	**$146**	**$229**
U.S	**4,822**	**9,179**	**12,409**	**12,902**	(NA)	(NA)	(NA)	**5,714.9**	**7,689.8**	**8,704.5**	(NA)	(NA)
Regions:												
Northeast	1,921	3,180	3,864	3,781	(NA)	(NA)	(NA)	1,323.0	1,615.4	1,817.1	(NA)	(NA)
No. Central	981	2,610	3,535	3,809	(NA)	(NA)	(NA)	859.7	1,097.1	1,262.6	(NA)	(NA)
South	764	1,514	1,892	1,939	(NA)	(NA)	(NA)	2,009.9	2,682.2	3,133.0	(NA)	(NA)
West	1,156	1,875	3,118	3,373	(NA)	(NA)	(NA)	1,522.3	2,295.1	2,491.8	(NA)	(NA)
N. Eng	**348**	**685**	**910**	**930**	(NA)	(NA)	(NA)	**325.5**	**356.3**	**392.7**	(NA)	(NA)
Maine	22	48	60	59	170	233	237	26.4	28.6	33.2	84	189
N.H	8	24	27	27	232	271	266	[2] 5.1	[2] 7.8	[2] 9.7	104	202
Vt	9	21	32	40	261	340	397	12.7	15.7	18.1	126	227
Mass	212	415	510	516	309	341	355	234.8	240.8	254.4	150	255
R.I	29	47	72	79	241	325	345	19.6	24.6	29.3	126	213
Conn	68	130	209	209	268	358	354	[2] 26.9	[2] 38.8	[2] 48.0	131	210
Mid. Atl	**1,573**	**2,495**	**2,954**	**2,851**	(NA)	(NA)	(NA)	**997.5**	**1,259.1**	**1,424.4**	(NA)	(NA)
N.Y	947	1,448	1,623	1,551	325	371	352	687.7	790.7	879.9	174	255
N.J	265	437	560	534	274	311	293	106.1	156.4	197.7	165	239
Pa	361	610	771	766	268	297	291	203.7	312.0	346.8	134	231
E. No. Cent	**734**	**2,131**	**2,838**	**3,063**	(NA)	(NA)	(NA)	**625.9**	**827.4**	**949.6**	(NA)	(NA)
Ohio	152	405	561	616	190	250	246	156.0	200.3	235.6	118	209
Ind	40	105	139	145	161	203	203	41.7	[2] 59.5	[2] 73.0	107	194
Ill	275	773	722	801	284	277	287	[2] 165.8	[2] 206.5	[2] 246.1	135	205
Mich	206	655	1,063	1,105	273	379	377	173.3	237.0	259.4	139	243
Wis	61	193	353	396	278	366	372	89.1	124.1	135.5	129	237
W. No. Cent	**247**	**479**	**697**	**746**	(NA)	(NA)	(NA)	**233.8**	**269.7**	**313.0**	(NA)	(NA)
Minn	74	134	207	246	256	336	383	[3] 38.2	[2] 41.8	[2] 47.9	108	165
Iowa	43	95	144	142	278	307	307	28.6	33.7	40.7	97	181
Mo	57	130	182	190	126	217	219	[2] 110.4	[2] 128.4	[2] 146.4	119	203
N. Dak	8	12	16	16	226	277	274	[2] 8.2	[2] 8.6	[2] 9.8	105	183
S. Dak	11	20	19	17	204	218	213	8.7	10.3	12.5	99	183
Nebr	16	27	42	48	191	274	283	[2] 16.6	[2] 19.0	[2] 22.7	97	186
Kans	38	61	87	87	215	271	265	23.1	27.9	33.0	109	177
So. Atl	**411**	**858**	**1,125**	**1,178**	(NA)	(NA)	(NA)	**828.4**	**1,173.1**	**1,398.0**	(NA)	(NA)
Del	9	22	32	31	178	227	227	8.0	11.0	13.1	107	206
Md	74	144	214	224	175	228	234	64.1	82.0	97.7	123	215
D.C	32	92	92	88	239	252	259	22.4	31.0	36.0	147	251
Va	55	135	160	174	192	214	227	[2] 76.6	[2] 119.5	[2] 145.1	115	197
W. Va	34	44	60	60	171	182	178	[2] 51.8	[2] 72.3	[4] 84.8	128	218
N.C	50	121	154	156	158	164	165	[2] 157.5	[2] 209.8	[2] 245.5	117	198
S.C	15	46	72	79	88	107	114	[3] 84.6	[2] 123.6	[2] 146.6	116	195
Ga	78	136	138	161	100	133	150	177.6	232.9	270.3	121	193
Fla	64	118	203	205	122	175	168	185.8	291.0	358.9	163	207
E. So. Cent	**146**	**295**	**366**	**361**	(NA)	(NA)	(NA)	**552.0**	**715.8**	**839.4**	(NA)	(NA)
Ky	49	119	136	141	177	177	180	[2] 114.1	[2] 151.0	[2] 179.7	124	211
Tenn	53	85	85	82	106	113	108	147.3	198.7	232.6	115	201
Ala	26	59	84	76	96	110	106	[2] 152.9	[2] 195.3	[2] 226.5	121	196
Miss	18	32	61	62	49	88	87	137.4	170.8	200.6	122	201
W. So. Cent	**207**	**361**	**401**	**400**	(NA)	(NA)	(NA)	**629.5**	**793.3**	**895.6**	(NA)	(NA)
Ark	15	50	51	47	125	145	136	89.9	107.2	119.9	113	180
La	55	98	124	130	121	148	156	172.6	220.9	246.3	132	201
Okla	45	67	92	89	188	250	248	[2] 92.5	[2] 100.2	[2] 108.1	125	184
Tex	92	146	134	134	108	109	105	[4] 274.5	[4] 365.0	[4] 421.3	120	187
Mt	**135**	**218**	**274**	**289**	(NA)	(NA)	(NA)	**143.1**	**187.6**	**223.4**	(NA)	(NA)
Mont	8	13	19	19	155	228	222	8.9	10.7	12.7	106	204
Idaho	11	18	24	21	227	258	252	[2] 9.0	[2] 11.0	[2] 13.6	109	191
Wyo	3	5	9	8	163	262	267	2.5	[2] 2.5	[2] 3.0	102	203
Colo	44	75	81	90	200	239	257	[2] 39.0	[2] 46.4	[2] 53.8	123	195
N. Mex	22	32	42	46	142	185	198	[2] 30.9	[2] 41.3	[2] 48.4	125	208
Ariz	22	32	40	44	131	174	161	[2] 34.9	[2] 53.2	[2] 63.2	145	227
Utah	20	34	48	49	227	314	308	[3] 10.6	[2] 11.4	[2] 14.2	133	185
Nev	5	9	11	12	151	207	195	7.3	11.1	14.5	150	211
Pac	**1,021**	**1,657**	**2,844**	**3,084**	(NA)	(NA)	(NA)	**1,379.2**	**2,107.5**	**2,268.4**	(NA)	(NA)
Wash	91	138	251	230	241	365	348	75.7	85.4	95.3	135	225
Oreg	50	97	147	109	224	318	273	[2] 28.5	[2] 34.7	[2] 42.7	116	201
Calif	853	1,349	2,328	2,616	248	399	416	1,256.3	1,962.0	2,100.2	211	310
Alaska	6	13	27	36	271	359	447	[2] 4.3	[2] 5.5	[2] 6.5	156	208
Hawaii	21	60	91	93	325	386	389	14.4	19.9	23.7	184	239
Puerto Rico	28	25	60	72	46	113	122	(X)	(X)	(X)	(X)	(X)
Guam	1	2	3	4	191	209	214	(X)	(X)	(X)	(X)	(X)
Virgin Island	1	2	2	3	129	196	196	(X)	(X)	(X)	(X)	(X)
N. Mariana	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	[4] 1.4	[4] 1.6	216	248

NA Not available. X Not applicable. [1] 1975 total includes amount unknown by State. 1980 figures include payments to Indochina refugees (U.S. total $23.6 million in 1980) which were not available by State. In addition, totals were reduced to reflect returned checks and overpayment refunds. [2] Federal SSI payments only; State has State-administered supplementation. [3] Includes federally administered State supplementation as follows: for S.C. and Utah, for months prior to July 1975; for Minn., prior to October 1975. [4] Federal SSI payments only.

Source: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and *Public Assistance Statistics*, monthly.

NO. 655. STATE-ADMINISTERED SUPPLEMENTAL SECURITY INCOME (SSI)—RECIPIENTS AND PAYMENTS, BY STATES: 1975 TO 1982

[**1982 preliminary.** Recipients comprise those receiving Federal SSI payments and State-administered supplementation plus those who receive only State supplementary payments. See text, p. 366, and Appendix III]

STATE	RECIPIENTS, DEC. (1,000)			PAYMENTS FOR YEAR (mil. dol.)			STATE	RECIPIENTS, DEC. (1,000)			PAYMENTS FOR YEAR (mil. dol.)		
	1975	1980	1982	1975	1980	1982		1975	1980	1982	1975	1980	1982
Total	**303.4**	**249.5**	**248.0**	**162**	**286**	**276**	Minn	5.9	10.4	9.9	3	10	12
Ala	23.2	17.0	18.1	12	12	11	Mo	53.1	26.0	19.1	25	12	37
Alaska	3.3	1.0	2.5	3	2	3	Nebr	5.4	6.1	8.0	3	5	6
Ariz	1.5	1.7	1.7	2	1	1	N.H	3.3	4.5	4.6	2	5	6
Colo	31.1	31.8	34.5	15	32	39	N.C	10.3	10.7	11.0	14	23	28
Conn	9.7	12.7	12.4	9	20	23	Okla	72.6	56.4	52.4	21	42	40
Fla	2.1	3.2	7.6	1	2	3	Oreg	20.4	12.3	13.4	6	6	9
Idaho	3.0	3.5	2.5	1	3	3	S.C.[1]	1.2	1.6	1.8	1	2	2
Ill	45.2	31.0	28.7	34	26	28	Va	2.1	3.1	3.7	1	6	9
Ky	9.0	8.4	7.7	9	12	11	Other	.9	8.2	8.2	(z)	3	5

Z Less than $500,000. [1] Optional supplementation program became effective July 1976.

Source: U.S. Social Security Administration, *Social Security Bulletin*, June issue.

NO. 656. AID TO FAMILIES WITH DEPENDENT CHILDREN (AFDC)—PERCENT DISTRIBUTION OF RECIPIENT FAMILIES AND CHILDREN, BY CHARACTERISTICS: 1975 TO 1979

[Refers to federally-aided State programs providing aid to needy children deprived of parental care or support. Based on a sample and subject to sampling variability; for details, see source]

FAMILIES	1975	1977	1979	CHILDREN	1975	1977	1979
Recipient families (1,000)	**3,420**	**3,523**	**3,428**	**Recipient children (1,000)**	**8,121**	**7,836**	**7,230**
PERCENT DISTRIBUTION				PERCENT DISTRIBUTION			
Metropolitan areas [1]	78.5	77.1	77.8	Basis for eligibility:			
Nonmetropolitan areas [2]	21.5	22.9	22.2	Father is—			
				Deceased	3.7	2.6	2.2
White	50.2	52.6	51.7	Incapacitated	7.7	5.9	5.3
Black	44.3	43.0	43.9	Unemployed	3.7	5.0	4.1
American Indian and other [2]	5.5	4.4	4.4				
				Absent from home:			
Families with 1 child	37.9	40.3	42.5	Divorced	19.4	21.4	20.3
Families with 2 children	26.0	27.3	28.0	Separated [4]	28.6	25.5	24.4
Families with 3 children	16.1	16.1	15.5	Not married to mother	31.0	33.8	37.8
Families with 4 or 5 children	15.0	12.7	11.4	Other	4.3	4.1	4.4
Families with 6 or more children	5.0	3.6	2.5	Mother is absent, not father	1.6	1.6	1.5
Years as recipient: [3]				Age:			
Under 1 year	27.7	30.8	28.5	Under 6, including unborn	34.6	35.1	36.5
1–3 years	27.3	29.1	28.2	6–11	33.7	33.9	33.0
4–5 years	18.8	15.4	15.4	12–17	28.5	27.6	27.1
6–10 years	19.3	18.5	19.9	18–20	2.4	2.6	2.7
Over 10 years	6.3	5.4	7.1	Unknown	.8	.9	.9

[1] Refers to 243 standard metropolitan statistical areas as designated in 1970 census publications. For definition, see Appendix II. [2] Includes unknown or not reported. [3] Excludes unknown or not reported. [4] Includes legally and nonlegally separated.

Source: U.S. Social Security Administration, *1975 Recipient Characteristics Study* (Part 1), Sept. 1977; *1977 Recipient Characteristics Study* (Part 1) Sept. 1980; and *1979 Recipient Characteristics Study* (Part 1), June 1982.

NO. 657. ORPHANS, BY TYPE: 1960 TO 1982

[Includes Puerto Rico and Virgin Islands; beginning 1980, also includes American Samoa, Guam, and citizens (including Armed Forces) overseas. Covers children under age 18 who have been orphaned at any time. Paternal orphan refers to loss of father only, maternal orphan to loss of mother only, full orphan to loss of both parents. Percent of child population based on Social Security Administration estimates of number of children under 18, as of July 1. Data not exactly comparable for all years because of changes in methodology]

YEAR	NUMBER (1,000)				PERCENT OF CHILD POPULATION			
	Total	Paternal	Maternal	Full	Total	Paternal	Maternal	Full
1960, January	2,955	2,055	840	60	4.5	3.1	1.3	.1
1965, January	3,290	2,330	890	70	4.7	3.3	1.3	.1
1970, July	3,260	2,300	890	70	4.6	3.2	1.3	.1
1975, July	3,334	2,339	938	57	4.8	3.4	1.3	.1
1980, July	3,073	2,179	850	44	4.7	3.3	1.3	.1
1981, July	2,797	2,013	726	48	4.3	3.1	1.1	.1
1982, July	2,669	1,933	692	44	4.2	3.0	1.1	.1

Source: U.S. Social Security Administration, unpublished data.

No. 658. Child Support and Alimony—Selected Characteristics of Women: 1981

[Women as of **spring 1982.** Child support data are for women with own children under 21 years of age present from an absent father. Alimony data are for ever-divorced and currently separated women. Covers civilian noninstitutional population. Based on Current Population Survey; see text, p. 2 and Appendix III. For definition of mean, see Guide to Tabular Presentation]

RECIPIENCY STATUS OF WOMEN	Unit	Total [1]	CURRENT MARITAL STATUS				RACE		Spanish origin [4]	AGE		
			Divorced	Married [2]	Single [3]	Separated	White	Black		18 to 29 years	30 to 39 years	40 years and over
CHILD SUPPORT												
All women, total	**1,000**	**8,387**	**2,861**	**2,201**	**1,708**	**1,552**	**5,977**	**2,283**	**628**	**3,053**	**3,288**	**2,046**
Payments awarded [5]	1,000	4,969	2,304	1,712	244	665	4,136	772	276	1,401	2,292	1,277
Percent of total	Percent	59.2	80.5	77.8	14.3	42.8	69.2	33.8	43.9	45.9	69.7	62.4
Due child support payment in 1981	1,000	4,043	2,033	1,298	178	518	3,443	546	232	1,166	1,943	933
Received payment	1,000	2,902	1,501	866	112	414	2,495	366	153	723	1,482	697
Percent of total	Percent	34.6	52.5	39.3	6.6	26.7	41.7	16.0	24.4	23.7	45.1	34.1
Percent of due	Percent	71.8	73.8	66.7	62.9	79.9	72.5	67.0	65.9	62.0	76.3	74.7
Did not receive payment	1,000	1,140	533	432	66	103	948	180	79	443	462	236
Payments not awarded	1,000	3,417	557	489	1,464	887	1,841	1,511	352	1,653	996	769
Mean money income:												
Women received payments	Dollars	11,747	14,230	9,081	5,555	9,893	12,198	8,849	8,887	8,074	12,494	13,969
Mean child support	Dollars	2,106	2,220	1,909	1,015	2,374	2,180	1,640	2,068	1,483	2,231	2,484
Women did not receive payments	Dollars	8,027	9,787	7,035	(B)	5,475	8,109	7,582	8,060	6,384	8,042	11,085
Women not awarded payments	Dollars	6,135	8,697	6,413	4,937	6,322	6,612	5,574	4,967	4,614	7,569	7,546
Women with incomes below the poverty level in 1981, total	**1,000**	**2,566**	**694**	**181**	**893**	**784**	**1,355**	**1,167**	**284**	**1,293**	**837**	**435**
Payments awarded [5]	1,000	1,018	498	110	127	278	695	311	90	441	404	173
Received payments in 1981	1,000	495	241	46	65	144	344	144	44	217	200	79
Mean income from child support	Dollars	1,440	1,466	(B)	(B)	1,768	1,499	1,320	(B)	1,240	1,515	1,799
Did not receive payment	1,000	311	164	41	27	73	233	73	33	145	131	35
Payments not awarded	1,000	1,547	196	71	767	507	660	856	194	852	434	262
ALIMONY												
All women, total	**1,000**	**16,996**	**6,749**	**6,453**	**(X)**	**2,787**	**14,274**	**2,470**	**964**	**3,090**	**5,058**	**8,848**
Payments awarded [6]	1,000	2,534	1,172	923	(X)	283	2,312	206	102	269	650	1,614
Received payments in 1981	1,000	527	392	34	(X)	100	486	34	28	56	202	269
Mean income from alimony	Dollars	3,006	3,006	(B)	(X)	3,291	3,040	(B)	(B)	(B)	2,453	3,631
Did not receive payment	1,000	255	160	46	(X)	47	231	22	17	53	97	105
Payments not awarded	1,000	14,462	5,578	5,530	(X)	2,504	11,963	2,265	862	2,820	4,408	7,234
Women with incomes below the poverty level in 1981, total	**1,000**	**3,548**	**1,535**	**479**	**(X)**	**1,276**	**2,524**	**968**	**324**	**858**	**1,016**	**1,674**
Payments awarded	1,000	381	202	45	(X)	102	330	49	23	60	109	212
Payments not awarded	1,000	3,167	1,332	434	(X)	1,175	2,194	919	301	798	907	1,461

B Base less than 75,000. X Not applicable. [1] Includes other items, not shown separately. [2] Remarried women whose previous marriage ended in divorce. [3] Never-married women. [4] Persons of Spanish origin may be of any race. [5] Includes women who were not supposed to receive payments in 1981, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 124.

No. 659. Child Care Arrangements Used by Employed Mothers For Youngest Child Under 5 Years Old: 1982

[As of **June.** Covers employed women, 18 to 44 years old having at least one child under 5 years old. Based on Current Population Survey; see text, p. 2 and Appendix III]

PRINCIPAL CHILD CARE ARRANGEMENT	Total [1]	EMPLOYMENT STATUS		MARITAL STATUS		RACE	
		Full-time	Part-time	Married, husband present	Other [2]	White	Black
Number of mothers employed (1,000)	5,086	3,263	1,824	4,093	993	4,203	717
PERCENT DISTRIBUTION							
Total [3]	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Care in child's home	30.6	25.7	39.3	30.4	31.6	30.8	26.7
By father	13.9	10.3	20.3	16.8	1.9	14.7	8.3
By other relative	11.2	10.3	12.7	8.8	21.0	9.7	16.5
By nonrelative	5.5	5.1	6.3	4.8	8.7	6.4	1.9
Care in another home	40.2	43.8	34.0	40.7	38.2	40.3	42.2
By relative	18.2	19.7	15.6	18.0	19.0	16.7	28.4
By nonrelative	22.0	24.1	18.4	22.7	19.2	23.6	13.8
Group care center	14.8	18.8	7.5	13.4	20.2	13.6	20.9
Mother cares for child while working	9.1	6.2	14.4	10.5	3.3	10.3	3.1
Other arrangements [4]	.2	.3	.1	.1	.5	.1	.6

[1] Includes other races not shown separately. [2] Represents married women with husband absent (including separated) and widowed, divorced, and never-married women. [3] Includes women who don't know or gave no answer. [4] Includes child taking care of self.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 129.

NO. 660. HEAD START PROGRAM—ENROLLMENT AND APPROPRIATIONS: 1965 TO 1982

[For years ending **June 30,** except, beginning 1977, ending **Sept. 30.** Head Start program was designed to help communities overcome the handicaps of disadvantaged preschool children by providing preschool children from low-income families with a *comprehensive program that would meet their educational, social, health, nutritional, and psychological needs*]

ITEM	Unit	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total enrollment	1,000	**561**	**424**	**368**	**338**	**338**	**322**	**391**	**388**	**376**	**387**	**396**
Full year program [1]	1,000	(x)	229	299	292	292	296	365	369	362	375	396
Summer program	1,000	561	195	69	46	46	26	26	18	14	12	(2)
Federal gov't appropriation	Mil. dol	96	326	392	441	455	475	625	680	735	819	912

X Not applicable. [1] Includes children enrolled in Parent and Child Centers which serve children from infancy to 3 years old. [2] Program discontinued in 1982.

Source: U.S. Dept. of Health and Human Services, Administration for Children, Youth and Families, unpublished data.

NO. 661. BOY SCOUTS AND GIRL SCOUTS—MEMBERSHIP AND UNITS: 1960 TO 1982

[**In thousands.** Boy Scouts as of **Dec. 31;** Girl Scouts as of **Sept. 30.** Includes Puerto Rico and outlying areas]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
BOY SCOUTS OF AMERICA										
Membership	**5,165**	**5,733**	**6,267**	**5,318**	**4,718**	**4,493**	**4,285**	**4,318**	**4,355**	**4,542**
Boys	3,783	4,231	4,683	3,933	3,466	3,303	3,176	3,207	3,244	[1]3,425
Cub Scouts (8–10 yr. old)	1,865	2,064	2,438	1,997	1,843	1,788	1,716	1,696	1,643	1,609
Boy Scouts (11–17 yr. old)	1,647	1,850	1,916	1,503	1,225	1,123	1,058	1,064	1,101	1,126
Explorers (14–20 yr. old) [2]	271	317	329	434	398	392	402	447	499	606
Adults	1,382	1,502	1,604	1,385	1,252	1,190	1,109	1,110	1,111	1,117
Total units (packs, troops, posts)	130	145	157	150	137	134	129	129	130	132
GIRL SCOUTS OF THE U.S.A.										
Membership	**3,419**	**3,647**	**3,922**	**3,234**	**3,140**	**3,084**	**2,961**	**2,784**	**2,829**	**2,819**
Girls [3]	2,646	3,030	3,248	2,723	2,583	2,511	2,389	2,250	2,276	2,247
Brownies (6–8 yr. old)	([4])	1,072	1,259	1,160	1,199	1,245	1,206	1,115	1,110	1,120
Juniors (9–11 yr. old)	([4])	1,416	1,509	1,188	1,054	977	926	894	916	874
Cadettes (12–14 yr. old)	([4])	443	395	301	252	218	193	172	170	169
Seniors (14–17 yr. old)	([4])	99	85	74	64	57	52	46	45	41
Adults	773	617	674	511	557	573	572	534	553	572
Total units (troops)	164	153	164	159	159	159	157	154	157	160

[1] *Includes Tiger Cubs for 7 year olds, a new classification begun in 1982.* [2] *Both girls and boys are members.* [3] *Beginning* 1976, includes girls registered in other categories, not shown separately. [4] Comparable data not available.

Source: Boy Scouts of America, National Council, Irving, Texas, *Annual Report;* and Girl Scouts of the United States of America, New York, N.Y., *Annual Report.*

NO. 662. NONGOVERNMENT SOCIAL SERVICES ESTABLISHMENTS—SUMMARY: 1977

[Covers only establishments with payroll. For explanation of methodology, see Appendix III]

TAXABLE STATUS	Unit	Total	Individual and family social services	Job training, vocational rehabilitation	Child day care	Residential care	Social services n.e.c. [1]
Number of establishments, total	Number	64,087	14,426	4,132	24,813	10,203	10,513
Tax-exempt	Number	40,983	12,440	3,396	10,641	5,603	8,903
Taxable	Number	23,104	1,986	736	14,172	4,600	1,610
Paid employees, total [2]	1,000	854	183	152	190	185	145
Tax-exempt establishments	1,000	676	167	138	102	135	133
Taxable establishments	*1,000*	*177*	*16*	*13*	*88*	*50*	*12*
Payroll, total	Mil. dol	4,990	1,238	700	834	1,134	1,085
Tax-exempt establishments	Mil. dol	4,124	1,143	611	495	881	994
Taxable establishments	Mil. dol	866	94	89	339	253	90
Expenses, tax-exempt establishments	Mil. dol	8,295	2,237	1,048	829	1,857	2,323
Receipts, taxable establishments	Mil. dol	2,038	202	187	760	666	224

[1] N.e.c.=Not elsewhere classified. [2] For week including March 12.

Source: U.S. Bureau of the Census, *Census of Service Industries, 1977, Geographic Area Series,* SC 77-A 53.

NO. 663. AMERICAN RED CROSS—SUMMARY: 1960 TO 1982

[For years ending June 30]

ITEM	Unit	1960	1965	1970	1975	1979	1980	1981	1982
Red Cross chapters	Number	3,665	3,448	3,240	3,142	3,108	3,082	3,053	3,011
Community volunteers [1]	1,000	2,000	2,000	2,310	1,371	1,357	1,418	1,406	1,375
Students participating in Red Cross school programs	1,000	(NA)	(NA)	6,820	6,191	5,590	4,196	3,586	3,493
Blood donors—Red Cross and community services [1]	1,000	(NA)	(NA)	(NA)	4,262	3,855	4,158	4,683	4,915
Income, total	Mil. dol	96.0	105.0	147.1	248.7	426.9	481.6	553.0	630.7
Fund campaign contributions	Mil. dol	83.3	90.5	124.4	125.6	152.1	163.5	173.2	172.5
Blood services, U.S. Government research grants [2]	Mil. dol	([3])	([3])	([3])	88.7	222.8	241.2	301.7	371.9
Other [4]	Mil. dol	12.7	14.6	22.7	34.5	52.0	76.9	78.1	86.3
Expenditures, total [5]	Mil. dol	86.7	108.1	149.4	237.3	398.2	455.0	524.2	587.5
Services to Armed Forces, veterans, and families	Mil. dol	33.6	39.1	56.8	52.7	48.8	55.6	58.8	59.5
Disaster services	Mil. dol	6.5	15.8	32.6	22.0	36.6	57.5	48.6	48.8
Blood services	Mil. dol	[3] 12.6	[3] 15.9	[3] 15.3	100.3	217.8	241.2	301.4	353.2
Disaster services:									
Disaster relief operations	Number	325	435	688	1,023	2,446	3,418	6,734	7,065
Families assisted	1,000	14.9	29.7	43.4	22.3	43.2	90.5	36.3	31.5
Persons given emergency care	1,000	108	654	398	276	494	689	997	512
Disaster incidents [6]	1,000	(NA)	11.9	20.4	31.0	38.1	35.7	36.4	36.1
Families assisted	1,000	(NA)	17.5	31.2	45.4	50.0	46.3	50.3	50.7
Red Cross blood services:									
Blood voluntarily donated	1,000 units	2,422	2,775	3,175	4,291	5,215	5,435	5,629	5,911
Hospitals and blood banks served	Number	4,000	4,300	4,100	4,117	4,338	4,358	4,541	[1] 4,500
Certificates issued: Health services	1,000	2,950	3,913	4,359	4,946	5,743	6,041	6,373	6,416

NA Not available. [1] Estimated. [2] Includes civilian and Federal hospital participation fees and other. [3] Expenditures reported net of income. [4] Primarily income from endowment and other invested funds, legacies, and restricted contributions. [5] Includes other types not shown separately. [6] Mainly involving a small number of families.

Source: American Red Cross, Washington, D.C., *Annual Report.*

NO. 664. UNITED WAY CAMPAIGN FUNDS RAISED, BY MAJOR DONOR: 1960 TO 1982

[**In millions of dollars.** "Campaign": A series of operations or systematic effort to reach a desired result or "goal"]

MAJOR DONOR GROUP	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total	**457**	**598**	**788**	**979**	**1,023**	**1,104**	**1,205**	**1,318**	**1,423**	**1,530**	**1,680**	**1,781**
Corporations	159	194	225	271	281	293	301	331	394	430	457	499
Individuals:												
At workplace	231	349	478	601	643	700	783	893	931	999	1,085	1,127
Residential	67	22	37	36	40	34	33	33	34	34	138	155
Other		33	48	71	59	77	88	61	64	67		

Source: United Way of America, Alexandria, Va., unpublished data.

NO. 665. PRIVATE PHILANTHROPY FUNDS, BY SOURCE AND ALLOCATION: 1960 TO 1982

[**In billions of dollars.** Estimates for sources of funds based largely on reports of the U.S. Internal Revenue Service for itemized deductions, corporate profits, and bequests. Data adjusted for nonitemized IRS deductions and after comparison with levels of gross national product, personal income, population, and publicly reported large bequests. For bases of allocation of funds, see source. See *Historical Statistics, Colonial Times to 1970,* series H 398–411, for similar but not comparable data]

SOURCE AND ALLOCATION	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total funds	**9.4**	**13.3**	**20.7**	**25.6**	**27.7**	**29.7**	**32.5**	**36.0**	**40.1**	**43.3**	**47.7**	**54.1**	**60.4**
Individuals	7.6	10.4	15.9	20.4	22.3	24.2	26.6	29.3	32.8	36.5	39.8	44.6	48.7
Foundations	.7	1.1	1.9	2.0	2.1	2.0	2.1	2.0	2.6	2.2	2.9	3.1	3.2
Corporations	.5	.8	.8	1.2	1.2	1.2	1.5	1.7	2.1	2.3	2.7	2.9	3.1
Charitable bequests	.6	1.0	2.1	2.0	2.1	2.2	2.4	3.0	2.6	2.2	2.4	3.5	5.5
Allocation:													
Religion	4.8	6.5	9.3	10.5	11.9	12.9	14.2	16.9	18.5	20.1	22.2	24.9	26.1
Education	1.5	2.3	3.2	4.1	4.1	4.0	4.5	4.8	5.6	6.0	6.7	7.6	8.6
Health and hospitals	1.1	1.5	3.4	4.2	4.3	4.4	4.9	4.9	5.5	6.0	6.5	7.5	8.4
Social welfare	1.4	1.9	2.9	3.1	3.1	3.1	3.2	3.5	4.0	4.4	4.7	5.4	6.3
Arts and humanities	.2	.2	.6	1.3	1.3	1.7	2.3	2.3	2.5	2.7	3.0	3.5	5.0
Civic and public	.1	.2	.4	.6	.8	.9	1.1	1.2	1.2	1.2	1.4	1.6	1.7
Other	.3	.8	.9	1.9	2.2	2.7	2.4	2.5	2.5	2.9	3.4	3.7	2.4

Source: American Association of Fund-Raising Counsel, Inc., New York, N.Y., *Giving USA,* annual. (Copyright.)

No. 666. Private Foundations—Selected Finances: 1974 and 1979

[**In millions of dollars, except as indicated.** Covers nongovernment nonprofit organizations with funds and programs managed by their own trustees or directors, whose goal was to maintain or aid social, educational, religious, or other activities deemed to serve the common good. Foundations in existence at any time during the year were required to file a return regardless of income or assets. Data are estimates based on a sample of Form 990-PF returns. For details, see source]

ITEM	1974, total	1979, BY SIZE OF ASSETS				
		Total [1]	$1–$100,000	$100,000–$1,000,000	$1,000,000–$10,000,000	$10,000,000 and over
Number of foundations	26,889	27,980	14,524	8,717	3,026	490
Total assets [2]	25,514	34,669	397	2,998	8,815	22,459
Corporate stock	13,407	15,740	117	1,033	3,421	11,169
Corporate bonds	5,045	7,037	51	540	1,806	4,639
Government obligations	1,441	4,153	27	329	1,176	2,621
Total liabilities	1,640	1,501	20	67	302	1,112
Net worth	23,874	33,167	376	2,931	8,513	21,347
Total receipts [2]	2,792	6,013	205	622	1,572	3,608
Contributions, gifts and grants	1,217	2,282	160	339	663	1,116
Dividends	743	1,196	13	87	270	826
Interest	671	1,225	15	119	337	753
Total deductions [2]	2,717	3,536	197	444	1,007	1,876
Contributions, gifts and grants	1,953	2,801	143	355	776	1,518
Net income	75	2,477	8	178	566	1,733
Adjusted net income	1,450	2,580	39	221	672	1,645
Expenditures for exempt purposes	2,409	3,246	185	414	911	1,720

[1] Includes foundations with assets zero or not reported, not shown separately. [2] Includes other items not shown separately.

Source: U.S. Internal Revenue Service, *Statistics of Income, Private Foundations, 1974–1978*, and *Statistics of Income Bulletin*, Fall 1982.

No. 667. Foundations—Number and Finances, States and Other Areas

[Figures are for latest year reported by foundations, usually **1980** or **1981**. See headnote, table 666. Excludes organizations which make general appeals to the public for funds, act as trade associations for industrial or other special groups, or do not currently award grants]

STATE	Number	FINANCES (mil. dol.)		
		Assets	Grants	Gifts received
Total	**22,088**	**48,174**	**3,434**	**1,984**
Alabama	155	97	8	2
California	1,648	4,169	311	251
Colorado	239	498	31	27
Connecticut	571	706	68	23
Delaware	124	438	19	4
District of Columbia	211	390	56	53
Florida	620	616	45	39
Georgia	386	582	40	33
Hawaii	77	131	8	2
Illinois	1,451	3,379	257	93
Indiana	415	1,318	62	18
Iowa	290	150	14	7
Kansas	193	115	11	8
Kentucky	121	159	12	5
Louisiana	176	174	10	12
Maryland	354	330	29	15
Massachusetts	1,234	1,070	77	42
Michigan	671	2,158	201	72
Minnesota	472	1,382	121	71
Missouri	514	718	59	26
New Jersey	669	1,900	105	38
New York	4,318	13,831	887	541
North Carolina	414	953	73	21
Ohio	1,084	1,714	141	93
Oklahoma	180	1,119	42	37
Oregon	195	166	14	4
Pennsylvania	1,221	3,848	264	142
Rhode Island	118	159	10	15
South Carolina	134	130	9	6
Tennessee	221	317	25	9
Texas	1,108	3,371	260	161
Virginia	357	327	20	9
Washington	290	399	29	17
Wisconsin	637	586	53	38
Other States and P.R.	1,220	771	62	50

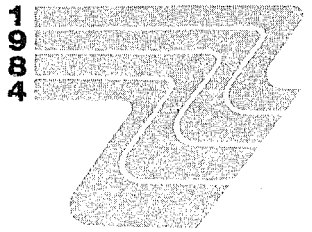
Source: The Foundation Center, New York, N.Y., *The National Data Book*, 7th edition, 1983.

No. 668. Foundations—Grants Reported, by Subject Field: 1980 to 1982

[Number and type of foundations reporting varies from year to year. Covers grants of $5,000 or more in size. Based on reports of about 400 foundations which represented about 45 percent of all grant dollars awarded by private foundations. Minus sign (–) indicates decrease. For definition of foundation, see headnote, table 666]

SUBJECT FIELD	NUMBER OF GRANTS			AMOUNT						
				Total (mil. dol.)			Percent change, 1980–82	Percent distribution		
	1980	1981	1982	1980	1981	1982		1980	1981	1982
Total	**21,590**	**22,322**	**27,121**	**1,191**	**1,257**	**1,490**	**25.1**	**100.0**	**100.0**	**100.0**
Welfare	6,811	7,247	9,014	292	329	387	32.5	24.5	26.2	25.9
Education	4,719	4,506	5,145	266	266	356	33.8	22.4	21.1	23.9
Health	3,494	3,746	4,584	299	283	312	4.3	25.1	22.5	20.8
Culture	3,291	3,878	4,435	161	193	209	29.8	13.5	15.3	14.1
Science	1,375	1,268	1,644	75	87	96	28.0	6.3	6.9	6.5
Social science	1,182	1,273	1,704	68	75	102	50.0	5.7	6.0	6.9
Religion	718	404	595	29	25	28	–3.4	2.4	2.0	1.9

Source: The Foundation Center, New York, N.Y., *Foundation Grants Index*, annual.



Section 14

Labor Force, Employment, and Earnings

This section presents data on the labor force; its distribution by occupation and industry affiliation; and the supply of, demand for, and conditions of labor. The chief sources of these data are the Current Population Survey conducted by the U.S. Bureau of the Census; and the monthly *Employment and Earnings,* the *Monthly Labor Review,* the *Handbook of Labor Statistics,* the periodic Special Labor Force Bulletins published by the U.S. Bureau of Labor Statistics. Detailed data on the labor force are also available from the Census Bureau's decennial census of population.

Types of data.—Most statistics in this section are obtained by two methods: household interviews or questionnaires, and reports of establishment payroll records. Each method provides data which the other cannot suitably supply. Population characteristics, for example, are readily obtainable only from the household survey, while detailed industrial classifications can be readily derived only from establishment records.

Household data are obtained from a monthly sample survey of the population. The Current Population Survey (CPS) is used to gather data for the week including the 12th of the month, and provides current comprehensive data on the labor force (see text, p. 2). CPS provides information on the work status of the population without duplication since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once, according to the job at which they work the most hours during the survey week.

Monthly data from CPS are published by the Bureau of Labor Statistics (BLS) in *Employment and Earnings* and the related reports mentioned above. Data presented include national totals by sex, race, and age, of the number of persons in the civilian labor force; the number employed, hours of work; industry and occupational groups; and the number unemployed, reasons for, and duration of, unemployment. Monthly data from CPS are also presented for 10 large States, New York City and the Los Angeles SMSA. Annual data shown in this section are averages of monthly figures for each calendar year, unless otherwise specified.

In addition to monthly data, CPS also produces annual estimates of employment and unemployment for each State and the 30 largest standard metropolitan statistical areas (SMSA's). These estimates are published by BLS in its annual *Geographic Profile of Employment and Unemployment.* More detailed geographic data (e.g., for counties and cities) are provided by the decennial population censuses.

Data based on establishment records are compiled by BLS and cooperating State agencies as part of an ongoing Current Employment Statistics Program. Data, gathered from a sample of employers who voluntarily complete mail questionnaires monthly, are supplemented by data from other government agencies and adjusted at intervals to data from government social insurance program reports. The estimates exclude proprietors of unincorporated firms, self-employed persons, private household workers, unpaid family workers, agricultural workers, and the Armed Forces. In March 1982, reporting establishments employed 11 million manufacturing workers (55 percent of the total manufacturing employment at the time), 14 million workers in nonmanufacturing industries (26 percent of the total in nonmanufacturing), and 12 million Federal, State, and local government employees (72 percent of total government).

The establishment survey counts workers each time they appear on a payroll during the reference week (as with CPS, the week including the 12th of the month). Thus, unlike CPS, a person with two jobs is counted twice. The establishment survey is designed to provide detailed industry information for the Nation, States, and metropolitan areas on nonagricultural wage and salary employment, average weekly hours, and average hourly and weekly earnings. Establishment survey data are published in *Employment and Earnings* and *Monthly Labor Review,* cited above. Historical data, in geographic detail, are shown in BLS Bulletin No. 1370-13, *Employment and Earnings, States and Areas, 1939-78;* BLS Bulletin No. 1370-16 *Supplement to Employment and Earnings, States and Areas, Data for 1977-1981;* and in the *Handbook of Labor Statistics.*

Labor force.—According to CPS definitions, the *civilian* labor force comprises all civilians in the noninstitutional population 16 years and over classified according to the criteria below: Employed civilians comprise (a) all civilians who, during the reference week, did any work for pay or profit (minimum of an hour's work) or worked 15 hours or more as unpaid workers in a family enterprise,

and (b) all civilians who were not working but who had jobs or businesses from which they were temporarily absent for noneconomic reasons (illness, bad weather, vacation, labor-management dispute, etc.). The *labor force* also includes members of the Armed Forces stationed in the United States. They are also included in the employed totals. Unemployed persons comprise all civilians who had no employment during the reference week, who made specific efforts to find a job within the previous four weeks (such as applying directly to an employer, or to a public employment service, or checking with friends) and who were available for work during that week. Persons on layoff from a job or waiting to report to a new job within 30 days are also classified as unemployed. All other persons, 16 years old and over, are "not in the labor force."

Beginning in 1982, changes in the estimation procedures and the introduction of 1980 census data caused substantial increases in the population and estimates of persons in all labor force categories. Rates on labor force characteristics, however, were essentially unchanged. In order to avoid major breaks in series, some 30,000 labor force series were adjusted back to 1970. The effect of the 1982 revisions on various data series and an explanation of the adjustment procedure used are described in "Revisions in the Current Population Survey in January 1982", in the February 1982 issue of *Employment and Earnings.* The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1978 and data users should make allowances for them in making certain data comparisons.

Hours and earnings.—Average hourly earnings, based on establishment data, are gross earnings (i.e., earnings before payroll deductions) and include overtime premiums; they exclude irregular bonuses and value of payments in kind. Hours are those for which pay was received. Wages and salary from the CPS consist of total money received for work performed by an employee during the income year. It includes wages, salary, commissions, tips, piece-rate payments, and cash bonuses earned before deductions were made for taxes, bonds, union dues, etc. Persons who worked 35 hours or more are classified as working full-time (see table 704).

Industrial and occupational groups.—Establishments responding to the establishment survey are classified into industries on the basis of their principal product or activity (determined by annual sales volume) in accordance with the *Standard Industrial Classification* (SIC) *Manual,* Office of Management and Budget; 1972 is the latest issue. The SIC is a classification structure for the entire national economy. The structure provides data on a division and industry code basis, according to the level of industrial detail. For example, manufacturing is a major industrial division; food and kindred products (code 20) is one of its major groups. One of the ways this group is further divided is into meat products (code 201) and meat packing plants (code 2011). Periodically, the SIC is revised to reflect changes in the industrial composition of the economy.

Changes in occupational groupings used in classifying data from the CPS household interviews were caused by the comprehensive revision in classification of occupations for the 1970 census, and from inclusion of a question on major activities or duties in the December 1971 CPS. As a result, comparisons of occupational employment levels between 1971–1972 and prior periods and between those two years should be made with caution. The 1972 data, however, are comparable with those for years through 1982.

Occupation data from the 1980 Census (see table 692) reflect the use of the 1980 Standard Occupation Classification, first introduced in 1977. This represents a comprehensive revamping of the occupation classification system used for prior censuses, as well as that used prior to January 1983 in the CPS, in that much of the nomenclature and recognizable groupings have been completely revised. The occupational catagories are so radically different that their implementation represents a break in historical data series. As a result, occupation data presented from the 1980 Census are not comparable with other occupation data shown in this edition of the Abstract, since other tables from the CPS (e.g. table 696) reflect the 1970 classification.

Productivity.—BLS publishes measures of productivity under two major programs which measure the relationship between production and one factor of input, labor time. The first program is concerned with measures relating to private business as a whole and its various subsectors; the second provides measures for selected specific industries and various functional areas of the Federal civilian government. Data for the first program are published quarterly in the BLS press releases, *Productivity and Costs: Private Business, Nonfarm Business,* and *Manufacturing Sectors,* and *Productivity and Costs: Nonfinancial Corporate Sector.* Data for the second program are published annually in the BLS Bulletin, *Productivity Indexes for Selected Industries.* Conceptual and background information concerning the Federal-sector measures appears in *Monthly Labor Review,* Nov. 1974. Detailed information on methods, limitation, and data sources for both programs appears in BLS *Handbook of Methods,* BLS Bulletin 1910 (1976), chapters 30 and 31.

Unions.—As defined here, unions include all affiliates of the AFL–CIO, all unaffiliated national unions, and all unaffiliated unions which are party to collective bargaining agreements with different

employers in more than one State. The definition excludes unions whose activities are confined to a single locality or to a single employer. In addition, BLS accounts for all unions of Federal Government employees that have received exclusive recognition. (This program was discontinued in 1980, see tables 726–728.) Collective bargaining settlements data are available for unions of 1,000 members or more.

Work stoppages.—Work stoppages include all strikes and lockouts known to BLS and its cooperating agencies which last for at least one full day or shift and involve 1,000 or more workers. All stoppages, whether or not authorized by a union, legal or illegal, are counted. Excluded are work slowdowns and instances where employees report to work late, or leave early, to attend mass meetings or mass rallies.

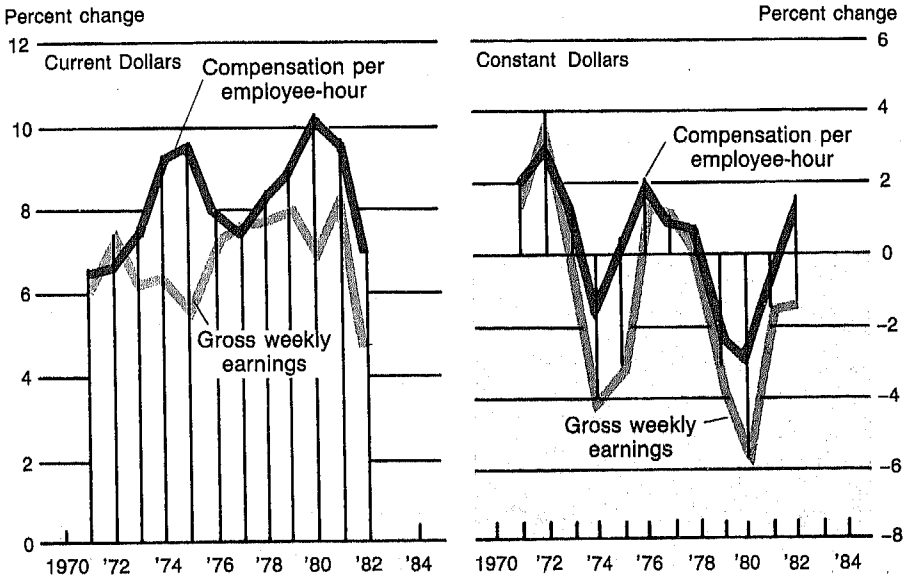
Seasonal adjustment.—Many economic statistics reflect a regularly recurring seasonal movement which can be estimated on the basis of past experience. By eliminating that part of the change which can be ascribed to usual seasonal variation (e.g., climate or school openings and closings), it is possible to observe the cyclical and other non-seasonal movements in the series. However, in evaluating deviations from the seasonal pattern—that is, changes in a seasonally adjusted series—it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors, but also are affected by the uncertainties of the adjustment process itself.

Statistical reliability.—For discussion of statistical collection, estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau and BLS data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

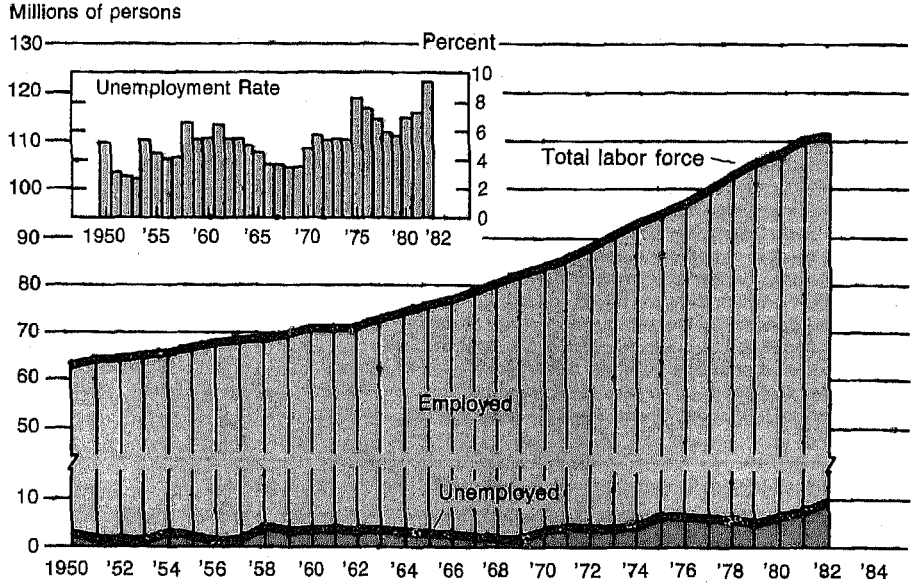
Figure 14.1

Earnings and Compensation — Annual Percent Change: 1971 to 1982



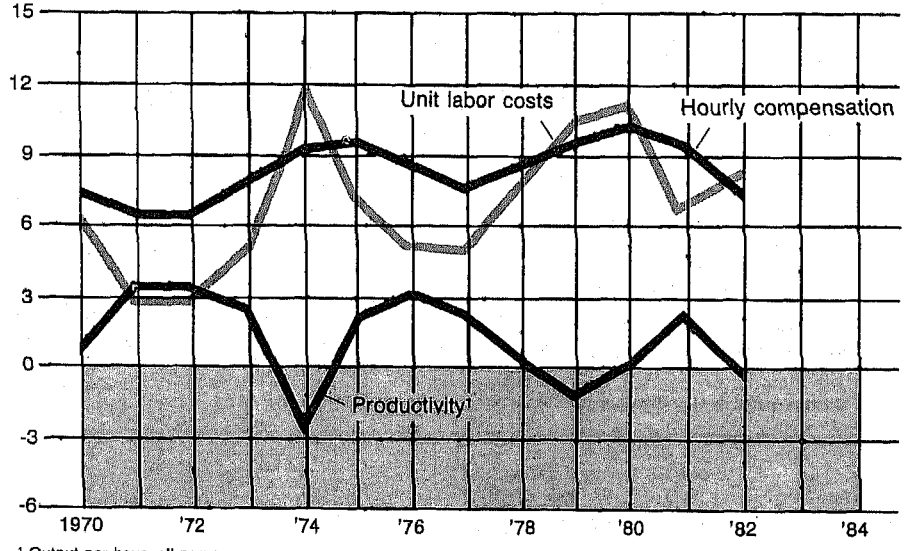
Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 711 and 712.

Figure 14.2
Trends in the Labor Force: 1950 to 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 669.

Figure 14.3
Productivity, Hourly Compensation, and Unit Labor Costs: 1970 to 1982



[1] Output per hour, all persons.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 709.

No. 669. Employment Status of the Noninstitutional Population 16 Years Old and Over By Sex: 1950 to 1983

[**In thousands, except as indicated.** Annual averages of monthly figures, except as indicated. Based on Current Population Survey; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series D 11-19 and D 85-86]

Year and sex	Noninstitutional population[1]	Labor force[1]								Not in labor force
			Employed					Unemployed		
		Number	Total[1]	Resident Armed Forces	Civilian			Number	Percent of labor force[2]	
					Total	Agriculture	Nonagriculture industries			
Total: 1950	106,164	63,377	60,087	1,169	58,918	7,160	51,758	3,288	5.2	42,787
1955	111,747	67,087	64,234	2,064	62,170	6,450	55,722	2,852	4.3	44,660
1960	119,106	71,489	67,639	1,861	65,778	5,458	60,318	3,852	5.4	47,617
1965	128,459	76,401	73,034	1,946	71,088	4,361	66,726	3,366	4.4	52,058
1966	130,180	77,892	75,017	2,122	72,895	3,979	68,915	2,875	3.7	52,288
1967	132,092	79,565	76,590	2,218	74,372	3,844	70,527	2,975	3.7	52,527
1968	134,281	80,990	78,173	2,253	75,920	3,817	72,103	2,817	3.5	53,291
1969	136,573	82,972	80,140	2,238	77,902	3,606	74,296	2,832	3.4	53,602
1970	139,203	84,889	80,796	2,118	78,678	3,463	75,215	4,093	4.8	54,315
1971	142,169	86,355	81,340	1,973	79,367	3,394	75,972	5,016	5.8	55,834
1972	145,939	88,847	83,966	1,813	82,153	3,484	78,669	4,882	5.5	57,091
1973	148,870	91,203	86,838	1,774	85,064	3,470	81,594	4,365	4.8	57,667
1974	151,841	93,670	88,515	1,721	86,794	3,515	83,279	5,156	5.5	58,171
1975	154,831	95,453	87,524	1,676	85,846	3,408	82,438	7,929	8.3	59,377
1976	157,818	97,826	90,420	1,668	88,752	3,331	85,421	7,406	7.6	59,991
1977	160,689	100,665	93,673	1,656	92,017	3,283	88,734	6,991	6.9	60,025
1978	163,541	103,882	97,679	1,631	96,048	3,387	92,661	6,202	6.0	59,659
1979	166,460	106,559	100,421	1,597	98,824	3,347	95,477	6,137	5.8	59,900
1980	169,349	108,544	100,907	1,604	99,303	3,364	95,938	7,637	7.0	60,806
1981	171,775	110,315	102,042	1,645	100,397	3,368	97,030	8,273	7.5	61,460
1982	173,939	111,872	101,194	1,668	99,526	3,401	96,125	10,678	9.5	62,067
1983, June[3]	175,793	113,600	102,454	1,668	100,786	3,522	97,264	11,146	9.8	62,193
Male: 1950	51,875	44,969	42,728	1,150	41,578	6,002	35,576	2,239	5.0	6,906
1960	57,495	48,221	45,737	1,833	43,904	4,472	39,431	2,486	5.2	9,274
1970	66,385	53,309	51,071	2,081	48,990	2,862	46,128	2,238	4.2	13,076
1975	73,891	57,899	53,457	1,600	51,857	2,824	49,032	4,442	7.7	15,993
1980	80,877	62,932	58,665	1,479	57,186	2,709	54,477	4,267	6.8	17,945
1982	83,052	63,979	57,800	1,529	56,271	2,736	53,534	6,179	9.7	19,073
Female: 1950	54,289	18,408	17,359	19	17,340	1,159	16,181	1,049	5.7	35,881
1960	61,610	23,268	21,902	28	21,874	986	20,887	1,366	5.9	38,343
1970	72,819	31,580	29,725	37	29,688	601	29,087	1,855	5.9	41,239
1975	80,938	37,553	34,067	78	33,989	584	33,404	3,486	9.3	43,386
1980	88,472	45,611	42,241	124	42,117	656	41,461	3,370	7.4	42,861
1982	90,887	47,894	43,395	139	43,256	665	42,591	4,499	9.4	42,993
PERCENT DISTRIBUTION										
Total: 1950	100.0	59.7	56.6	1.1	55.5	6.7	48.8	3.1	(X)	40.3
1955	100.0	60.0	57.5	1.8	55.6	5.8	49.9	2.6	(X)	40.0
1960	100.0	60.0	56.8	1.6	55.2	4.6	50.6	3.2	(X)	40.0
1965	100.0	59.5	56.9	1.5	55.3	3.4	51.9	2.6	(X)	40.5
1966	100.0	59.8	57.6	1.6	56.0	3.1	52.9	2.2	(X)	40.2
1967	100.0	60.2	58.0	1.7	56.3	2.9	53.4	2.3	(X)	39.8
1968	100.0	60.3	58.2	1.7	56.5	2.8	53.7	2.1	(X)	39.7
1969	100.0	60.8	58.7	1.6	57.0	2.6	54.4	2.1	(X)	39.2
1970	100.0	61.0	58.0	1.5	56.5	2.5	54.0	2.9	(X)	39.0
1971	100.0	60.7	57.2	1.4	55.8	2.4	53.4	3.5	(X)	39.3
1972	100.0	60.9	57.5	1.2	56.3	2.4	53.9	3.3	(X)	39.1
1973	100.0	61.3	58.3	1.2	57.1	2.3	54.8	2.9	(X)	38.7
1974	100.0	61.7	58.3	1.1	57.2	2.3	54.8	3.4	(X)	38.3
1975	100.0	61.6	56.5	1.1	55.4	2.2	53.2	5.1	(X)	38.3
1976	100.0	62.0	57.3	1.1	56.2	2.1	54.1	4.7	(X)	38.0
1977	100.0	62.6	58.3	1.0	57.3	2.0	55.2	4.4	(X)	37.4
1978	100.0	63.5	59.7	1.0	58.7	2.1	56.7	3.8	(X)	36.5
1979	100.0	64.0	60.3	1.0	59.4	2.0	57.4	3.7	(X)	36.0
1980	100.0	64.1	59.6	.9	58.6	2.0	56.7	4.5	(X)	35.9
1981	100.0	64.2	59.4	1.0	58.4	2.0	56.5	4.8	(X)	35.8
1982	100.0	64.3	58.2	1.0	57.2	2.0	55.3	6.1	(X)	35.7
1983, June[3]	100.0	64.6	58.3	.9	57.3	2.0	55.3	6.3	(X)	35.4
Male: 1950	100.0	86.7	82.4	2.2	80.2	11.6	68.6	4.3	(X)	13.3
1960	100.0	83.9	79.5	3.2	76.4	7.8	68.6	4.3	(X)	16.1
1970	100.0	80.3	76.9	3.1	73.8	4.3	69.4	3.4	(X)	19.7
1975	100.0	78.4	72.3	2.2	70.2	3.8	66.4	6.0	(X)	21.6
1980	100.0	77.8	72.5	1.8	70.7	3.3	67.4	5.3	(X)	22.2
1982	100.0	77.0	69.6	1.8	67.8	3.3	64.5	7.4	(X)	23.0
Female: 1950	100.0	33.9	32.0	(Z)	31.9	2.1	29.8	1.9	(X)	66.1
1960	100.0	37.8	35.5	(Z)	35.5	1.6	33.9	2.2	(X)	62.2
1970	100.0	43.4	40.8	(Z)	40.8	.8	39.9	2.5	(X)	56.6
1975	100.0	46.4	42.1	(Z)	42.0	.7	41.3	4.3	(X)	53.6
1980	100.0	51.6	47.7	.1	47.6	.7	46.9	3.8	(X)	48.4
1982	100.0	52.7	47.7	.2	47.6	.7	46.9	5.0	(X)	47.3

X Not applicable. Z Less than .05. [1] Includes resident Armed Forces. [2] Unemployment as a percent of the labor force, including resident Armed Forces. [3] Seasonally adjusted, except for population and resident Armed Forces.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 670. Employment Status of the Civilian Noninstitutional Population by Sex, Race, and Hispanic Origin: 1960 to 1983

[**In thousands, except as indicated.** Annual averages of monthly figures, except as indicated. See Appendix III for methodology. See also *Historical Statistics, Colonial Times to 1970*, Series D 11-19 and D 85-86]

Year, sex, race, and Hispanic origin	Civilian noninstitutional population	Civilian labor force						Not in labor force	
		Total	Percent of population	Employed	Employment/population ratio[1]	Unemployed			
						Number	Percent of labor force	Number	Percent of population
Total:									
1960	117,245	69,628	59.4	65,778	56.1	3,852	5.5	47,617	40.6
1965	126,513	74,455	58.9	71,088	56.2	3,366	4.5	52,058	41.1
1970	137,085	82,771	60.4	78,678	57.4	4,093	4.9	54,315	39.6
1975	153,153	93,775	61.2	85,846	56.1	7,929	8.5	59,377	38.8
1977	159,033	99,009	62.3	92,017	57.9	6,991	7.1	60,025	37.7
1978	161,910	102,251	63.2	96,048	59.3	6,202	6.1	59,659	36.8
1979	164,863	104,962	63.7	98,824	59.9	6,137	5.8	59,900	36.3
1980	167,745	106,940	63.8	99,303	59.2	7,637	7.1	60,806	36.2
1981	170,130	108,670	63.9	100,397	59.0	8,273	7.6	61,460	36.1
1982	172,271	110,204	64.0	99,526	57.8	10,678	9.7	62,067	36.0
1983, June [2]	174,125	111,932	64.3	100,786	57.9	11,146	10.0	62,193	35.7
Male:									
1960	55,662	46,388	83.3	43,904	78.9	2,486	5.4	9,274	16.7
1965	59,782	48,255	80.7	46,340	77.5	1,914	4.0	11,527	19.3
1970	64,304	51,228	79.7	48,990	76.2	2,238	4.4	13,076	20.3
1975	72,291	56,299	77.9	51,857	71.7	4,442	7.9	15,993	22.1
1977	75,193	58,396	77.7	54,728	72.8	3,667	6.3	16,797	22.3
1978	76,576	59,620	77.9	56,479	73.8	3,142	5.3	16,956	22.1
1979	78,020	60,726	77.8	57,607	73.8	3,120	5.1	17,293	22.2
1980	79,398	61,453	77.4	57,186	72.0	4,267	6.9	17,945	22.7
1981	80,511	61,974	77.0	57,397	71.3	4,577	7.4	18,537	23.0
1982	81,523	62,450	76.6	56,271	69.0	6,179	9.9	19,073	23.4
1983, June [2]	82,489	63,291	76.7	56,939	69.0	6,351	10.0	19,198	23.3
Female:									
1960	61,582	23,240	37.7	21,874	35.5	1,366	5.9	38,343	62.3
1965	66,731	26,200	39.3	24,748	37.1	1,452	5.5	40,531	60.7
1970	72,782	31,543	43.3	29,688	40.8	1,855	5.9	41,239	56.7
1975	80,860	37,475	46.3	33,989	42.0	3,486	9.3	43,386	53.7
1977	83,840	40,613	48.4	37,289	44.5	3,324	8.2	43,227	51.6
1978	85,334	42,631	50.0	39,569	46.4	3,061	7.2	42,703	50.0
1979	86,843	44,235	50.9	41,217	47.5	3,018	6.8	42,608	49.1
1980	88,348	45,487	51.5	42,117	47.7	3,370	7.4	42,861	48.5
1981	89,618	46,696	52.1	43,000	48.0	3,696	7.9	42,922	47.8
1982	90,748	47,755	52.6	43,256	47.7	4,499	9.4	42,993	47.4
1983, June [2]	91,636	48,641	53.1	43,847	47.8	4,795	9.9	42,995	46.9
White:									
1960	105,282	61,915	58.8	58,850	55.9	3,065	5.0	43,367	41.1
1965	113,284	66,137	58.4	63,445	56.0	2,691	4.1	47,147	41.6
1970	122,174	73,556	60.2	70,217	57.5	3,339	4.5	48,618	39.8
1975	134,790	82,831	61.5	76,411	56.7	6,421	7.8	51,959	38.5
1977	139,380	87,141	62.5	81,700	58.6	5,441	6.2	52,236	37.5
1978	141,612	89,634	63.3	84,936	60.0	4,698	5.2	51,978	36.7
1979	143,894	91,923	63.9	87,259	60.6	4,664	5.1	51,971	36.1
1980	146,122	93,600	64.1	87,715	60.0	5,884	6.3	52,522	35.9
1981	147,908	95,052	64.3	88,709	60.0	6,343	6.7	52,856	35.7
1982	149,441	96,143	64.3	87,903	58.8	8,241	8.6	53,298	35.7
1983, June [2]	150,810	97,250	64.5	88,880	58.9	8,370	8.6	53,560	35.5
Black:									
1973	14,917	8,976	60.2	8,128	54.5	846	9.4	5,941	39.8
1975	15,751	9,263	58.8	7,894	50.1	1,369	14.8	6,488	41.2
1977	16,605	9,932	59.8	8,540	51.4	1,393	14.0	6,673	40.2
1978	16,970	10,432	61.5	9,102	53.6	1,330	12.8	6,538	38.5
1979	17,397	10,678	61.4	9,359	53.8	1,319	12.3	6,719	38.6
1980	17,824	10,865	61.0	9,313	52.2	1,553	14.3	6,959	39.0
1981	18,219	11,086	60.8	9,355	51.3	1,731	15.6	7,133	39.2
1982	18,584	11,331	61.0	9,189	49.4	2,142	18.9	7,254	39.0
1983, June [2]	18,911	11,783	62.3	9,352	49.5	2,432	20.6	7,128	37.7
Hispanic origin: [3]									
1973	6,104	3,673	60.2	3,396	55.6	277	7.5	2,431	39.8
1975	6,862	4,171	60.8	3,663	53.4	508	12.2	2,691	39.2
1977	7,362	4,536	61.6	4,079	55.4	456	10.1	2,826	38.4
1978	7,912	4,979	62.9	4,527	57.2	452	9.1	2,933	37.1
1979	8,207	5,219	63.6	4,785	58.3	434	8.3	2,988	36.4
1980	8,901	5,700	64.0	5,126	57.6	575	10.1	3,201	36.0
1981	9,310	5,972	64.1	5,348	57.4	624	10.4	3,338	35.9
1982	9,400	5,982	63.6	5,158	54.9	825	13.8	3,417	36.4
1983, June [2]	9,738	6,253	64.2	5,379	55.2	874	14.0	3,485	35.8

[1] Civilian employed as a percent of the noninstitutional population.
[2] Seasonally adjusted, except population figures. [3] Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings* monthly.

NO. 671. CIVILIAN LABOR FORCE AND PARTICIPATION RATES, BY RACE, SEX, AND AGE: 1960 TO 1982

[**Persons 16 years old and over.** Labor force data are annual averages of monthly figures. Rates are based on annual average civilian noninstitutional population of each specified group and represent proportion of each specified group in the civilian labor force. See also *Historical Statistics, Colonial Times to 1970,* series D 42-48]

RACE, SEX, AND AGE	CIVILIAN LABOR FORCE (millions)							PARTICIPATION RATE (percent)						
	1960	1965	1970	1975	1980	1981	1982	1960	1965	1970	1975	1980	1981	1982
Total [1]	**69.6**	**74.5**	**82.8**	**93.8**	**106.9**	**108.7**	**110.2**	**59.4**	**58.9**	**60.4**	**61.2**	**63.8**	**63.9**	**64.0**
White	61.9	66.1	73.6	82.8	93.6	95.1	96.1	58.8	58.4	60.2	61.5	64.1	64.3	64.3
Male	41.7	43.4	46.0	50.3	54.5	54.9	55.1	83.4	80.8	80.0	78.7	78.2	77.9	77.4
Female	20.2	22.7	27.5	32.5	39.1	40.2	41.0	36.5	38.1	42.6	45.9	51.2	51.9	52.4
Black and other [2]	7.7	8.3	9.2	9.3	10.9	11.1	11.3	64.5	62.9	61.8	58.8	61.0	60.8	61.0
Male	4.6	4.9	5.2	5.0	5.6	5.7	5.8	83.0	79.6	76.5	71.0	70.6	70.0	70.1
Female	3.1	3.5	4.0	4.2	5.3	5.4	5.5	48.2	48.6	49.5	48.9	53.2	53.5	53.7
Male	46.4	48.3	51.2	56.3	61.5	62.0	62.5	83.3	80.7	79.7	77.9	77.4	77.0	76.6
16-19 years	2.8	3.4	4.0	4.8	5.0	4.8	4.5	56.2	53.8	56.1	59.1	60.5	59.0	56.7
16 and 17 years	1.3	1.5	1.8	2.1	2.1	2.0	1.8	46.0	43.9	47.0	48.6	50.1	47.9	45.4
18 and 19 years	1.5	1.9	2.2	2.7	2.9	2.8	2.7	69.3	65.9	66.7	70.6	71.3	70.4	67.9
20-24 years	4.1	4.9	5.7	7.6	8.6	8.6	8.6	88.1	85.8	83.3	84.5	85.9	85.5	84.9
25-34 years	10.3	9.9	11.3	14.2	17.0	17.5	17.8	97.5	97.3	96.4	95.2	95.2	94.9	94.7
35-44 years	11.0	11.1	10.5	10.4	11.8	12.2	12.8	97.7	97.3	96.9	95.6	95.5	95.4	95.3
45-54 years	9.6	10.0	10.4	10.4	9.9	9.9	9.8	95.7	95.6	94.3	92.1	91.2	91.4	91.2
55-64 years	6.4	6.8	7.1	7.0	7.2	7.2	7.2	86.8	84.6	83.0	75.6	72.1	70.6	70.2
65 yr. and over	2.3	2.1	2.2	1.9	1.9	1.9	1.8	33.1	27.9	26.8	21.6	19.0	18.4	17.8
Female	23.2	26.2	31.5	37.5	45.5	46.7	47.8	37.7	39.3	43.3	46.3	51.5	52.1	52.6
16-19 years	2.1	2.5	3.2	4.1	4.4	4.2	4.1	39.3	38.0	44.0	49.1	52.9	51.8	51.4
16 and 17 years	.8	1.3	1.3	1.7	1.8	1.7	1.6	29.1	27.7	34.9	40.2	43.6	42.5	41.0
18 and 19 years	1.3	1.6	1.9	2.4	2.6	2.5	2.5	50.9	49.3	53.5	58.1	61.9	60.9	61.2
20-24 years	2.6	3.4	4.9	6.2	7.3	7.5	7.5	46.1	49.9	57.7	64.1	68.9	69.6	69.8
25-34 years	4.1	4.3	5.7	8.7	12.3	12.9	13.4	36.0	38.5	45.0	54.9	65.5	66.7	68.0
35-44 years	5.3	5.7	6.0	6.5	8.6	9.0	9.7	43.4	46.1	51.1	55.8	65.5	66.8	68.0
45-54 years	5.3	5.7	6.5	6.7	7.0	7.1	7.1	49.8	50.9	54.4	54.6	59.9	61.1	61.6
55-64 years	3.0	3.6	4.2	4.3	4.7	4.8	4.9	37.2	41.1	43.0	40.9	41.3	41.4	41.8
65 yr. and over	.9	1.0	1.1	1.0	1.2	1.2	1.2	10.8	10.0	9.7	8.2	8.1	8.0	7.9

[1] Beginning 1975, includes other races not shown separately. [2] Beginning 1975, Black only.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly.

NO. 672. CIVILIAN LABOR FORCE—PERCENT DISTRIBUTION, BY SEX AND AGE: 1960 TO 1982

[Annual average of monthly figures. See *Historical Statistics, Colonial Times to 1970,* series D 29-41, for similar but not exactly comparable data]

YEAR AND SEX	Civilian labor force (1,000)	PERCENT DISTRIBUTION						
		16-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 yr. and over
Total: 1960	69,628	7.0	9.6	20.7	23.4	21.3	13.5	4.6
1965	74,455	7.9	11.1	19.1	22.6	21.2	13.9	4.2
1970	82,771	8.8	12.8	20.6	19.9	20.5	13.6	3.9
1975	93,775	9.5	14.7	24.4	18.0	18.2	12.1	3.2
1977	99,009	9.4	15.0	25.8	18.1	17.0	11.7	3.0
1978	102,251	9.4	15.0	26.1	18.4	16.5	11.5	3.0
1979	104,962	9.2	15.0	26.6	18.8	16.1	11.4	3.0
1980	106,940	8.8	14.9	27.3	19.1	15.8	11.2	2.9
1981	108,670	8.3	14.8	28.0	19.5	15.6	11.0	2.8
1982	110,204	7.7	14.6	28.3	20.4	15.3	10.9	2.7
Male: 1960	46,388	6.0	8.9	22.1	23.6	20.6	13.8	4.9
1965	48,255	7.0	10.1	20.5	23.0	20.8	14.0	4.4
1970	51,228	7.8	11.2	22.1	20.4	20.3	13.9	4.2
1975	56,299	8.5	13.4	25.2	18.5	18.5	12.5	3.4
1977	58,396	8.6	13.9	26.3	18.4	17.4	12.2	3.2
1978	59,620	8.6	14.0	26.5	18.7	16.9	12.0	3.2
1979	60,726	8.4	14.1	27.0	19.0	16.5	11.9	3.2
1980	61,453	8.1	14.0	27.6	19.3	16.1	11.8	3.1
1981	61,974	7.7	14.0	28.2	19.6	15.9	11.6	3.0
1982	62,450	7.2	13.8	28.5	20.5	15.7	11.5	3.0
Female: 1960	23,240	8.8	11.1	17.8	22.8	22.7	12.8	3.9
1965	26,200	9.6	12.8	16.5	21.8	21.8	13.7	3.7
1970	31,543	10.3	15.5	18.1	18.9	20.7	13.2	3.3
1975	37,475	10.8	16.5	23.1	17.4	17.8	11.5	2.8
1977	40,613	10.6	16.5	25.0	17.7	16.5	11.0	2.7
1978	42,631	10.6	16.5	25.5	18.0	16.0	10.8	2.7
1979	44,235	10.2	16.4	26.1	18.4	15.6	10.7	2.6
1980	45,487	9.6	16.1	26.9	19.0	15.4	10.4	2.6
1981	46,696	9.0	16.0	27.7	19.4	15.2	10.3	2.5
1982	47,755	8.5	15.7	28.0	20.2	14.9	10.2	2.5

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly.

No. 673. Characteristics of the Civilian Labor Force, By State: 1982

[**In thousands, except ratio and rate.** Persons 16 years old and over. Annual averages of monthly figures. U.S. totals derived by independent population controls; therefore State data may not add to U.S. totals. For composition of regions, see fig. I inside front cover.]

Region, division and state	Total		Employed		Employed/ population ratio [1]	Unemployed					Participation rate [3]	
						Total		Rate [2]				
	Number	Female	Total	Female		Number	Female	Total	Male	Female	Male	Female
U.S.	**110,204**	**47,755**	**99,526**	**43,256**	**57.8**	**10,678**	**4,499**	**9.7**	**9.9**	**9.4**	**76.6**	**52.6**
Regions:												
Northeast	23,504	10,172	21,396	9,301	56.4	2,108	871	9.0	9.3	8.6	75.1	50.4
North Central	28,537	12,310	25,370	11,041	57.9	3,168	1,269	11.1	11.7	10.3	77.8	53.7
South	36,275	15,817	33,030	14,354	57.5	3,245	1,463	8.9	8.7	9.2	75.8	51.9
West	21,911	9,464	19,752	8,567	59.6	2,159	897	9.9	10.1	9.5	78.1	55.0
N. Eng	**6,373**	**2,814**	**5,875**	**2,601**	**61.3**	**497**	**213**	**7.8**	**8.0**	**7.6**	**78.5**	**55.7**
Maine	515	221	470	202	56.0	44	19	8.6	8.6	8.5	73.1	50.4
N.H	487	212	452	196	63.1	36	16	7.4	7.2	7.6	80.6	56.7
Vt	265	116	247	108	63.5	18	8	6.9	6.9	6.8	80.0	57.5
Mass	3,016	1,340	2,778	1,242	62.0	239	99	7.9	8.3	7.4	79.3	56.7
R.I	462	215	433	192	58.6	49	23	10.2	9.8	10.7	77.0	54.9
Conn	1,608	710	1,497	662	61.7	111	48	6.9	7.1	6.7	78.5	55.4
Mid. Atl	**17,131**	**7,358**	**15,521**	**6,700**	**54.7**	**1,611**	**658**	**9.4**	**9.7**	**8.9**	**73.9**	**47.7**
N.Y	8,026	3,466	7,339	3,166	54.3	687	300	8.6	8.5	8.7	73.0	47.7
N.J	3,624	1,562	3,299	1,415	57.9	325	147	9.0	8.6	9.4	76.8	51.8
Pa	5,482	2,331	4,883	2,119	53.5	599	211	10.9	12.3	9.1	73.4	48.1
E. No. Cent	**20,028**	**8,609**	**17,523**	**7,604**	**56.6**	**2,505**	**1,005**	**12.5**	**13.1**	**11.7**	**77.6**	**53.1**
Ohio	5,122	2,176	4,481	1,930	55.6	640	246	12.5	13.4	11.3	76.9	51.5
Ind	2,594	1,127	2,284	1,000	56.4	310	127	11.9	12.5	11.2	76.7	52.8
Ill	5,587	2,409	4,954	2,152	58.1	632	256	11.3	11.8	10.6	79.0	53.4
Mich	4,276	1,813	3,615	1,538	53.5	661	274	15.5	15.7	15.1	75.9	51.7
Wis	2,450	1,084	2,189	983	61.6	261	101	10.7	11.7	9.3	80.1	58.7
W. No. Cent	**8,509**	**3,701**	**7,847**	**3,437**	**61.1**	**663**	**264**	**7.8**	**8.3**	**7.1**	**78.3**	**55.2**
Minn	2,166	959	1,997	890	65.1	169	70	7.8	8.3	7.3	80.8	60.9
Iowa	1,418	603	1,297	563	60.0	121	40	8.5	10.0	6.6	78.2	53.9
Mo	2,311	1,002	2,097	910	56.5	214	91	9.2	9.3	9.1	74.8	51.1
N. Dak	315	130	297	122	62.1	18	8	5.9	5.9	5.8	78.5	53.7
S. Dak	328	140	310	132	62.7	18	8	5.5	5.2	5.9	78.6	54.8
Nebr	787	351	739	331	63.7	48	20	6.1	6.5	5.6	80.1	56.9
Kans	1,185	516	1,111	488	62.7	74	28	6.3	7.0	5.4	79.7	55.4
So. Atl	**18,006**	**8,100**	**16,435**	**7,373**	**57.5**	**1,572**	**727**	**8.7**	**8.5**	**9.0**	**74.6**	**53.0**
Del	299	134	273	124	60.3	25	10	8.5	9.2	7.6	77.5	55.8
Md	2,161	969	1,978	888	61.4	183	81	8.4	8.6	8.3	79.0	56.6
D.C	315	161	282	146	56.7	33	15	10.6	12.0	9.2	71.0	57.5
Va	2,650	1,212	2,447	1,110	60.8	204	101	7.7	7.1	8.4	77.4	56.0
W. Va	769	299	662	264	45.5	107	34	13.9	15.5	11.5	69.1	38.6
N.C	2,944	1,325	2,678	1,189	60.3	266	136	9.0	8.0	10.2	77.2	56.5
S.C	1,486	689	1,325	614	57.8	161	75	10.8	10.8	10.9	76.7	55.0
Ga	2,658	1,198	2,451	1,097	60.1	207	100	7.8	7.3	8.4	77.5	54.6
Fla	4,728	2,115	4,342	1,940	53.5	386	175	8.2	8.1	8.3	69.0	48.8
E. So. Cent	**6,577**	**2,851**	**5,784**	**2,497**	**53.3**	**793**	**354**	**12.1**	**11.8**	**12.4**	**74.0**	**49.0**
Ky	1,675	710	1,497	639	55.8	178	72	10.6	11.0	10.1	76.0	50.3
Tenn	2,131	931	1,879	812	54.0	252	118	11.8	11.1	12.7	74.2	50.0
Ala	1,713	743	1,466	632	50.7	247	111	14.4	14.0	14.9	73.5	47.2
Miss	1,058	467	941	414	52.2	117	53	11.0	10.7	11.4	71.6	47.8
W. So. Cent	**11,692**	**4,866**	**10,812**	**4,485**	**60.0**	**880**	**381**	**7.5**	**7.3**	**7.8**	**78.7**	**52.0**
Ark	1,018	455	919	404	54.5	99	51	9.8	8.5	11.3	72.2	50.2
La	1,855	746	1,664	663	53.7	192	83	10.3	9.8	11.1	75.8	45.7
Okla	1,468	619	1,384	589	59.6	83	30	5.7	6.3	4.8	76.8	50.9
Tex	7,353	3,047	6,848	2,830	62.7	505	217	6.9	6.7	7.1	80.9	54.4
Mt	**5,730**	**2,421**	**5,229**	**2,218**	**61.0**	**500**	**204**	**8.7**	**9.0**	**8.4**	**79.1**	**55.1**
Mont	391	159	358	147	61.2	34	12	8.6	9.4	7.4	79.8	54.2
Idaho	439	186	396	169	58.8	43	18	9.8	10.1	9.5	77.5	53.7
Wyo	253	104	238	99	67.3	15	5	5.8	6.4	5.0	82.8	59.8
Colo	1,577	669	1,455	621	65.0	122	48	7.7	8.2	7.1	82.7	58.6
N.Mex	592	248	538	223	55.9	54	25	9.2	8.6	9.9	75.0	49.4
Ariz	1,324	572	1,192	517	56.9	131	55	9.9	10.1	9.7	74.4	52.7
Utah	668	273	616	252	61.1	52	21	7.8	7.9	7.6	80.5	52.8
Nev	485	211	436	190	66.0	49	20	10.1	10.6	9.6	84.3	62.9
Pac	**16,181**	**7,042**	**14,522**	**6,348**	**59.2**	**1,658**	**694**	**10.2**	**10.6**	**9.9**	**77.8**	**55.0**
Wash	2,012	853	1,768	756	56.3	244	97	12.1	12.7	11.4	75.9	52.9
Oreg	1,315	552	1,164	489	58.4	152	63	11.5	11.6	11.5	78.7	54.1
Calif	12,189	5,336	10,978	4,823	59.5	1,211	513	9.9	10.2	9.6	78.0	55.2
Alaska	207	91	187	83	65.2	21	8	9.9	11.0	8.5	83.0	62.8
Hawaii	458	212	428	199	62.4	31	13	6.7	7.3	5.9	75.5	58.9

[1] Civilian employment as a percent of civilian noninstitutional population. [2] Percent unemployed of the civilian labor force. [3] Percent of civilian noninstitutional population of each specified group in the civilian labor force.

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 1982.*

NO. 674. CIVILIAN LABOR FORCE—EMPLOYMENT STATUS, BY SEX, RACE, AND AGE: 1982

[**Persons 16 years old and over;** civilian noninstitutional population. Annual averages of monthly figures]

AGE AND RACE	CIVILIAN LABOR FORCE			MALE (1,000)			FEMALE (1,000)			PERCENT OF LABOR FORCE			
	Total (1,000)	Percent by age		Total	Employed	Unemployed	Total	Employed	Unemployed	Employed		Unemployed	
		Male	Female							Male	Female	Male	Female
All workers [1]	**110,204**	**100.0**	**100.0**	**62,450**	**56,271**	**6,179**	**47,755**	**43,256**	**4,499**	**90.1**	**90.6**	**9.9**	**9.4**
16–19 yrs	8,525	7.2	8.5	4,470	3,379	1,090	4,056	3,170	886	75.6	78.2	24.4	21.8
20–24 yrs	16,082	13.8	15.7	8,604	7,197	1,407	4,477	6,492	985	83.6	86.8	16.4	13.2
25–34 yrs	31,186	28.5	28.0	17,793	16,002	1,791	13,393	12,147	1,246	89.9	90.7	10.1	9.3
35–44 yrs	22,431	20.5	20.2	12,781	11,902	879	9,651	8,977	673	93.1	93.0	6.9	7.0
45–54 yrs	16,889	15.7	14.9	9,784	9,234	550	7,105	6,689	416	94.4	94.1	5.6	5.9
55–64 yrs	12,062	11.5	10.2	7,174	6,781	393	4,888	4,634	254	94.5	94.8	5.5	5.2
65 yrs. and over	3,030	3.0	2.5	1,845	1,776	69	1,185	1,147	38	96.3	96.8	3.7	3.2
White	**96,143**	**100.0**	**100.0**	**55,133**	**50,287**	**4,846**	**41,010**	**37,615**	**3,395**	**91.2**	**91.7**	**8.8**	**8.3**
16–19 yrs	7,518	7.1	8.7	3,933	3,079	854	3,585	2,905	680	78.3	81.0	21.7	19.0
20–24 yrs	13,866	13.5	15.7	7,438	6,372	1,066	6,428	5,724	704	85.7	89.0	14.3	11.0
25–34 yrs	26,814	28.2	27.5	15,549	14,164	1,385	11,264	10,367	898	91.1	92.0	8.9	8.0
35–44 yrs	19,491	20.5	20.0	11,289	10,593	696	8,202	7,675	527	93.8	93.6	6.2	6.4
45–54 yrs	14,879	15.8	15.0	8,727	8,267	460	6,152	5,816	337	94.7	94.5	5.3	5.5
55–64 yrs	10,832	11.8	10.5	6,520	6,188	331	4,313	4,095	217	94.9	94.9	5.1	5.0
65 yrs. and over	2,742	3.0	2.6	1,677	1,624	53	1,065	1,032	33	96.8	96.9	3.2	3.1
Black	**11,331**	**100.0**	**100.0**	**5,804**	**4,637**	**1,167**	**5,527**	**4,552**	**975**	**79.9**	**82.4**	**20.1**	**17.6**
16–19 yrs	824	7.5	7.0	436	223	213	387	205	182	51.1	53.0	48.9	47.0
20–24 yrs	1,849	16.6	16.0	964	660	304	885	623	261	68.5	70.4	31.5	29.5
25–34 yrs	3,492	30.5	31.2	1,769	1,414	355	1,723	1,416	307	79.9	82.2	20.1	17.8
35–44 yrs	2,303	19.8	20.8	1,152	997	154	1,151	1,028	123	86.5	89.3	13.4	10.7
45–54 yrs	1,610	14.2	14.2	824	750	74	786	719	67	91.0	91.5	9.0	8.5
55–64 yrs	1,012	9.0	8.8	525	471	54	487	457	29	89.7	93.8	10.3	6.0
65 yrs. and over	243	2.3	2.0	135	122	12	108	103	5	90.4	95.4	8.9	4.6

[1] Includes other races not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly.

NO. 675. EMPLOYED PERSONS, BY SELECTED CHARACTERISTICS: 1970 TO 1982

[**In thousands of persons 16 years old and over;** civilian noninstitutional population. Annual averages of monthly figures]

AGE, SEX, AND MARITAL STATUS	1970	1975	1977	1978	1979	1980	1981	1982
Total employed	**78,678**	**85,846**	**92,017**	**96,048**	**98,824**	**99,303**	**100,397**	**99,526**
16–19 years	6,144	7,104	7,688	8,070	8,083	7,710	7,225	6,549
20–24 years	9,731	11,885	13,196	13,887	14,327	14,087	14,122	13,690
25–34 years	16,318	21,087	23,850	25,281	26,492	27,204	28,180	28,149
35–44 years	15,922	15,953	17,157	18,128	18,981	19,523	20,145	20,879
45–54 years	16,473	16,190	16,212	16,338	16,357	16,234	16,255	15,923
55–64 years	10,974	10,827	11,126	11,400	11,585	11,586	11,525	11,414
65 years and over	3,118	2,801	2,787	2,946	2,999	2,960	2,945	2,923
Male	**48,990**	**51,857**	**54,728**	**56,479**	**57,607**	**57,186**	**57,397**	**56,271**
16–19 years	3,409	3,839	4,174	4,336	4,300	4,085	3,815	3,379
20–24 years	5,237	6,484	7,232	7,559	7,791	7,532	7,504	7,197
25–34 years	10,936	13,205	14,483	15,124	15,688	15,832	16,266	16,002
35–44 years	10,216	9,891	10,399	10,845	11,202	11,355	11,613	11,902
45–54 years	10,170	9,902	9,832	9,806	9,735	9,548	9,478	9,234
55–64 years	6,928	6,722	6,848	6,954	7,015	6,999	6,909	6,781
65 years and over	2,094	1,811	1,761	1,855	1,876	1,835	1,812	1,776
Female	**29,688**	**33,989**	**37,289**	**39,569**	**41,217**	**42,117**	**43,000**	**43,256**
16–19 years	2,735	3,263	3,514	3,734	3,783	3,625	3,411	3,170
20–24 years	4,494	5,401	5,965	6,328	6,538	6,555	6,618	6,492
25–34 years	5,382	7,882	9,367	10,157	10,802	11,370	11,914	12,147
35–44 years	5,706	6,061	6,758	7,282	7,779	8,168	8,532	8,977
45–54 years	6,303	6,288	6,380	6,532	6,622	6,686	6,777	6,689
55–64 years	4,046	4,105	4,279	4,446	4,569	4,587	4,616	4,634
65 years and over	1,023	989	1,027	1,091	1,124	1,125	1,133	1,147
Male: Married, spouse present	37,982	38,249	38,905	39,267	39,740	39,004	38,882	38,074
Single (never-married)	8,426	10,313	11,937	12,915	13,424	13,515	13,577	13,304
Widowed, divorced, separated	2,582	3,294	3,885	4,298	4,443	4,668	4,938	4,892
Female: Married, spouse present	17,572	19,788	21,291	22,239	23,126	23,532	23,915	24,053
Single (never-married)	6,613	7,943	9,063	9,861	10,386	10,567	10,685	10,765
Widowed, divorced, separated	5,505	6,258	6,936	7,469	7,706	8,018	8,400	8,438

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly; and unpublished data.

No. 676. Persons of Spanish Origin—Civilian Labor Force Participation: 1975 to 1982

[Persons 16 years old and over. As of March. Based on Current Population Survey; see text, p. 2]

ITEM	1975 [1]			1980 [3]			1982 [3]		
	Total [2]	Mexican	Puerto Rican	Total [2]	Mexican	Puerto Rican	Total [2]	Mexican	Puerto Rican
Total (1,000)	**6,724**	**3,921**	**972**	**8,431**	**5,008**	**1,082**	**9,257**	**5,578**	**1,213**
Percent in labor force: Male	78.8	79.8	73.5	79.9	82.8	72.2	80.5	83.6	71.5
Female	*42.3*	*42.1*	*33.5*	*48.0*	*49.6*	*35.0*	*48.7*	*49.7*	*35.6*
Percent unemployed: Male	13.1	12.2	19.3	8.3	8.4	11.5	13.3	13.0	20.8
Female	12.2	11.9	14.7	10.5	11.8	13.0	13.5	13.9	11.7
Employed (1,000)	3,510	2,094	408	4,857	3,005	487	5,124	3,208	516
Percent: White collar	33.0	28.6	33.7	35.0	31.0	35.3	36.5	32.1	41.3
Blue collar	46.7	49.4	44.1	45.2	47.7	44.5	43.2	46.5	41.3
Farm	3.5	5.4	1.3	3.4	4.7	1.0	3.2	4.9	.2
Service	16.8	16.6	20.9	16.5	16.6	19.3	17.1	16.5	17.2

[1] Estimates based on 1970 census population controls. [2] Includes persons of Cuban, Central or South American, and other Spanish origin, not shown separately. [3] Estimates based on 1980 census population controls.

Source: U.S. Bureau of the Census, *Current Population Reports, series P-20, Nos. 290 and 361, and unpublished data.*

No. 677. Full- and Part-Time Status of the Civilian Labor Force: 1965 to 1982

[In thousands, except percent. Persons 16 years old and over, except as indicated. Annual averages of monthly figures. The part-time (working less than 35 hours per week) labor force consists of persons working part-time voluntarily and unemployed persons seeking part-time work]

ITEM	FULL-TIME					PART-TIME				
	1965	1970	1975	1980	1982	1965	1970	1975	1980	1982
Civilian labor force	**65,929**	**71,069**	**80,117**	**91,295**	**94,293**	**8,527**	**11,703**	**13,659**	**15,644**	**15,912**
Percent of total	88.5	85.9	85.4	85.4	85.6	11.4	14.1	14.6	14.6	14.4
Employed	63,138	67,863	73,595	85,027	85,287	7,952	10,814	12,251	14,275	14,239
Unemployed	2,791	3,206	6,523	6,269	9,006	575	889	1,408	1,369	1,672
Percent [1]	4.2	4.5	8.1	6.9	9.6	6.7	7.6	10.3	8.8	10.5
Males, 20 yr. and over	43,243	44,962	48,895	53,571	54,953	1,616	2,259	2,601	2,883	3,028
Employed	41,892	43,460	45,640	50,405	50,124	1,530	2,122	2,378	2,697	2,767
Unemployed	1,351	1,502	3,255	3,167	4,829	86	137	223	186	260
Percent [1]	3.1	3.3	6.7	5.9	8.8	5.3	6.1	8.6	6.5	8.6
Females, 20 yr. and over	19,138	22,226	26,359	32,722	34,921	4,550	6,074	7,052	8,383	8,777
Employed	18,260	21,149	24,148	30,588	31,897	4,371	5,803	6,578	7,904	8,189
Unemployed	878	1,077	2,210	2,135	3,024	179	271	474	480	588
Percent [1]	4.6	4.8	8.4	6.5	8.7	3.9	4.5	6.7	5.7	6.7
Persons, 16-19 yr	3,549	3,881	4,664	5,001	4,419	2,361	3,370	4,005	4,377	4,107
Employed	2,986	3,254	3,807	4,035	3,266	2,050	2,889	3,295	3,676	3,283
Unemployed	563	626	1,057	966	1,153	311	480	709	701	824
Percent [1]	15.9	16.1	21.7	19.3	26.1	13.2	14.3	17.7	16.0	20.1

[1] Unemployed as percent of civilian labor force in specified group.

No. 678. Persons Not in the Labor Force—Job Desire and Reasons for Not Seeking Work 1970 to 1982, and by Race and Sex, 1982

[In thousands, except percent. Persons 16 years old and over. Annual averages of quarterly data]

JOB DESIRE AND REASON	1970	1975	1979	1980	1981	1982				
						Total	Percent distribution			
							Male	Female	White	Black
Not in labor force [1]	**54,315**	**59,377**	**59,900**	**60,806**	**61,460**	**62,067**	(X)	(X)	(X)	(X)
Do not want job now [2]	50,429	54,102	54,472	55,131	55,623	55,507	100.0	100.0	100.0	100.0
In school	6,056	6,393	6,144	6,350	6,430	6,427	19.2	8.3	10.4	17.6
Ill or disabled	3,872	4,834	4,610	4,460	4,271	4,034	13.0	4.8	6.7	12.4
Keeping house	32,178	31,666	29,581	29,278	28,780	28,409	1.8	72.7	52.7	39.5
Retired	5,924	7,970	10,143	10,963	11,821	12,325	52.3	9.1	22.9	18.3
Want a job now, but not looking, total	3,881	5,271	5,427	5,675	5,835	6,559	100.0	100.0	100.0	100.0
In school	1,076	1,462	1,470	1,511	1,558	1,732	41.7	18.6	26.0	26.2
Ill or disabled	489	680	757	755	769	769	14.7	10.2	11.3	13.4
Keeping house	907	1,125	1,268	1,267	1,280	1,391	-	32.0	21.8	19.8
Think cannot get a job	639	1,093	771	993	1,103	1,568	26.5	22.6	22.2	29.1
Other reasons	770	909	1,161	1,148	1,125	1,099	17.0	16.6	18.7	11.5

- Represents zero or rounds to zero. X Not applicable. [1] Detail may not add to total because of difference in weighting patterns. [2] Includes reasons not shown separately.

Source: of tables 677 and 678: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly.

No. 679. Labor Force Status, by Work Disability, Sex and Age: 1981

[**In thousands, except percent.** As of **March.** For civilian noninstitutional population, 16-64 years old]

Sex and age	With a work disability						Without a work disability					
	Total	Percent of population—				Unemployment rate [1]	Total	Percent of population—				Unemployment rate [1]
		In labor force	Employed		Not in labor force			In labor force	Employed		Not in labor force	
			Total	Full time					Total	Full time		
Total	**13,070**	**32.8**	**27.1**	**19.8**	**67.2**	**17.3**	**133,365**	**76.1**	**68.8**	**55.2**	**23.9**	**9.6**
Male, total	6,670	41.5	34.5	27.4	58.5	16.9	64,250	88.8	79.7	70.4	11.2	10.2
16-24 years old	611	41.8	28.9	16.2	58.2	30.9	17,470	71.1	56.9	37.4	28.9	19.9
25-34 years old	1,025	59.7	45.8	37.6	40.3	23.3	17,665	96.4	86.6	80.1	3.6	10.1
35-44 years old	986	56.3	44.8	36.7	43.7	20.4	12,223	98.3	92.1	87.8	1.7	6.4
45-54 years old	1,376	44.2	38.5	32.5	55.8	12.9	9,367	97.4	92.2	87.4	2.6	5.3
55-64 years old	2,674	27.8	25.7	20.1	72.2	7.3	7,524	85.8	80.9	74.6	14.2	5.7
Female, total	6,400	23.7	19.4	11.9	76.3	18.3	69,115	64.3	58.6	41.0	35.7	8.8
16-24 years old	587	41.1	30.6	17.1	58.9	25.5	18,087	59.8	50.9	28.7	40.2	14.8
25-34 years old	*912*	*40.5*	*31.0*	*20.9*	*59.5*	*23.5*	*18,701*	*69.4*	*63.6*	*48.1*	*30.6*	*8.4*
35-44 years old	950	30.7	25.1	17.4	69.3	18.2	13,046	70.5	66.0	47.6	29.5	6.4
45-54 years old	1,355	21.6	19.3	11.9	78.4	11.0	10,206	67.0	63.0	46.9	33.0	5.9
55-64 years old	2,597	12.4	10.7	5.6	87.6	13.5	9,075	50.5	48.3	34.9	49.5	4.5

[1] Percent unemployed of the civilian labor force.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 127

No. 680. Civilian Labor Force—Years of School Completed, by Sex, Race, and Hispanic Origin: 1982

[**Persons 16 years old and over;** noninstitutional population. As of **March.** See headnote, table 681]

Employment status, sex, race, and Hispanic origin	Population, 16 yr. old and over (1,000)	Percent distribution of school years completed							
		Elementary school			High school		College		
		0-4 years	5-7 years	8 years	1-3 years	4 years	1-3 years	4 years	5 years or more
Total	**171,666**	**2.5**	**4.7**	**6.3**	**17.7**	**37.7**	**16.1**	**8.9**	**6.2**
Civilian labor force	108,762	1.1	2.7	3.5	14.3	41.0	18.0	11.1	8.2
Employed	98,208	1.0	2.6	3.3	13.0	40.8	18.6	11.7	8.9
Unemployed	10,554	2.0	3.8	4.9	26.6	43.6	12.7	4.8	1.7
Not in labor force	62,905	4.9	8.1	11.1	23.5	32.0	12.7	5.1	2.6
Male, total	81,231	2.7	4.7	6.2	17.6	34.4	16.3	9.9	8.2
Civilian labor force	61,666	1.4	3.2	4.0	14.8	37.9	17.3	11.6	9.7
Employed	55,313	1.3	3.2	3.9	13.3	37.5	17.9	12.4	10.6
Unemployed	6,354	2.3	4.0	5.3	27.9	41.4	12.6	4.8	1.8
Not in labor force	19,564	6.7	9.3	13.0	26.4	23.4	13.3	4.5	3.5
Female, total	90,436	2.4	4.7	6.3	17.8	40.8	15.8	8.0	4.3
Civilian labor force	47,095	.8	2.0	2.8	13.7	45.2	18.9	10.3	6.2
Employed	42,895	.7	1.9	2.6	12.7	45.0	19.5	10.9	6.7
Unemployed	4,200	1.5	3.6	4.2	24.6	46.9	13.0	4.7	1.5
Not in labor force	43,341	4.1	7.5	10.2	22.1	35.9	12.4	5.4	2.3
White, total	149,136	2.1	4.2	6.3	16.8	38.6	16.2	9.3	6.5
Civilian labor force	95,107	1.0	2.4	3.4	13.7	41.5	18.0	11.4	8.6
Employed	86,904	.9	2.3	3.3	12.4	41.3	18.5	12.1	9.2
Unemployed	8,203	1.7	3.7	5.2	27.0	43.6	12.0	4.9	1.9
Not in labor force	54,029	3.9	7.5	11.5	22.2	33.3	13.2	5.5	2.8
Black, total	18,480	5.5	8.3	6.0	25.7	33.1	14.4	4.6	2.5
Civilian labor force	11,067	2.0	5.5	4.0	20.9	39.4	18.0	6.6	3.6
Employed	8,978	1.9	5.8	4.0	19.6	38.5	18.7	7.3	4.2
Unemployed	2,090	*2.5*	*4.2*	*3.9*	*26.7*	*43.2*	*15.1*	*3.6*	.8
Not in labor force	7,412	10.7	12.4	8.9	32.8	23.6	9.1	1.7	.9
Hispanic origin,[1] total	9,227	11.6	14.6	8.2	21.0	27.7	10.8	4.0	2.1
Civilian labor force	5,916	8.5	12.9	7.0	18.1	32.0	13.6	5.2	2.7
Employed	5,124	8.2	12.6	6.9	16.4	32.7	14.5	5.7	3.0
Unemployed	792	10.2	14.8	8.1	29.5	27.3	7.2	2.3	.6
Not in labor force	3,311	17.0	17.7	10.3	26.1	20.1	5.8	1.8	1.2

[1] Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Bulletin*, forthcoming.

No. 681. School Enrollment and Labor Force Status of Civilians 16 to 24 Years Old, by Selected Characteristics: 1975 and 1982

[In thousands, except percent. As of October; noninstitutional population. Based on Current Population Survey; see text, p. 2. Persons of Hispanic origin may be of any race]

Characteristic	Population		Civilian labor force			Employed		Unemployed		
	1975 [1]	1982	1975,[1] total	1982		1975 [1]	1982	1975,[1] total	1982	
				Total	Percent [2]				Total	Rate [3]
Total, 16 to 24 years	**35,179**	**36,452**	**22,158**	**24,076**	**66.0**	**18,848**	**19,745**	**3,315**	**4,331**	**18.0**
Enrolled in school	15,457	15,624	6,805	7,194	46.0	5,784	5,992	1,023	1,202	16.7
16 to 19 years	11,266	10,725	4,587	4,398	41.0	3,805	3,482	786	916	20.8
20 to 24 years	4,191	4,897	2,218	2,796	57.1	1,979	2,510	237	286	10.2
Male	8,184	7,991	3,645	3,628	45.5	3,104	2,954	540	674	18.6
Female	7,273	7,633	3,160	3,566	46.7	2,680	3,038	483	528	14.8
College level	7,296	7,923	3,484	4,222	53.3	3,111	3,726	381	496	11.7
Full-time	6,121	6,546	2,463	2,992	45.7	2,141	2,611	322	381	12.7
White	13,193	13,010	6,154	6,400	49.2	5,293	5,458	862	942	14.7
Below college	6,768	6,206	3,028	2,668	43.0	2,472	2,103	550	565	21.2
College level	6,425	6,804	3,132	3,730	54.8	2,821	3,350	312	380	10.2
Black [4]	2,231	2,062	643	591	28.7	483	374	158	217	36.7
Below college	1,412	1,274	296	237	18.6	200	112	94	125	52.7
College	817	788	347	350	44.4	283	257	64	93	26.6
Hispanic	868	955	319	330	34.6	261	256	60	74	22.4
Below college	554	605	166	142	23.5	117	90	47	52	36.6
College	314	351	153	189	53.8	144	165	13	24	12.7
Not enrolled	19,722	20,828	15,353	16,882	81.1	13,064	13,753	2,292	3,129	18.5
White	16,888	17,481	13,400	14,457	82.7	11,626	12,193	1,778	2,264	15.7
Black	2,813	2,923	1,940	2,109	72.2	1,424	1,295	517	814	38.6
Hispanic	1,147	1,643	790	1,171	71.3	630	920	159	251	21.4

[1] Based on 1980 census population controls. [2] Percent of noninstitutional population. [3] Percent of labor force in each category. [4] Black and other in 1975.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Bulletin 191;* news release 83-160, and unpublished data.

No. 682. Civilian Labor Force Participation Rates, by Marital Status, Sex, and Age: 1960 to 1982

[See table 673 for definition of participation rate]

Year and marital status	Male participation rate					Female participation rate				
	16-19 years	20-24 years	25-44 years	45-64 years	65 and over	16-19 years	20-24 years	25-44 years	45-64 years	65 and over
1960: Married, spouse present	[1]91.5	97.1	98.7	93.7	36.6	[1]27.2	31.7	33.1	36.0	6.7
Single	[1]42.6	80.3	90.5	80.1	31.2	[1]30.2	77.2	83.2	79.8	24.3
Other [2]	[1]68.8	96.9	94.7	83.2	22.7	[1]43.6	58.0	67.2	60.0	11.4
1965: Married, spouse present	[1]88.0	96.4	98.5	92.6	31.0	[1]30.6	37.1	36.2	39.5	6.7
Single	[1]40.9	75.7	89.0	78.1	23.2	[1]28.8	72.9	82.4	76.1	22.4
Other [2]	[1]77.8	96.6	93.8	80.8	18.7	[1]42.1	59.2	67.2	61.6	10.5
1970: Married, spouse present	92.3	94.7	98.0	91.2	29.9	37.8	47.9	42.7	44.0	7.3
Single	54.6	73.8	87.4	75.7	25.2	44.7	73.0	80.5	73.0	19.7
Other [2]	68.8	90.4	92.3	78.5	18.3	48.5	60.3	67.2	61.9	10.0
1975: Married, spouse present	92.9	95.3	97.3	86.8	23.3	46.2	57.0	50.0	43.8	7.0
Single	57.9	77.9	86.0	69.9	21.0	49.6	72.5	80.3	68.3	15.8
Other [2]	70.6	88.8	91.1	73.4	15.4	47.6	65.3	68.9	59.0	8.3
1980: Married, spouse present	91.3	96.9	97.3	84.3	20.5	49.3	61.4	60.1	46.9	7.3
Single	59.9	81.3	87.9	66.9	16.8	53.6	75.2	82.0	65.6	13.3
Other [2]	75.0	92.6	93.1	73.3	13.7	50.0	68.4	76.8	60.2	8.2
1981: Married, spouse present	92.4	96.5	97.2	83.5	19.9	47.2	62.1	61.3	47.4	7.1
Single	58.2	80.9	87.8	64.6	19.9	52.3	75.4	82.5	64.3	11.9
Other [2]	80.0	91.9	92.5	79.0	13.0	53.4	69.9	77.7	60.1	8.2
1982: Married, spouse present	91.9	96.3	97.1	83.2	19.0	50.8	62.2	62.6	47.8	7.1
Single	55.9	80.4	88.4	64.1	17.6	51.5	75.7	83.0	64.8	13.0
Other [2]	90.0	93.3	92.5	72.7	12.8	53.4	67.7	77.8	60.5	7.9

[1] 14 to 19 years old. [2] Widowed, divorced, and married (spouse absent).

Source: U.S. Bureau of Labor Statistics, *Bulletin 2096,* and unpublished data.

NO. 683. MARITAL STATUS OF WOMEN IN THE CIVILIAN LABOR FORCE: 1940 TO 1982

[**Persons 14 years old and over through 1965; 16 years old and over thereafter.** As of **March,** except as indicated. Prior to 1960, excludes Alaska and Hawaii. Figures for 1940 based on complete census revised for comparability with intercensal series. Later data based on Current Population Survey; see text, p. 2 and Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series D 49-62]

YEAR	FEMALE LABOR FORCE (1,000)					PERCENT DISTRIBUTION, FEMALE LABOR FORCE			FEMALE LABOR FORCE AS PERCENT OF FEMALE POPULATION				
	Total	Single	Married, total [1]	Married, husband present	Widowed or divorced	Single	Married [1]	Widowed or divorced	Total	Single	Married, total [1]	Married, husband present	Widowed or divorced
1940	13,840	6,710	5,040	[2] 4,200	2,090	48.5	36.4	15.1	27.4	48.1	16.7	14.7	32.0
1944 [2]	18,449	7,542	8,433	6,226	2,474	40.9	45.7	13.4	35.0	58.6	25.6	21.7	35.7
1947 [2]	16,323	6,181	7,545	6,676	2,597	37.9	46.2	15.9	29.8	51.2	21.4	20.0	34.6
1950	17,795	5,621	9,273	8,550	2,901	31.6	52.1	16.3	31.4	50.5	24.8	23.8	36.0
1955 [2]	20,154	5,087	11,839	10,423	3,227	25.2	58.7	16.0	33.5	46.4	29.4	27.7	36.0
1960	22,516	5,401	13,485	12,253	3,629	24.0	59.9	16.1	34.8	44.1	31.7	30.5	37.1
1965	25,952	5,912	16,154	14,708	3,886	22.8	62.2	15.0	36.7	40.5	35.7	34.7	35.7
1968	28,778	6,357	18,234	16,821	4,187	22.1	63.4	14.6	40.7	51.3	39.1	38.3	35.8
1969	29,898	6,501	19,100	17,595	4,297	21.7	63.9	14.4	41.6	51.2	40.4	39.6	35.8
1970	31,233	6,965	19,799	18,377	4,469	22.3	63.4	14.3	42.6	53.0	41.4	40.8	36.2
1971	31,778	7,220	20,034	18,573	4,524	22.7	63.0	14.2	42.5	52.8	41.4	40.8	35.7
1972	33,132	7,543	20,845	19,336	4,744	22.8	62.9	14.3	43.7	55.0	42.2	41.5	37.2
1973	34,195	7,838	21,487	19,951	4,870	22.9	62.8	14.2	44.2	55.9	42.8	42.2	36.7
1974	35,708	8,362	22,202	20,541	5,144	23.4	62.2	14.4	45.3	57.4	43.8	43.1	37.8
1975	36,981	8,599	23,037	21,360	5,345	23.2	62.3	14.5	46.0	57.0	45.1	44.4	37.7
1976	38,399	9,282	23,643	21,814	5,474	24.2	61.6	14.3	46.8	59.2	45.8	45.1	37.3
1977	40,053	9,702	24,429	22,681	5,922	24.2	61.0	14.8	48.0	59.2	47.2	46.6	39.0
1978	41,747	10,487	24,976	23,136	6,284	25.1	59.8	15.1	49.2	60.7	48.1	47.5	39.9
1979	43,844	11,304	26,073	24,223	6,467	25.8	59.5	14.8	50.8	62.9	49.9	49.3	40.0
1980	44,934	11,242	26,828	24,900	6,864	25.0	59.7	15.3	51.1	61.5	50.7	50.1	41.0
1981	46,415	11,628	27,536	25,460	7,251	25.0	59.3	15.6	52.0	62.3	51.7	51.0	41.9
1982	47,095	11,801	27,843	25,756	7,451	25.1	59.1	15.8	52.1	62.2	51.8	51.2	42.1

[1] Includes married, spouse absent. [2] As of April.

Source: 1940-1955, U.S. Bureau of the Census, *Current Population Reports,* series P-50. Beginning 1960, U.S. Bureau of Labor Statistics, *Special Labor Force Reports,* Bulletin 2096, and forthcoming report.

NO. 684. EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION BY FAMILY RELATIONSHIP: 1982

[**In thousands, except percent.** Persons 16 years old and over. Annual averages of monthly figures. Based on Current Population Survey; see text, p.2 and Appendix III]

FAMILY RELATIONSHIP	Population	IN LABOR FORCE					NOT IN LABOR FORCE				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Rate [1]					
Total	**172,271**	**110,204**	**64.0**	**99,526**	**10,678**	**9.7**	**62,067**	**32,069**	**7,956**	**2,526**	**19,515**
Husbands	49,640	39,711	80.0	37,219	2,492	6.3	9,929	134	200	869	8,726
With wife—											
Employed	23,726	21,800	91.9	20,571	1,229	5.6	1,926	47	110	286	1,483
Unemployed	1,830	1,708	93.3	1,386	321	18.8	122	3	6	27	86
Not in labor force	24,085	16,203	67.3	15,262	941	5.8	7,882	85	84	556	7,157
Wives	49,640	25,555	51.5	23,726	1,830	7.2	24,085	21,313	314	284	2,173
With husband—											
Employed	37,219	21,957	59.0	20,571	1,386	6.3	15,262	14,009	258	90	905
Unemployed	2,492	1,551	62.2	1,229	321	20.7	941	871	18	10	43
Not in labor force	9,929	2,047	20.6	1,926	122	6.0	7,882	6,433	39	185	1,226
Relatives in married-couple families	22,142	13,859	62.6	11,371	2,488	18.0	8,283	944	4,985	273	2,082
Females who maintain families	9,552	5,773	60.4	5,098	675	11.7	3,779	2,908	128	134	610
Relatives in families maintained by females	8,468	4,855	57.3	3,637	1,218	25.1	3,613	828	1,412	243	1,130
Men who maintain families	2,411	1,830	75.9	1,651	179	9.8	581	30	32	68	451
Relatives in families maintained by men	2,505	1,494	59.6	1,217	277	18.5	1,011	410	249	62	290
Persons living alone	19,441	10,449	53.7	9,702	747	7.1	8,992	4,897	217	483	3,395
All others [2]	8,472	6,678	78.8	5,905	772	11.6	1,794	605	419	110	658

[1] Unemployed as percent of the civilian labor force. [2] The majority of these individuals are living with nonrelatives. Also included are persons in married couple families where the husband is in the Armed Forces, persons in secondary families, and some whose family status is unknown.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly.

NO. 685. EMPLOYMENT STATUS OF MEMBERS IN HUSBAND-WIFE FAMILIES: 1960 TO 1982

[As of **March.** Includes members of the Armed Forces living off post or with their families on post]

ITEM	1960	1965	1970	1975	1978	1979	1980	1981	1982
Husband employed, total (1,000)	33,579	35,512	37,667	37,235	38,034	38,389	38,367	37,966	37,221
	PERCENT								
Wife or other member in labor force [1]	42.7	47.2	53.1	57.9	62.2	64.1	65.1	66.2	66.5
Wife only	25.5	29.4	34.3	38.9	41.8	43.9	44.8	45.8	46.6
Wife and other member	6.1	7.3	9.3	9.9	11.7	11.7	12.2	12.3	12.3
Wife or other member employed [2]	40.0	44.5	50.7	53.4	59.0	60.8	62.0	62.4	62.0
Only wife employed	29.6	32.8	38.3	35.5	41.0	38.4	43.3	44.4	44.4
Husband unemployed, total (1,000)	1,462	1,033	972	2,293	1,358	1,219	1,540	1,860	2,422
	PERCENT								
Wife or other member in labor force [1]	49.7	54.6	56.1	61.1	62.1	60.2	62.6	66.7	69.2
Wife only	32.1	36.6	41.8	44.6	45.8	44.2	45.2	49.4	51.7
Wife and other member	8.0	7.8	7.6	8.5	8.4	10.1	11.1	10.5	10.6
Wife or other member employed [2]	41.7	47.5	50.8	47.3	53.2	51.3	53.2	56.7	54.3
Only wife employed	24.9	28.7	33.4	36.4	40.5	42.4	39.5	44.1	43.5

[1] Includes other categories not shown separately. [2] Includes wife or other member who is unemployed.

Source: U.S. Bureau of Labor Statistics, *Bulletin 2096* and unpublished data.

NO. 686. MARRIED, SEPARATED, AND DIVORCED WOMEN—LABOR FORCE STATUS, BY PRESENCE AND AGE OF CHILDREN: 1960 TO 1982

[**In millions, except rate.** As of **March.** Based on Current Population Survey; see Appendix III]

ITEM	IN LABOR FORCE				PARTICIPATION RATE [1]				UNEMPLOYMENT RATE [2]			
	1960	1970	1980	1982	1960	1970	1980	1982	1960	1970	1980	1982
Married, husband present, total	12.3	18.4	24.9	25.8	30.5	40.8	50.1	51.2	5.4	4.8	5.3	7.1
No children under 18	5.7	8.2	11.2	11.8	34.7	42.2	46.0	46.2	4.8	3.3	4.5	5.7
Children 6-17 yr. only	4.1	6.3	8.4	8.3	39.0	49.2	61.7	63.2	4.9	4.8	4.4	7.0
Children under 6 yr	2.5	3.9	5.2	5.7	18.6	30.3	45.1	48.7	7.8	7.9	8.3	10.1
Separated, total	(NA)	1.4	1.9	2.1	(NA)	52.1	59.4	60.0	(NA)	6.8	9.9	14.5
No children under 18	(NA)	.7	.9	1.0	(NA)	52.3	58.9	57.5	(NA)	4.2	8.3	11.7
Children 6-17 yr. only	(NA)	.4	.6	.7	(NA)	60.6	66.3	68.4	(NA)	5.9	10.6	14.6
Children under 6 yr	(NA)	.3	.4	.5	(NA)	45.4	52.2	55.2	(NA)	13.3	12.3	20.1
Divorced, total	(NA)	1.9	4.4	5.2	(NA)	71.5	74.5	74.9	(NA)	5.4	6.4	8.9
No children under 18	(NA)	1.1	2.3	2.7	(NA)	67.7	71.4	71.6	(NA)	4.7	4.5	7.6
Children 6-17 yr. only	(NA)	.6	1.6	1.8	(NA)	82.4	82.3	83.6	(NA)	6.5	6.7	9.2
Children under 6 yr	(NA)	.3	.5	.6	(NA)	63.3	68.3	67.2	(NA)	5.2	13.6	13.5

NA Not available. [1] Percent of women in each specific category in the labor force. [2] Unemployed as a percent of civilian labor force in specified group.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Reports* Nos. 13, 130, and 134, and forthcoming report.

NO. 687. PERSONS WITH TWO OR MORE JOBS: 1965 TO 1980

[**Persons 16 years old and over.** As of **May.** Data not adjusted to 1980 population controls. See text, p. 402]

CHARACTERISTIC	Unit	1965	1970	1975	1976	1977	1978	1979	1980
Persons with 2 or more jobs	1,000	3,756	4,048	3,918	3,948	4,558	4,493	4,724	4,759
With 2 jobs in nonfarm industries	1,000	2,691	3,105	3,028	3,129	3,637	3,587	3,852	3,923
With first job in agriculture, second job nonagriculture	1,000	279	205	185	144	166	154	146	113
With first job nonagriculture, second job in agriculture	1,000	649	667	637	620	697	701	668	655
Wage and salary workers	1,000	3,264	3,659	3,505	3,605	4,150	4,136	4,386	4,395
Self-employed	1,000	418	348	360	317	362	308	314	330
Unpaid family workers	1,000	74	41	53	27	46	49	25	34
Multiple job holding rate, [1] total	Percent	5.2	5.2	4.7	4.5	5.0	4.8	4.9	4.9
Male	Percent	6.7	7.0	5.8	5.8	6.2	5.8	5.9	5.8
Female	Percent	2.3	2.2	2.9	2.6	3.4	3.3	3.5	3.8
White	Percent	5.3	5.3	4.8	4.7	5.3	5.0	5.1	5.1
Black and other [2]	Percent	4.0	4.4	3.7	2.8	2.6	3.1	3.0	3.2
Single	Percent	3.1	3.3	3.8	3.5	3.9	4.0	4.4	4.4
Married, spouse present	Percent	5.9	5.9	5.0	5.0	5.5	5.2	5.2	5.1
Other marital status	Percent	3.8	3.5	4.0	3.7	4.5	4.2	4.4	4.8

[1] Percent of total employed in the specified group. [2] Beginning 1977, Black only.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Reports,* Nos. 139, 182, 194, 211, 221, and 239; and *Monthly Labor Review,* May 1982.

No. 688. Selected Characteristics of Workers Performing Involuntary Part-Time Work: 1975 to 1982

[**In thousands.** For civilian noninstitutional population 16 years and over as of **March** the following year. Refers to persons who engaged in involuntary part-time work for 1 week or more anytime during the year shown]

CHARACTERISTIC	1975	1979	1980 [1]	1981 [1]	1982 [1]
Total [2]	**11,184**	**11,208**	**13,033**	**14,627**	**16,064**
Sex:					
Male	6,279	6,083	7,160	8,199	9,043
Female	4,906	5,125	5,872	6,428	7,021
Family status:					
Husband-wife families [3]	(NA)	7,641	8,734	9,724	10,890
Husbands	(NA)	3,135	3,605	4,126	4,626
Wives	(NA)	2,551	2,862	3,166	3,418
Families maintained by—					
Women	(NA)	1,418	1,677	1,967	2,134
Men	(NA)	315	435	503	522
Householder:					
Female	(NA)	713	748	911	1,001
Male	(NA)	145	213	200	246
Occupation:					
White collar	2,762	3,109	3,634	3,972	(NA)
Blue collar	5,688	5,303	6,071	7,063	(NA)
Service	2,060	2,187	2,673	2,920	(NA)
Farm	676	610	655	674	(NA)
Usual weekly schedules:					
Usually worked—					
Full-time	6,884	7,320	8,048	9,016	9,071
Part-time	4,300	3,887	4,985	5,611	6,993
Reason:					
Slack work	7,291	7,496	8,635	9,876	10,400
Could only find part-time work	3,893	3,711	4,398	4,751	5,664

NA Not available. [1] Based on 1980 census population controls. See text, p. 402. [2] Includes other types of family status, not shown separately. [3] Includes other family members not shown separately.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, February 1981; and unpublished data.

No. 689. Persons With a Job but Not at Work: 1965 to 1982

[**In thousands, except percent. Persons 16 years old and over, except 1965, 14 years old and over.** Annual averages of monthly figures. See *Historical Statistics, Colonial Times to 1970*, series D 116-126, for related but not comparable data]

REASON FOR NOT WORKING	1965	1970	1975	1977	1978	1979	1980	1981	1982
All industries, number	**3,525**	**4,645**	**5,221**	**5,520**	**5,573**	**5,747**	**5,882**	**5,790**	**5,712**
Percent of employed	**4.9**	**5.9**	**6.1**	**6.0**	**5.8**	**5.8**	**5.9**	**5.8**	**5.7**
Nonagricultural industries	3,368	4,511	5,056	5,371	5,415	5,601	5,729	5,653	5,573
Reason for not working: Vacation	1,738	2,341	2,815	2,950	2,985	3,191	3,320	3,247	3,153
Illness	1,039	1,324	1,343	1,426	1,436	1,420	1,425	1,413	1,331
Bad weather	79	126	139	237	238	198	155	112	202
Industrial dispute	*48*	*156*	*95*	*119*	*100*	*123*	*105*	*64*	*36*
All other	621	696	829	786	815	816	876	953	988

No. 690. Employed Civilians, by Hours Worked: 1965 to 1982

[**In thousands of persons 16 years old and over, except 1965, 14 and over.** Annual averages of monthly figures]

HOURS WORKED	1965	1970	1975	1977	1978	1979	1980	1981	1982
Employed, nonagricultural industries [1]	**67,594**	**75,215**	**82,438**	**88,734**	**92,661**	**95,477**	**95,938**	**97,030**	**96,125**
Worked 1-14 hours	4,027	3,964	4,391	4,559	4,635	4,622	4,675	4,781	5,146
Worked 15-34 hours	8,590	14,270	14,390	16,034	16,232	17,845	17,774	20,768	19,272
Worked 35 or more hours	51,611	52,498	58,599	62,769	66,379	67,407	67,760	65,828	66,133
Percent of total	76.4	69.8	71.1	70.7	71.6	70.6	70.6	67.8	68.8
Employed, agricultural industries [1]	**4,585**	**3,463**	**3,408**	**3,283**	**3,387**	**3,347**	**3,364**	**3,368**	**3,401**
Worked 35 or more hours	3,027	2,256	2,244	2,172	2,256	2,304	2,247	2,270	2,242
Percent of total	66.0	65.1	65.8	66.2	66.6	68.8	66.8	67.4	65.9

[1] Includes persons who had a job or business, but did not work at all during survey week because of illness, bad weather, vacation, industrial dispute, or various personal reasons, not shown separately.

No. 691. Class of Worker of Employed Civilians, by Sex: 1965 to 1982

[See headnote, table 690]

CLASS OF WORKER	1965		1970		1975		1980		1982	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Nonagriculture, employed	**43,304**	**24,289**	**46,128**	**29,087**	**49,032**	**33,404**	**54,477**	**41,461**	**53,534**	**42,591**
Wage and salary workers	38,434	22,331	42,142	27,349	44,754	31,496	49,517	39,007	48,529	39,934
Self-employed workers	4,794	1,419	3,932	1,289	4,225	1,480	4,903	2,096	4,954	2,309
Unpaid family workers	77	540	53	449	55	428	56	357	52	348
Agriculture, employed	**3,729**	**856**	**2,862**	**601**	**2,824**	**584**	**2,709**	**656**	**2,736**	**665**
Wage and salary workers	1,243	249	980	174	1,079	222	1,149	275	1,208	296
Self-employed workers	2,170	137	1,722	88	1,598	124	1,458	184	1,433	203
Unpaid family workers	316	470	160	339	148	239	102	197	95	166

Source of tables 689-691: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 692. OCCUPATION OF THE CIVILIAN LABOR FORCE, BY SEX, RACE, AND SPANISH ORIGIN: 1980

[In thousands, As of April 1. Based on sample and subject to sampling variation; see Appendix III. N.e.c. = Not elsewhere classified]

OCCUPATION	Total	Male	Female	White	Black	Other races	Spanish origin [1]
Civilian labor force, total	**104,450**	**59,926**	**44,523**	**89,192**	**10,582**	**4,675**	**5,993**
Managerial and professional specialty	**22,654**	**13,457**	**9,196**	**20,485**	**1,378**	**791**	**690**
Executive, administrative, and managerial [2]	10,379	7,210	3,169	9,547	511	320	335
Administrators and officials [3]	710	460	250	625	65	19	21
Managers: Financial	*410*	*281*	*129*	*386*	*13*	*11*	*11*
Personnel and labor relations	220	141	79	199	15	7	9
Purchasing	71	56	15	67	2	2	2
Marketing, advertising, and public relations	689	567	122	664	14	12	15
Medicine and health	111	55	56	98	10	3	3
Properties and real estate	200	118	82	180	13	7	10
Managers and administrators, n.e.c	5,233	3,825	1,408	4,864	208	161	170
Professional specialty [2]	12,275	6,248	6,027	10,938	867	470	355
Architects	108	99	9	99	3	6	4
Engineers	1,401	1,336	65	1,290	36	75	32
Mathematical and computer scientists	330	244	86	299	17	14	8
Computer systems analysts and scientists	203	157	46	184	10	9	5
Natural scientists	314	252	63	284	12	18	7
Health diagnosing [2]	647	571	76	575	18	54	22
Physicians	433	375	58	373	14	47	19
Dentists	125	117	8	118	3	5	2
Health assessment and treating [2]	1,723	241	1,482	1,510	136	77	42
Registered nurses	1,285	53	1,233	1,131	97	57	28
Therapists	194	52	142	172	16	6	6
Postsecondary teachers	637	404	233	577	31	29	17
Teachers, except postsecondary	3,722	1,087	2,635	3,267	366	89	106
Counselors, educational and vocational	198	91	108	162	28	9	8
Librarians, archivists, and curators	203	41	162	181	15	7	5
Social scientists and urban planners	218	136	82	199	12	7	6
Social and recreation workers	497	173	324	379	95	24	29
Clergy and religious workers	333	288	45	307	19	7	7
Lawyers and judges	530	456	74	507	15	8	9
Writers, artists, entertainers, and athletes	1,383	801	582	1,273	63	46	51
Technical, sales, and administrative support	**30,884**	**11,002**	**19,882**	**27,181**	**2,554**	**1,149**	**1,412**
Technicians and related support [2]	3,063	1,722	1,341	2,657	258	148	116
Health technologists and technicians	989	162	827	807	138	45	37
Engineering and related technologists and technicians	947	789	158	851	50	46	41
Computer programmers	318	219	99	282	18	18	9
Sales occupations [2]	10,257	5,262	4,995	9,411	533	313	422
Sales representatives [4]	*3,148*	*2,306*	*842*	*2,989*	*96*	*63*	*84*
Sales workers, retail and personal services	5,499	1,807	3,693	4,919	381	199	276
Administrative and support, including clerical [2]	17,564	4,018	13,545	15,114	1,762	688	875
Computer equipment operators	421	172	249	350	50	21	22
Secretaries, stenographers, and typists	4,827	81	4,746	4,319	358	150	201
Financial records processing	2,339	272	2,067	2,138	122	79	86
Service occupations	**13,606**	**5,585**	**8,021**	**10,447**	**2,395**	**764**	**960**
Private household	627	29	597	333	256	38	59
Protective service	1,542	1,360	182	1,300	193	49	68
Food preparation	4,830	1,645	3,185	3,976	546	309	327
Health services	1,828	217	1,611	1,311	438	80	97
Cleaning and building, except private household	*2,980*	*1,931*	*1,049*	*2,058*	*727*	*195*	*261*
Personal service	1,799	403	1,395	1,469	235	94	127
Farming, forestry, and fishing [2]	**3,032**	**2,581**	**451**	**2,595**	**213**	**225**	**298**
Farm operators and managers	1,315	1,185	130	1,268	28	19	19
Forestry and fishing	214	202	12	180	25	9	7
Precision production, craft, and repair [2]	**13,555**	**12,499**	**1,056**	**12,067**	**932**	**556**	**828**
Mechanics and repairers	3,983	3,848	135	3,573	261	148	219
Construction, trades	4,814	4,712	102	4,306	324	185	283
Precision production	4,444	3,632	812	3,899	334	211	307
Operators, fabricators, and laborers	***19,988***	***14,501***	***5,486***	***15,962***	***2,889***	***1,137***	***1,731***
Machine operators, assemblers, and inspectors [2]	10,082	5,980	4,102	7,971	1,459	651	969
Machine operators and tenders, except precision	6,544	3,862	2,682	5,130	985	429	653
Fabricators, assemblers and hand working occupation	2,632	1,680	953	2,095	362	174	250
Transportation and material moving [2]	4,820	4,445	375	4,021	621	178	285
Motor vehicle operators	3,280	2,980	299	2,722	442	116	189
Truck drivers, heavy and light trucks	2,447	2,365	82	2,061	302	84	141
Material moving equipment, operators	1,252	1,181	70	1,040	157	56	86
Handlers, equipment cleaners, helpers, and laborers [2]	5,086	4,077	1,009	3,969	809	308	477
Freight, stock, and material handlers	1,394	1,181	213	1,132	199	64	96
Laborers, except construction	*1,400*	*1,129*	*272*	*1,047*	*262*	*92*	*138*
Unemployed [5]	**732**	**301**	**431**	**455**	**222**	**55**	**74**

[1] Persons of Spanish origin may be of any race. [2] Includes occupations not shown separately. [3] Includes public administration, protective services, and education and related fields. [4] Includes finance, business and commodities (except retail). [5] No civilian work experience since 1975.

Source: U.S. Bureau of the Census, *1980 Census of Population*, Supplementary Reports (PC80-S1-8).

No. 693. Occupation of Employed Workers, by Sex and Race: 1960 to 1982

[**Civilians 16 years old and over.** Annual averages of monthly figures. Beginning 1975, not strictly comparable with prior years due to reclassification of occupations. White collar managers and administrators exclude persons on farms. For details, see text, p. 402. See *Historical Statistics Colonial Times to 1970*, series D 182-232, for related but not comparable data]

Occupation group, sex, and race	Total employed (1,000)						Percent distribution		
	1960	1970	1975	1980	1981	1982	1970	1975	1982
Total	**65,778**	**78,678**	**85,846**	**99,303**	**100,397**	**99,526**	**100.0**	**100.0**	**100.0**
White-collar workers	28,522	38,024	42,788	51,882	52,949	53,470	48.3	49.8	53.7
Professional and technical	7,469	11,149	12,934	15,968	16,420	16,951	14.2	15.1	17.0
Teachers, except college	1,620	2,645	3,049	3,209	3,197	3,266	3.4	3.6	3.3
Managers and administrators	7,067	8,295	9,006	11,138	11,540	11,493	10.5	10.5	11.5
Salesworkers	4,224	4,857	5,528	6,303	6,425	6,580	6.2	6.4	6.6
Retail trade	2,487	2,959	3,087	3,225	3,262	3,310	3.8	3.6	3.3
Clerical workers	9,762	13,723	15,321	18,473	18,564	18,446	17.4	17.8	18.5
Blue-collar workers	24,057	27,807	28,303	31,452	31,261	29,597	35.3	33.0	29.7
Craft and kindred workers	8,554	10,164	11,107	12,787	12,662	12,272	12.9	12.9	12.3
Operatives, except transport	11,950	13,916	9,751	10,565	10,540	9,429	17.7	11.4	9.5
Transport equipment operatives			3,252	3,531	3,476	3,377		3.8	3.4
Nonfarm laborers	3,553	3,728	4,192	4,567	4,583	4,518	4.7	4.9	4.5
Service workers	8,023	9,719	11,798	13,228	13,438	13,736	12.4	13.7	13.8
Farm workers	5,176	3,127	2,955	2,741	2,749	2,723	4.0	3.4	2.7
Male	**43,904**	**48,990**	**51,857**	**57,186**	**57,397**	**56,271**	**100.0**	**100.0**	**100.0**
White-collar workers	16,423	20,067	21,405	24,260	24,608	24,727	41.0	41.3	43.9
Professional and technical	4,766	6,847	7,592	8,904	9,100	9,302	14.0	14.6	16.5
Teachers, except college	456	892	895	936	940	956	1.8	1.7	1.7
Managers and administrators	5,968	6,972	7,241	8,219	8,372	8,273	14.2	14.0	14.7
Salesworkers	2,544	2,765	3,175	3,450	3,509	3,595	5.6	6.1	6.4
Retail trade	1,006	1,125	1,156	1,185	1,191	1,230	2.3	2.2	2.2
Clerical workers	3,145	3,483	3,398	3,687	3,626	3,556	7.1	6.6	6.3
Blue-collar workers	20,420	23,033	23,498	25,642	25,433	24,063	47.0	45.3	42.8
Craft and kindred workers	8,332	9,832	10,599	12,018	11,859	11,408	20.1	20.4	20.3
Operatives, except transport	8,617	9,610	6,003	6,334	6,350	5,590	19.6	11.6	9.9
Transport equipment operatives			3,067	3,248	3,167	3,075		5.9	5.5
Nonfarm laborers	3,471	3,591	3,829	4,040	4,056	3,990	7.3	7.4	7.1
Service workers	2,844	3,288	4,461	5,036	5,097	5,235	6.7	8.6	9.3
Farm workers	4,219	2,602	2,492	2,250	2,260	2,246	5.3	4.8	4.0
Female	**21,874**	**29,688**	**33,989**	**42,117**	**43,000**	**43,256**	**100.0**	**100.0**	**100.0**
White-collar workers	12,099	17,957	21,382	27,621	28,341	28,744	60.5	62.9	66.5
Professional and technical	2,703	4,302	5,341	7,063	7,319	7,650	14.5	15.7	17.7
Teachers, except college	1,164	1,753	2,154	2,273	2,257	2,310	5.9	6.3	5.3
Managers and administrators	1,099	1,323	1,764	2,920	3,168	3,219	4.5	5.2	7.4
Salesworkers	1,680	2,092	2,353	2,853	2,916	2,985	7.0	6.9	6.9
Retail trade	1,481	1,834	1,931	2,040	2,072	2,079	6.3	5.7	4.8
Clerical workers	6,617	10,240	11,923	14,787	14,938	14,890	34.5	35.1	34.4
Blue-collar workers	3,637	4,774	4,805	5,810	5,828	5,533	16.1	14.1	12.8
Craft and kindred workers	222	332	509	769	802	864	1.1	1.5	2.0
Operatives, except transport	3,333	4,305	3,748	4,231	4,190	3,838	14.5	11.0	8.9
Transport equipment operatives			185	283	309	302		.5	.7
Nonfarm laborers	82	136	363	528	527	528	.5	1.1	1.2
Service workers	5,179	6,432	7,339	8,193	8,342	8,502	21.7	21.6	19.7
Farm workers	957	525	463	492	490	477	1.8	1.4	1.1
White	**58,850**	**70,216**	**76,411**	**87,715**	**88,709**	**87,902**	**100.0**	**100.0**	**100.0**
White-collar workers	27,409	35,659	39,507	47,267	48,147	48,630	50.8	51.7	55.3
Professional and technical	7,138	10,379	11,823	14,444	14,794	15,308	14.8	15.5	17.4
Teachers, except college	1,503	2,393	2,759	2,885	2,875	2,928	3.4	3.6	3.3
Managers and administrators	6,889	7,996	8,578	10,512	10,867	10,834	11.4	11.2	12.3
Salesworkers	4,123	4,677	5,272	5,963	6,075	6,217	6.7	6.9	7.1
Retail trade	2,421	2,852	3,027	3,005	3,037	3,086	4.1	4.0	3.5
Clerical workers	9,259	12,607	13,835	16,350	16,410	16,271	18.0	18.1	18.5
Blue-collar workers	21,277	24,241	24,794	27,327	27,191	25,710	34.5	32.4	29.2
Craft and kindred workers	8,139	9,471	10,279	11,683	11,590	11,238	13.5	13.5	12.8
Operatives, exc. transport	10,536	11,909	8,336	8,884	8,836	7,861	17.0	10.9	8.9
Transport equipment operatives			2,792	2,984	2,938	2,882		3.7	3.3
Nonfarm laborers	2,602	2,861	3,387	3,776	3,826	3,730	4.1	4.4	4.2
Service workers	5,827	7,518	9,398	10,593	10,814	11,036	10.7	12.3	12.6
Farm workers	4,335	2,798	2,712	2,527	2,558	2,527	4.0	3.5	2.9
Black			**7,894**	**9,313**	**9,355**	**9,189**		**100.0**	**100.0**
White-collar workers			2,440	3,409	3,539	3,524		30.9	38.4
Professional and technical			740	1,016	1,085	1,088		9.4	11.8
Teachers, except college			263	287	281	295		3.3	3.2
Managers and administrators			290	418	459	445		3.7	4.8
Salesworkers			184	252	251	253		2.3	2.8
Retail trade			138	165	165	161		1.7	1.8
Clerical workers			1,224	1,724	1,744	1,738		15.5	18.9
Blue-collar workers	(NA)	(NA)	3,097	3,471	3,414	3,221	(NA)	39.2	35.1
Craft and kindred workers			701	904	865	823		8.9	9.0
Operatives except transport			1,247	1,368	1,395	1,270		15.8	13.8
Transport equipment operatives			427	507	498	444		5.4	4.8
Nonfarm laborers			722	691	656	684		9.1	7.4
Service workers			2,149	2,271	2,266	2,293		27.2	25.0
Farm workers			210	162	136	149		2.7	1.6

NA Not available.

Source: U.S. Bureau of Labor Statistics, *Bulletin 2096; Employment and Earnings*, monthly, and unpublished data.

No. 694. Occupation of Employed Workers, by Educational Attainment and Sex: 1970 to 1982

[As of March. Civilians 25 years and over]

Sex and occupation	Percent employed with—											
	Less than 4 years of high school			4 years of high school only			1 to 3 years of college			4 years of college or more		
	1970	1980	1982	1970	1980	1982	1970	1980	1982	1970	1980	1982
Male, total	**42.3**	**22.7**	**20.1**	**30.7**	**35.2**	**35.8**	**11.6**	**17.4**	**17.5**	**15.4**	**24.7**	**26.6**
White-collar workers	18.0	7.4	6.3	28.4	24.6	24.3	18.9	20.8	20.4	34.7	47.1	49.1
Professional and technical	*6.0*	*2.3*	*1.7*	*16.3*	*11.8*	*11.3*	*17.2*	*15.7*	*15.3*	*60.5*	*70.2*	*71.7*
Managers and administrators, except farm	22.6	9.9	9.1	32.1	29.9	30.0	19.7	22.6	21.9	25.6	37.6	39.0
Sales workers	23.8	9.4	7.0	35.0	31.9	29.4	22.0	25.3	25.9	19.2	33.4	37.7
Clerical workers	29.5	13.3	11.8	41.8	40.1	43.6	18.4	27.0	26.5	10.3	19.5	18.1
Blue-collar workers	59.2	35.5	32.7	33.0	46.4	48.3	6.2	13.8	14.6	1.6	4.3	4.5
Craft workers	52.1	29.2	26.3	37.7	49.3	50.6	8.0	16.2	17.3	2.2	5.4	5.8
Operatives, except transport	62.4	39.2	37.6	31.5	46.7	47.8	5.0	11.5	11.9	1.1	2.5	2.7
Transport equip. operatives	64.8	42.6	39.5	29.8	43.5	47.5	4.6	11.4	10.4	.9	2.5	2.6
Laborers	72.2	47.4	43.7	22.7	36.8	39.5	4.0	11.1	12.7	1.1	4.7	4.1
Service workers	*58.8*	*34.9*	*30.1*	*30.1*	*37.6*	*42.1*	8.5	19.0	17.6	2.6	8.4	10.2
Farmers and farmworkers	65.1	44.3	42.7	26.1	36.8	36.9	5.7	10.2	9.8	3.2	8.7	10.7
Female, total	**37.8**	**18.6**	**16.5**	**39.3**	**45.2**	**45.0**	**11.4**	**17.3**	**18.5**	**11.4**	**18.9**	**20.0**
White-collar workers	19.2	7.2	6.3	45.7	45.0	43.5	16.5	21.2	22.7	18.6	26.6	27.5
Professional and technical	6.7	2.1	1.8	19.7	16.1	14.8	19.1	19.1	21.1	54.2	62.6	62.3
Managers and administrators, except farm	27.0	9.3	8.4	42.5	43.4	43.2	16.7	21.9	22.8	13.9	25.4	25.7
Sales workers	38.8	15.8	13.5	46.8	50.1	49.4	10.8	20.7	20.9	3.6	13.5	16.2
Clerical workers	20.0	8.1	7.0	59.4	61.0	59.9	16.4	22.4	24.0	4.2	8.5	9.1
Blue-collar workers	66.4	44.4	40.4	29.9	47.1	48.2	3.0	6.1	7.4	.7	2.4	4.0
Craft workers	52.5	21.1	21.3	37.8	56.4	52.6	7.3	13.7	14.7	2.4	8.9	11.5
Operatives, except transport	68.7	50.1	46.5	28.4	44.5	45.9	2.4	4.2	5.3	.5	1.3	2.2
Transport equip. operatives	50.0	24.5	21.4	43.3	58.4	61.3	5.8	15.6	11.1	.8	1.6	6.3
Laborers	64.3	40.9	36.0	30.8	48.6	50.8	4.0	5.9	9.3	.9	4.6	3.8
Service workers	63.4	39.6	35.8	30.4	44.5	47.3	5.1	11.9	11.9	1.1	3.9	5.0
Farmers and farmworkers	65.4	40.1	23.0	26.0	45.1	60.4	6.3	9.5	9.9	2.4	5.3	6.7

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review,* and unpublished data.

No. 695. Employed Civilians by Years of High School Completed, by Occupation Group, Sex, and Race: 1975 and 1982

[Relates to civilian noninstitutional population 18 years old and over. As of **March.** Service includes private household workers. Based on Current Population Survey; see text, p. 2]

Sex, race, and years of high school completed	1975 [1]					1982				
	Employed (mil.)	Percent				Employed (mil.)	Percent			
		White collar	Blue collar	Service	Farm		White collar	Blue collar	Service	Farm
Male, White:										
Less than 4 years	12,596	15.8	63.3	12.1	8.7	10,214	15.1	64.1	13.5	7.3
4 years or more	32,609	54.7	35.9	6.3	3.1	39,315	53.7	36.5	7.1	2.7
Male, Black and other: [2]										
Less than 4 years	2,039	5.4	68.1	19.9	6.6	1,535	8.8	65.3	17.8	8.0
4 years or more	2,646	40.1	42.5	16.4	.9	2,971	38.4	45.8	14.9	.9
Female, White:										
Less than 4 years	6,848	32.5	29.2	36.6	1.7	6,192	32.5	28.7	37.3	1.4
4 years or more	22,148	76.7	8.3	14.2	.8	31,183	75.4	9.0	14.7	.9
Female, Black and other: [2]										
Less than 4 years	1,463	12.8	21.9	64.7	.7	1,274	14.7	26.5	58.4	.4
4 years or more	2,563	62.3	14.0	23.6	.2	3,198	62.9	14.2	22.8	.2

[1] Population controls based on the 1970 census. [2] For 1982, data are for Black only.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report,* No. 186, and forthcoming report.

No. 696. Employed Persons, by Sex, Race, and Occupation: 1972 and 1982

[Civilians 16 years old and over. "N.e.c." means not elsewhere classified. See *Historical Statistics, Colonial Times to 1970*, series D 233-682, for similar data]

Occupation	1972			1982		
	Total employed (1,000)	Percent		Total employed (1,000)	Percent	
		Female	Black		Female	Black
Total	**82,153**	**38.0**	**9.5**	**99,526**	**43.5**	**9.2**
Professional, technical, and kindred workers [1]	**11,538**	**39.3**	**5.6**	**16,951**	**45.1**	**6.4**
Accountants	720	21.7	2.7	1,193	38.6	5.0
Computer specialists	276	16.8	4.0	751	28.5	5.5
Engineers [1]	1,111	.8	1.5	1,574	5.7	2.4
Civil	156	.6	.6	199	2.5	2.5
Electrical and electronic	289	.7	2.8	404	4.0	2.2
Industrial	171	2.4	1.8	260	14.2	4.2
Mechanical	192	-	1.6	240	2.9	2.1
Lawyers and judges	322	3.8	1.6	630	15.4	2.9
Librarians, archivists, and curators	158	81.6	5.7	207	80.7	7.2
Life and physical scientists	232	10.0	3.5	320	20.6	3.4
Personnel and labor relations workers	312	31.0	8.1	423	49.6	9.2
Physicians, dentists, and related practitioners [1]	630	9.3	2.2	869	14.6	2.4
Dentists	108	1.9	2.8	121	3.3	2.5
Pharmacists	127	12.7	2.4	168	23.8	3.6
Physicians, medical and osteopathic	332	10.1	2.4	486	14.8	2.3
Registered nurses, dietitians, and therapists [1]	956	92.6	6.3	1,736	91.8	8.8
Registered nurses	807	97.6	6.4	1,415	95.6	8.2
Therapists	117	59.1	3.5	252	70.6	7.9
Health technologists and technicians	319	69.5	9.2	657	72.9	9.7
Religious workers	293	11.0	9.2	347	13.8	4.9
Social scientists	143	21.3	4.3	345	38.0	5.2
Social and recreation workers	356	55.1	15.8	496	65.5	16.1
Teachers, college and university	464	28.0	4.1	601	35.4	4.8
Teachers, except college and university [1]	2,852	70.0	8.4	3,266	70.7	9.0
Elementary	1,256	85.1	9.2	1,434	82.4	10.5
Pre-kindergarten and kindergarten	189	96.8	12.2	271	98.5	12.2
Secondary	1,118	49.6	7.8	1,231	51.9	7.3
Engineering and science technicians [1]	835	9.1	3.6	1,114	18.3	6.2
Drafters	288	6.3	3.5	304	18.4	5.9
Electrical and electronic engineering technicians	166	5.5	4.2	314	12.4	6.7
Technicians, except health, engineering, and science	153	11.2	2.6	214	22.9	5.6
Vocational and educational counselors	134	50.0	11.2	164	51.8	12.8
Writers, artists, and entertainers	903	31.7	3.8	1,399	42.9	4.4
Managers and administrators, except farm [1]	**8,081**	**17.6**	**3.0**	**11,493**	**28.0**	**3.9**
Bank officers and financial managers	430	19.0	1.6	731	37.1	3.0
Buyers, wholesale and retail trade	162	32.9	3.1	195	43.1	2.6
Health administrators	119	46.6	6.8	228	50.9	3.5
Managers and superintendents, building	137	42.6	6.6	183	52.5	5.5
Officials and administrators, public administration, n.e.c	311	20.4	6.8	430	29.3	7.2
Purchasing agents and buyers, n.e.c	366	21.2	3.3	474	35.7	3.2
Restaurant, cafeteria, and bar managers	498	32.4	6.7	768	40.6	6.5
Sales managers	574	15.7	1.1	725	25.9	3.6
School administrators	304	26.0	7.2	423	36.2	11.3
Sales workers [1]	**5,383**	**41.6**	**3.0**	**6,580**	**45.4**	**3.8**
Insurance agents, brokers, and underwriters	443	11.6	2.9	645	26.2	6.2
Real estate agents and brokers	352	36.7	2.0	534	50.2	.7
Stock and bond sales agents	102	9.9	1.0	197	19.8	4.1
Sales representatives, manufacturing industries	401	6.8	1.3	383	21.4	2.6
Sales representatives, wholesale trade	700	4.7	1.0	1,020	13.9	1.6
Sales clerks, retail trade	2,359	68.9	4.2	2,447	70.0	5.1
Salesworkers, except clerks, retail trade	432	13.0	2.1	522	19.2	3.3
Salesworkers, services and construction	137	29.4	2.2	268	42.5	3.4
Clerical and kindred workers [1]	**14,329**	**75.6**	**7.7**	**18,446**	**80.7**	**9.4**
Bank tellers	290	87.5	4.1	561	92.0	5.7
Bookkeepers	1,592	87.9	2.7	1,968	91.8	4.3
Cashiers	998	86.6	6.6	1,683	86.8	10.0
Counter clerks, except food	331	73.9	5.8	373	76.4	7.5
Estimators and investigators, n.e.c	350	43.4	4.6	570	58.4	10.5
Insurance adjusters, examiners, and investigators	109	34.3	5.5	200	56.5	7.5
Office machine operators [1]	679	71.4	11.0	1,107	74.6	14.0
Computer and peripheral equipment operators	199	37.8	9.0	588	63.3	11.7
Key punch operators	284	89.8	12.3	364	94.5	16.8
Receptionists	439	97.0	6.6	672	97.5	6.7
Secretaries	2,964	99.1	4.4	3,847	99.2	5.9
Shipping and receiving clerks	453	14.9	13.0	499	24.8	11.8
Statistical clerks	301	70.9	7.3	365	81.6	11.2
Stock clerks and storekeepers	513	22.9	11.7	497	36.8	12.9
Telephone operators	394	96.7	12.4	283	91.9	16.3
Typists	1,025	96.1	10.8	942	96.6	13.9

See footnotes at end of table.

NO. 696. EMPLOYED PERSONS, BY SEX, RACE, AND OCCUPATION: 1972 AND 1982—Continued

[**Civilians 16 years old and over.** "N.e.c." means not elsewhere classified. See *Historical Statistics, Colonial Times to 1970*, series D 233-682, for similar data]

OCCUPATION	1972			1982		
	Total employed (1,000)	Percent		Total employed (1,000)	Percent	
		Female	Black		Female	Black
Craft and kindred workers [1]	**10,867**	**3.6**	**6.2**	**12,272**	**7.0**	**6.7**
Carpenters	1,052	.5	5.0	1,082	1.7	4.2
Brickmasons and stonemasons	176	–	13.1	145	.7	14.5
Electricians	498	.6	2.6	628	1.6	6.1
Excavating, grading, and road machine operators	428	–	4.4	399	1.3	9.0
Painters, construction and maintenance	430	1.9	9.1	473	5.5	9.7
Plumbers and pipe fitters	391	–	4.9	482	.8	6.4
Blue-collar worker supervisors, n.e.c	1,419	6.9	5.4	1,688	12.1	6.7
Machinists and jobsetters	473	.6	5.7	589	3.1	8.0
Metalcraft workers [1]	625	1.9	5.3	579	3.8	6.2
Mechanics, automobile	1,040	.5	7.4	1,236	1.0	7.0
Mechanics, except automobile [1]	1,746	1.0	4.5	2,122	2.6	5.7
Air conditioning, heating, and refrigeration	175	–	5.7	217	–	5.1
Aircraft	124	–	.8	130	3.8	6.2
Heavy equipment including diesel	719	.7	4.7	946	1.5	5.3
Printing craftworkers [1]	398	14.9	5.0	454	28.2	5.9
Compositors and typesetters	171	17.1	6.4	192	38.0	5.2
Printing press operators	142	4.9	3.5	183	12.6	6.0
Bakers	115	28.9	15.7	157	47.8	7.0
Crane, derrick, and hoist operators	150	1.3	15.3	120	.8	11.7
Electric power line and cable operators	102	–	3.9	110	.9	9.1
Stationary engineers	191	1.1	5.2	193	2.1	7.3
Telephone installers and repairers	312	1.9	3.8	304	10.9	8.2
Operatives, except transport [1]	**10,388**	**38.6**	**12.1**	**9,429**	**40.7**	**13.5**
Assemblers	1,022	46.8	12.6	1,087	53.8	12.8
Checkers, examiners, and inspectors, manufacturing	688	48.5	8.3	729	53.9	12.5
Garage workers and gas station attendants	504	4.6	7.1	320	5.3	10.0
Laundry and dry cleaning operatives, n.e.c	166	69.7	26.5	188	66.5	21.3
Meat cutters and butchers, except manufacturing	202	3.5	15.7	183	6.6	7.7
Mine operatives	144	.7	5.6	222	1.4	4.5
Packers and wrappers, exc. meat and produce	649	61.1	13.3	582	60.8	17.5
Painters, manufactured articles	179	14.6	14.0	139	15.8	14.4
Precision machine operatives	390	10.0	6.9	275	12.4	7.3
Sewers and stitchers	942	95.8	10.9	735	95.4	14.6
Textile operatives	426	55.2	15.3	270	63.0	25.9
Welders and flame cutters	558	3.6	9.0	602	4.8	9.5
Transport equipment operatives [1]	**3,223**	**4.2**	**14.2**	**3,377**	**8.9**	**13.1**
Bus drivers	253	34.1	17.0	354	46.6	19.5
Delivery and route workers	895	2.5	9.8	574	9.6	7.5
Taxicab drivers and chauffeurs	167	9.0	22.2	152	9.9	19.1
Truck drivers	1,449	.6	13.8	1,841	2.1	12.2
Laborers, except farm [1]	**4,242**	**6.0**	**18.6**	**4,518**	**11.7**	**15.1**
Construction laborers, including carpenters' helpers	948	.5	21.3	786	3.2	17.6
Freight and material handlers	765	5.9	21.3	696	9.8	16.8
Gardeners and groundskeepers, except farm	548	2.2	16.2	722	5.0	13.3
Stockhandlers	728	16.9	8.9	972	24.5	12.0
Farmers and farm managers	**1,690**	**5.9**	**2.7**	**1,452**	**11.8**	**1.2**
Farm laborers and supervisors [1]	**1,386**	**32.1**	**13.5**	**1,271**	**24.1**	**10.4**
Farm laborers, wage workers	892	15.3	20.0	987	15.4	13.0
Farm laborers, unpaid family workers	455	66.8	1.8	244	61.9	.4
Service workers, except private household	**9,584**	**57.0**	**17.1**	**12,694**	**59.0**	**15.7**
Cleaning service workers	2,084	32.8	28.6	2,515	38.3	24.7
Food service workers	3,286	69.8	11.7	4,760	65.7	10.2
Health service workers [1]	1,513	87.0	23.8	2,022	89.7	22.4
Health aides, except nursing, and trainees	158	79.6	21.6	333	86.2	15.3
Nursing aides, orderlies, and attendants	915	83.4	26.1	1,136	87.1	29.0
Practical nurses	345	96.5	24.5	400	97.0	16.3
Personal service workers [1]	1,551	71.5	11.9	1,850	76.9	12.3
Child care workers, except private household	358	95.8	13.2	472	96.2	12.5
Hairdressers and cosmetologists	501	91.2	6.0	573	89.5	6.8
Protective service workers [1]	1,150	5.7	9.6	1,546	10.9	13.8
Firefighters	201	.5	3.5	218	.5	8.3
Guards	415	4.6	14.8	685	12.7	19.6
Police and detectives	418	2.6	7.5	505	6.7	9.3
Private household workers [1]	**1,442**	**97.6**	**39.6**	**1,042**	**96.9**	**28.2**
Child care workers	545	98.0	8.8	469	97.4	7.9
Cleaners and servants	715	97.2	63.7	439	95.9	47.2

– Represents zero or rounds to zero. [1] Includes occupations not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, and unpublished data.

No. 697. Occupation and Sex of Employed Persons, by Employment Status of the Previous Year: 1981

[For persons 18 years old and over, not in school]

Occupation	Male					Female				
	Employed, Jan. 1981 (1,000)	Employment status, Jan. 1980 (percent)				Employed, Jan. 1981 (1,000)	Employment status, Jan. 1980 (percent)			
		Same occupation	Different occupation	Unemployed	Not in labor force		Same occupation	Different occupation	Unemployed	Not in labor force
Total [1]	**50,502**	**83.8**	**9.2**	**3.2**	**3.7**	**37,832**	**77.2**	**10.0**	**3.5**	**9.3**
Prof., technical, and kindred workers	8,485	88.6	6.4	1.3	3.7	6,967	82.6	8.3	1.9	7.2
Managers and administrators [2]	7,831	88.5	8.5	1.4	1.6	3,104	79.6	12.4	1.7	6.3
Sales workers	3,069	83.9	10.3	2.2	3.5	2,334	70.6	11.3	3.9	14.2
Retail sales	900	75.6	12.5	4.5	7.3	1,608	67.5	11.2	4.7	16.6
Clerical and kindred workers	3,210	79.4	12.5	2.8	5.3	13,218	77.4	11.0	3.2	8.3
Craft and kindred workers	10,784	85.7	7.7	4.0	2.7	692	80.7	9.8	2.4	7.1
Operatives, except transport	5,695	79.3	11.6	4.5	4.7	3,805	78.2	8.3	5.8	7.6
Transport equipment operatives	2,844	83.8	8.7	4.7	2.8	253	81.1	7.6	3.1	8.3
Nonfarm laborers	2,905	69.4	15.9	7.8	6.9	423	69.7	13.9	4.9	11.5
Service workers [3]	3,928	78.3	10.9	4.4	6.4	5,919	72.0	9.3	5.2	13.5
Cleaning service	1,313	77.8	11.5	5.0	5.7	834	74.8	8.7	6.3	10.1
Food service	905	71.2	12.6	5.6	10.6	2,253	68.2	12.1	5.8	13.8
Health service	163	74.7	15.8	4.6	4.9	1,538	75.5	7.7	4.4	12.3
Personal service	306	79.3	9.4	3.5	7.8	1,146	72.3	6.8	4.0	16.9
Farmers and farm managers	1,131	95.5	2.4	.8	1.3	130	86.9	1.4	-	11.7
Farm laborers and supervisors	591	73.9	11.1	4.7	10.3	182	77.1	6.5	6.0	10.4

- Represents zero or rounds to zero. [1] Includes other occupations, not shown separately. [2] Except farm. [3] Excluding private households.

Source: U.S. Bureau of Labor Statistics, *Bulletin 2162.*

No. 698. Employment, by Industry: 1970 to 1982

[In thousands of civilian persons 16 years old and over, except percent. Annual averages of monthly figures. Based on Current Population Survey; see text, pp. 401 and 402, and Appendix III. Persons of Hispanic origin may be of any race]

Industry	1970	1975	1980	1981	1982			Percent female	
					Total	Percent			
						Black	Hispanic	1970	1982
Total employed	**78,678**	**85,846**	**99,303**	**100,397**	**99,526**	**9.2**	**5.2**	**37.7**	**43.5**
Agriculture, forestry, fisheries	3,567	3,505	3,529	3,518	3,571	5.4	7.3	17.0	19.4
Mining	516	752	979	1,118	1,028	3.0	5.4	7.0	16.0
Construction	4,818	5,093	6,215	6,060	5,756	6.6	5.3	4.9	8.5
Manufacturing	20,746	19,457	21,942	21,817	20,286	9.4	6.5	27.7	32.3
Transportation, communication, and other public utilities	5,320	5,692	6,525	6,633	6,552	11.0	4.8	21.2	26.3
Wholesale and retail trade	15,008	17,713	20,191	20,524	20,758	6.5	5.0	29.8	47.1
Wholesale trade	2,672	3,382	3,920	4,016	4,120	5.4	4.8	22.4	27.4
Retail trade	12,336	14,331	16,270	16,508	16,638	6.8	5.0	45.8	51.9
Finance, insurance, real estate	3,945	4,735	5,993	6,133	6,270	7.7	4.6	50.4	57.2
Banking and other finances	1,697	1,951	2,568	2,721	2,785	8.0	4.7	57.7	64.3
Insurance and real estate	2,248	2,783	3,425	3,413	3,485	7.4	4.4	44.9	51.6
Services [1]	20,281	24,077	28,587	29,360	30,090	11.4	4.6	60.6	60.9
Business services	1,403	1,695	2,361	2,518	2,796	9.7	4.8	40.4	44.1
Automobile services	600	711	952	989	1,038	7.0	(NA)	8.7	11.7
Personal services [1]	4,276	3,772	3,839	3,914	3,993	16.1	7.2	75.5	72.1
Private households	1,782	1,392	1,257	1,276	1,271	26.4	7.8	88.9	84.9
Hotels and lodging places	979	996	1,149	1,197	1,270	12.1	(NA)	68.0	65.8
Entertainment and recreation	717	865	1,047	1,107	1,138	6.9	4.6	33.9	40.9
Professional and related services [1]	[2] 12,904	16,573	19,853	20,201	20,507	*11.4*	*3.6*	*63.7*	*66.0*
Hospitals	2,843	3,441	4,036	4,186	4,341	15.8	3.9	77.4	76.2
Health services [3]	1,628	2,505	3,345	3,476	3,518	11.1	3.9	71.1	75.8
Elementary, secondary schools	6,126	5,077	5,550	5,439	5,457	12.0	(NA)	62.0	70.7
Colleges and universities		1,852	2,108	2,147	2,199	9.5	(NA)		50.8
Welfare and religious agencies	828	1,247	1,590	1,631	1,594	14.6	5.0	48.1	59.4
Public administration [4]	[2] 4,476	4,824	5,342	5,233	5,218	13.4	4.3	31.5	37.1

NA Not available. [1] Includes industries not shown separately. [2] Not strictly comparable with later years due to reclassification between "Professional and related services" and "Public administration." [3] Except hospitals. [4] Includes workers involved in uniquely governmental activities, e.g., judicial and legislative.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly, and unpublished data.

NO. 699. UNEMPLOYED AND UNEMPLOYMENT INSURANCE—SUMMARY: 1972 TO 1982

[In thousands, except as indicated. Persons 16 years old and over. Annual averages of monthly figures, except as indicated. See also *Historical Statistics, Colonial Times to 1970,* series D 87–101]

ITEM AND CHARACTERISTIC	1972	1975	1976	1977	1978	1979	1980	1981	1982
Total unemployed [1]	**4,882**	**7,929**	**7,406**	**6,991**	**6,202**	**6,137**	**7,637**	**8,273**	**10,678**
Labor force time lost [2] *(percent)*	*5.9*	*9.1*	*8.3*	*7.6*	*6.5*	*6.3*	*7.9*	*8.5*	*11.0*
Male	2,659	4,442	4,036	3,667	3,142	3,120	4,267	4,577	6,179
Female	2,222	3,486	3,369	3,324	3,061	3,018	3,370	3,696	4,499
White	3,906	6,421	5,914	5,441	4,698	4,664	5,884	6,343	8,241
Black	906	1,369	1,334	1,393	1,330	1,319	1,553	1,731	2,142
Full-time workers	*3,806*	*6,523*	*5,974*	*5,548*	*4,838*	*4,787*	*6,269*	*6,795*	*9,006*
Part-time workers	1,077	1,408	1,432	1,443	1,364	1,351	1,369	1,477	1,672
Percent of total unemployed	22.1	17.8	19.3	20.6	22.0	22.0	17.9	17.9	15.7
16–19 years old [1]	1,308	1,767	1,719	1,663	1,583	1,555	1,669	1,763	1,977
Percent of total unemployed	26.8	22.3	23.2	23.8	25.5	25.3	21.9	21.3	18.5
Male	711	966	939	874	813	811	913	962	1,090
Female	598	802	780	789	769	743	755	800	886
White	1,021	1,413	1,364	1,284	1,189	1,193	1,291	1,374	1,534
Black	279	330	330	354	360	333	343	357	396
20–24 years old [1]	1,132	1,865	1,714	1,629	1,483	1,442	1,835	1,976	2,392
Percent of total unemployed	23.2	23.5	23.1	23.3	23.9	23.5	24.0	23.9	22.4
Male	628	1,081	951	877	768	744	1,076	1,144	1,407
Female	503	783	763	752	714	697	760	833	985
White	887	1,473	1,327	1,196	1,058	1,038	1,364	1,449	1,770
Black	226	362	350	397	379	369	426	483	565
25–44 years old	1,454	2,727	2,559	2,435	2,116	2,151	2,964	3,276	4,589
Percent of total unemployed	29.8	34.4	34.6	34.8	34.1	35.0	38.8	39.6	43.0
Male	750	1,493	1,345	1,242	1,005	1,028	1,619	1,765	2,670
Female	706	1,235	1,212	1,194	1,112	1,123	1,345	1,511	1,919
45–64 years old	878	1,413	1,268	1,116	897	886	1,075	1,159	1,613
Percent of total unemployed	18.0	17.8	17.1	16.0	14.5	14.4	14.1	14.0	15.1
Male	499	801	707	578	475	468	600	651	943
Female	378	612	561	538	422	418	475	508	670
65 years and over	111	155	147	147	123	104	94	98	107
Unemployment rate (percent): [3]									
All workers [1]	5.6	8.5	7.7	7.1	6.1	5.8	7.1	7.6	9.7
White	*5.1*	*7.8*	*7.0*	*6.2*	*5.2*	*5.1*	*6.3*	*6.7*	*8.6*
Male	4.5	7.2	6.4	5.5	4.6	4.5	6.1	6.5	9.9
Female	5.9	8.6	7.9	7.3	6.2	5.9	6.5	6.9	9.4
Black	10.4	14.8	14.0	14.0	12.8	12.3	14.3	15.6	18.9
Ratio to White	2.0	1.9	2.0	2.3	2.5	2.4	2.3	2.3	2.2
Male	9.3	14.8	13.7	13.3	11.8	11.4	14.5	15.7	20.1
Female	11.8	14.8	14.3	14.9	13.8	13.3	14.0	15.6	17.6
Men, 20 years old and over	*4.0*	*6.8*	*5.9*	*5.2*	*4.3*	*4.2*	*5.9*	*6.3*	*8.8*
Women, 20 years old and over	5.4	8.0	7.4	7.0	6.0	5.7	6.4	6.8	8.3
Women maintaining families	7.2	10.0	10.1	9.4	8.5	8.3	9.2	10.4	11.7
Married men, wife present [1]	2.6	5.1	4.2	3.6	2.8	2.8	4.2	4.3	6.5
White	2.6	4.8	4.0	3.4	2.6	2.5	3.9	4.0	6.0
Black	4.5	8.7	7.2	6.3	5.0	5.3	7.4	8.6	12.9
Teenagers (16–19 yr. old) [1]	16.2	19.9	19.0	17.8	16.4	16.1	17.8	19.6	23.2
White	14.2	17.9	16.9	15.4	13.9	14.0	15.5	17.3	20.4
Black	*35.4*	*39.5*	*39.2*	*41.1*	*38.7*	*36.5*	*38.5*	*41.4*	*48.0*
Blue-collar workers	6.5	11.7	9.4	8.1	6.9	7.0	10.0	10.3	14.2
White-collar workers	3.4	4.7	4.6	4.3	3.5	3.4	3.7	4.0	4.9
Experienced workers [4]	5.3	8.2	7.3	6.6	5.6	5.5	6.9	7.3	9.3
Percent without work for—									
4 weeks or less	45.9	37.1	38.4	41.8	46.2	48.1	43.1	41.7	36.4
5–10 weeks	*22.5*	*22.2*	*21.0*	*22.0*	*22.8*	*23.4*	*23.4*	*22.4*	*21.7*
11–14 weeks	7.6	9.1	8.6	8.5	8.3	8.3	9.0	8.3	9.4
15–26 weeks	12.3	16.4	13.7	13.1	12.4	11.5	13.8	13.6	16.0
Over 26 weeks	11.6	15.2	18.2	14.7	10.4	8.7	10.7	14.0	16.6
Unemployment duration, average (weeks)	12.1	14.2	15.8	14.3	11.9	10.8	11.9	13.7	15.6
Unemployment insurance: [5]									
Insured unemployed, average [6]	1,848	3,986	2,991	2,655	2,359	2,434	3,350	3,047	4,060
Percent of covered employment	*3.5*	*6.0*	*4.6*	*3.9*	*3.3*	*2.9*	*3.9*	*3.5*	*4.6*
Initial claims, weekly average [7]	261	478	386	375	346	388	488	460	583
Claimants exhausting benefits	1,609	4,195	3,270	2,850	2,039	2,037	3,072	2,989	4,175
Percent of first payment claims	29.2	37.8	37.8	33.2	26.7	25.2	30.7	32.4	38.5
Average duration of benefits (weeks)	14.2	15.7	14.9	14.2	13.3	13.1	14.9	14.5	15.9

[1] Includes other races, not shown separately. [2] Aggregate hours lost by the unemployed and persons on part-time for economic reasons as a percent of potentially available labor force hours. [3] Unemployed as percent of civilian labor force in *specified group.* [4] *Wage and salary workers.* [5] *Source: U.S. Employment and Training Administration.* State programs only. Includes Puerto Rico and, beginning 1978, Virgin Islands. See table 648. [6] Workers reporting completion of at least 1 week of unemployment. [7] Notices by workers to indicate they are starting periods of unemployment.

Source: Except as noted, U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly, and unpublished data.

No. 700. Unemployed Persons, by Sex and Reason: 1970 to 1982

[**In thousands of civilian persons 16 years old and over.** Annual averages of monthly figures]

Sex and reason unemployed	1970	1973	1974	1975	1977	1978	1979	1980	1981	1982
Total	**4,093**	**4,365**	**5,156**	**7,929**	**6,991**	**6,202**	**6,137**	**7,637**	**8,273**	**10,678**
Job losers	1,811	1,694	2,242	4,386	3,166	2,585	2,635	3,947	4,267	6,268
Job leavers	550	683	768	827	909	874	880	891	923	840
Reentrants	1,228	1,340	1,463	1,892	1,963	1,857	1,806	1,927	2,102	2,384
New entrants	504	649	681	823	953	885	817	872	981	1,185
Male	**2,238**	**2,275**	**2,714**	**4,442**	**3,667**	**3,142**	**3,120**	**4,267**	**4,577**	**6,179**
Job losers	1,199	1,099	1,462	2,909	2,021	1,622	1,667	2,649	2,821	4,278
Job leavers	282	338	371	375	413	419	427	438	435	390
Reentrants	533	536	589	782	794	706	673	776	850	946
New entrants	224	301	295	377	441	394	352	405	472	565
Female	*1,855*	*2,089*	*2,441*	*3,486*	*3,324*	*3,061*	*3,018*	*3,370*	*3,696*	*4,499*
Job losers	614	593	781	1,478	1,145	964	968	1,297	1,446	1,990
Job leavers	267	345	398	452	496	455	453	454	488	450
Reentrants	696	803	875	1,110	1,170	1,151	1,133	1,151	1,252	1,438
New entrants	279	346	388	447	513	491	465	468	509	621

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly, *Bulletin 2096.*

No. 701. Unemployment Rate, by Industry and Occupation, 1975 to 1982, and by Sex, 1979 to 1982

[**Civilian persons 16 years old and over.** Rate represents unemployment as a percent of labor force in each specified group. Annual averages of monthly figures]

Industry and occupation of last job	1975	1979	1980	1981	1982	Male			Female		
						1979	1980	1982	1979	1980	1982
All unemployed [1]	**8.5**	**5.8**	**7.1**	**7.6**	**9.7**	**5.1**	**6.9**	**9.9**	**6.8**	**7.4**	**9.4**
Industry: [2]											
Agriculture	10.3	9.1	11.0	12.2	14.7	7.7	9.7	13.9	14.0	15.1	18.0
Mining	*4.1*	*4.9*	*6.4*	*6.0*	*13.4*	*5.0*	*6.8*	*14.9*	*4.3*	*4.5*	*5.2*
Construction	18.0	10.3	14.1	15.6	20.0	10.4	14.7	20.5	7.5	8.8	13.8
Manufacturing	10.9	5.6	8.5	8.3	12.3	4.4	7.4	11.4	8.0	10.7	14.1
Transportation, public utilities	5.6	3.7	4.9	5.2	6.8	3.4	5.1	7.3	4.5	4.4	5.5
Wholesale and retail trade	8.7	6.5	7.4	8.1	10.0	5.4	6.6	9.2	7.7	8.3	10.8
Finance, insurance, and real estate	4.9	3.0	3.4	3.5	4.7	2.3	3.2	4.4	3.5	3.5	4.9
Service industries	7.1	5.5	5.9	6.6	7.6	5.1	6.2	8.3	5.6	5.7	7.2
Government	4.1	3.7	4.1	4.7	4.9	3.1	3.8	4.7	4.3	4.3	5.1
Occupation: [3]											
Professional and technical	3.2	2.4	2.5	2.8	3.3	1.8	2.0	3.0	3.3	3.0	3.6
Managers and administrators [4]	3.0	2.1	2.4	2.7	3.5	1.7	2.0	3.1	3.4	3.5	4.5
Sales workers	5.8	3.9	4.4	4.6	5.6	2.8	3.5	4.6	5.3	5.4	6.6
Clerical workers	*6.6*	*4.7*	*5.3*	*5.7*	*7.0*	*3.8*	*4.8*	*6.8*	*4.8*	*5.4*	*7.0*
Craft and kindred workers	8.3	4.5	6.6	7.5	10.2	4.4	6.6	10.3	5.0	6.9	8.7
Operatives, except transport	14.7	8.5	12.2	12.2	17.7	6.9	11.0	17.3	10.6	13.9	18.3
Transport equipment operatives	8.5	5.5	8.8	8.7	11.7	5.4	8.9	11.9	5.0	7.7	9.7
Nonfarm laborers	15.6	10.9	14.6	14.7	18.5	10.8	14.8	18.7	11.0	12.6	17.3
Service workers	8.6	7.2	7.9	8.9	10.6	6.6	8.1	11.3	7.4	7.7	10.1
Farm workers	3.6	3.9	4.6	5.3	6.5	3.0	3.7	5.8	7.0	7.4	9.7

[1] Includes the self-employed, unpaid family workers, and persons with no previous work experience, not shown separately. [2] Covers unemployed wage and salary workers. [3] Includes all experienced unemployed persons. [4] Excludes farm.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly.

No. 702. Unemployment Rate by Occupation of Last Job, Education, and Sex: 1982

[**In percent.** As of **March.** For civilian persons 25 to 64 years old]

Occupation	High school				College			
	Less than 4 years		4 years only		1 to 3 years		4 years or more	
	Male	Female	Male	Female	Male	Female	Male	Female
Total	**12.6**	**11.9**	**9.0**	**7.7**	**6.6**	**5.3**	**2.8**	**3.2**
Professional and technical workers	5.9	7.4	4.5	4.1	4.2	2.7	1.7	2.3
Managers and administrators, except farm	4.6	5.5	2.8	3.1	3.8	4.7	1.7	4.3
Sales workers	9.1	5.8	4.3	7.3	5.3	4.9	3.0	3.6
Clerical workers	6.8	9.5	6.0	6.3	5.6	5.2	3.2	4.7
Craft workers	14.3	9.6	9.8	7.3	6.8	9.8	8.6	(B)
Operatives, except transport	14.7	16.5	14.5	16.6	12.0	12.9	18.3	7.4
Transport equipment operatives	12.4	8.9	11.1	6.4	15.9	(B)	16.6	(B)
Nonfarm laborers	18.6	14.0	18.2	12.2	13.5	(B)	19.3	(B)
Service workers	*8.6*	*8.7*	*8.7*	*7.8*	*9.1*	*7.0*	*6.5*	*4.6*
Farm workers	7.5	32.0	4.0	3.6	3.2	(B)	(B)	(B)

B Base is less than 75,000.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review,* February 1983.

NO. 703. TOTAL UNEMPLOYED AND INSURED UNEMPLOYED—STATES: 1978 TO 1982

[Civilian population 16 years old and over. Annual averages of monthly figures, except as noted. Total unemployment estimates *based on the Current Population Survey (CPS); see text, p. 2]*

REGION, DIVISION AND STATE	TOTAL UNEMPLOYED [1]										INSURED UNEMPLOYED			
	Number (1,000)					*Percent* [2]					*Number (1,000)*		*Percent* [3]	
	1978	1979	1980	1981	1982	1978	1979	1980	1981	1982	1981	1982	1981	1982
U.S	6,202	6,137	7,637	8,273	10,678	6.1	5.8	7.1	7.6	9.7	2,989	3,998	3.5	4.6
N. Eng.: Maine	30	36	39	37	44	6.1	7.2	7.8	7.2	8.6	16.6	18.5	4.2	4.7
N.H	16	14	22	24	36	3.8	3.1	4.7	5.0	7.4	7.9	10.7	2.1	2.8
Vt	14	12	16	15	18	5.7	5.1	6.4	5.7	6.9	7.3	10.0	3.9	5.0
Mass	172	159	162	188	239	6.1	5.5	5.6	6.4	7.9	85.5	99.4	3.4	3.9
R.I	30	31	34	36	49	6.6	6.6	7.2	7.6	10.2	19.4	22.8	5.0	5.9
Conn	78	80	94	98	111	5.2	5.1	5.9	6.2	6.9	36.1	47.5	2.6	3.4
Mid. Atl.: N.Y	602	570	597	613	687	7.7	7.1	7.5	7.6	8.6	233.7	267.6	3.4	3.8
N.J	247	246	259	262	325	7.2	6.9	7.2	7.3	9.0	126.2	138.8	4.2	4.7
Pa	367	370	425	458	599	6.9	6.9	7.8	8.4	10.9	199.0	292.3	4.4	6.6
E. No. Cent.: Ohio	268	298	426	492	640	5.4	5.9	8.4	9.6	12.5	170.0	237.9	4.1	5.9
Ind	147	169	252	264	310	5.7	6.4	9.6	10.1	11.9	64.9	94.9	3.2	4.9
Ill	329	298	458	474	632	6.1	5.5	8.3	8.5	11.3	197.5	244.9	4.4	5.5
Mich	*289*	*335*	*534*	*529*	*661*	*6.9*	*7.8*	*12.4*	*12.3*	*15.5*	192.6	230.6	5.9	7.2
Wis	116	106	167	185	261	5.1	4.5	7.2	7.8	10.7	87.1	107.2	4.7	5.9
W. No. Cent.: Minn	75	85	125	119	169	3.8	4.2	5.9	5.5	7.8	47.7	67.7	2.8	4.1
Iowa	57	59	82	99	121	4.0	4.1	5.8	6.9	8.5	30.4	45.8	2.9	4.4
Mo	*114*	*104*	*167*	*179*	*214*	*5.0*	*4.5*	*7.2*	*7.7*	*9.2*	70.4	78.8	3.8	4.3
N. Dak	14	11	15	16	18	4.6	3.7	5.0	5.0	5.9	6.4	8.0	3.0	3.6
S. Dak	10	12	16	17	18	3.1	3.5	4.9	5.1	5.5	4.2	4.9	2.0	2.3
Neb	23	25	31	32	48	2.9	3.2	4.1	4.1	6.1	11.5	16.1	2.0	2.7
Kans	34	39	53	50	74	3.1	3.4	4.5	4.2	6.3	20.9	35.6	2.4	4.0
So. Atl.: Del	22	23	22	23	25	7.6	8.0	7.7	7.9	8.5	8.3	8.9	3.3	3.5
Md	115	125	140	157	183	5.6	5.9	6.5	7.3	8.4	49.0	66.0	3.2	4.2
D.C	29	25	24	28	33	8.5	7.5	7.3	9.0	10.6	11.5	14.4	3.1	3.9
Va	133	119	128	158	204	5.4	4.7	5.0	6.1	7.7	36.7	49.5	1.9	2.6
W. Va	47	53	74	84	107	6.3	6.7	9.4	10.7	13.9	34.8	41.7	5.8	7.1
N.C	120	134	187	188	266	4.3	4.8	6.6	6.4	9.0	68.1	106.9	3.0	4.6
S.C	78	69	96	119	161	5.7	5.0	6.9	8.4	10.8	41.9	62.3	3.7	5.5
Ga	137	125	163	165	207	5.7	5.1	6.4	6.4	7.8	50.9	70.3	2.5	3.4
Fla	262	248	251	307	386	6.6	6.0	5.9	6.8	8.2	60.9	90.3	1.7	2.5
E. So. Cent.: Ky	84	89	133	140	178	5.2	5.6	8.0	8.4	10.6	50.4	64.5	4.5	5.8
Tenn	113	119	152	193	252	5.8	5.8	7.3	9.1	11.8	63.2	82.0	3.8	5.0
Ala	104	119	147	178	247	6.3	7.1	8.8	10.7	14.4	50.4	67.3	4.0	5.4
Miss	71	59	79	88	117	7.1	5.8	7.5	8.3	11.0	30.1	44.5	3.9	5.8
W. So. Cent.: *Ark*	*60*	*61*	*76*	*94*	*99*	*6.3*	*6.2*	*7.6*	*9.1*	*9.8*	31.0	39.5	4.4	5.6
La	116	115	121	156	192	7.0	6.7	6.7	8.4	10.3	40.5	69.7	2.7	4.5
Okla	49	45	66	52	83	3.9	3.4	4.8	3.6	5.7	14.8	33.5	1.4	3.0
Tex	299	273	352	373	505	4.8	4.2	5.2	5.3	6.9	64.5	122.3	1.2	2.1
Mt.: *Mont*	*22*	*19*	*23*	*27*	*34*	*6.0*	*5.1*	*6.1*	*6.9*	*8.6*	10.3	13.1	4.1	5.2
Idaho	24	25	34	32	43	5.7	5.7	7.9	7.6	9.8	15.3	21.3	5.0	7.0
Wyo	7	6	9	10	15	3.3	2.8	4.0	4.1	5.8	3.5	7.5	1.8	3.6
Colo	74	68	88	84	122	5.5	4.8	5.9	5.5	7.7	24.6	36.7	2.1	3.0
N. Mex	31	36	42	42	54	5.8	6.6	7.5	7.3	9.2	11.4	16.1	2.8	3.8
Ariz	*66*	*58*	*83*	*78*	*131*	*6.1*	*5.1*	*6.7*	*6.1*	*9.9*	23.7	40.2	2.4	4.0
Utah	22	26	40	43	52	3.8	4.3	6.3	6.7	7.8	15.3	23.0	3.1	4.7
Nev	17	20	27	33	49	4.4	5.1	6.2	7.1	10.1	13.0	18.5	3.4	4.6
Pac.: Wash	124	131	157	189	244	6.8	6.8	7.9	9.5	12.1	75.8	100.1	4.9	6.5
Oreg	*74*	*85*	*108*	*132*	*152*	*6.0*	*6.8*	*8.3*	*9.9*	*11.5*	56.9	67.1	5.8	7.0
Calif	775	702	790	874	1,211	7.1	6.2	6.8	7.4	9.9	375.0	516.7	3.8	5.2
Alaska	20	17	18	18	21	11.2	9.2	9.7	9.3	9.9	10.5	11.1	7.0	6.8
Hawaii	32	26	21	24	31	7.7	6.3	4.9	5.4	6.7	11.6	13.4	3.0	3.5

[1] Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment,* annual; and unpublished data. [2] Total unemployment as percent of civilian labor force. [3] Insured unemployment as percent of average covered employment in the previous year.

Source: Except as noted, U.S. Employment and Training Administration, *Manpower Report of the President,* annual.

NO. 704. U.S. EMPLOYMENT SERVICE JOB OPENINGS AND PLACEMENTS, AND INDEX OF HELP-WANTED ADVERTISING: 1970 TO 1982

[In thousands, except as indicated. *Openings and placements. For years ending* **Sept. 30]**

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Job openings: [1] Received	6,130	9,439	7,889	7,668	8,396	9,534	9,477	8,122	7,548	6,150
Average per month	511	787	657	639	699	795	789	677	629	513
Nonagricultural placements [1]	4,604	4,913	4,374	5,234	5,544	6,248	6,349	5,610	3,509	2,804
Index of help wanted advertising in newspapers [2] (1967=100)	93	110	80	95	118	150	158	129	119	86

[1] As reported by State employment agencies. [2] Source: The Conference Board, New York, N.Y. Further reproduction prohibited without permission. Index based on number of advertisements in classified sections of newspapers.

Source: Except as noted, U.S. Employment and Training Administration, unpublished data.

No. 705. Nonagricultural Establishments—Employees, Hours, and Earnings, by Industry: 1960 to 1983

[Based on data from establishment reports. Includes all full- and part-time employees who worked during, or received pay for, any part of the pay period reported. Excludes proprietors, the self-employed, farmworkers, unpaid family workers, private household workers, and Armed Forces. Establishment data shown here conform to industry definitions in 1972 Standard Industrial Classification Manual and are adjusted to March 1982 employment benchmarks; consequently, may not be comparable with previously published data. Based on a Federal-State cooperative program; see Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series D 127-141 and D 803, 878, 881, 884, and 890]

Item and year	Total	Nonagricultural establishments								Grouped industries	
		Manufacturing	Wholesale and retail trade	Government	Services	Transportation and public utilities	Finance, insurance and real estate	Construction	Mining	Goods-related [1]	Service-related and all other
EMPLOYEES (1,000)											
1960	54,189	16,796	11,391	8,353	7,378	4,004	2,629	2,926	712	20,434	33,755
1965	60,765	18,062	12,716	10,074	9,036	4,036	2,977	3,232	632	21,926	38,839
1970	70,880	19,367	15,040	12,554	11,548	4,515	3,645	3,588	623	23,578	47,302
1975	76,945	18,323	17,060	14,686	13,892	4,542	4,165	3,525	752	22,600	54,345
1977	82,471	19,682	18,516	15,127	15,303	4,713	4,467	3,851	813	24,346	58,125
1978	86,697	20,505	19,542	15,672	16,252	4,923	4,724	4,229	851	25,585	61,113
1979	89,823	21,040	20,192	15,947	17,112	5,136	4,975	4,463	958	26,461	63,363
1980	90,406	20,285	20,310	16,241	17,890	5,146	5,160	4,346	1,027	25,658	64,748
1981	91,156	20,170	20,547	16,031	18,619	5,165	5,298	4,188	1,139	25,497	65,659
1982	89,596	18,853	20,401	15,803	19,064	5,081	5,340	3,911	1,143	23,907	65,689
1983, June [2]	89,832	18,587	20,485	15,711	19,660	4,991	5,451	3,941	1,006	23,534	66,298
PERCENT DISTRIBUTION											
1960	100.0	31.0	21.0	15.4	13.6	7.4	4.9	5.4	1.3	37.7	62.3
1965	100.0	29.7	20.9	16.6	14.9	6.7	4.9	5.3	1.0	36.1	63.9
1970	100.0	27.3	21.2	17.7	16.3	6.4	5.1	5.1	.9	33.3	66.7
1975	100.0	23.8	22.2	19.1	18.0	5.9	5.4	4.6	1.0	29.4	70.6
1977	100.0	23.8	22.5	18.3	18.6	5.7	5.4	4.7	1.0	29.5	70.5
1978	100.0	23.7	22.5	18.1	18.7	5.7	5.4	4.9	1.0	29.5	70.5
1979	100.0	23.4	22.5	17.8	19.0	5.7	5.5	5.0	1.1	29.5	70.5
1980	100.0	22.4	22.5	18.0	19.8	5.7	5.7	4.8	1.1	28.4	71.6
1981	100.0	22.1	22.5	17.6	20.4	5.7	5.8	4.6	1.3	28.0	72.0
1982	100.0	21.0	22.8	17.6	21.3	5.7	6.0	4.4	1.2	26.7	73.3
1983, June [2]	100.0	20.7	22.8	17.5	21.9	5.6	6.1	4.4	1.1	26.2	73.8
AVERAGE WEEKLY HOURS [3]											
1960	38.6	39.7	38.6	(NA)	(NA)	(NA)	37.2	36.7	40.4		
1965	38.8	41.2	37.7	(NA)	35.9	41.3	37.2	37.4	42.3		
1970	37.1	39.8	35.3	(NA)	34.4	40.5	36.7	37.3	42.7		
1975	36.1	39.5	33.9	(NA)	33.5	39.7	36.5	36.4	41.9		
1977	36.0	40.3	33.3	(NA)	33.0	39.9	36.4	36.5	43.4	(NA)	(NA)
1978	35.8	40.4	32.9	(NA)	32.8	40.0	36.4	36.8	43.4		
1979	35.7	40.2	32.6	(NA)	32.7	39.9	36.2	37.0	43.0		
1980	35.3	39.7	32.2	(NA)	32.6	39.6	36.2	37.0	43.3		
1981	35.2	39.8	32.2	(NA)	32.6	39.4	36.3	36.9	43.7		
1982	34.8	38.9	31.9	(NA)	32.6	39.0	36.2	36.7	42.6		
1983, June [2]	35.1	40.2	32.0	(NA)	32.7	38.9	(NA)	(NA)	(NA)		
AVERAGE WEEKLY EARNINGS [3]											
1960	$81	$90	$66	(NA)	(NA)	(NA)	$75	$113	$105		
1965	95	108	77	(NA)	$74	$125	89	139	124		
1970	120	133	96	(NA)	97	156	113	195	164		
1975	164	191	126	(NA)	135	233	148	266	249		
1977	189	229	143	(NA)	153	279	165	296	301	(NA)	(NA)
1978	204	249	154	(NA)	164	303	178	319	333		
1979	220	269	165	(NA)	175	326	191	343	365		
1980	235	289	176	(NA)	191	351	210	368	397		
1981	255	318	191	(NA)	209	382	229	399	439		
1982	267	331	198	(NA)	225	402	245	426	459		
1983, June [2]	281	356	207	(NA)	237	420	262	445	479		
AVERAGE HOURLY EARNINGS											
1960	$2.09	$2.26	$1.71	(NA)	(NA)	(NA)	$2.02	$3.07	$2.60		
1965	2.46	2.61	2.04	(NA)	$2.05	$3.03	2.39	3.70	2.92		
1970	3.23	3.35	2.72	(NA)	2.81	3.85	3.07	5.24	3.85		
1975	4.53	4.83	3.73	(NA)	4.02	5.88	4.06	7.31	5.95		
1977	5.25	5.68	4.28	(NA)	4.65	6.99	4.54	8.10	6.94	(NA)	(NA)
1978	5.69	6.17	4.67	(NA)	4.99	7.57	4.89	8.66	7.67		
1979	6.16	6.70	5.06	(NA)	5.36	8.16	5.27	9.27	8.49		
1980	6.66	7.27	5.48	(NA)	5.85	8.87	5.79	9.94	9.17		
1981	7.25	7.99	5.92	(NA)	6.41	9.70	6.31	10.82	10.04		
1982	7.67	8.50	6.21	(NA)	6.90	10.30	6.78	11.62	10.78		
1983, June [3]	8.00	8.82	6.48	(NA)	7.25	10.83	(NA)	11.86	(NA)		

NA Not available. [1] Mining, construction, and manufacturing. [2] Preliminary. Seasonally adjusted, except weekly earnings data; for payroll period including the 12th of the month. [3] See headnote, table 711.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly.

No. 706. Employees in Nonagricultural Establishments—States: 1972 to 1982

[**In thousands.** For coverage, see headnote, table 705. National totals differ from the sum of the State figures because of differing *benchmarks among States and differing industrial* and geographic stratification. Based on 1972 *Standard Industrial Classification Manual,* see text, p. 402. For composition of divisions, see fig. I, inside front cover]

Division and State	1972, total	1975, total	1980, total	1981, total	1982							
					Total [1]	Wholesale and retail trade	Services	Manufacturing	Government	Finance, insurance, real estate	Transportation, public utilities	Construction
U.S	73,675	76,945	90,406	91,156	89,596	20,401	19,064	18,853	15,803	5,340	5,081	3,911
N. Eng	4,576	4,657	5,481	5,526	5,444	1,171	1,281	1,439	778	350	235	211
Maine	344	357	418	419	411	88	81	107	82	18	18	17
N.H. [2]	279	293	385	395	393	88	79	112	56	21	15	45
Vt	154	162	200	204	202	43	47	49	36	8	9	10
Mass	2,252	2,273	2,652	2,668	2,622	570	683	637	367	168	119	78
R.I	358	349	398	401	391	80	90	117	58	21	13	12
Conn	1,190	1,223	1,427	1,439	1,426	303	301	416	180	113	62	50
Mid. Atl	14,111	13,966	15,021	15,114	14,881	3,122	3,522	3,257	2,496	1,076	866	488
N.Y	7,039	6,830	7,207	7,287	7,234	1,454	1,816	1,362	1,290	671	422	214
N.J. [2]	2,673	2,700	3,060	3,098	3,085	698	662	728	526	167	196	107
Pa	4,400	4,436	4,753	4,729	4,561	970	1,045	1,167	680	239	248	167
E. No. Cent	14,871	15,190	16,728	16,449	15,796	3,588	3,233	4,077	2,611	884	814	508
Ohio	3,938	4,016	4,367	4,318	4,139	937	860	1,104	659	206	208	136
Ind	1,922	1,942	2,130	2,114	2,010	454	354	583	329	102	103	75
Ill	4,315	4,419	4,850	4,732	4,591	1,079	982	1,020	726	327	275	156
Mich	3,115	3,137	3,443	3,304	3,189	689	653	874	579	152	142	90
Wis. [3]	1,581	1,677	1,938	1,920	1,867	430	384	496	319	97	87	52
W. No. Cent	5,570	5,985	6,906	6,866	6,659	1,666	1,397	1,254	1,248	379	414	251
Minn	1,357	1,474	1,771	1,763	1,709	431	381	346	289	98	95	60
Iowa	912	999	1,110	1,089	1,031	264	210	208	202	59	52	35
Mo	1,700	1,741	1,970	1,956	1,916	459	404	407	324	108	132	74
N. Dak	176	204	245	249	251	67	54	15	61	12	17	16
S. Dak	190	209	238	236	230	62	52	25	57	12	13	8
Nebr	517	558	628	623	604	157	123	87	129	41	44	21
Kans	718	801	945	950	919	227	173	166	186	49	62	38
So. Atl	11,456	12,104	14,695	14,898	14,726	3,336	3,132	2,895	3,016	813	829	765
Del	232	230	259	259	259	57	50	68	44	13	12	15
Md	1,415	1,479	1,712	1,716	1,670	406	389	212	393	95	87	87
D.C	572	577	616	611	596	60	192	14	261	33	26	11
Va	1,655	1,779	2,157	2,161	2,130	457	428	398	501	106	117	100
W. Va	541	575	646	629	609	128	103	99	126	22	42	26
N.C	1,912	1,980	2,380	2,392	2,338	477	359	781	399	98	116	104
S.C	920	983	1,189	1,196	1,162	231	338	362	229	50	54	65
Ga	1,695	1,756	2,159	2,199	2,202	520	372	501	435	116	146	103
Fla	2,513	2,746	3,576	3,737	3,762	1,000	901	460	627	281	230	254
E. So. Cent	4,161	4,411	5,143	5,120	4,961	1,057	867	1,255	987	223	260	219
Ky	989	1,058	1,210	1,196	1,164	260	216	247	221	52	66	50
Tenn	1,450	1,506	1,747	1,757	1,688	368	314	468	295	80	83	71
Ala	1,072	1,155	1,356	1,348	1,315	268	216	337	291	59	71	57
Miss	649	692	829	819	793	162	122	204	180	33	40	41
W. So. Cent	6,406	7,236	9,310	9,752	9,839	2,369	1,796	1,645	1,704	537	629	634
Ark	582	624	742	740	719	158	118	196	137	32	43	30
La	1,129	1,250	1,579	1,631	1,614	368	302	206	307	79	130	124
Okla	812	900	1,138	1,202	1,232	295	219	184	238	62	71	57
Tex	3,884	4,463	5,851	6,180	6,274	1,548	1,157	1,060	1,023	364	386	424
Mt	3,029	3,423	4,502	4,614	4,581	1,097	1,028	551	928	255	289	267
Mont	215	238	280	282	272	72	56	20	67	13	22	12
Idaho	237	273	330	328	311	78	59	46	68	23	19	14
Wyo	117	146	210	224	217	49	33	9	44	8	18	18
Colo	869	964	1,251	1,295	1,312	321	278	183	238	83	85	79
N. Mex	328	370	465	476	474	109	95	34	125	22	30	32
Ariz	646	729	1,014	1,041	1,029	254	221	152	201	62	55	64
Utah	393	440	551	558	560	132	109	86	126	27	35	27
Nev	223	263	400	411	406	81	178	19	58	18	25	21
Pac	9,500	10,415	13,079	13,215	12,951	3,040	2,924	2,437	2,400	842	739	504
Wash	1,100	1,226	1,608	1,612	1,569	364	317	290	319	91	90	76
Oreg	774	837	1,045	1,018	961	239	188	186	196	65	57	30
Calif	7,210	7,847	9,852	9,996	9,825	2,275	2,284	1,928	1,733	645	543	366
Alaska [3]	103	162	169	184	194	36	35	11	61	9	18	15
Hawaii	313	343	405	405	401	106	101	23	90	32	32	18

[1] Includes mining, not shown separately. [2] Beginning 1980, data not comparable with prior years.
[3] Adjusted to March 1981 benchmark levels.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly. Compiled from data supplied by cooperating State agencies.

No. 707. Nonagricultural Industries—Number of Employees, 1970 to 1982, and Number and Earnings of Production Workers, 1975 to 1982

[Annual averages of monthly figures. Covers all full- and part-time employees who worked during, or received pay for, any part of the pay period including the 12th of the month. For mining and manufacturing, data refer to production and related workers; for construction, to employees engaged in actual construction work; and for other industries, to nonsupervisory employees and working supervisors. See also headnote, table 705. See *Historical Statistics, Colonial Times to 1970*, series D 127–151, D 802–810, and D 877–892, for related data]

INDUSTRY	ALL EMPLOYEES, NUMBER (1,000)				PRODUCTION WORKERS					
					Number (1,000)			Average hourly earnings (dollars)		
	1970	1975	1980	1982	1975	1980	1982	1975	1980	1982
Total	**70,880**	**76,945**	**90,406**	**89,596**	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Private sector [1]	**58,325**	**62,259**	**74,166**	**73,793**	**50,991**	**60,331**	**59,566**	**4.63**	**6.66**	**7.67**
Mining	**623**	**752**	**1,027**	**1,143**	**571**	**762**	**831**	**5.95**	**9.17**	**10.78**
Metal mining	93	94	98	74	73	74	54	6.13	10.26	12.33
Coal mining	145	213	246	241	182	204	197	[2] 7.22	[2] 10.86	[2] 12.67
Oil and gas extraction	270	329	560	717	223	389	497	5.38	8.59	10.26
Nonmetallic minerals, except fuels	115	117	123	111	92	96	84	4.95	7.52	8.89
Construction	**3,588**	**3,525**	**4,346**	**3,911**	**2,808**	**3,421**	**3,004**	**7.31**	**9.94**	**11.62**
General building contractors	1,066	1,012	1,173	993	799	900	736	6.78	9.22	10.51
Heavy construction contractors	784	760	927	830	615	746	658	6.81	9.20	11.50
Special trade contractors	1,738	1,753	2,246	2,089	1,394	1,776	1,610	7.87	10.65	12.18
Manufacturing	**19,367**	**18,323**	**20,285**	**18,853**	**13,043**	**14,214**	**12,790**	**4.83**	**7.27**	**8.50**
Durable goods	**11,208**	**10,688**	**12,187**	**11,100**	**7,557**	**8,442**	**7,350**	**5.15**	**7.75**	**9.06**
Lumber and wood products, except furniture [3]	646	615	691	603	517	578	494	4.26	6.55	7.46
Logging camps and logging contractors	70	74	88	76	59	71	58	5.28	8.64	9.96
Sawmills and planing mills	215	202	215	179	180	190	157	4.34	6.70	7.72
Millwork, plywood, and structural members	(NA)	166	200	177	137	164	143	4.26	6.41	7.34
Wooden containers	(NA)	39	43	38	34	37	32	3.37	4.95	5.52
Furniture and fixtures [3]	440	417	466	433	337	376	343	3.78	5.49	6.31
Household furniture	(NA)	284	301	270	238	253	222	3.54	5.12	5.82
Office furniture	39	37	50	54	28	40	42	4.16	5.91	6.80
Partitions and fixtures	52	51	63	58	38	47	42	4.62	6.68	7.66
Stone, clay, and glass products [3]	644	629	662	578	499	513	437	4.92	7.50	8.86
Flat glass	24	18	18	16	14	14	13	6.08	9.65	11.63
Glass and glassware, pressed [4]	132	127	124	110	108	105	92	4.99	7.97	9.43
Cement, hydraulic	33	31	31	27	24	25	21	6.36	10.55	12.42
Structural clay products	58	48	46	34	39	34	25	4.01	6.14	7.18
Pottery and related products	44	43	46	39	36	38	31	4.13	6.26	7.38
Concrete, gypsum, and plaster products	189	190	204	181	148	157	136	4.99	7.45	8.66
Primary metal industries [3]	1,260	1,139	1,142	922	887	878	684	6.18	9.77	11.33
Blast furnace and basic steel products	627	548	512	394	428	396	293	6.94	11.39	13.36
Iron and steel foundries	229	230	209	159	190	167	122	5.45	8.20	9.49
Primary nonferrous metals	72	66	71	55	51	53	40	6.24	10.63	12.94
Nonferrous rolling and drawing	213	181	211	189	129	151	133	5.54	8.81	10.17
Nonferrous foundries	83	76	90	81	62	72	64	4.93	7.30	8.49
Fabricated metal products [3]	1,560	1,458	1,613	1,435	1,090	1,195	1,034	6.05	7.45	8.78
Metal cans and shipping containers	91	79	75	64	67	63	54	6.26	9.84	11.70
Cutlery, hand tools, and hardware	150	153	164	141	116	125	103	4.76	7.02	8.30
Plumbing and heating, exc. electric	(NA)	61	70	61	43	50	42	4.50	6.62	7.86
Fabricated structural metal products	428	455	513	456	322	355	305	4.99	7.26	8.62
Screw machine products, bolts, etc	104	93	109	91	72	84	68	4.80	6.96	8.12
Metal forgings and stampings	(NA)	249	264	231	198	207	180	5.65	8.56	9.91
Machinery, except electrical [3]	1,984	2,057	2,494	2,267	1,339	1,602	1,366	5.37	8.00	9.29
Engines and turbines	111	120	135	113	76	87	69	6.03	9.73	11.39
Farm and garden machinery	(NA)	161	169	136	114	116	87	5.92	8.78	10.26
Construction and related machinery	275	342	389	340	230	255	209	5.62	8.60	10.10
Metalworking machinery	318	307	373	315	222	273	220	5.49	8.18	9.55
Special industry machinery	197	184	207	176	117	133	107	5.03	7.51	8.95
General industrial machinery	286	290	324	288	192	212	180	5.40	7.98	9.23
Office and computing machines	288	286	432	475	122	186	189	4.82	6.74	7.93
Refrigeration and service industry	149	144	174	159	97	120	108	4.91	7.23	8.62
Electric and electronic equipment [3]	1,871	1,702	2,091	2,016	1,091	1,328	1,217	4.64	6.94	8.21
Electric distributing equipment	143	114	123	113	79	86	79	4.84	6.96	8.07
Electrical industrial apparatus	217	212	240	206	148	169	143	4.69	7.12	8.31
Household appliances	184	161	163	141	124	129	108	4.60	6.95	8.02
Electric lighting and wiring equipment	197	181	209	187	136	156	136	4.35	6.42	7.71
Radio and TV receiving equipment	132	112	109	92	80	79	63	4.20	6.42	7.70
Communication equipment	524	457	541	572	221	267	267	5.25	7.93	9.62
Electronic components and access	367	338	554	561	207	334	320	3.01	6.05	7.17
Transportation equipment [3]	1,853	1,715	1,900	1,744	1,154	1,233	1,085	6.07	9.35	11.12
Motor vehicles and equipment	799	792	789	705	602	575	516	6.44	9.85	11.62
Aircraft and parts	664	514	652	601	271	355	305	6.00	9.28	11.23
Ship and boat building and repairs	172	194	221	213	160	176	162	5.23	8.22	9.75
Railroad equipment	51	57	71	37	44	53	23	6.02	9.93	11.36

See footnotes at end of table.

NO. 707. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, 1970 TO 1982, AND NUMBER AND EARNINGS OF PRODUCTION WORKERS, 1975 TO 1982—Continued

[See headnote, p. 427]

INDUSTRY	ALL EMPLOYEES, NUMBER (1,000)				PRODUCTION WORKERS					
					Number (1,000)			Average hourly earnings (dollars)		
	1970	1975	1980	1982	1975	1980	1982	1975	1980	1982
Instruments and related products	527	550	711	716	332	426	410	4.53	6.80	8.10
Engineering and scientific instruments	71	62	77	82	31	37	38	4.82	7.12	8.44
Measuring and controlling devices	171	170	245	246	103	154	149	4.43	6.85	8.03
Optical instruments and lenses	} 58	58	{ 33	34	} 39	{ 18	18	} 3.75	{ *7.32*	*8.53*
Ophthalmic goods			{ 44	38		{ 31	26		{ 5.30	6.04
Medical instruments and supplies	83	109	156	159	74	101	98	4.02	5.80	7.00
Photographic equipment and supplies	113	121	135	140	61	67	68	5.70	8.83	10.57
Watches, clocks, and watchcases	31	30	22	18	24	17	13	3.69	5.24	6.12
Misc. manufacturing industries[3]	426	407	418	386	311	313	279	3.81	5.46	6.43
Jewelry, silverware, plated ware	51	52	56	56	38	40	40	4.00	5.76	6.85
Toys and sporting goods	118	116	117	111	90	88	81	3.48	5.01	5.98
Pens, pencils, office/art supplies	34	33	37	32	23	27	22	3.80	5.58	6.68
Costume jewelry and notions	61	57	51	39	46	41	30	3.29	4.71	5.47
Nondurable goods	**8,158**	**7,635**	**8,098**	**7,753**	**5,485**	**5,772**	**5,440**	**4.37**	**6.55**	**7.73**
Food and kindred products[3]	1,786	1,658	1,708	1,638	1,120	1,175	1,127	4.61	6.85	7.89
Meat products	343	336	358	347	274	298	289	4.80	6.99	7.60
Dairy products	241	194	175	167	99	96	93	4.60	6.86	8.10
Preserved fruits and vegetables	(NA)	242	256	241	200	210	199	4.00	5.94	7.00
Grain mill products	135	138	144	134	95	99	91	4.95	7.67	8.99
Bakery products	274	232	225	219	132	131	128	4.67	7.21	8.40
Sugar and confectionery products	120	107	106	101	82	79	78	4.45	6.57	7.67
Fats and oils	(NA)	41	44	39	29	32	30	4.82	7.03	8.24
Beverages	236	221	234	230	106	105	99	5.44	8.12	9.81
Tobacco manufactures	83	76	69	68	62	54	53	4.55	7.74	9.78
Cigarettes	44	44	46	47	36	35	36	5.55	9.23	11.71
Textile mill products[3]	975	868	848	750	752	737	643	3.42	5.07	5.83
Weaving mills, cotton	206	158	150	129	143	135	113	3.42	5.25	6.02
Weaving mills, synthetic	100	113	116	96	100	104	85	3.48	5.30	6.16
Weaving and finishing mills, wool	37	20	19	17	16	16	14	3.51	5.21	6.13
Narrow fabric mills	30	23	23	23	20	20	20	3.24	4.63	5.48
Knitting mills	250	225	220	204	193	191	175	3.29	4.76	5.41
Textile finishing, except wool	84	81	74	66	69	62	54	3.71	5.39	6.23
Floor covering mills	57	55	54	47	45	44	37	3.47	5.20	5.99
Yarn and thread mills	131	125	125	111	114	113	98	3.18	4.76	5.49
Apparel and other textile products[3]	1,364	1,243	1,264	1,164	1,067	1,079	984	3.17	4.56	5.20
Men's and boys' suits and coats	119	88	77	75	76	67	65	3.84	5.34	6.01
Men's and boys' furnishings	*375*	*358*	*362*	*324*	*306*	*310*	*275*	*2.86*	*4.23*	*4.78*
Women's and misses outerwear	424	404	417	387	352	360	330	3.23	4.61	5.13
Undergarments[5]	117	94	90	84	81	76	71	2.90	4.15	4.71
Children's outerwear	74	66	64	62	57	55	53	2.94	4.20	4.74
Misc. apparel, accessories	(NA)	56	56	50	50	48	41	3.09	4.48	5.19
Paper and allied products	706	642	693	662	480	523	493	5.01	7.84	9.32
Paper and pulp mills	219	197	203	197	150	152	148	5.54	9.15	10.87
Paperboard mills	71	61	65	61	48	51	47	5.74	9.28	11.11
Misc. converted paper products	190	191	220	215	134	163	156	4.57	6.89	8.20
Paperboard containers and boxes	225	194	205	189	148	157	143	4.59	6.94	8.17
Printing and publishing[3]	1,104	1,083	1,252	1,269	624	699	698	5.38	7.53	8.75
Newspapers	*373*	*377*	*420*	*418*	*168*	*164*	*158*	*5.81*	*7.72*	*8.88*
Periodicals	75	68	90	98	12	16	21	5.13	7.16	8.86
Books	101	98	101	102	48	52	51	4.64	6.76	8.07
Commercial printing	354	348	414	425	262	307	311	5.46	7.85	9.04
Blankbooks and bookbinding	58	55	62	61	45	51	49	4.10	5.78	6.76
Chemicals and allied products[3]	1,049	1,015	1,107	1,079	580	626	601	5.39	8.30	9.96
Industrial inorganic chemicals	(NA)	149	161	160	90	87	85	5.73	9.07	11.02
Plastics materials and synthetics	233	218	205	186	136	137	120	5.28	8.21	9.01
Drugs	149	167	196	199	84	97	99	5.18	7.69	9.08
Soap, cleaners, and toilet goods	127	122	141	146	73	86	92	5.15	7.67	9.13
Paints and allied products	70	62	65	61	38	33	29	5.01	7.39	8.80
Agricultural chemicals	(NA)	*65*	*72*	*65*	*42*	*45*	*40*	*4.93*	*8.12*	*9.71*
Petroleum and coal products[3]	191	194	198	201	123	125	120	6.48	10.10	12.46
Petroleum refining	154	153	155	164	93	93	95	6.93	10.94	13.30
Paving and roofing materials	(NA)	30	31	25	23	24	19	5.24	7.69	9.34
Rubber and misc. plastics products	580	608	727	701	465	559	537	4.39	6.52	7.65
Tires and inner tubes	116	124	115	105	90	81	74	5.63	9.74	11.05
Leather and leather products[3]	320	248	233	221	213	197	185	3.21	4.58	5.32
Leather tanning and finishing	27	22	19	19	19	16	16	4.28	6.10	7.12
Footwear except rubber	213	158	144	137	136	123	117	3.08	4.42	5.12
Handbags, personal leather goods	34	31	30	28	26	25	23	3.11	4.33	4.92

See footnotes at end of table.

No. 707. Nonagricultural Industries—Number of Employees, 1970 to 1982, and Number and Earnings of Production Workers, 1975 to 1982—Continued

[See headnote, p. 427]

Industry	All employees, number (1,000)				Production workers					
					Number (1,000)			Average hourly earnings (dollars)		
	1970	1975	1980	1982	1975	1980	1982	1975	1980	1982
Transp. and public utilities [3]	**4,515**	**4,542**	**5,146**	**5,081**	**3,894**	**4,293**	**4,194**	**5.88**	**8.87**	**10.30**
Railroad transportation	634	548	532	430	(6)	(6)	(6)	(6)	(6)	(6)
Class I railroads [7]	566	498	482	398	(NA)	(NA)	(NA)	[8] 6.05	[8] 9.92	[8] 11.50
Local and interurban passenger transit	281	270	265	265	253	244	246	4.15	6.34	7.26
Trucking and warehousing	1,083	1,108	1,280	1,212	978	1,121	1,051	6.00	9.13	10.24
Air transportation	352	363	453	445	(6)	(6)	(6)	(6)	(6)	(6)
Pipelines, except natural gas	18	18	21	22	13	15	15	6.89	10.50	12.60
Transportation services	115	134	198	217	(6)	(6)	(6)	(6)	(6)	(6)
Communication [3]	1,129	1,176	1,357	1,414	911	1,014	1,073	5.54	8.50	10.19
Telephone communication	942	967	1,072	1,068	740	779	787	5.61	8.72	10.65
Radio and television broadcasting	138	155	200	219	124	160	179	5.10	7.44	8.66
Electric, gas, and sanitary services [3]	691	731	827	874	613	677	708	6.03	8.90	10.77
Electric services	290	323	391	422	267	316	337	6.06	9.12	10.88
Gas production and distribution	*161*	*162*	*168*	*178*	*135*	*138*	*143*	*5.50*	*8.27*	*9.74*
Combination utility services	186	187	197	199	160	162	163	6.74	9.64	12.30
Sanitary services	(NA)	38	49	51	34	43	45	4.84	7.04	8.59
Wholesale and retail trade	**15,040**	**17,060**	**20,310**	**20,401**	**15,023**	**17,812**	**17,827**	**3.73**	**5.48**	**6.21**
Wholesale trade	3,993	4,415	5,275	5,280	3,637	4,312	4,268	4.73	6.96	8.02
Retail trade [3]	11,047	12,645	15,035	15,122	11,387	13,500	13,559	3.36	4.88	5.47
General merchandise stores	(NA)	2,113	2,245	2,198	1,944	2,090	2,038	3.21	4.77	5.39
Food stores	1,731	2,007	2,384	2,458	1,854	2,202	2,277	4.08	6.24	7.21
Apparel and accessory stores	761	806	957	942	705	820	802	3.03	4.30	4.85
Furniture and home furn. stores	472	517	606	577	436	502	476	3.99	5.53	6.22
Eating and drinking places	2,575	3,380	4,626	4,820	3,147	4,256	4,434	2.55	3.69	4.09
Finance, insurance, real estate	**3,645**	**4,165**	**5,160**	**5,340**	**3,173**	**3,907**	**3,994**	**4.06**	**5.79**	**6.78**
Banking	1,044	1,274	1,571	1,654	1,009	1,210	1,240	3.52	4.94	5.83
Credit agencies other than banks	360	432	570	580	329	431	438	3.71	5.12	6.00
Security, commod. brokers, services	205	170	227	273	(6)	(6)	(6)	(6)	(6)	(6)
Insurance carriers	1,030	1,085	1,224	1,237	751	854	845	4.35	6.29	7.62
Insurance agents, brokers, services	288	339	452	474	(6)	(6)	(6)	(6)	(6)	(6)
Real estate	661	748	981	969	(6)	(6)	(6)	(6)	(6)	(6)
Other finance, insurance, real estate	57	117	135	153	(6)	(6)	(6)	(6)	(6)	(6)
Services [3]	**11,548**	**13,892**	**17,890**	**19,064**	**12,479**	**15,921**	**16,926**	**4.02**	**5.85**	**6.90**
Hotels and other lodging places	(NA)	898	1,076	1,123	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Personal services	989	861	901	937	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Business services	1,676	2,042	3,092	3,310	1,778	2,698	2,886	4.16	6.02	6.97
Motion pictures	204	206	217	210	181	191	179	4.26	7.88	9.15
Health services	3,053	4,134	5,278	5,801	3,725	4,712	5,193	3.81	5.68	6.95
Government	**12,554**	**14,686**	**16,241**	**15,803**	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Federal government	2,731	2,748	2,866	2,739	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
State and local government	9,823	11,937	13,375	13,064	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Excludes government. [2] 11-month average. [3] Includes industries not shown separately.
[4] Includes blown. [5] Women's and children's. [6] Included in "Private sector" total; not available separately.
[7] For changes in "Class I" classification, see text, p. 604. [8] Includes all employees except executives, officials, and staff assistants who received pay during the month.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 708. INDEXES OF OUTPUT PER HOUR—SELECTED INDUSTRIES: 1965 TO 1982

[1977=100. See text, p. 402. See also *Historical Statistics, Colonial Times to 1970*, series W 14, 17, and 19, W 30-54, and W 62-65]

INDUSTRY	ALL EMPLOYEES						PRODUCTION WORKERS					
	1965	1970	1975	1980	1981	1982, prel	1965	1970	1975	1980	1981	1982, prel.
Manufacturing:												
Aluminum rolling and drawing	60.0	66.0	87.5	101.9	99.4	99.3	60.0	68.6	92.5	105.6	103.3	104.3
Bakery products	77.5	87.5	93.4	92.3	94.3	91.7	75.1	83.0	94.5	90.7	92.7	90.1
Ball and roller bearings	90.0	85.5	97.5	94.7	93.4	84.4	86.3	86.3	97.9	92.6	92.3	87.9
Bottled and canned soft drinks	67.8	70.0	87.2	109.8	114.3	117.8	60.9	65.5	86.1	116.4	125.1	130.6
Concrete products	71.3	82.3	91.9	93.2	92.5	(NA)	*69.6*	*79.6*	*92.4*	*96.5*	*95.5*	(NA)
Construction machinery, equipment	80.0	83.4	93.9	97.4	92.1	(NA)	75.4	82.0	92.3	102.1	96.5	(NA)
Corrugated, solid fiber boxes	60.7	73.1	96.2	111.3	110.2	114.7	58.2	70.8	98.3	113.4	111.6	116.8
Cosmetics	65.7	65.9	94.0	82.5	(NA)	(NA)	66.6	68.9	95.6	80.2	(NA)	(NA)
Electric lamps	88.7	88.3	96.4	104.7	108.8	111.5	88.0	87.3	96.9	104.2	109.1	111.5
Fabricated structural metal	97.1	102.2	97.4	101.9	98.3	(NA)	94.9	102.2	96.9	99.7	95.6	(NA)
Farm and garden machinery	72.2	75.7	97.7	96.3	98.6	(NA)	68.6	75.2	95.3	99.5	103.9	(NA)
Fluid milk	59.3	73.7	95.5	124.8	129.3	131.3	(X)	(X)	(X)	(X)	(X)	(X)
Folding paperboard boxes	73.5	77.4	98.5	97.1	98.6	102.6	72.9	77.1	100.6	97.5	98.4	103.3
Footwear	97.9	100.3	101.3	99.1	97.0	91.1	95.5	99.3	101.6	100.2	97.5	92.8
Glass containers	80.3	87.2	98.5	112.0	118.7	127.9	79.2	86.4	98.5	112.8	119.7	128.9
Grain mill products	*66.0*	*79.7*	*87.1*	*107.5*	*112.9*	(NA)	*66.0*	*78.9*	*86.2*	*107.6*	*113.2*	(NA)
Gray iron foundries	78.8	79.8	97.0	90.8	92.5	88.6	76.2	78.8	96.9	94.8	95.7	95.4
Hand and edge tools	91.2	91.0	93.9	99.0	95.8	(NA)	91.1	90.8	94.5	102.8	98.1	(NA)
Hosiery	41.4	65.5	94.3	105.3	118.6	115.0	40.6	65.8	96.4	108.1	122.1	119.2
Household furniture	77.2	82.2	97.5	99.7	102.6	110.2	75.6	82.2	98.4	101.6	104.3	114.5
Lighting fixtures	72.3	78.1	89.2	93.9	89.4	(NA)	67.5	77.3	90.1	95.7	91.4	(NA)
Machine tools	101.4	91.7	103.0	98.7	96.5	87.5	91.7	89.8	101.7	96.4	95.9	94.9
Major household appliances	62.2	70.2	93.6	105.9	108.1	106.3	61.9	70.5	96.0	107.0	108.2	110.6
Malt beverages	42.3	56.7	86.1	112.1	113.0	112.7	44.5	59.9	88.0	112.1	116.0	116.2
Metal cans	70.3	78.8	87.0	102.6	108.1	121.6	69.5	77.5	87.9	104.0	110.5	125.0
Millwork	85.8	95.9	100.2	92.7	96.9	(NA)	86.1	97.6	102.6	96.2	100.2	(NA)
Motor vehicles and equipment	68.6	70.5	87.7	92.2	95.0	100.4	67.7	72.5	89.8	99.4	100.1	107.4
Motors and generators	88.3	87.8	93.0	94.9	97.7	(NA)	88.6	89.5	96.3	98.3	99.6	(NA)
Nonwool yarn mills	84.6	84.3	101.2	99.8	103.2	(NA)	83.2	83.6	102.0	100.5	104.1	(NA)
Office furniture	84.2	78.2	85.5	112.5	109.1	(NA)	81.1	79.4	87.4	118.3	112.7	(NA)
Paints and allied products	73.3	74.9	94.2	101.8	102.5	98.7	72.0	73.5	99.0	106.1	106.2	105.3
Paper and plastic bags	72.7	75.8	99.8	94.0	91.7	(NA)	72.6	74.4	100.4	94.5	92.2	(NA)
Paper, paperboard, pulp mills	65.4	77.5	86.7	105.2	105.2	106.6	63.7	75.8	87.7	106.4	106.3	108.6
Petroleum refining	63.6	73.8	88.7	94.2	83.7	82.5	62.5	74.1	89.7	100.3	85.7	88.0
Pharmaceuticals	58.5	74.8	92.5	107.3	105.8	(NA)	53.8	70.0	94.1	106.1	106.5	(NA)
Preserved fruits and vegetables	70.3	79.7	93.7	101.2	99.6	(NA)	69.0	78.6	92.5	102.4	100.2	(NA)
Primary aluminum	85.4	92.5	96.2	100.0	103.8	97.1	84.1	92.2	100.1	102.3	107.6	105.7
Pumps and compressors	81.0	85.8	91.4	99.6	102.7	(NA)	77.2	85.8	92.2	100.9	106.5	(NA)
Radio and TV receiving sets	63.5	70.6	90.1	116.4	126.9	(NA)	58.1	71.2	91.6	121.7	133.1	(NA)
Ready-mixed concrete	90.3	91.1	97.5	93.1	95.4	(NA)	(X)	(X)	(X)	(X)	(X)	(X)
Sawmills and planing mills, general	81.8	90.0	98.8	101.8	104.5	109.1	80.9	90.1	98.9	105.1	107.6	113.7
Soaps and detergents	69.9	83.9	97.3	108.4	105.9	(NA)	64.5	81.9	95.0	106.5	102.4	(NA)
Steel	87.5	87.6	93.3	102.9	112.0	90.2	82.6	86.0	93.5	104.3	112.9	96.4
Steel foundries	94.1	90.6	107.5	99.1	90.8	71.3	88.8	88.4	105.0	99.0	92.1	77.1
Structural clay products	67.5	78.2	91.0	97.8	100.9	93.7	64.9	79.7	92.0	101.2	103.1	99.4
Sugar	74.4	85.9	94.0	109.1	111.2	110.4	69.5	80.1	93.8	108.5	110.1	106.8
Synthetic fibers	41.8	53.8	84.5	115.7	120.9	105.4	41.6	53.9	86.9	117.4	122.7	111.4
Tires and inner tubes	81.3	87.6	91.8	105.6	123.2	122.0	80.8	90.1	95.5	110.0	122.8	120.2
Tobacco products	83.4	86.8	93.9	102.2	100.6	100.3	79.2	83.1	93.2	105.2	103.9	103.6
Transformers	79.9	89.1	89.3	110.8	107.0	(NA)	77.0	84.9	92.0	111.5	106.1	(NA)
Veneer and plywood	84.0	83.2	97.8	102.7	107.8	(NA)	82.1	83.0	99.9	105.8	109.1	(NA)
Mining:												
Coal	128.3	141.1	105.3	112.5	122.2	115.9	125.0	137.5	104.7	115.3	125.6	120.7
Copper (recoverable metal)	83.3	85.5	77.2	91.3	97.2	111.1	76.8	80.7	76.5	90.8	96.3	118.2
Iron (usable ore)	95.3	111.1	117.8	127.5	136.8	119.3	83.1	100.3	107.1	122.2	130.0	123.1
Nonmetallic minerals	75.2	89.7	90.6	96.2	96.0	88.8	72.0	86.8	91.6	97.7	99.4	93.3
Transportation, utilities, and trade:												
Air transportation [1]	54.4	71.4	87.6	106.2	104.9	114.4	(X)	(X)	(X)	(X)	(X)	(X)
Bus carriers [2]	116.3	107.3	97.0	104.8	(NA)	(NA)	(X)	(X)	(X)	(X)	(X)	(X)
Commercial banking	(NA)	85.5	90.0	92.7	90.6	(NA)	(X)	(X)	(X)	(X)	(X)	(X)
Drug and proprietary stores [3]	59.9	83.4	94.2	105.6	104.7	103.3	(X)	(X)	(X)	(X)	(X)	(X)
Eating and drinking places [3]	*93.7*	*101.0*	*101.0*	*99.5*	*97.2*	*98.9*	(X)	(X)	(X)	(X)	(X)	(X)
Franchised new car dealers	79.2	86.1	95.0	99.5	96.6	97.0	(X)	(X)	(X)	(X)	(X)	(X)
Gas and electric utilities [4]	64.3	84.6	95.7	96.2	94.4	90.0	60.8	81.1	94.3	97.3	95.5	91.9
Gasoline service stations [3]	59.2	75.3	85.6	108.3	111.7	119.7	(X)	(X)	(X)	(X)	(X)	(X)
Hotels, motels, tourist courts [3]	77.1	85.1	89.7	98.6	96.7	90.1	(X)	(X)	(X)	(X)	(X)	(X)
Intercity trucking [1]	77.2	83.5	89.2	94.3	98.7	(NA)	(X)	(X)	(X)	(X)	(X)	(X)
Laundry and cleaning services [3]	83.7	95.5	96.9	87.7	85.0	87.1	(X)	(X)	(X)	(X)	(X)	(X)
Petroleum pipelines	51.6	79.5	95.7	93.0	85.3	(NA)	45.3	73.6	92.6	95.8	89.7	(NA)
RR transport (revenue traffic) [5]	65.1	77.7	89.5	107.3	111.7	115.9	64.3	76.9	89.9	108.4	113.5	119.4
Retail food stores [3]	91.9	109.8	100.7	101.3	100.7	101.6	(X)	(X)	(X)	(X)	(X)	(X)
Telephone communications	50.6	62.1	85.9	118.1	124.4	130.1	(X)	(X)	(X)	(X)	(X)	(X)

NA Not available. X Not applicable. [1] Refers to output per employee. [2] Class 1 interstate carriers regulated by the ICC. [3] Data relate to all persons (paid employees, unpaid family workers, and the self-employed). [4] Production workers refers to nonsupervisory workers. [5] Class I line-haul railroads and switching and terminal companies.

Source: U.S. Bureau of Labor Statistics, News Release USDL-83-314, "Productivity Declines in 1982 Reported for Most Industries Measured."

NO. 709. INDEXES OF PRODUCTIVITY AND RELATED MEASURES: 1960 TO 1982

[See text, p. 402. Minus sign (−) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series D 689-704 and W 22-25]

ITEM	1960	1965	1970	1975	1976	1978	1979	1980	1981	1982
INDEXES (1977 = 100)										
Output,[1] business sector	53.5	67.8	78.4	88.2	93.8	105.5	107.8	106.5	109.8	106.7
Nonfarm business	52.5	67.2	78.0	87.8	93.7	105.7	108.0	106.5	109.3	106.3
Manufacturing	50.7	69.8	77.0	85.4	93.6	105.3	108.2	103.5	106.5	99.1
Hours,[2] business sector	82.0	86.6	91.0	93.3	96.0	104.9	108.5	107.6	108.4	105.4
Nonfarm business	77.0	83.5	89.8	92.7	95.8	105.0	109.0	108.2	109.0	106.0
Manufacturing	84.4	93.6	97.3	91.4	95.9	104.5	106.6	101.8	101.2	93.0
Output per paid hour, business sector	65.2	78.3	86.2	94.5	97.6	100.6	99.4	98.9	101.3	101.2
Nonfarm business	68.3	80.5	86.8	94.7	97.8	100.6	99.1	98.4	100.3	100.2
Manufacturing	60.0	74.5	79.1	93.4	97.5	100.8	101.5	101.7	105.3	106.5
Compensation per hour,[3] business sector	33.9	41.7	58.2	85.5	92.9	108.6	118.7	131.2	143.9	155.1
Nonfarm business	35.7	42.8	58.7	86.0	93.0	108.6	118.4	130.7	143.5	154.7
Manufacturing	36.7	42.8	57.6	85.4	92.3	108.3	118.8	132.7	145.8	158.2
Unit labor cost,[4] business sector	52.1	53.3	67.5	90.5	95.1	108.0	119.5	132.7	142.1	153.3
Nonfarm business	52.3	53.2	67.6	90.8	95.1	108.0	119.5	132.8	143.0	154.4
Manufacturing	61.1	57.5	72.7	91.5	94.6	107.4	117.0	130.5	138.5	148.5
ANNUAL PERCENT CHANGE[5]										
Output,[1] business sector	1.6	6.8	−.8	−2.0	6.4	5.5	2.3	−1.3	3.1	−2.8
Nonfarm business	1.5	6.9	−1.0	−2.2	6.7	5.7	2.2	−1.4	2.7	−2.8
Hours,[2] business sector	.2	3.2	−1.6	−4.1	3.0	4.9	3.5	−.8	.7	−2.7
Nonfarm business	.6	3.7	−1.3	−4.1	3.4	5.0	3.7	−.7	.7	−2.7
Output per paid hour, business sector	1.5	3.5	.8	2.2	3.3	.6	−1.2	−.5	2.4	−.1
Nonfarm business	.8	3.1	.3	2.0	3.0	.6	−1.5	−.7	1.9	−.1
Compensation per hour,[3] business sector	4.2	3.9	7.3	9.6	8.6	8.6	9.4	10.5	9.7	7.7
Nonfarm business	4.3	3.4	7.0	9.6	8.1	8.6	9.0	10.4	9.8	7.8
Unit labor cost,[4] business sector	2.7	.3	6.4	7.3	5.1	8.0	10.7	11.1	7.1	7.9
Nonfarm business	3.5	.3	6.6	7.4	4.8	8.0	10.7	11.1	7.7	7.9

[1] Refers to gross domestic product originating in the sector, in 1972 prices. [2] Hours of all persons engaged in the business and nonfarm business sectors (employees, proprietors, and unpaid family workers); employees' and proprietors' hours in manufacturing. [3] Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of same for self-employed. [4] Hourly compensation divided by output per paid hour. [5] All changes are from the immediately prior year.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, and unpublished data.

NO. 710. AVERAGE ANNUAL TOTAL COMPENSATION AND WAGES AND SALARIES PER FULL-TIME EQUIVALENT EMPLOYEE, BY INDUSTRY: 1970 TO 1982

[**In dollars, except percent.** Wage and salary payments include executives' compensation, bonuses, tips, and payments in kind; total compensation includes, in addition to wages and salaries, employer contributions for social insurance, employer contributions to private pension and welfare funds, directors' fees, jury and witness fees, etc. See *Historical Statistics, Colonial Times to 1970* series D 739-764 and D 893-904, for related but not comparable data]

INDUSTRY	ANNUAL TOTAL COMPENSATION				ANNUAL WAGES AND SALARIES			
	1970	1975	1980	1982	1970	1975	1980	1982
All domestic industries	**8,644**	**12,516**	**18,608**	**22,018**	**7,750**	**10,836**	**15,781**	**18,506**
Average annual percent change[1]	6.3	7.7	8.3	8.8	5.9	6.9	7.8	8.3
Agriculture, forestry, fisheries	4,530	6,232	10,242	12,511	4,218	5,629	9,040	10,998
Mining	10,891	17,495	27,788	34,066	9,445	14,765	23,440	28,518
Construction	10,778	15,130	21,283	25,187	9,810	13,448	18,573	21,835
Manufacturing	9,585	14,234	22,055	26,022	8,380	11,903	17,966	21,075
Transportation	*10,600*	*16,060*	*24,744*	*28,520*	*9,403*	*13,534*	*20,677*	*23,434*
Communication	10,854	17,698	27,607	34,374	8,751	13,726	21,388	26,005
Electric, gas, sanitary services	11,709	17,548	27,182	33,615	10,022	14,314	21,917	26,596
Wholesale trade	10,073	14,427	21,484	25,042	9,193	12,928	18,822	21,719
Retail trade	6,464	8,875	12,459	14,255	5,914	7,921	10,953	12,351
Finance, insurance, real estate	8,860	12,504	18,831	22,775	7,821	10,618	15,864	18,921
Services	6,900	10,108	15,246	18,511	6,394	9,066	13,470	16,206
Government and government enterprises	8,813	13,071	18,762	22,464	8,011	11,451	15,939	18,908

[1] Represents average for period of intervals shown; for 1970, change from 1965. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July 1982 and July 1983.

No. 711. Hourly and Weekly Earnings, by Industry Group: 1970 to 1983

[For private industry only; weekly earnings includes overtime. Data are for production and related workers in mining and manufacturing, construction, and nonsupervisory employees in other industries. Excludes agriculture. See headnote, table 705. See also *Historical Statistics, Colonial Times to 1970*, series D 877-892]

Industry group	Current dollars						Constant (1977) dollars					
	1970	1975	1980	1981	1982	1983,[1] June	1970	1975	1980	1981	1982	1983,[1] June
Gross hourly earnings	3.23	4.53	6.66	7.25	7.67	7.97	5.04	5.10	4.89	4.83	4.82	4.87
Manufacturing	3.35	4.83	7.27	7.99	8.50	8.81	5.23	5.44	5.34	5.33	5.35	5.38
Mining	3.85	5.95	9.17	10.04	10.78	11.28	6.01	6.70	6.74	6.69	6.78	6.89
Construction	5.24	7.31	9.94	10.82	11.62	11.75	8.17	8.23	7.30	7.21	7.31	7.17
Transportation, public utilities	3.85	5.88	8.87	9.70	10.30	10.73	6.01	6.62	6.52	6.47	6.48	6.55
Wholesale trade	3.44	4.73	6.96	7.56	8.02	8.35	5.37	5.33	5.11	5.04	5.04	5.10
Retail trade	2.44	3.36	4.88	5.25	5.47	5.71	3.81	3.78	3.59	3.50	3.44	3.49
Finance, insurance, real estate	3.07	4.06	5.79	6.31	6.78	7.25	4.79	4.57	4.25	4.21	4.26	4.43
Services	2.81	4.02	5.85	6.41	6.90	7.19	4.38	4.53	4.30	4.27	4.34	4.39
Gross weekly earnings	120	164	235	255	267	281	187	185	173	170	168	172
Manufacturing	134	191	289	318	331	356	209	215	212	212	208	217
Mining	164	249	397	439	459	479	256	280	292	293	289	293
Construction	195	266	368	399	426	445	304	300	270	266	268	272
Transportation, public utilities	156	233	351	382	402	420	243	262	258	255	253	256
Wholesale trade	137	183	267	291	308	323	214	206	197	194	194	197
Retail trade	82	109	147	158	164	172	128	123	108	105	103	105
Finance, insurance, real estate	113	148	210	229	245	262	176	167	154	153	154	160
Services	97	135	191	209	225	237	151	152	140	139	141	145

[1] Preliminary, not seasonally adjusted data.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 712. Annual Percent Changes in Earnings and Compensation: 1972 to 1982

Item	1972-1973	1973-1974	1974-1975	1975-1976	1976-1977	1977-1978	1978-1979	1979-1980	1980-1981	1981-1982
Current dollars:										
Hourly earnings, total [1]	6.5	7.6	6.8	7.3	8.0	8.4	8.3	8.1	8.9	5.8
Hourly earnings, manufacturing	7.1	8.1	9.3	8.1	8.8	8.6	8.6	8.5	9.9	6.4
Compensation per employee-hour [1]	7.6	9.3	9.6	8.0	7.5	8.5	9.0	10.3	9.7	7.0
Constant (1977) dollars:										
Hourly earnings, total [1]	.4	−3.2	−2.1	1.6	1.4	.8	−2.8	−4.9	−1.2	−.2
Hourly earnings, manufacturing	.7	−2.7	.2	2.2	2.2	.9	−2.4	−4.5	−.2	.4
Compensation per employee-hour [1]	1.3	−1.5	.5	2.2	1.0	.8	−2.1	−2.8	−.6	1.6
Consumer Price Index [2]	6.2	11.0	9.1	5.8	6.5	7.6	11.5	13.5	10.2	6.0

[1] Nonfarm business sector. [2] See text, p. 483 and table 809.

Source: U.S. Bureau of Labor Statistics, unpublished data.

No. 713. Gross Weekly Earnings in Current and Constant (1977) Dollars, Private Nonagricultural and Manufacturing Industries: 1960 to 1983

[**In dollars.** Includes overtime. Based on reports from employing establishments and relate to full- and part-time wage and salary workers in nonagricultural establishments who worked during, or received pay for, any part of the pay period which includes the 12th of the month. See headnote, table 711. See *Historical Statistics, Colonial Times to 1970*, series D 804, for average weekly earnings in manufacturing]

Year	Private nonagricultural		Manufacturing		Year	Private nonagricultural		Manufacturing	
	Current dollars	Constant (1977) dollars [1]	Current dollars	Constant (1977) dollars [1]		Current dollars	Constant (1977) dollars [1]	Current dollars	Constant (1977) dollars [1]
1960	*80.7*	*165.0*	*89.7*	*183.5*	1977	189.0	189.0	228.9	228.9
1965	95.5	183.2	107.5	206.4	1978	203.7	189.3	249.3	231.7
1970	119.8	186.9	133.3	208.0	1979	219.9	183.4	269.3	224.6
1973	145.4	198.4	166.5	227.1	1980	235.1	172.7	288.6	212.0
1974	154.8	190.1	176.8	217.2	1981	255.2	170.1	318.0	212.0
1975	163.5	184.2	190.8	214.9	1982	266.9	167.9	330.7	208.0
1976	175.5	186.9	209.3	222.9	1983, June [2]	281.3	171.9	355.9	217.4

[1] Earnings in current dollars divided by the Consumer Price Index on a 1977 base. [2] Preliminary, not seasonally adjusted data.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 714. PRODUCTION WORKERS, MANUFACTURING INDUSTRIES—EARNINGS AND HOURS, BY STATES: 1972 TO 1982

DIVISION AND STATE	AVERAGE HOURLY EARNINGS (dollars)					AVERAGE WEEKLY EARNINGS (dollars)					AVERAGE WEEKLY HOURS				
	1972	1975	1980	1981	1982	1972	1975	1980	1981	1982	1972	1975	1980	1981	1982
U.S	**3.82**	**4.83**	**7.27**	**7.99**	**8.50**	**155**	**191**	**289**	**318**	**331**	**40.5**	**39.5**	**39.7**	**39.8**	**38.9**
N. Eng.:															
Maine	3.03	3.81	6.00	6.66	7.22	123	152	240	269	289	40.7	39.9	40.0	40.4	40.0
N.H.[1]	3.20	3.97	5.87	6.41	6.95	127	155	234	256	275	39.8	39.1	39.8	39.9	39.6
Vt	3.28	4.07	6.14	6.79	7.35	136	164	249	272	287	41.5	40.4	40.6	40.0	39.0
Mass	3.65	4.48	6.51	7.01	7.58	146	175	258	280	297	40.1	39.1	39.6	40.0	39.2
R.I	3.15	3.84	5.59	6.10	6.61	125	149	220	240	255	39.5	38.9	39.3	39.3	38.6
Conn	3.87	4.78	7.08	7.67	8.23	161	194	296	319	333	41.5	40.5	41.8	41.6	40.5
Mid. Atl.:															
N.Y	3.98	4.91	7.18	7.84	8.35	158	191	283	309	324	39.6	38.9	39.4	39.4	38.8
N.J	3.99	4.99	7.31	8.02	8.60	163	200	300	322	346	40.9	39.9	41.0	40.7	40.2
Pa	3.88	4.98	7.59	8.30	8.63	154	193	294	325	331	39.8	38.8	38.8	39.2	38.4
E. No. Cent.:															
Ohio	4.45	5.57	8.57	9.53	10.07	185	225	348	390	404	41.6	40.3	40.6	40.9	40.1
Ind	4.35	5.49	8.49	9.37	9.79	179	219	338	376	384	41.1	39.8	39.8	40.1	39.2
Ill	4.28	5.53	8.02	8.91	9.31	176	219	320	356	365	41.0	39.7	39.8	40.0	39.2
Mich	(NA)	(NA)	9.52	10.53	11.18	(NA)	(NA)	382	426	449	(NA)	(NA)	40.1	40.5	40.2
Wis.[2]	4.15	5.26	8.03	8.80	9.37	171	212	323	353	371	41.3	40.4	40.2	40.1	39.6
W. No. Cent.:															
Minn	4.00	5.10	7.61	8.40	9.11	163	200	300	331	356	40.7	39.2	39.4	39.4	39.1
Iowa	(NA)	(NA)	8.67	9.60	10.00	(NA)	(NA)	343	379	387	(NA)	(NA)	39.6	39.5	38.7
Mo	3.78	4.80	7.26	7.90	8.46	150	187	285	318	327	39.8	39.0	39.2	40.3	38.6
N. Dak	3.31	4.31	6.56	7.12	7.50	133	172	246	271	282	40.2	39.9	37.5	38.1	37.6
S. Dak	(NA)	4.21	6.50	7.12	7.36	(NA)	171	267	296	303	(NA)	40.7	41.0	41.6	41.1
Nebr	3.55	4.68	7.38	8.01	8.43	148	188	298	324	336	41.7	40.5	40.5	40.4	39.8
Kans	(NA)	(NA)	7.37	8.05	8.77	(NA)	(NA)	296	325	346	(NA)	(NA)	40.3	40.4	39.4
So. Atl.:															
Del	4.04	5.02	7.58	8.28	8.64	162	197	306	333	339	40.1	39.3	40.4	40.3	39.2
Md.[2]	3.92	5.04	7.61	8.39	8.78	158	197	301	335	344	40.2	39.1	39.6	39.9	39.2
D.C.[3]	(NA)	5.52	8.46	8.88	9.37	(NA)	213	332	348	360	(NA)	38.5	39.3	39.2	38.4
Va	3.10	3.99	6.22	6.84	7.36	126	156	244	270	283	40.6	39.2	39.3	39.5	38.4
W. Va	3.87	4.93	8.08	8.80	9.40	155	192	317	347	365	40.0	39.0	39.2	39.4	38.8
N.C	2.77	3.52	5.37	5.94	6.35	113	135	211	232	237	40.7	38.4	39.3	39.1	37.3
S.C	2.80	3.59	5.59	6.18	6.68	116	141	225	250	255	41.4	39.4	40.3	40.4	38.2
Ga	3.04	3.80	5.77	6.37	6.75	125	150	232	255	261	41.0	39.5	40.2	40.1	38.6
Fla	3.20	4.11	5.98	6.53	7.02	132	164	244	265	280	41.2	40.0	40.8	40.6	39.9
E. So. Cent.:															
Ky	3.70	4.77	7.34	7.86	8.38	149	185	287	309	322	40.4	38.7	39.1	39.3	38.4
Tenn	3.07	3.93	6.08	6.72	7.16	125	156	241	268	276	40.6	39.8	39.7	39.9	38.6
Ala	3.25	4.10	6.49	7.01	7.33	133	162	260	280	282	41.0	39.5	40.1	39.9	38.5
Miss	2.75	3.58	5.44	6.01	6.41	113	141	214	236	244	41.1	39.3	39.3	39.3	38.1
W. So. Cent.:															
Ark	2.79	3.69	5.71	6.26	6.69	112	143	224	247	258	40.2	38.8	39.3	39.4	38.6
La	(NA)	4.88	7.74	8.58	9.38	(NA)	209	319	362	385	(NA)	42.8	41.2	42.2	41.0
Okla	3.49	4.45	7.36	8.20	8.69	141	178	295	329	343	40.5	40.0	40.1	40.1	39.5
Tex	(NA)	(NA)	7.15	7.95	8.60	(NA)	(NA)	295	328	344	(NA)	(NA)	41.2	41.3	40.0
Mt.:															
Mont	(NA)	5.53	8.78	9.09	9.85	(NA)	210	379	370	387	(NA)	38.0	43.2	41.0	39.3
Idaho	3.69	4.77	7.55	8.23	8.62	145	185	280	311	316	39.4	38.8	37.1	37.8	36.7
Wyo	3.45	4.92	7.01	7.89	8.53	133	190	291	314	321	38.6	38.6	39.6	39.9	37.6
Colo	(NA)	(NA)	7.63	8.28	8.63	(NA)	(NA)	301	326	338	(NA)	(NA)	39.7	39.7	39.2
N. Mex	2.88	3.63	5.79	6.54	7.21	115	142	230	259	283	40.1	39.0	39.8	39.6	39.2
Ariz	3.85	4.85	7.29	8.02	8.73	156	189	292	317	340	40.5	39.0	40.1	39.7	38.9
Utah	3.62	4.61	7.02	7.74	8.40	140	176	274	308	323	38.5	38.1	39.1	39.8	38.5
Nev	4.46	5.26	7.72	8.42	8.80	179	201	295	325	328	40.2	38.2	38.2	38.6	37.3
Pac.:															
Wash	4.54	5.82	9.41	10.44	11.23	180	225	362	405	432	39.6	38.7	38.5	38.8	38.5
Oreg	4.30	5.53	8.65	9.47	10.02	169	212	330	356	380	39.4	38.4	38.1	37.7	37.9
Calif	4.25	5.22	7.70	8.56	9.24	170	206	304	339	362	40.1	39.4	39.5	39.6	39.2
Alaska[1 2]	5.92	8.09	10.22	11.42	11.74	237	296	436	457	453	40.1	36.6	42.7	40.0	38.6
Hawaii	3.59	4.68	6.83	7.53	7.96	142	183	258	290	302	39.5	39.1	37.8	38.5	37.9

NA Not available. [1] Data beginning with 1980 are not comparable with prior years. [2] Adjusted to March 1981 benchmark levels. [3] Represents Washington, D.C. Standard Metropolitan Statistical Area; data not comparable over years shown.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly. Compiled from data supplied by cooperating State agencies.

No. 715. Number of Workers With Earnings and Median Earnings, by Occupation of Longest Job Held and Sex: 1981

[Covers civilians 15 years old and over as of **March 1982.** For definition of median, see *Guide to Tabular Presentation*]

Major occupation group of longest job held	All workers				Year round full-time					
	Women		Men		*Women*		Men		Ratio: women to men	
	Number (1,000)	Median earnings	Number (1,000)	Median earnings	Number (1,000)	Median earnings	Number (1,000)	Median earnings	Number	Median earnings
Total	**51,940**	**$7,222**	**65,233**	**$15,061**	**23,329**	**$12,001**	**41,773**	**$20,260**	**.56**	**.59**
Professional, technical, and kindred workers	8,382	12,590	9,923	22,665	4,719	16,508	7,736	25,653	.61	.64
Managers and administrators, exc. farm	3,467	11,867	8,765	23,228	2,336	14,820	7,474	25,425	.31	.58
Sales workers	3,723	4,069	3,932	16,297	1,102	11,238	2,680	22,331	.41	.50
Clerical and kindred workers	17,224	8,434	4,066	13,529	8,847	11,755	2,622	18,938	3.37	.62
Craft and kindred workers	942	8,641	13,400	16,534	503	12,904	8,784	20,095	.06	.64
Operatives, incl. transport workers	5,575	7,405	10,598	13,239	2,475	10,301	6,213	16,948	.40	.61
Private household workers	1,557	1,356	52	(B)	175	5,134	10	(B)	(B)	(X)
Laborers, except farm	716	5,062	5,473	6,346	254	10,320	1,965	14,449	.13	.71
Service workers, exc. private household	9,827	3,798	6,424	6,287	2,810	8,310	2,846	14,010	.99	.59
Farmers and farm managers	146	1,586	1,274	4,486	62	(B)	1,031	5,579	.06	(X)
Farm laborers and supervisors	381	1,465	1,326	2,841	45	(B)	413	8,898	.11	(X)

B Base less than 75,000. X Not applicable.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 137.

No. 716. Median Weekly Earnings of Full-Time Wage and Salary Workers, by Selected Characteristic: 1970 to 1982

[In current dollars of usual weekly earnings. For **1970-1978,** as of **May.** Beginning **1979** data represent annual average. Due to changes in data collection procedures, data for 1979 and later years are not strictly comparable with earlier years. For definition of median, see Guide to Tabular Presentation]

Characteristic	1970	1975	1977	1978	Characteristic	1979	1980	1981	1982
All workers	**$130**	**$185**	**$211**	**$226**	***All workers***	**$244**	**$266**	**$289**	**$309**
Male	151	221	252	271	Male	298	322	347	371
16-24 years old	112	151	168	185	16-24 years old	201	214	225	231
25 years and over	160	235	272	293	25 years and over	322	346	378	403
Never-married	113	153	173	190	*Female*	186	204	224	241
Husbands	159	234	271	292	16-24 years old	154	171	184	194
Other marital status	139	205	238	262	25 years and over	197	217	237	257
Female	94	137	156	166	Husbands	324	348	382	407
16-24 years old	88	117	133	142	Wives	190	208	229	246
25 years and over	96	146	165	175	Women who maintain families	190	210	228	243
Never-married	95	132	150	159	Men who maintain families	300	313	342	365
Wives	95	139	157	166					
Other marital status	91	138	157	167	White	249	273	296	317
					Male	305	329	356	382
White	134	190	216	231	Female	187	206	226	244
Male	157	225	258	278	Black	203	218	238	247
Female	95	138	157	167	Male	232	247	271	281
					Female	174	189	210	223
Black and other	99	156	171	186	*Hispanic origin* [2]	197	214	229	242
Male	113	173	201	218	Male	226	237	252	272
Female	81	130	146	157	Female	156	177	192	207
Occupation:					Occupation:				
Prof. and technical	*181*	*246*	*277*	*294*	Professional and technical	316	340	377	410
Managers, administrators [1]	190	273	301	322	Managers, administrators [1]	348	379	407	430
Salesworkers	133	189	224	231	Salesworkers	254	279	306	317
Clerical workers	109	150	167	175	Clerical workers	195	214	233	248
Craft and kindred workers	157	223	259	279	Craft and kindred workers	303	327	352	375
Operatives, ex. transport	(NA)	157	170	190	Operatives, ex. transport	211	225	242	252
Transport equipment operatives	(NA)	198	230	248	Transport equipment operatives	272	286	303	323
Nonfarm laborers	110	154	181	193	Nonfarm laborers	206	220	238	243
Private household workers	*38*	*54*	*59*	*59*	Service workers	164	180	192	203
Other service workers	87	123	142	152	Farmworkers	157	169	179	190
Farmworkers	71	111	127	139					

NA Not available. [1] Excludes farm. [2] Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of Labor Statistics, *Bulletin 2096*, and *Employment and Earnings*, monthly.

No. 717. Median Usual Weekly Earnings, by Family Type and Number of Workers: 1980 to 1982

[For families with wage and salary workers. Annual averages of quarterly figures —.]

Family type and number of workers	Number of families (1,000)			Median usual weekly earnings (dollars)			Percent change—constant (1967) dol.		
	1980	1981	1982	1980	1981	1982	1979–1980	1980–1981	1981–1982
Total families [1]	**41,162**	**41,360**	**40,844**	**405**	**434**	**452**	**−5.2**	**−3.0**	**−1.7**
Married couple families	33,825	33,807	33,225	436	473	496	−4.8	−1.7	−1.0
One worker	14,797	14,566	14,592	312	332	343	−7.4	−3.2	−2.5
Husband	12,127	11,782	11,426	344	373	396	−6.1	−1.4	-
Wife	2,059	2,156	2,465	160	180	194	−5.8	−1.5	1.7
Other	611	628	700	167	183	192	−8.1	−1.5	−1.1
Two workers or more [2]	19,028	19,241	18,633	539	585	619	−3.5	−1.4	−.2
Husband and wife only	12,990	13,213	(NA)	509	554	(NA)	−3.7	−1.5	(NA)
Husband and other family member(s)	2,369	2,398	2,167	557	601	624	−4.6	−2.2	−2.0
Wife and other family member(s)	426	439	475	351	371	391	−4.7	−4.2	−.6
Families maintained by women	5,690	5,875	5,933	227	240	253	−4.2	−4.3	−.5
One worker	4,022	4,225	4,253	188	198	211	−2.6	−3.9	.2
Two or more workers	1,668	1,649	1,680	373	397	420	−2.6	−3.3	−.1
Families maintained by men	1,647	1,678	1,686	365	382	403	−4.5	−5.4	−.4
One worker	1,016	1,068	1,077	289	311	331	−5.6	−2.6	.5
Two or more workers	631	610	609	500	532	558	−6.5	−3.5	−1.0

– Represents zero. NA Not available.
[1] Excludes families where the husband, wife, or householder is self-employed. [2] Includes other combinations not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earrings*, monthly.

No. 718. Number of Workers by Average Income Level and Median Weekly Earnings of Workers, by Selected Characteristics: 1979

[**In thousands, except median.** As of **January.** For full-time and part-time civilian wage and salary workers 16 years old and over. Based on Income Survey Development Program and subject to sampling variability. For definition of median see Guide to Tabular Presentation]

Characteristic	Male						Female					
	Total	Less than $150	$150–$299	$300–$499	$500 or more	Median (dol.)	Total	Less than $150	$150–$299	$300–$499	$500 or more	Median (dol.)
Total [1]	**45,812**	**9,861**	**15,354**	**13,476**	**7,119**	**271**	**38,530**	**21,348**	**13,243**	**3,347**	**592**	**136**
Race:												
White	40,847	8,137	13,606	12,367	6,738	280	33,073	18,045	11,638	2,833	559	137
Black	4,272	1,607	1,495	878	291	188	4,793	2,919	1,423	420	34	130
Spanish origin [2]	2,777	913	1,042	709	112	201	1,876	1,235	604	28	8	116
Years with employer:												
Less than 2 years	13,548	5,300	4,888	2,473	888	177	14,601	10,289	3,736	518	57	108
2–4 years	10,028	2,235	3,800	2,790	1,203	256	9,685	4,940	3,804	863	78	146
5–9 years	8,605	970	3,043	3,025	1,568	309	6,521	2,876	3,003	604	39	164
10–14 years	4,409	217	1,309	1,815	1,066	348	3,199	1,286	1,150	587	177	176
15–19 years	2,654	120	878	858	798	351	1,774	627	642	387	117	192
20–24 years	2,303	365	567	822	549	333	1,316	537	528	233	16	170
25 years or more	3,927	459	842	1,605	1,023	354	803	241	329	127	106	201
Years in this line of work:												
Less than 2 years	8,949	4,290	2,997	1,242	421	155	10,258	7,621	2,274	284	80	101
2–4 years	8,223	2,104	3,488	2,026	604	229	9,019	5,223	3,447	320	28	134
5–9 years	8,718	1,390	3,396	2,623	1,309	269	7,301	3,434	3,167	650	51	156
10–14 years	5,888	398	1,630	2,347	1,514	365	3,879	1,491	1,437	839	111	175
15–19 years	3,681	263	1,210	1,313	896	329	2,312	808	963	447	95	185
20–24 years	3,451	475	787	1,344	843	343	2,134	919	793	374	48	167
25 years or more	6,481	746	1,703	2,533	1,499	333	2,029	998	622	248	161	152
Union membership:												
Union member	12,930	978	4,438	5,629	1,884	318	5,494	2,054	2,271	965	204	191
Not union member	32,882	8,883	10,916	7,846	5,235	249	33,036	19,293	10,973	2,382	389	129

[1] Includes those whose status is not reported. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 118.

NO. 719. EMPLOYMENT COST INDEX (ECI), BY INDUSTRY AND OCCUPATION: 1979 TO 1983

[The ECI is a measure of the rate of change in employee compensation (wages, salaries, and employer costs for employee benefits). Data are not seasonally adjusted]

ITEM	INDEXES (June 1981 = 100)								PERCENT CHANGE FOR 12 MONTHS ENDING—			
	Dec. 1979	June 1980	Dec. 1980	June 1981	Dec. 1981	June 1982	Dec. 1982	June 1983	Dec. 1980	Dec. 1981	Dec. 1982	June 1983
Civilian workers [1]	(NA)	(NA)	(NA)	**100.0**	**104.5**	**107.5**	**111.4**	**114.5**	(NA)	(NA)	**6.6**	**6.5**
Workers, by occupational group:												
White-collar workers	(NA)	(NA)	(NA)	100.0	104.9	107.7	111.9	114.9	(NA)	(NA)	6.7	6.7
Blue-collar workers	(NA)	(NA)	(NA)	100.0	104.1	107.1	110.5	113.6	(NA)	(NA)	6.1	6.1
Service workers	(NA)	(NA)	(NA)	100.0	104.2	108.3	112.4	115.1	(NA)	(NA)	7.9	6.3
Workers, by industry division:												
Manufacturing	(NA)	(NA)	(NA)	100.0	104.0	107.2	110.4	113.5	(NA)	(NA)	6.2	5.9
Nonmanufacturing	(NA)	(NA)	(NA)	100.0	104.8	107.7	111.8	114.9	(NA)	(NA)	6.7	6.7
Services	(NA)	(NA)	(NA)	100.0	107.1	109.2	115.0	117.1	(NA)	(NA)	7.4	7.2
Public administration [2]	(NA)	(NA)	(NA)	100.0	106.0	109.1	113.6	117.0	(NA)	(NA)	7.2	7.2
Private industry workers [3]	**86.3**	**90.7**	**94.7**	**100.0**	**104.0**	**107.2**	**110.7**	**113.9**	**9.8**	**9.6**	**6.4**	**6.3**
Workers, by occupational group:												
White-collar workers	86.9	90.8	94.5	100.0	104.0	107.2	110.8	114.2	9.5	10.1	6.5	6.5
Blue-collar workers	86.2	90.5	94.9	100.0	104.0	107.0	110.3	113.5	10.1	9.6	6.1	6.1
Service workers	86.2	90.8	94.3	100.0	103.1	107.9	111.8	114.6	9.4	9.3	8.4	6.2
Workers, by industry division:												
Manufacturing	86.3	90.5	94.7	100.0	104.0	107.2	110.4	113.5	9.8	9.8	6.2	5.9
Nonmanufacturing	86.3	90.8	94.7	100.0	103.9	107.1	110.8	114.2	9.8	9.7	6.6	6.6
Workers by bargaining status:												
Union	85.2	89.7	94.7	100.0	104.8	108.4	112.3	116.0	11.1	10.7	7.2	7.0
Non-union	86.9	91.1	94.6	100.0	103.5	106.5	109.7	112.8	8.9	9.4	6.0	5.9
State and local government workers	(NA)	(NA)	(NA)	**100.0**	**107.4**	**109.3**	**115.1**	**117.1**	(NA)	(NA)	**7.2**	7.1
Workers, by occupational group:												
White-collar workers	(NA)	(NA)	(NA)	100.0	107.8	109.5	115.8	117.5	(NA)	(NA)	7.4	7.3
Blue-collar workers	(NA)	(NA)	(NA)	100.0	105.9	108.9	113.0	115.8	(NA)	(NA)	6.7	6.3
Workers, by industry division:												
Services	(NA)	(NA)	(NA)	100.0	107.9	109.4	115.9	117.4	(NA)	(NA)	7.4	7.3
Schools	(NA)	(NA)	(NA)	100.0	107.9	109.1	115.8	116.9	(NA)	(NA)	7.3	7.1
Elementary and secondary	(NA)	(NA)	(NA)	100.0	108.3	109.5	116.6	117.4	(NA)	(NA)	7.7	7.2
Hospitals and other services [4]	(NA)	(NA)	(NA)	100.0	107.8	110.3	116.0	118.8	(NA)	(NA)	7.6	7.7
Public administration [2]	(NA)	(NA)	(NA)	100.0	106.0	109.1	113.6	117.0	(NA)	(NA)	7.2	7.2

NA Not available. [1] Includes private industry and State and local government workers and excludes farm, household, and Federal government workers. [2] Consists of legislative, judicial, administrative, and regulatory activities. [3] Excludes farm and household workers. [4] Includes library, social, and health services.

Source: U.S. Bureau of Labor Statistics, *News, Employment Cost Index*, quarterly.

NO. 720. EMPLOYEES WITH EMPLOYER- OR UNION-PROVIDED PENSION PLANS, OR GROUP HEALTH PLANS, BY OCCUPATION AND INDUSTRY: 1981

[**In thousands, except percent.** For civilian wage and salary workers 15 years old and over as of **March 1982.** Based on Current Population Survey; see text, p. 2]

OCCUPATION	Total	WITH PENSION PLANS		WITH GROUP HEALTH PLANS	
		Number	Percent	Number	Percent
Total	**107,678**	**47,679**	**44.3**	**66,778**	**62.0**
Professional and technical	16,837	10,869	64.6	12,902	76.6
Managers and administrators	10,285	5,619	54.6	8,138	79.1
Salesworkers	6,629	1,950	29.4	3,323	50.1
Clerical and kindred workers	20,954	9,371	44.7	12,696	60.6
Craft and kindred workers	12,816	6,862	53.5	9,808	76.5
Operatives, except transport	11,961	5,682	47.5	8,596	71.9
Transport equipment operatives	3,680	1,666	45.3	2,578	70.1
Laborers	5,907	1,785	30.2	2,793	47.3
Service workers	16,971	3,801	22.4	5,675	33.4
Farmworkers	*1,639*	*74*	*4.5*	*270*	*16.5*

INDUSTRY	Total	WITH PENSION PLANS		WITH GROUP HEALTH PLANS	
		Number	Percent	Number	Percent
Total	**107,678**	**47,681**	**44.3**	**66,778**	**62.0**
Agriculture, forestry, fisheries	2,368	247	10.4	570	24.1
Mining	1,208	688	57.0	1,016	84.1
Construction	6,138	2,217	36.1	3,614	58.9
Manufacturing	23,836	14,035	58.9	19,544	82.0
Transportation, public utilities	6,720	4,373	65.1	5,445	81.0
Wholesale trade	4,595	1,963	42.7	3,282	71.4
Retail trade	18,683	3,614	19.3	7,268	38.9
Finance, insurance, real estate	6,238	2,977	47.7	4,368	70.0
Business services	4,120	1,113	27.0	2,152	52.2
Personal services	4,260	410	9.6	871	20.4
Entertainment and recreation	1,364	225	16.5	434	31.8
Professional and related	22,220	11,292	50.8	13,661	61.5
Public administration	5,928	4,527	76.4	4,553	76.8

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 136.

No. 721. Work Disability Status, by Occupation, Health and Pension Coverage, and Industry: 1981

[In thousands, except percent. For employed civilians, 16–64 years old. As of **March 1982.** For definition of work disability, see table 649. Based on Current Population Survey; see Appendix III]

Occupation and coverage	With a work disability		With no work disability	
	Number	Percent	Number	Percent
Total employed	**3,545**	**3.7**	**91,756**	**96.3**
OCCUPATION				
Prof., technical and kindred	454	2.7	16,060	97.3
Mgr., administrators [1]	425	3.8	10,632	96.2
Sales workers	252	4.1	5,948	95.9
Clerical and kindred	478	2.7	17,191	97.3
Craft and kindred	524	4.4	11,432	95.6
Operatives [2]	519	4.1	12,196	95.9
Laborers [1]	183	4.5	3,892	95.5
Service workers	585	4.5	12,393	95.5
Farm workers	126	5.9	2,011	94.1
COVERAGE				
Worked in 1981	3,333	3.6	89,961	96.4
Covered by—				
Both health and pension	1,256	3.1	39,258	96.9
Health only	611	3.0	19,971	97.0
Pension only	115	3.3	3,343	96.7

Industry	With a work disability		With no work disability	
	Number	Percent	Number	Percent
Agriculture	147	5.5	2,510	94.5
Forestry and fisheries	6	3.9	149	96.1
Mining	35	3.2	1,065	96.8
Construction	228	4.3	5,067	95.7
Manufacturing	694	3.4	19,573	96.6
Durable goods	441	3.6	11,729	96.4
Nondurable goods	253	3.1	7,844	96.9
Transp., comm., and other public utilities	219	3.5	6,075	96.5
Wholesale trade	153	3.7	3,985	96.3
Retail trade	534	3.4	14,998	96.6
Finance, insurance, and real estate	196	3.3	5,727	96.7
Services [3]	1,115	3.9	27,750	96.1
Business services	148	5.4	2,588	94.6
Personal services	218	6.1	3,348	93.9
Public administration	218	4.3	4,856	95.7

[1] Excludes farm. [2] Includes transport. [3] Includes industries not shown separately.

Source: U.S. Bureau of the Census, Current Population Reports, series P–23, No. 127.

No. 722. Employee Benefits in Medium and Large Firms: 1982

[Covers full-time employees in private industry; excludes small firms (establishments with fewer than 50 to 250 employees, depending on the industry), executive management and traveling operating employees, and Alaska and Hawaii. Based on sample survey of establishments and covers only benefits for which the employer pays part or all of the premium involved]

Type of employee benefit	All employees	Professional and administrative employees	Technical and clerical employees	Production employees
Percent of employees participating in—				
Paid: Lunch time	9	3	3	16
Rest time	76	61	76	84
Holidays	99	99	100	99
Vacations	99	100	100	99
Personal leave	24	32	33	16
Sick leave	67	92	92	42
Insurance plans:				
Accident/sickness	51	30	35	68
Noncontributory	41	22	26	58
Long-term disability	43	63	53	28
Noncontributory	33	47	40	24
Life	96	98	96	96
Noncontributory	81	80	80	83
Pension	84	87	86	82
Noncontributory	78	80	80	76
Health	97	98	95	97
Noncontributory	71	68	61	77
Hospital/surgical [1]	97	98	95	97
Extended care	60	64	60	58
Pvt. duty nursing	91	97	93	86
Mental health care	96	98	95	96
Dental	66	74	65	62
Vision	21	18	18	24

Type of employee benefit	All employees	Professional and administrative employees	Technical and clerical employees	Production employees
Percent of employees in establishment providing [2]—				
Paid funeral leave	(NA)	89	90	84
Profit sharing	(NA)	20	22	13
Savings and thrift	(NA)	35	29	15
Stock purchase	(NA)	16	14	10
Severance pay	(NA)	57	54	28
Employee discounts	(NA)	44	57	47
Relocation allowance	(NA)	76	40	24
Recreation facilities	(NA)	26	20	20
Subsidized meals	(NA)	25	24	14
Parking	(NA)	70	62	82
Educational assistance	(NA)	82	72	60
Mean number of—				
Paid holidays	10.0	10.2	9.6	10.1
Paid vacation days after—				
1 year	8.8	10.3	9.5	7.6
3 years	10.4	11.0	10.4	10.1
5 years	12.4	13.2	12.8	11.9
10 years	15.7	16.3	15.8	15.3
15 years	18.1	18.7	18.5	17.7
20 years	20.5	21.0	20.6	20.2
25 years	22.3	22.7	22.5	21.9

NA Not available. [1] Includes physician visits in hospitals, diagnostic X-ray and lab, and hospital auxiliary services.
[2] A benefit is defined as provided if all workers in the employment group were eligible for the benefit.

Source: U.S. Bureau of Labor Statistics, *Employee Benefits In Medium And Large Firms*, bulletin 2176.

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NO. 723. WORK SCHEDULES—WORKERS ON SCHEDULES OF 4½ DAYS OR LESS AND ON FLEXIBLE WORK SCHEDULES, BY OCCUPATION AND INDUSTRY: 1980

[**In thousands, except percent.** As of **May**. Covers full-time, nonfarm wage and salary workers. Data not adjusted to 1980 population controls. See text, p. 2]

OCCUPATION	Total workers reporting [1]	Total reporting on flexible schedules [2]	PERCENT WORKERS ON—	
			Schedules of 4½ days or less [1]	Flexible schedules [2]
Total	**67,858**	**64,364**	**2.9**	**11.9**
Prof. and technical	12,114	11,644	2.5	15.8
Managers and administrators, except farm	8,032	7,665	1.1	20.2
Sales workers	3,313	3,165	1.9	26.5
Clerical workers	13,227	12,572	1.7	9.8
Craft workers	10,182	9,589	2.4	7.4
Operatives [3]	8,794	8,271	3.3	4.4
Transport equipment operatives	2,713	2,514	4.4	14.3
Nonfarm laborers	2,937	2,737	2.5	7.3
Service workers	6,545	6,206	6.7	8.7

INDUSTRY	Total workers reporting [1]	Total reporting on flexible schedules [2]	PERCENT WORKERS ON—	
			Schedules of 4½ days or less [1]	Flexible schedules [2]
Goods producing [4]	**24,685**	**23,292**	**2.4**	**8.5**
Mining	833	765	2.0	10.6
Construction	4,352	4,129	3.4	10.1
Manufacturing	19,194	18,092	2.2	7.9
Service producing	**43,173**	**41,072**	**2.9**	**13.8**
Trans. and pub. utilities	5,298	4,902	2.7	11.7
Wholesale, retail trade	11,109	10,609	2.4	14.7
Finance, insurance [5]	4,240	4,048	1.8	17.1
Misc. services	17,756	16,992	3.0	12.7
Public administration	4,771	4,522	5.2	15.2
Federal	2,243	2,113	1.6	20.2
State	865	822	3.6	14.4
Local	1,663	1,587	10.8	8.9

[1] Includes employees with a job but not at work during survey week. [2] Excludes employees not at work during survey week. [3] Except transport. [4] Includes nonfarm workers in agricultural industries not shown separately. [5] Includes real estate.

Source: U.S. Bureau of Labor Statistics, *News*, February 24, 1981.

NO. 724. EFFECTIVE FEDERAL MINIMUM HOURLY WAGE RATES, 1950 TO 1981, AND COVERAGE IN 1982

[Employee estimates as of **September 1982**, except as indicated. The Fair Labor Standards Act of 1938 and subsequent amendments provide for minimum wage coverage applicable to specified nonsupervisory employment categories. Exempt from coverage are executives and administrators or professionals]

EFFECTIVE DATE	MINIMUM RATES FOR NONFARM WORKERS			Minimum rates for farm workers [4]
	Laws prior to 1966 [1]	Percent, avg. earnings [2]	1966 and later [3]	
Jan. 25, 1950	$.75	54	(x)	(x)
Mar. 1, 1956	1.00	52	(x)	(x)
Sept. 3, 1961	1.15	50	(x)	(x)
Sept. 3, 1963	1.25	51	(x)	(x)
Feb. 1, 1967	1.40	50	$1.00	$1.00
Feb. 1, 1968	1.60	54	1.15	1.15
Feb. 1, 1969	([5])	([5])	1.30	1.30
Feb. 1, 1970	([5])	([6])	1.45	([5])
Feb. 1, 1971	([5])	([5])	1.60	([5])
May 1, 1974	2.00	46	1.90	1.60
Jan. 1, 1975	2.10	45	2.00	1.80
Jan. 1, 1976	2.30	46	2.20	2.00
Jan. 1, 1977	([5])	([5])	2.30	2.20
Jan. 1, 1978	2.65	44	2.65	2.65
Jan. 1, 1979	2.90	45	2.90	2.90
Jan. 1, 1980	3.10	45	3.10	3.10
Jan. 1, 1981	3.35	43	3.35	3.35

SEX, RACE, AND INDUSTRY	NONSUPERVISORY EMPLOYEES, 1982				
	Total (1,000)	Subject to minimum wage rates			
		Total (1,000)	Percent of total	Prior to 1966 [6 7] (1,000)	1966 and later [3 6 7] (1,000)
Total	**75,779**	**59,208**	**78.1**	**42,423**	**16,785**
Male	40,799	31,839	78.0	24,666	7,173
Female	34,980	27,369	78.2	17,757	9,612
White	66,602	52,054	78.2	37,916	14,138
Black and other	9,177	7,154	78.0	4,507	2,647
Black only	8,367	6,538	78.1	4,119	2,419
Private industry	**66,185**	**56,617**	**85.5**	**42,423**	**14,194**
Agriculture	1,539	593	38.5	-	593
Mining	941	937	99.6	937	-
Construction	3,698	3,677	99.4	3,115	562
Manufacturing	16,611	16,151	97.2	16,052	99
Transp., public utilities	4,499	4,468	99.3	4,386	82
Wholesale trade	4,521	3,604	79.7	3,369	235
Retail trade	13,762	11,475	83.4	6,115	5,360
Finance, insurance, real estate	4,593	3,483	75.8	3,347	136
Service	14,498	11,239	77.5	5,102	6,137
Private households	1,523	990	65.0	-	990
Government [8]	**9,594**	**2,591**	**27.0**	-	**2,591**

- Represents zero. X Not applicable. [1] Applies to workers covered prior to 1961 Amendments and, after Sept. 1965, to workers covered by 1961 Amendments. Rates set by 1961 Amendments were: Sept. 1961, $1.00; Sept. 1964, $1.15; and Sept. 1965, $1.25. [2] Percent of gross average hourly earnings of production workers in manufacturing. [3] Applies to workers newly covered by Amendments of 1966, 1974, and 1977, and Title IX of Education Amendments of 1972. [4] Included in coverage as of 1966, 1974, and 1977 Amendments. [5] No change in rate. [6] Currently employed workers subject to criteria in effect prior to 1966 Amendments, except workers in retail-service establishments with less than $250,000, who otherwise would have been exempt prior to the 1966 Amendments, are included if part of enterprises subject to criteria established prior to the 1966 Amendments. [7] Currently employed workers subject to provisions. [8] Federal, State, and local employees.

Source: U.S. Department of Labor, Employment Standards Administration, Minimum Wage and Maximum Hours Standards Under the Fair Labor Standards Act, 1981, annual, and unpublished data.

NO. 725. MAJOR COLLECTIVE BARGAINING SETTLEMENTS—AVERAGE PERCENT ADJUSTMENTS IN WAGES AND BENEFITS NEGOTIATED: 1970 TO 1982

[**In percent, except as indicated.** Data represent private nonfarm industry settlements affecting production and related workers in manufacturing and nonsupervisory workers in nonmanufacturing (including construction) industries. Data exclude possible adjustments in wages under cost-of-living adjustment clauses (COLA), except increases guaranteed by the contract. Includes all settlements, whether wages and benefits were changed or not]

ADJUSTMENTS	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Wages and benefits: [1]												
First year	13.1	8.5	7.1	10.7	11.4	8.5	9.6	8.3	9.0	10.4	10.2	3.2
Over life of contract [2]	9.1	7.4	6.1	7.8	8.1	6.6	6.2	6.3	6.6	7.1	8.3	2.8
Wage-rates: [3]												
All industries:												
First year	11.9	7.3	5.8	9.8	10.2	8.4	7.8	7.6	7.4	9.5	9.8	3.8
Contracts with COLA	(NA)	7.9	5.7	9.5	12.2	8.4	8.0	6.9	6.2	8.0	8.0	2.2
Contracts without COLA	(NA)	7.2	5.8	10.2	9.1	8.3	7.6	8.0	9.1	11.7	10.6	7.0
Over life of contract [2]	8.9	6.4	5.1	7.3	7.8	6.4	5.8	6.4	6.0	7.1	7.9	3.6
Contracts with COLA	7.3	5.7	4.9	6.1	7.1	5.7	5.0	5.3	4.6	5.0	5.5	2.1
Contracts without COLA	10.1	6.5	5.3	9.1	8.3	7.3	6.9	7.1	8.0	10.3	8.8	6.6
Manufacturing:												
First year	8.1	6.6	5.9	8.7	9.8	8.9	8.4	8.3	6.9	7.4	7.2	2.8
Over life of contract [2]	6.0	5.6	4.9	6.1	8.0	6.0	5.5	6.6	5.4	5.4	6.1	2.6
Nonmanufacturing:												
First year	15.2	7.8	5.7	10.5	10.4	7.7	7.4	7.4	8.0	10.9	11.2	4.8
Over life of contract [2]	11.5	6.9	5.3	8.0	7.8	6.6	6.0	6.4	6.8	8.3	8.8	4.7
Number of workers affected (mil.)	4.7	2.4	5.3	5.1	2.9	4.1	4.0	2.5	3.5	3.8	2.4	3.3
Percent of wage and salary workers [4]	8.1	4.0	8.4	8.0	4.7	6.4	5.9	3.5	4.7	5.1	3.2	4.5
Manufacturing (mil.)	2.2	.9	2.4	1.9	.8	2.1	1.6	.6	1.9	1.6	.8	1.7
Nonmanufacturing (mil.)	2.5	1.5	2.9	3.3	2.1	2.0	2.4	2.0	1.6	2.2	1.6	1.6

NA Not available. [1] Each settlement involved 5,000 or more workers. [2] Average annual rate of change. [3] Each settlement involved 1,000 or more workers. [4] In private industry, excluding private household workers.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, monthly.

NO. 726. LABOR UNION AND EMPLOYEE ASSOCIATION MEMBERSHIP: 1950 TO 1978

[Estimates based on average number of dues-paying members of unions with headquarters in the U.S. Certain unions did not report as members persons not required to pay dues, such as apprentices and workers retired, unemployed, in Armed Forces, or involved in work stoppages. Excludes single-firm and local unaffiliated unions; includes local unions directly affiliated with the AFL-CIO, except as noted. Employee associations are similar to unions. See also *Historical Statistics, Colonial Times to 1970*, series D 933-934 and D 946-951]

ITEM	Unit	1950	1955	1960	1965	1970	1972	1974	1976	1978
Number of unions, total	Number	[1] 209	199	184	[2] 190	185	177	175	175	174
Unions affiliated with AFL-CIO	Number	137	139	134	129	120	113	111	112	108
Union membership	**1,000**	**15,000**	**17,749**	**18,117**	**18,519**	**20,752**	**20,893**	**21,643**	**21,171**	**21,784**
AFL-CIO	1,000	12,400	16,062	15,072	15,604	15,978	16,507	16,938	16,699	17,024
Independent or unaffiliated unions	1,000	2,600	1,688	3,045	2,915	4,773	4,386	4,705	4,472	4,760
Male [3]	1,000	(NA)	(NA)	14,733	(NA)	16,408	16,315	16,985	16,481	16,475
Female [3]	1,000	(NA)	(NA)	3,304	(NA)	4,282	4,524	4,600	4,648	5,267
White-collar membership [3]	1,000	(NA)	[4] 2,463	2,192	(NA)	3,353	3,434	3,762	4,068	4,067
Percent of total membership	Percent	(NA)	[4] 13.4	12.2	(NA)	16.2	16.5	17.4	19.3	18.7
U.S. members [5]	1,000	14,267	16,802	17,049	17,299	19,381	19,435	20,199	19,634	20,246
Percent of total labor force	Percent	22.3	24.7	23.6	22.4	22.6	21.8	21.7	20.3	19.7
Percent of nonagric. employment	Percent	31.5	33.2	31.5	28.5	27.3	26.4	25.8	24.5	23.6
Canadian members of U.S. unions	1,000	733	947	1,068	1,220	1,371	1,458	1,444	1,537	1,538
Association membership [6]	**1,000**	(NA)	(NA)	(NA)	(NA)	**1,868**	**2,221**	**2,610**	**3,028**	**2,561**
Female membership	1,000	(NA)	(NA)	(NA)	(NA)	1,116	1,212	1,438	1,790	1,590
White-collar membership	1,000	(NA)	(NA)	(NA)	(NA)	1,564	1,768	2,119	2,605	2,229

NA Not available. [1] 1949 data. [2] 1966 data. [3] Excludes local unions directly affiliated with AFL-CIO. [4] 1956 data. [5] Excluding Canadians. [6] Covers professional and State employee associations engaged in collective bargaining in more than one State or in one State in two or more cities.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual; and *Directory of National Unions and Employee Associations, 1979*.

No. 727. Membership in Large Labor Organizations: 1968 to 1980

(In thousands. AFL-CIO (except as noted) labor organizations reporting 100,000 members or more in 1980 with headquarters in U.S. Figures represent the labor organization after any attendant merger activity. "Ind." = Independent or unaffiliated unions)

Labor organization	1968	1972	1976	1980
Teamsters (Ind.)	1,755	1,855	1,889	1,891
National Education Association (Ind.)	1,062	1,166	1,887	1,684
Automobile workers (Ind.)	1,473	1,394	1,358	1,357
Food and commercial [1]	1,052	1,162	1,209	1,300
Steelworkers [2]	1,352	1,400	1,300	1,238
State, County (AFSCME)	364	529	750	1,098
Electrical (IBEW)	897	957	924	1,041
Carpenters	793	820	820	784
Machinists	903	758	917	754
Service employees (SEIU)	389	484	575	650
Laborers (LIUNA)	553	600	627	608
Communications workers	357	443	483	551
Teachers (AFT)	165	249	446	551
Clothing and textile workers [3]	569	539	502	455
Engineers, operating	350	402	420	423
Hotel and restaurant	459	458	432	400
Plumbers	297	[4] 228	[4] 228	352
Garment, ladies (ILGWU)	455	428	365	323
Musicians	283	315	330	299
Paperworkers [5]	328	389	300	275
Government (AFGE)	295	293	260	255
Postal workers [6]	[7] 166	239	252	251
Mineworkers [8]	(NA)	213	277	245
Electrical (IUE)	324	290	238	233
Letter carriers	210	220	227	230
Retail, wholesale	175	198	200	215
Government (NAGE) (Ind.)	(NA)	100	150	200
United transportation [9]	(NA)	248	265	190
Iron workers	168	176	179	184
Nurses Association (Ind.)	204	157	200	180
Railway, steamship clerks [10]	280	238	211	180
Firefighters	133	160	174	178
Painters	200	208	195	164
Electrical (UE) (Ind.)	167	165	165	162
Transit union	134	130	150	162
Sheetmetal workers	140	153	153	161
Bakery, confectionery [11]	(NA)	146	135	160
Oil, chemical workers	173	172	177	154
Rubber	204	183	211	151
Police (Ind.)	77	125	135	150
Boilermakers	140	132	145	145
Bricklayers	160	149	135	135
Transport workers	98	150	150	130
Postal employees [12] (Ind.)	(NA)	(NA)	(NA)	125
Printing and graphic (IPGCU)	(NA)	(NA)	109	122
Woodworkers	96	106	109	112
Office employees (OPEIU)	76	83	99	107
California SEA (AGE)	114	103	112	105
Maintenance of way	125	142	119	102

NA Not available. [1] In 1979, Retail clerks merged with Meat Cutters to form Food and Commercial Workers. [2] Intl. Union of Mine, Mill, and Smelter Workers, and Intl. Union of District 50 merged with United Steelworkers of America in 1967 and 1972, respectively. [3] In 1976, Amalgamated Clothing Workers of America merged with Textile Workers Union of America to form Amalgamated Clothing and Textile Workers Union. [4] AFL-CIO per capita reports. [5] United Papermakers and Paperworkers merged with *Intl. Brotherhood of Pulp, Sulphite, and Paper Mill Workers* in 1972 to form United Paperworkers International Union. [6] American Postal Workers Union formed in 1971 by merger of the postal clerks union and 4 other unions. [7] Postal clerks only. [8] 1980 excludes retired workers. [9] Merged with Brotherhood of Railroad Trainmen and three other railroad unions in 1969. 1980 excludes retired members. [10] Includes Transportation-Communication Employees Union. [11] American Bakery and Confectionery Workers Intl. Union and Bakery and Confectionery Workers' Intl. Union of America merged in 1969. [12] Includes associate members.

Source: U.S. Bureau of Labor Statistics, *Directory of National Unions and Employee Associations, 1979*, and unpublished data.

No. 728. Labor Organization Membership—Total and Percent of Nonagricultural Employment, by State: 1970 to 1980

[Data for 1970–1978 include approximately 332,000 members of single firms and local unaffiliated labor organizations distributed among the States; excluded in 1980]

State	Total (1,000)				Percent of employment	
	1970	1974	1978	1980	1970	1980
U.S	**21,852**	**23,408**	**23,306**	**22,811**	**30.8**	**25.2**
Ala.[1]	228	278	329	296	22.6	21.8
Alaska	32	45	53	57	34.4	33.6
Ariz.[1]	117	156	159	160	21.4	15.8
Ark.[1]	104	116	128	119	19.4	16.0
Calif	2,477	2,607	2,659	2,661	35.7	27.0
Colo	186	220	205	227	25.0	18.1
Conn	329	382	356	327	27.5	22.9
Del	55	55	59	65	25.8	25.1
Fla.[1]	348	416	415	420	16.2	11.7
Ga.[1]	273	287	314	323	17.5	15.0
Hawaii	89	129	134	113	30.3	27.9
Idaho	46	54	63	61	22.1	18.5
Ill	1,613	1,684	1,590	1,487	37.3	30.6
Ind	694	729	700	649	37.5	30.4
Iowa[1]	216	251	250	244	24.5	22.0
Kans.[1]	143	137	144	146	21.1	15.5
Ky	*293*	*309*	*311*	*290*	*32.2*	*24.0*
La	201	211	240	257	19.4	16.4
Maine	73	83	100	101	22.0	24.1
Md.[2]	499	545	546	527	24.5	22.6
Mass	616	632	692	660	27.2	24.9
Mich	1,307	1,388	1,362	1,289	43.5	37.4
Minn	420	421	464	463	31.9	26.2
Miss.[1]	86	93	122	135	14.9	16.3
Mo	624	595	598	544	37.5	27.6
Mont	69	73	83	82	34.3	29.2
Nebr.[1]	101	99	116	114	21.0	18.2
Nev.[1]	74	81	95	95	36.5	23.8
N.H	55	58	61	61	21.2	15.8
N.J	815	898	810	784	31.2	25.6
N. Mex	55	63	66	88	18.8	18.9
N.Y	2,876	3,215	2,877	2,792	40.2	38.7
N.C.[1]	167	201	242	228	9.4	9.6
N. Dak.[1]	35	38	45	42	21.4	17.1
Ohio	1,509	1,522	1,472	1,376	38.9	31.5
Okla	143	148	177	174	18.8	15.3
Oreg	260	270	296	272	36.7	26.0
Pa	1,741	1,849	1,741	1,644	40.0	34.6
R.I	96	111	119	113	27.9	28.4
S.C.[1]	98	105	101	93	11.6	7.8
S. Dak.[1]	26	31	34	35	14.9	14.7
Tenn.[1]	312	328	358	334	23.5	19.1
Tex.[1]	572	620	698	669	15.8	11.4
Utah[1]	94	94	103	98	26.2	17.8
Vt	31	37	43	36	21.0	18.0
Va.[1]	277	288	311	318	18.2	14.7
Wash	489	485	547	553	45.3	34.4
W. Va	242	239	248	222	46.8	34.4
Wis	510	548	573	554	33.3	28.6
Wyo.[1]	27	33	37	39	24.8	18.6
Unallocated	108	149	61	376	(x)	(x)

X Not available. [1] State has a right-to-work law. [2] Includes District of Columbia.

Source: U.S. Bureau of Labor Statistics, *Directory of National Unions and Employee Associations, 1971, 1975, 1979*, and unpublished data.

NO. 729. EMPLOYED WORKERS IN LABOR ORGANIZATIONS, BY OCCUPATION AND INDUSTRY: 1980

[**In thousands, except percent.** For employed wage and salary workers as of **May.** Based on Current Population Survey, see Appendix III]

OCCUPATION OF CURRENT JOB	NUMBER OF WORKERS IN LABOR ORGANIZATIONS		PERCENT OF EMPLOYED WAGE AND SALARY WORKERS	
	Male	Female	Male	Female
Total[1]	**14,039**	**6,056**	**28.4**	**15.9**
White collar	3,314	3,703	16.0	14.7
Professional, technical and kindred[1]	1,513	1,760	19.4	26.5
Engineers	104	4	7.7	(2)
Physicans, dentists[3]	30	5	8.3	(2)
Health workers[4]	56	286	21.9	15.6
Teachers, exc. college	572	1,115	60.7	47.9
Engineering and sci. tech.	169	40	18.5	20.4
Managers and administrators[5]	558	123	8.4	5.3
Clerical and kindred workers[1]	1,149	1,707	32.9	12.2
Bookkeepers	15	68	10.1	4.5
Office-machine operators	51	95	18.8	13.0
Steno., typists, secretaries	16	409	20.7	8.6
Sales workers	93	113	3.3	5.1
Retail trade	40	85	4.0	5.2
Blue collar workers	9,545	1,557	41.4	29.1
Craft and kindred workers	4,190	118	40.0	19.7
Operatives, exc. transport	2,733	1,257	46.0	31.1
Trans. equip. operatives	1,367	72	46.3	26.4
Drivers and delivery	1,042	62	42.2	24.7
Nonfarm laborers	1,255	110	34.0	25.6
Service workers[6]	1,160	794	24.7	10.8
Cleaning service	385	188	27.1	21.0
Food service	141	227	9.8	7.7
Health service	59	252	25.9	15.4
Personal service	54	79	18.8	9.9
Protective service	520	46	40.8	32.8

INDUSTRY OF CURRENT JOB	NUMBER OF WORKERS IN LABOR ORGANIZATIONS		PERCENT OF EMPLOYED WAGE AND SALARY WORKERS	
	Male	Female	Male	Female
Total	**14,039**	**6,056**	**28.4**	**15.9**
Agriculture	42	9	3.6	3.0
Mining	274	12	35.6	9.8
Construction	1,551	23	34.0	5.6
Manufacturing	5,293	1,478	36.9	22.2
Durable goods	3,606	759	38.8	23.4
Nondurable goods	1,687	718	33.5	21.1
Transp., comm., pub. utilities[1]	2,331	572	51.9	36.7
Railroads	446	28	82.2	(2)
Communication	372	341	46.7	52.6
Trades	1,151	602	12.4	7.4
Wholesale	347	42	13.6	4.9
Retail	803	560	11.9	7.7
Finance, insurance, real estate	119	71	6.0	2.3
Banking and other finance	18	20	2.4	1.2
Insurance and real estate	101	52	8.2	3.3
Services[1]	1,909	2,834	20.6	17.9
Private household	2	6	1.0	.6
Business and repair	216	77	11.5	7.5
Personal services[7]	116	113	19.2	10.8
Professional services[1]	1,489	2,597	24.6	20.9
Medical, exc. hospitals	86	198	15.2	8.7
Hospitals	201	491	21.5	16.5
Educational	1,030	1,737	36.8	33.0
Forestry and fisheries	9	3	(2)	(2)
Public administration	*1,361*	*452*	*39.7*	*23.4*

[1] Includes other categories, not shown separately. [2] Base less than 75,000. [3] Includes related practitioners. [4] Except practitioners. [5] Except farm. [6] Includes private household. [7] Excludes private household.

Source: U.S. Bureau of Labor Statistics, *Bulletin 2105.*

NO. 730. WORK STOPPAGES: 1947 TO 1982

[Excludes work stoppages involving fewer than 1,000 workers and lasting less than 1 day. Information is based on reports of labor disputes appearing in daily newspapers, trade journals, and other public sources. The parties to the disputes are contacted by telephone, when necessary, to clarify details of the stoppages]

YEAR	Number of work stoppages[1]	Workers involved[2] (1,000)	DAYS IDLE	
			Number (1,000)	Percent estimated working time[3]
1947	270	1,629	25,720	(NA)
1950	424	1,698	30,390	.26
1955	363	2,055	21,180	.16
1960	222	896	13,260	.09
1965	268	999	15,140	.10
1967	381	2,192	31,320	.18
1968	392	1,855	35,567	.20
1969	412	1,576	29,397	.16
1970	381	2,468	52,761	.29
1971	298	2,516	35,538	.19
1972	250	975	16,764	.09
1973	317	1,400	16,260	.08
1974	424	1,796	31,809	.16
1975	235	965	17,563	.09
1976	231	1,519	23,962	.12
1977	298	1,212	21,258	.10
1978	219	1,006	23,774	.11
1979	235	1,021	20,409	.09
1980	187	795	20,844	.09
1981	145	729	16,908	.07
1982	96	656	9,061	.04

NA Not available. [1] Beginning in year indicated. [2] Workers counted more than once if involved in more than 1 stoppage during the year. [3] Agricultural and government employees are included in the total working time; private household, forestry and fishery employees are excluded.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments,* monthly.

NO. 731. STATE AND LOCAL GOVERNMENTS—FULL-TIME EMPLOYMENT, ORGANIZED EMPLOYEES, AND WORK STOPPAGES, 1975 TO 1980, AND BY FUNCTION, 1980

[For October, except as noted]

ITEM	1975, total	1977, total	1978, total	1979, total	1980							
					Total [1]	Education			Highways	Hospitals	Police and fire protection	Public welfare
						Total	Instructional	Other				
Full-time employees (1,000):												
Total	9,397	9,861	9,948	10,193	10,314	4,844	3,129	1,715	526	1,007	793	361
State	2,540	2,677	2,736	2,839	2,868	890	298	594	253	523	72	169
Local	6,857	7,185	7,212	7,354	7,446	3,953	2,833	1,121	273	484	721	193
Membership in employee organizations (1,000): [2]												
Total	4,702	4,711	4,788	4,881	5,031	2,686	2,031	654	236	403	457	151
Percent of full-time employees	49.9	47.8	48.1	47.9	48.8	55.4	64.9	38.2	45.0	40.0	57.7	41.8
State	1,005	1,009	1,043	1,098	1,163	264	107	157	134	261	37	69
Local	3,697	3,701	3,745	3,783	3,868	2,422	1,924	497	103	142	420	82
Work stoppages (number): [3] [4]												
Total	490	485	488	553	502	287	225	62	45	20	63	14
State	36	33	27	46	22	7	4	3	–	4	1	1
Local	454	452	461	507	480	280	221	59	45	16	62	13
Employees involved in work stoppages (1,000): [3]												
Total	316	179	178	212	233	126	99	27	3	7	10	3
State	71	35	10	30	16	4	2	2	–	1	(z)	(z)
Local	245	144	169	182	217	122	97	25	3	6	10	3
Days of idleness (1,000): [3]												
Total	2,421	1,458	3,542	2,135	2,407	1,534	1,235	298	26	32	92	23
State	290	184	151	128	90	37	18	20	–	2	(z)	(z)
Local	2,130	1,274	3,391	2,007	2,317	1,496	1,218	278	26	30	92	23

– Represents zero. Z Less than 500. [1] Includes other functions, not shown separately. [2] Full-time employees only. [3] Represents period from October 16 of previous year to October 15 of year stated. [4] Contains duplication; each work stoppage is counted separately for each function affected, but only once in the total work stoppages.

Source: U.S. Bureau of the Census, *Labor-Management Relations in State and Local Governments: 1975, 1978, 1979, and 1980*, series GSS Nos. 81, 95, 100, and 102, and *1977 Census of Governments*, vol. 3, No. 3.

NO. 732. WORKERS KILLED OR DISABLED ON THE JOB, 1945 TO 1982, AND BY INDUSTRY GROUP, 1982

[1982 data are preliminary estimates. Estimates based on data from U.S. National Center for Health Statistics, State departments of health, and State industrial commissions. Numbers of workers based on data from U.S. Bureau of Labor Statistics]

YEAR	DEATHS						Disabling injuries [2] (1,000)
	Total		Manufacturing		Nonmanufacturing		
	Number (1,000)	Rate [1]	Number (1,000)	Rate [1]	Number (1,000)	Rate [1]	
1945	16.5	33	2.7	18	13.8	39	2,000
1950	15.5	27	2.6	17	12.9	31	1,950
1955	14.2	24	2.0	12	12.2	29	1,950
1960	13.8	21	1.8	10	12.1	25	1,950
1965	14.1	20	1.8	10	12.3	24	2,100
1970	13.8	18	1.7	9	12.1	21	2,200
1973	14.3	17	1.8	9	12.5	20	2,500
1974	13.5	16	1.7	8	11.8	18	2,300
1975	13.0	15	1.6	9	11.4	17	2,200
1976	12.5	14	1.7	9	10.8	16	2,200
1977	12.9	14	1.8	9	11.1	16	2,300
1978	13.1	14	1.8	9	11.3	15	2,200
1979	13.0	13	1.7	8	11.3	15	2,300
1980	12.7	13	1.5	7	11.2	14	2,200
1981	12.1	12	1.4	7	10.7	13	2,100
1982	11.1	11	1.0	5	10.1	13	1,900

YEAR AND INDUSTRY GROUP	DEATHS		Disabling injuries [2] (1,000)
	Number (1,000)	Rate [1]	
1982, total	**11.1**	**11**	**1,900**
Agriculture [3]	1.8	52	180
Mining and quarrying	.6	55	50
Construction	2.0	38	190
Manufacturing	1.0	5	290
Transportation and utilities	1.5	28	180
Trade [4]	1.1	5	350
Service [5]	1.7	6	380
Government	1.4	9	280

[1] Per 100,000 workers. [2] Disabling injury defined as one which results in death, some degree of physical impairment, or renders the person unable to perform regular activities for a full day beyond the day of the injury. [3] Includes forestry and fishing. [4] Includes wholesale and retail trade. [5] Includes finance, insurance and real estate.

Source: National Safety Council, Chicago, Ill., *Accident Facts*, annual. (Copyright.)

No. 733. Occupational Injury and Illness Incidence Rates, Selected Industries: 1975 to 1981

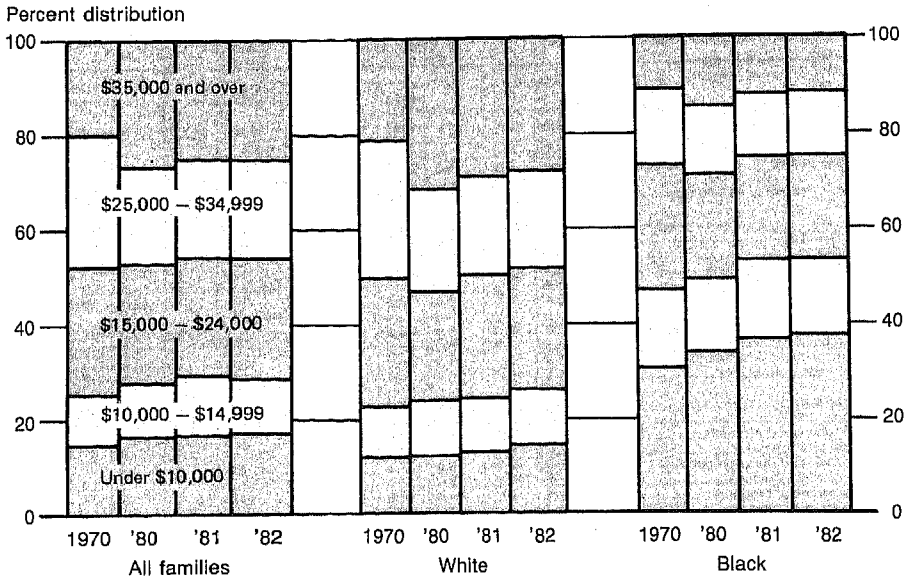
[**Rates per 100 full-time employees.** For nonfarm employment data, see table 707. Rates refer to any occupational injury or illness resulting in (1) fatalities, (2) lost workday cases, or (3) nonfatal cases without lost workdays. Incidence rates were calculated as: Number of injuries and illnesses or lost workdays multiplied by 200,000 as base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks a year) divided by total hours worked by all employees during year. Based on the 1972 *Standard Industrial Classification Manual*]

INDUSTRY	TOTAL CASES[1]			LOST WORKDAY CASES			NONFATAL CASES, NO LOST WORKDAYS			LOST WORKDAYS		
	1975	1980	1981	1975	1980	1981	1975	1980	1981	1975	1980	1981
Private sector[2]	**9.1**	**8.7**	**8.3**	**3.3**	**4.0**	**3.8**	**5.8**	**4.7**	**4.5**	**56.2**	**65.2**	**61.7**
Agriculture, forestry, fishing[2]	**10.5**	**11.9**	**12.3**	**4.4**	**5.8**	**5.9**	**6.0**	**6.1**	**6.3**	**70.9**	**82.7**	**82.8**
Mining	**11.0**	**11.2**	**11.6**	**5.6**	**6.5**	**6.2**	**5.4**	**4.6**	**5.3**	**110.6**	**163.6**	**146.4**
Metal mining	6.5	8.9	8.2	4.4	5.5	4.9	2.1	3.4	3.2	69.2	129.3	120.6
Anthracite mining	28.4	13.8	14.3	10.2	8.5	8.8	18.1	5.2	5.4	211.3	276.7	408.7
Bituminous coal and lignite	10.8	10.1	9.0	6.4	8.3	7.4	4.3	1.8	1.5	101.5	252.3	226.1
Oil and gas extraction	14.0	13.4	14.1	6.2	6.7	6.6	7.7	6.6	7.4	149.1	152.7	139.4
Nonmetallic minerals exc. fuels	6.0	5.4	4.7	3.5	3.6	3.1	2.4	1.8	1.6	45.6	88.8	72.4
Construction	**15.9**	**15.7**	**15.1**	**5.5**	**6.5**	**6.3**	**10.4**	**9.1**	**8.8**	**100.2**	**117.0**	**113.1**
General building contractors	15.5	15.5	15.1	5.3	6.5	6.1	10.2	9.0	9.0	91.7	113.0	107.1
Heavy construction contractors	17.1	16.3	14.9	5.9	6.3	6.0	11.2	9.9	8.9	113.6	117.6	106.0
Special trade contractors	15.5	15.5	15.2	5.4	6.7	6.6	10.1	8.8	8.6	98.7	118.9	119.3
Manufacturing	**13.0**	**12.2**	**11.5**	**4.5**	**5.4**	**5.1**	**8.5**	**6.8**	**6.4**	**75.8**	**86.7**	**82.0**
Durable goods	14.2	12.9	12.1	4.8	5.6	5.3	9.4	7.3	6.8	81.1	90.9	84.9
Lumber and wood products	21.0	18.6	17.6	8.5	9.5	9.0	12.5	9.1	8.6	156.7	171.8	158.4
Furniture and fixtures	15.9	16.0	15.1	5.1	6.6	6.2	10.8	9.4	8.9	80.8	97.6	91.9
Stone, clay, and glass products	16.0	15.0	14.1	5.9	7.1	6.9	10.1	7.9	7.2	108.5	128.1	122.2
Primary metal industries	17.0	15.2	14.4	6.1	7.1	6.7	10.9	8.1	7.7	114.3	126.3	121.3
Fabricated metal products	19.1	18.5	17.5	6.6	8.0	7.5	12.5	10.5	10.0	104.3	118.4	109.9
Machinery, exc. electric	14.9	13.7	12.9	4.6	5.5	5.1	10.3	8.2	7.8	68.9	81.3	74.9
Electric and electronic equipment	8.5	8.0	7.4	2.5	3.3	3.1	6.0	4.7	4.3	41.9	51.8	48.4
Transportation equipment	12.4	10.6	9.8	4.5	4.9	4.6	7.9	5.7	5.2	76.5	82.4	78.1
Instruments and related products	6.9	6.8	6.5	2.1	2.7	2.7	4.8	4.1	3.8	36.7	41.8	39.2
Miscellaneous	11.3	10.9	10.7	3.6	4.3	4.4	7.7	6.5	6.3	58.0	67.9	66.3
Nondurable goods	11.4	11.1	10.5	4.1	5.0	4.8	7.3	6.1	5.7	66.7	80.4	77.4
Food and kindred products	18.3	18.7	17.8	7.3	9.0	8.6	11.0	9.7	9.2	113.6	136.8	130.7
Tobacco manufactures	10.3	8.1	8.2	3.9	3.8	3.9	6.4	4.3	4.3	56.4	45.8	56.8
Textile mill products	10.2	9.1	8.8	2.5	3.3	3.2	7.7	5.8	5.5	48.9	62.8	59.2
Apparel and other textile products	6.0	6.4	6.3	1.6	2.2	2.2	4.3	4.2	4.1	27.5	34.9	35.0
Paper and allied products	13.3	12.7	11.6	4.1	5.8	5.4	9.1	6.9	6.2	85.6	112.3	103.6
Printing and publishing	6.7	6.9	6.7	2.4	3.1	3.0	4.3	3.8	3.6	38.7	46.5	47.4
Chemicals and allied products	8.4	6.8	6.6	2.9	3.1	3.0	5.5	3.7	3.6	48.9	50.3	48.1
Petroleum and coal products	9.0	7.2	6.7	3.1	3.5	2.9	5.8	3.7	3.7	65.3	59.1	51.2
Rubber and misc. plastics products	15.7	15.5	14.6	6.7	7.4	7.2	9.0	8.1	7.4	113.3	118.6	117.4
Leather and leather products	11.2	11.7	11.5	3.8	5.0	5.1	7.4	6.7	6.4	55.3	82.7	82.6
Transportation, public utilities	**9.4**	**9.4**	**9.0**	**4.7**	**5.5**	**5.3**	**4.7**	**3.8**	**3.7**	**88.9**	**104.5**	**100.6**
Railroad transportation	8.5	11.1	10.0	4.9	7.2	6.4	3.6	3.8	3.6	78.3	107.6	95.9
Local passenger transit[3]	8.4	9.5	9.3	4.2	5.2	5.1	4.1	4.3	4.2	80.8	92.9	101.2
Trucking and warehousing	14.8	14.9	14.7	7.5	9.0	8.8	7.2	5.9	5.8	144.9	187.9	184.1
Water transportation	15.8	14.2	12.5	8.2	8.4	7.2	7.6	5.7	5.3	294.1	300.3	270.5
Air transportation	14.9	13.3	13.5	7.4	8.2	8.3	7.5	5.1	5.2	84.7	105.0	103.1
Pipelines, except natural gas	4.7	5.2	4.3	1.6	1.7	1.5	3.0	3.5	2.8	79.3	31.0	29.7
Transportation services	6.2	4.7	4.5	2.9	2.5	2.2	3.3	2.2	2.3	53.9	40.0	41.6
Communication	3.0	2.8	2.7	1.5	1.6	1.5	1.5	1.2	1.2	31.9	26.6	26.6
Electric, gas, sanitary services	9.3	8.6	8.3	3.7	4.3	4.2	5.6	4.2	4.1	68.5	70.8	69.9
Wholesale and retail trade	**7.3**	**7.4**	**7.3**	**2.6**	**3.2**	**3.1**	**4.7**	**4.2**	**4.1**	**39.5**	**48.7**	**45.3**
Wholesale trade	8.2	8.2	7.7	3.2	3.9	3.6	5.0	4.3	4.1	49.5	58.2	54.7
Retail trade	7.0	7.1	7.1	2.4	2.9	2.9	4.6	4.2	4.1	35.2	44.5	41.1
Finance, insurance, real estate[4]	**2.2**	**2.0**	**1.9**	**.8**	**.8**	**.9**	**1.4**	**1.1**	**1.1**	**10.8**	**12.2**	**11.6**
Banking	1.8	1.5	1.6	.6	.6	.6	1.2	.9	1.0	9.0	8.1	7.3
Security, commodity brokers	1.0	.8	1.0	.4	.3	.3	.6	.5	.7	3.5	3.1	4.0
Insurance carriers	1.7	1.7	1.8	.6	.7	.8	1.1	1.0	1.0	8.2	10.8	11.7
Real estate	5.0	4.4	4.0	1.9	2.2	1.9	3.1	2.2	2.1	28.7	32.8	28.4
Services[4]	**5.5**	**5.2**	**5.0**	**2.0**	**2.3**	**2.3**	**3.5**	**2.9**	**2.6**	**32.6**	**35.8**	**35.9**
Hotels and other lodgings	8.2	8.9	8.8	2.6	3.7	3.6	5.6	5.2	5.2	45.0	50.8	52.6
Personal services	3.3	2.9	2.8	1.3	1.3	1.3	2.0	1.6	1.5	20.8	22.6	22.2
Business services	5.0	4.4	4.6	2.0	2.1	2.3	3.0	2.3	2.3	32.9	31.1	34.5
Auto repair, services, and garages	9.0	7.5	7.6	3.4	3.3	3.2	5.6	4.2	4.3	66.1	47.8	50.8
Amusement, recreation services	8.6	9.2	7.5	2.8	3.8	3.3	5.7	5.4	4.2	40.0	53.8	48.8
Health services	6.8	6.4	6.1	2.5	3.1	3.1	4.3	3.3	3.0	40.3	47.4	47.7
Educational services	3.5	3.3	3.8	1.4	1.4	1.6	2.0	1.9	2.2	20.7	18.6	16.0
Membership organizations	3.0	3.4	2.3	1.1	1.0	.9	1.9	2.4	1.4	17.6	24.6	17.2
Miscellaneous services	2.3	1.6	1.6	.7	.7	.7	1.6	.9	.9	8.8	10.8	9.3

[1] "Cases" represents occurrences. Includes fatalities for all employers. [2] Excludes farms with fewer than 11 employees.
[3] Includes interurban. [4] Includes categories not shown separately.

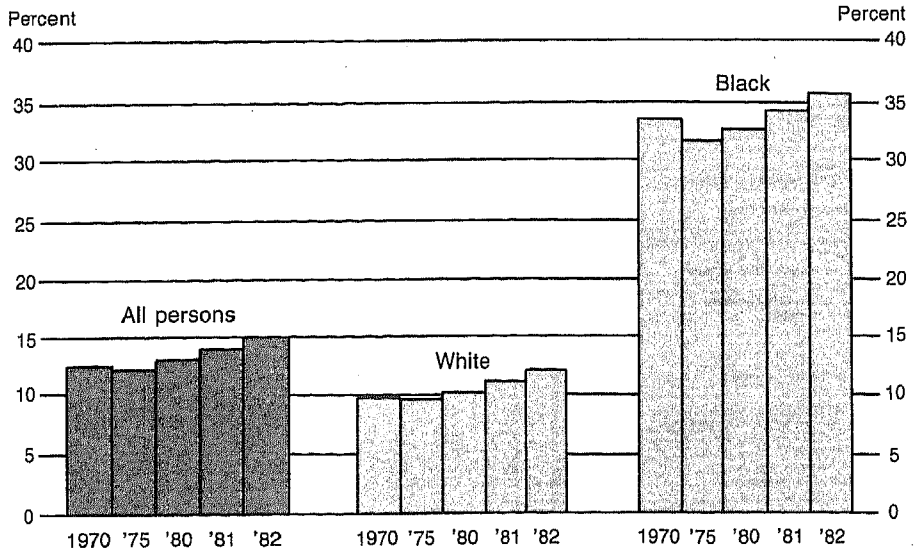
Source: U.S. Bureau of Labor Statistics, *Occupational Injuries and Illnesses in the United States by Industry*, annual.

Figure 15.1
Money Income of Families in Constant (1982) Dollars: 1970 to 1982

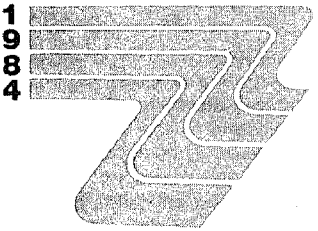


Source: Chart prepared by U.S. Bureau of the Census. For data, see table 762.

Figure 15.2
Percent of Persons Below Poverty Level: 1970 to 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 777.



Section 15

Income, Expenditures, and Wealth

This section presents data on gross national product (GNP), national and personal income, saving and investment, money income, poverty, and national and personal wealth. The data on income and expenditure measure two aspects of the U.S. economy. One aspect relates to the national income and product accounts (NIPA), a summation reflecting the entire complex of the Nation's economic income and output and the interaction of its major components; the other relates to the distribution of money income to families and individuals, or consumer income.

The primary source for data on GNP, national and personal income, and gross saving and investment is the *Survey of Current Business,* published monthly, with supplements, by the Department of Commerce, Bureau of Economic Analysis (BEA). A comprehensive revision to the NIPA was completed in December 1980. A discussion of the revision and of the conceptual framework of the NIPA appears in the December 1980 *Survey of Current Business.* Detailed historical data appear in *The National Income and Product Accounts of the United States, 1929–76,* and a special supplement to the *Survey, National Income and Product Accounts, 1976–79;* detailed data for the most recent years are normally published each July in the *Survey.*

Sources of income distribution data are the decennial censuses of population and the Current Population Survey (CPS), both products of the Bureau of the Census (see text, pages 1 and 2). Annual data on income of families, individuals, and households, by income class, are presented in *Current Population Reports—Consumer Income,* series P-60.

Data on individuals' saving and assets are published by the Board of Governors of the Federal Reserve System in the quarterly *Flow of Funds Accounts;* and detailed information on personal wealth is published periodically by the Internal Revenue Service (IRS) in *SOI Bulletin.*

National income and product.—*Gross national product* (GNP) is the total national output of goods and services valued at market prices. GNP can be viewed in terms of expenditure categories which comprise purchases of goods and services by consumers and government, gross private domestic investment, and net exports of goods and services. The goods and services included are largely those bought for final use (excluding illegal transactions) in the market economy. A number of inclusions, however, represent imputed values (estimates of "income in kind"), the most important of which is rental value of owner-occupied housing. GNP, in this broad context, measures the output attributable to the factors of production—labor and property—supplied by U.S. residents. GNP differs from "national income" mainly in that GNP includes allowances for depreciation and for indirect business taxes (sales and property taxes); see table 737. *Gross domestic product* is GNP minus gross product originating outside the U.S.

National income is the aggregate of labor and property earnings which arises in the current production of goods and services by the Nation's economy. It is the sum of employee compensation, proprietors' income, rental income, corporate profits, and net interest. Thus, it measures the total factor costs of the goods and services produced by the economy. Income is measured before deduction of taxes on income.

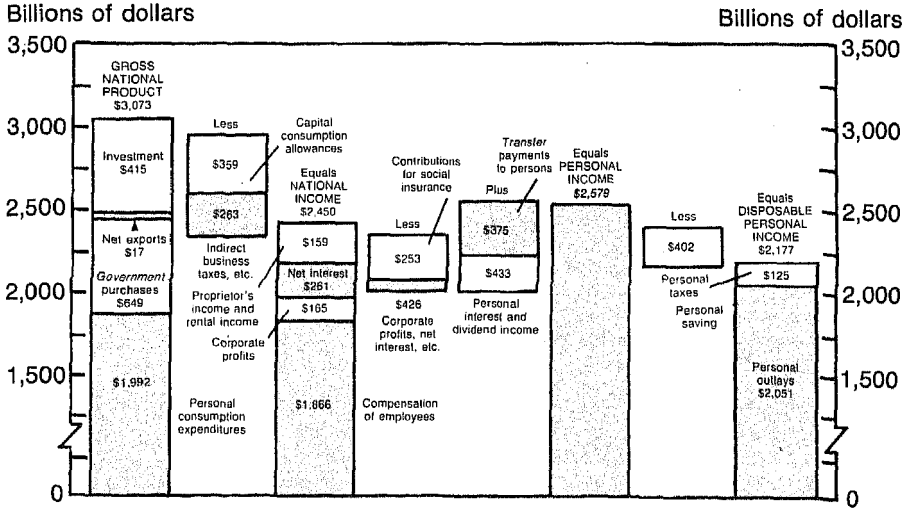
Capital consumption adjustment for corporations and nonfarm sole proprietorships and partnerships is the difference between capital consumption (i.e., depreciation charges and accidental damage to fixed business capital) claimed on income tax returns and capital consumption allowances that are measured at straightline depreciation, consistent service lives, and replacement cost. The tax return data are valued at historical costs and reflect changes over time in service lives and depreciation patterns as permitted by tax regulations. *Inventory valuation adjustment* represents the difference between the book value of inventories used up in production and the cost of replacing them.

Personal income is the current income received by persons from all sources minus their personal contributions for social insurance. Classified as "persons" are individuals (including owners of unincorporated firms), nonprofit institutions, private trust funds, and private noninsured welfare funds.

Personal income includes transfers (payments not resulting from current production) from government and business such as Social Security benefits, military pensions, etc., but excludes transfers among persons. Also included are certain nonmonetary types of income—chiefly, estimated net rental value to owner-occupants of their homes and the value of services furnished without payment by financial intermediaries and food and fuel produced and consumed on farms.

Disposable personal income is personal income less personal tax and nontax payments. It is the income available to persons for spending and saving. Personal tax and nontax payments are tax payments (net of refunds) by persons (except personal contributions for social insurance) that are not chargeable to business expense, and certain personal payments to general government that are treated like taxes. Personal taxes include income, estate and gift, and personal property taxes and motor vehicle licenses. Nontax payments include passport fees, fines and penalties, donations, and tuitions and fees paid to schools and hospitals operated mainly by government.

Figure 15.3
Major Measures of Production and Income: 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 737.

Distribution of money income to families and individuals.—Money income statistics are based on data collected in various field surveys of income conducted since 1936. Since 1947, the Bureau of the Census has collected the data on an annual basis and published them in *Current Population Reports,* series P-60. In each of the surveys, enumerators interview representative samples of the population with respect to income received during the previous year. Money income as defined by the Bureau of the Census differs from the BEA concept of "personal income."

Data on consumer income collected in the CPS by the Bureau of the Census cover money income received (exclusive of certain money receipts such as capital gains) before payments for personal income taxes, Social Security, union dues, Medicare deductions, etc. Therefore, money income does not reflect the fact that some families receive part of their income in the form of noncash benefits (see Section 13) such as food stamps, health benefits, and subsidized housing; that some farm families receive noncash benefits in the form of rent-free housing and goods produced and consumed on the farm; or that noncash benefits are also received by some nonfarm residents which often take the form of the use of business transportation and facilities, full or partial payments by business for retirement programs, medical and educational expenses, etc. These elements should be considered when comparing income levels. For data on noncash benefits, see Section 13. None of the aggregate income concepts (GNP, national income, or personal income) is exactly comparable with money income, although personal income is the closest.

Several changes were made in the collection and presentation of data from the March 1980 CPS. The changes include (1) the use of a more detailed income questionnaire for all sample households, (2) the use of an expanded sample, (3) the implementation of the "householder" concept rather than the traditional "head" concept, (4) the exclusion of a small number of "secondary families" from the count of all families, (5) the use of more detailed income intervals in the upper

range of the income distribution, (6) the introduction of the new farm definition, and (7) the restriction of the population with income to persons 15 years old and over. For more information on the impact and comparability, see the source.

Beginning in the March 1981 Current Population Survey, 1980 census population controls were used; for income years 1971 through 1979, 1970 census population controls had been used. This change had little impact on income summary measures (means and medians) and proportional measures (percent distributions and poverty rates), however, use of the controls may have significant impact on the absolute numbers. Selected tables in this section show 1979 on both bases.

Poverty.—Families and unrelated individuals are classified as being above or below the poverty level using the poverty index originated at the Social Security Administration in 1964 and revised by Federal Interagency Committees in 1969 and 1980. The poverty index is based solely on money income and does not reflect the fact that many low-income persons receive noncash benefits such as food stamps, medicaid, and public housing. The index is based on the Department of Agriculture's 1961 economy food plan and reflects the different consumption requirements of families based on their size and composition. The poverty thresholds are updated every year to reflect changes in the Consumer Price Index. The following technical changes to the thresholds were made in 1981: (1) distinctions based on sex of householder have been eliminated; (2) separate thresholds for farm families have been dropped; and (3) the matrix has been expanded to families of nine or more persons from the old cutoff of seven or more persons. These changes have been incorporated in the calculation of poverty data for 1981 and 1982. The table below shows the average thresholds used for selected years between 1970 and 1982. See *Current Population Report*, series P-60, No. 138, for more details.

WEIGHTED AVERAGE POVERTY LEVELS BASED ON MONEY INCOME FOR FAMILIES AND UNRELATED INDIVIDUALS: 1970 TO 1982

SIZE OF UNIT	1970 [1]	1975 [1]	1979 [1]	1980 [1]	1981	1982
1 person (unrelated individual)	$1,954	$2,724	$3,689	$4,190	$4,620	$4,901
Under 65 years	2,010	2,797	3,779	4,290	4,729	5,019
65 years and over	1,861	2,581	3,479	3,949	4,359	4,626
2 persons	2,525	3,506	4,725	5,363	5,917	6,281
Householder under 65 years	2,604	3,617	4,878	5,537	6,111	6,487
Householder 65 years and over	*2,348*	*3,257*	*4,390*	*4,983*	*5,498*	*5,836*
3 persons	3,099	4,293	5,784	6,565	7,250	7,693
4 persons	3,968	5,500	7,412	8,414	9,287	9,862
5 persons	4,680	6,499	8,775	9,966	11,007	11,684
6 persons	5,260	7,316	9,914	11,269	12,449	13,207
7 or more persons	6,468	9,022	12,280	13,955	(NA)	(NA)
7 persons	(NA)	(NA)	(NA)	(NA)	14,110	15,036
8 persons	(NA)	(NA)	(NA)	(NA)	15,655	16,719
9 or more persons	(NA)	(NA)	(NA)	(NA)	18,572	19,698

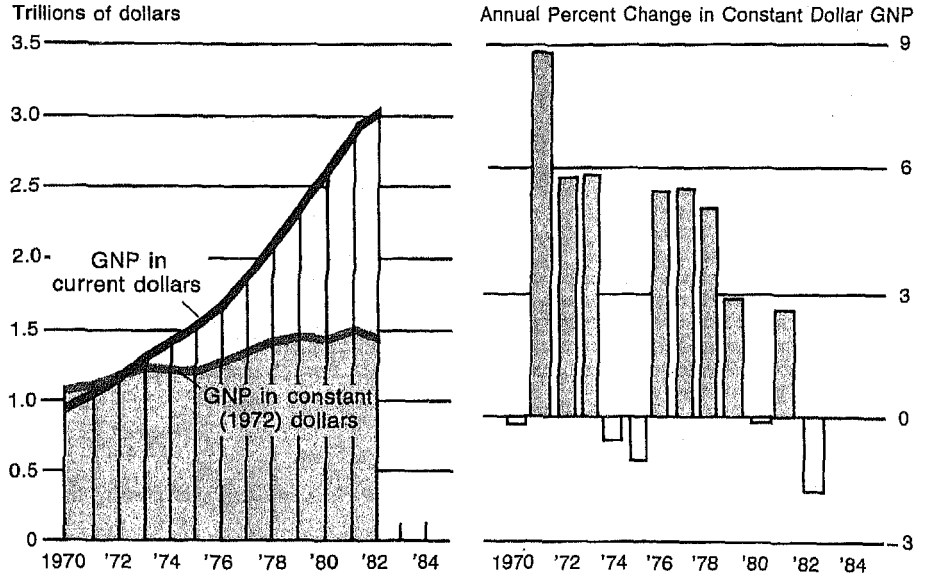
NA Not available. [1] Poverty levels for nonfarm families.

Personal wealth.—Personal wealth estimates, issued by the IRS, are based on a sample of Federal estate tax returns which must be filed for deceased persons. Estimates are weighted to adjust for age, sex, and "social class" (as determined by IRS through insurance holdings). Gross estate is the gross value of all assets, including the full face value of life insurance (reduced by policy loans), before reduction by the amount of debts. The level of gross estate or gross assets required for filing estate tax returns increased from $60,000 which defined top wealthholders in 1972, to $120,000 for 1976. Net worth is one's level of worth after all debts have been removed. At the time of publication, data for 1976 were the most recent available, though there were some 1981 estimates available for selected measures as reported in the summer 1983 *SOI Bulletin*.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

Figure 15.4
Gross National Product (GNP): 1970 to 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 735.

No. 734. Gross National Product—Summary: 1929 to 1982

[**In billions of dollars.** Prior to 1960, excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series F 1 and F 32–70, for single-year figures prior to revisions issued in 1981]

YEAR	Gross national product	Personal consumption expenditure	Gross private domestic investment	Net exports of goods and services	Govt. purchases, goods and services	BY MAJOR TYPE OF PRODUCT			BY SECTOR			
						Goods	Services	Structures	Business	Households and institutions	Government	Rest of the world
1929	103.4	77.3	16.2	1.1	8.8	56.1	35.9	11.4	95.4	2.9	4.3	.8
1930	90.7	69.9	10.2	1.0	9.5	47.0	34.5	9.2	82.8	2.7	4.5	.7
1933	55.8	45.8	1.4	.4	8.2	27.0	25.9	2.9	49.1	1.7	4.7	.3
1940	100.0	71.0	13.1	1.8	14.2	56.0	35.7	8.3	89.4	2.4	7.8	.4
1945	212.4	119.5	10.6	–.5	82.8	128.9	77.0	6.5	172.8	4.1	35.2	.4
1950	286.5	192.0	53.8	2.2	38.5	162.4	88.5	35.6	257.5	6.4	20.9	1.6
1955	400.0	253.7	68.4	3.0	75.0	214.5	136.1	49.5	354.0	9.1	34.2	2.8
1960	506.5	324.9	75.9	5.5	100.3	254.2	193.8	58.5	442.0	13.8	47.1	3.6
1965	691.1	430.4	113.5	8.8	138.4	338.4	273.3	79.3	598.4	19.2	67.6	5.9
1970	992.7	621.7	144.2	6.7	220.1	459.9	429.9	102.9	837.3	32.3	115.8	7.3
1971	1,077.6	672.2	166.4	4.1	234.9	485.3	472.0	120.3	907.1	35.4	126.0	9.2
1972	1,185.9	737.1	195.0	.7	253.1	529.6	519.0	137.3	998.6	38.6	137.8	10.9
1973	1,326.4	812.0	229.8	14.2	270.4	604.1	571.5	150.8	1,118.7	42.1	149.6	16.0
1974	1,434.2	888.1	228.7	13.4	304.1	646.7	636.1	151.4	1,206.4	45.8	162.2	19.8
1975	1,549.2	976.4	206.1	26.8	339.9	694.0	705.2	150.0	1,301.7	50.6	179.6	17.3
1976	1,718.0	1,084.3	257.9	13.8	362.1	771.1	779.3	167.6	1,447.3	55.6	194.6	20.5
1977	1,918.3	1,204.4	324.1	–4.0	393.8	855.0	867.2	196.1	1,624.0	60.5	210.3	23.5
1978	2,163.9	1,346.5	386.6	–1.1	431.9	958.6	972.2	233.1	1,837.2	67.8	229.3	29.6
1979	2,417.8	1,507.2	423.0	13.2	474.4	1,065.6	1,089.7	262.5	2,052.1	75.6	247.4	42.6
1980	2,631.7	1,668.1	401.9	23.9	537.8	1,140.6	1,225.2	265.9	2,228.1	85.3	273.0	45.3
1981	2,954.1	1,857.2	474.9	26.3	595.7	1,291.8	1,374.2	288.0	2,509.0	96.2	299.3	49.6
1982	3,073.0	1,991.9	414.5	17.4	649.2	1,208.9	1,511.1	281.0	2,594.6	107.0	324.1	47.3

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July 1983.

No. 735. GNP in Current and Constant (1972) Dollars: 1960 to 1982

[In billions of dollars, except as indicated. See *Historical Statistics, Colonial Times to 1970*, series F 1, F 5, and F 47–70 for single-year figures prior to revisions issued in 1981]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
CURRENT DOLLARS												
Gross national product (GNP)	507	691	993	1,434	1,549	1,718	1,918	2,164	2,418	2,632	2,954	3,073
Avg. annual percent change [1]	4.9	6.4	7.5	9.6	8.0	10.9	11.7	12.8	11.7	8.8	12.2	4.0
Implicit price deflator [2]	73.9	79.2	96.4	115.1	125.8	132.3	140.1	150.4	163.4	178.4	195.1	206.9
Personal consumption expenditure	325	430	622	888	976	1,084	1,204	1,346	1,507	1,668	1,857	1,992
Durable goods	43	63	85	122	132	157	178	200	213	215	236	244
Nondurable goods	151	189	266	373	407	442	479	528	600	669	734	761
Services	131	179	271	393	437	486	547	618	694	785	887	986
Gross private domestic investment	76	114	144	229	206	258	324	387	423	402	475	415
Fixed investment	73	104	141	215	213	246	301	360	409	412	456	439
Nonresidential	48	73	104	157	158	174	205	249	290	309	352	348
Residential	24	31	37	58	55	72	96	111	119	103	104	91
Change in business inventories	3	10	3	14	−7	12	23	26	14	−10	18	−25
Net exports	5	9	7	13	27	14	−4	−1	13	24	26	17
Exports, goods and services	29	41	66	146	155	171	183	219	281	339	369	348
Imports, goods and services	23	32	59	133	128	157	187	220	268	315	342	330
Government purchases [3]	100	138	220	304	340	362	394	432	474	538	596	649
Federal	54	67	96	111	123	129	143	154	168	197	229	259
National defense	44	49	74	77	83	86	93	100	112	131	154	179
State and local	47	71	124	193	217	233	250	278	306	341	366	390
Final sales [4]	504	681	990	1,420	1,556	1,706	1,895	2,137	2,403	2,641	2,936	3,098
CONSTANT (1972) DOLLARS												
Gross national product (GNP)	685	872	1,030	1,246	1,232	1,298	1,370	1,439	1,479	1,475	1,514	1,485
Avg. annual percent change [1]	2.8	5.0	3.4	4.9	−1.2	5.4	5.5	5.0	2.8	−.3	2.6	−1.9
Personal consumption expenditure	452	557	672	763	779	823	864	903	928	932	957	970
Durable goods	51	73	89	112	113	127	138	147	147	137	141	140
Nondurable goods	208	244	284	303	307	322	333	344	353	356	362	364
Services	192	241	299	348	359	375	393	412	427	439	453	466
Gross private domestic investment	105	152	159	195	155	185	214	237	236	209	228	195
Fixed investment	101	140	155	184	162	177	201	221	229	213	219	204
Nonresidential	67	97	114	136	119	126	140	158	170	166	174	166
Residential	34	43	41	48	42	51	61	62	59	47	45	38
Change in business inventories	4	12	4	12	−7	8	13	16	7	−4	8	−9
Net exports	1	5	3	28	32	25	22	24	37	50	43	29
Exports, goods and services	12	18	70	108	104	110	113	127	146	159	160	147
Imports, goods and services	12	14	66	81	71	85	91	103	109	109	117	118
Government purchases [3]	128	158	196	260	265	265	269	275	278	284	287	292
Federal	45	49	55	97	97	97	100	100	102	106	110	117
National defense	(NA)	(NA)	(NA)	67	66	65	65	66	67	70	74	79
State and local	82	109	140	164	168	168	169	174	176	178	176	175
Final sales [4]	682	861	1,026	1,235	1,238	1,290	1,356	1,423	1,472	1,479	1,505	1,495

NA Not available. [1] Change from prior year shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] 1972=100. [3] Purchases of goods and services. [4] GNP minus inventory change.

No. 736. GNP Components—Annual Growth Rates: 1960 to 1982

[Percent. Represents changes in constant 1972 dollar GNP. GNP = Gross national product. See headnote, table 740. Minus sign (−) indicates decline]

YEAR OR PERIOD	GNP	PERSONAL CONSUMPTION EXPENDITURE				GROSS PRIVATE DOMESTIC INVESTMENT			GOVERNMENT PURCHASES		Imports	Exports
		Total	Durable goods	Nondurable goods	Services	Total	Fixed investment		Federal	State and local		
							Residential	Nonresidential				
1960–1965	5.0	4.3	7.1	3.2	4.6	7.7	4.5	7.8	1.5	5.9	3.5	8.3
1965–1970	3.4	3.8	4.2	3.1	4.4	.9	−.9	3.2	2.5	5.1	36.8	30.4
1970–1971	4.0	3.7	10.2	1.7	3.6	9.7	31.0	−1.4	−4.8	4.2	4.3	.8
1971–1972	10.8	5.8	13.1	4.1	5.0	12.2	18.9	7.9	93.6	3.5	11.0	10.2
1972–1973	5.8	4.2	9.2	2.2	4.3	11.5	−2.4	14.1	−5.7	4.0	6.6	25.6
1973–1974	−.6	−.7	−7.4	−1.6	2.6	−10.1	−22.7	−1.7	.8	3.9	−1.3	11.5
1974–1975	−1.2	2.2	.3	1.6	3.3	−20.8	−12.4	−12.1	.8	2.6	−11.6	−4.6
1975–1976	5.4	5.6	12.3	4.7	4.3	19.2	21.3	5.2	−.7	.4	18.6	6.3
1976–1977	5.5	5.0	9.0	3.6	4.9	16.1	18.6	11.7	3.8	.2	7.3	2.6
1977–1978	5.0	4.5	6.4	3.3	4.8	10.5	2.8	12.9	−.1	3.3	13.0	12.2
1978–1979	2.8	2.7	.3	2.5	3.7	−.2	−5.2	7.3	1.8	1.1	6.1	15.4
1979–1980	−.3	.5	−6.6	.7	2.7	−11.8	−20.4	−2.4	4.2	1.0	−.2	6.9
1980–1981	2.6	2.7	2.7	1.9	3.3	9.1	−5.2	5.2	3.7	−1.0	7.3	.4
1981–1982	−1.9	1.4	−.9	.5	2.9	−14.5	−15.4	−4.7	5.6	−.5	1.4	−7.8

Source of tables 735 and 736: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July 1982 and July 1983.

No. 737. Relation of GNP, National Income, and Personal Income: 1960 to 1982

[**In billions of dollars.** For definitions, see pp. 445–447. See *Historical Statistics, Colonial Times to 1970,* series F 6–9 and F 144–162, for figures prior to revisions issued in 1981]

ITEM	1960	1965	1970	1975	1978	1979	1980	1981	1982
Gross national product	506.5	691.1	992.7	1,549.2	2,163.9	2,417.8	2,631.7	2,954.1	3,073.0
Less: Capital consumption allowances [1]	46.3	56.0	88.1	159.3	222.5	256.0	293.2	329.5	359.2
Equals: Net national product [2]	460.2	635.0	904.7	1,389.9	1,941.4	2,161.7	2,338.5	2,624.6	2,713.8
Plus: Subsidies [3]	.4	1.6	2.9	2.4	3.7	3.4	5.5	6.4	9.5
Less: Indirect business tax and nontax liability	45.4	62.6	94.3	140.1	178.2	189.6	213.4	250.0	258.3
Equals: National income	415.7	572.4	810.7	1,239.4	1,760.3	1,966.7	2,116.6	2,373.0	2,450.4
Less: Corporate profits [2 4]	47.6	80.0	71.4	110.5	192.4	194.8	175.4	192.3	164.8
Net interest	11.4	21.0	41.4	84.5	121.7	153.8	192.6	249.9	261.1
Contributions for social insurance	21.1	30.0	58.6	110.9	161.8	186.9	203.7	237.0	253.0
Plus: Government transfer payments to persons	27.0	37.6	76.1	170.9	214.6	240.0	285.9	324.3	360.4
Personal interest income	25.0	39.7	69.4	123.2	179.4	218.7	266.0	341.3	366.2
Personal dividend income	12.9	19.1	22.2	29.9	45.3	50.8	56.8	62.8	66.4
Business transfers	2.0	2.8	4.1	7.4	9.3	10.3	11.7	12.9	14.1
Equals: Personal income	402.3	540.7	811.1	1,265.0	1,732.7	1,951.2	2,165.3	2,435.0	2,578.6
Less: Personal tax and nontax payments	50.4	64.9	115.8	168.9	258.7	301.0	336.5	387.4	402.1
Equals: Disposable personal income	352.0	475.8	695.3	1,096.1	1,474.0	1,650.2	1,828.9	2,047.6	2,176.5
Less: Personal outlays	332.3	442.1	639.5	1,001.8	1,384.6	1,553.5	1,718.7	1,912.4	2,051.1
Equals: Personal saving	19.7	33.7	55.8	94.3	89.4	96.7	110.2	135.3	125.4

[1] With capital consumption adjustment. [2] Includes items not shown separately. [3] Less current surplus of government enterprises. [4] With inventory valuation and capital consumption adjustments.

No. 738. Gross National Product, by Industry: 1960 to 1982

[**In billions of dollars.** The current-dollar data differ from national income by industry (table 747) for two reasons: (1) Data include now-factor charges (capital consumption allowances and indirect business taxes, etc.) as well as factor charges against gross product; and (2) Corporate profits have been shifted from a company to an establishment basis. See *Historical Statistics, Colonial Times to 1970,* series F 130–143, for single-year figures prior to revisions issued in 1981]

INDUSTRY	CURRENT DOLLARS						CONSTANT (1972) DOLLARS					
	1960	1970	1975	1980	1981	1982	1960	1970	1975	1980	1981	1982
All industries, total	506.5	992.7	1,549.2	2,631.7	2,954.1	3,073.0	737.2	1,085.6	1,231.6	1,475.0	1,522.8	1,485.4
Agriculture, forestry, fisheries	21.4	28.6	53.3	76.8	90.6	84.3	32.1	34.4	37.1	39.9	45.6	44.2
Mining	12.6	17.6	38.8	96.0	126.5	116.1	13.5	18.9	18.9	21.6	22.5	21.6
Construction	23.2	48.9	69.9	119.8	124.6	122.4	46.1	53.4	48.3	52.2	50.5	47.7
Manufacturing	143.8	252.2	358.2	581.5	644.4	630.9	171.8	261.2	289.6	351.0	361.1	336.1
Durable	82.1	146.2	207.6	350.4	389.8	367.8	101.0	155.2	168.8	210.2	217.2	197.4
Nondurable	61.7	105.9	150.6	231.1	254.6	263.1	70.8	106.0	120.8	140.8	144.0	138.7
Transportation	22.5	38.7	55.6	98.5	106.1	106.0	30.3	42.7	46.2	52.2	50.0	46.8
Communication	10.5	23.8	40.0	67.0	77.4	85.6	12.1	26.1	36.2	52.7	56.3	57.2
Electric, gas, sanitary services	12.8	23.1	40.1	66.4	78.8	88.2	15.0	26.1	31.1	34.7	36.7	34.9
Trade	84.1	166.5	266.2	428.8	474.2	490.2	117.5	176.4	209.7	246.0	251.8	248.0
Wholesale	34.7	68.2	117.3	190.5	211.3	210.3	43.1	72.1	88.0	104.2	108.3	106.3
Retail	49.4	98.4	148.9	238.2	262.9	279.9	74.4	104.4	121.7	141.7	143.5	141.7
Finance, insurance, real estate	71.6	142.4	216.2	398.7	461.6	507.1	102.7	155.8	167.9	235.6	245.4	251.0
Services	49.2	114.4	186.2	342.6	387.6	431.1	83.5	126.7	148.5	189.1	198.7	203.5
Government [1]	53.4	130.5	202.0	308.1	337.5	363.4	107.7	152.9	164.3	177.5	177.9	177.6
Statistical discrepancy	−2.4	−1.5	5.5	2.3	−4.9	.5	−3.3	−1.7	4.4	1.3	−2.5	.2
Residual	(x)	(x)	(x)	(x)	(x)	(x)	3.1	4.7	−4.2	−4.6	−5.8	−6.5
Rest of the world	3.6	7.3	17.3	45.3	49.6	47.3	5.2	8.0	13.8	25.7	25.6	23.1

X Not applicable. [1] Includes government enterprises.

No. 739. Per Capita Income and Product for Selected Items: 1960 to 1982

[Based on Bureau of the Census estimated population including Armed Forces abroad; based on quarterly averages. See *Historical Statistics, Colonial Times to 1970,* series F 17–30, for single-year figures prior to minor revisions issued in 1981]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
CURRENT DOLLARS											
Gross national product	2,802	3,556	4,841	7,173	7,878	8,708	9,720	10,741	11,558	12,848	13,239
Personal income	2,226	2,782	3,955	5,857	6,379	6,993	7,783	8,668	9,510	10,591	11,109
Disposable personal income	1,947	2,448	3,390	5,075	5,477	5,965	6,621	7,331	8,032	8,906	9,377
Personal consumption expenditures	1,797	2,214	3,031	4,521	4,972	5,468	6,048	6,695	7,326	8,078	8,581
Durable goods	238	324	415	612	719	809	899	948	943	1,027	1,053
Nondurable goods	836	971	1,296	1,886	2,025	2,174	2,373	2,666	2,937	3,192	3,279
Services	723	920	1,320	2,023	2,227	2,485	2,776	3,082	3,445	3,859	4,250
CONSTANT (1972) DOLLARS											
Gross national product	3,790	4,488	5,021	5,702	5,953	6,218	6,462	6,572	6,478	6,584	6,399
Disposable personal income	2,709	3,171	3,665	4,051	4,158	4,280	4,441	4,512	4,487	4,587	4,567
Personal consumption expenditures	2,501	2,868	3,277	3,609	3,774	3,924	4,057	4,121	4,093	4,161	4,180
Durable goods	284	374	434	522	580	626	659	654	604	614	602
Nondurable goods	1,152	1,255	1,384	1,424	1,476	1,513	1,547	1,568	1,562	1,577	1,569
Services	1,064	1,239	1,459	1,664	1,718	1,784	1,851	1,898	1,927	1,971	2,008

Source of tables 737–739: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76,* and *Survey of Current Business,* July 1983.

No. 740. Annual Growth Rates of Real GNP: 1960 to 1982

[**Percent.** Figures represent average annual compounded rates of change in real gross national product, based on estimates by Dept. of Commerce of gross national product (expressed in constant 1972 dollars). Minus sign (−) denotes decline. To obtain annual rate of change between any 2 years shown, find column for initial year at top of table and read figure in that column opposite terminal year shown at left. See *Historical Statistics, Colonial Times to 1970*, series F 31, for single-year figures prior to revisions issued in 1981.]

TERMINAL YEAR	INITIAL YEAR																
	1960	1965	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
1961	2.2	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1966	5.1	5.7	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1968	4.7	4.2	4.7	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1969	4.6	4.1	4.2	3.7	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1970	4.2	3.4	3.0	2.1	.6	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1971	4.1	3.5	3.2	2.7	2.3	4.0	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1972	4.7	4.5	4.7	4.7	5.0	7.3	10.8	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1973	4.8	4.6	4.9	4.9	5.2	6.8	8.2	5.8	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1974	4.4	4.0	4.1	4.0	4.0	4.9	5.2	2.5	−.6	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1975	4.0	3.5	3.4	3.2	3.1	3.7	3.6	1.3	−.9	−1.2	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1976	4.1	3.7	3.6	3.5	3.5	3.9	3.9	2.3	1.2	2.1	5.4	(x)	(x)	(x)	(x)	(x)	(x)
1977	4.2	3.8	3.8	3.7	3.7	4.2	4.2	2.9	2.2	3.2	5.5	5.5	(x)	(x)	(x)	(x)	(x)
1978	4.2	3.9	3.9	3.8	3.9	4.3	4.3	3.3	2.8	3.7	5.3	5.3	5.0	(x)	(x)	(x)	(x)
1979	4.1	3.9	3.8	3.7	3.8	4.1	4.1	3.2	2.8	3.5	4.7	4.5	3.9	2.8	(x)	(x)	(x)
1980	3.9	3.6	3.5	3.4	3.4	3.7	3.6	2.8	2.3	2.9	3.7	3.2	2.5	1.3	−.3	(x)	(x)
1981	3.9	3.5	3.4	3.3	3.3	3.6	3.5	2.8	2.4	2.8	3.5	3.1	2.5	1.7	1.2	2.6	(x)
1982	3.6	3.2	3.1	3.0	2.9	3.1	3.0	2.3	1.9	2.2	2.7	2.3	1.6	.8	.1	.4	−1.9

X Not applicable.
Source: U.S. Bureau of Economic Analysis. Adapted from *Long Term Economic Growth, 1860–1970.*

No. 741. Annual Growth Rates of Gross Domestic Product—International Comparisons, Selected Periods: 1950 to 1981

[**In percent.** See headnote, table 740. See also *Historical Statistics, Colonial Times to 1970*, series F 10-16. Minus sign (−) indicates decline]

COUNTRY	1950–81	1950–60	1960–70	1970–81	1970–74	1973–74	1974–75	1975–76	1976–77	1977–78	1978–79	1979–80	1980–81
United States	3.3	3.2	3.9	2.9	3.3	−.7	−.7	4.9	5.2	4.7	2.4	−.3	2.3
Per capita	1.9	1.4	2.5	1.8	2.2	−1.6	−1.7	3.9	4.2	3.6	1.2	−1.4	1.3
Canada	4.6	4.6	5.2	4.0	6.0	3.5	1.1	5.8	2.4	3.9	3.2	.5	3.8
Per capita	2.7	1.9	3.4	2.8	4.7	2.0	−.4	4.4	1.3	3.0	2.3	−.6	2.7
France	4.4	4.6	5.6	3.3	5.0	3.2	.2	5.2	3.1	3.8	3.3	1.1	.2
Per capita	3.6	3.6	4.5	2.7	4.1	2.6	−.3	4.8	2.7	3.4	2.9	.7	−.3
Germany, F.R.	5.0	8.0	4.6	2.6	3.1	.7	−1.6	5.4	3.1	3.1	4.1	1.9	.2
Per capita	4.1	6.4	3.7	2.4	2.6	.5	−1.2	5.9	3.3	3.2	4.0	1.6	-
Italy	[1] 4.6	[1] 5.5	5.7	2.8	4.0	4.1	−3.6	5.9	1.9	2.7	4.9	3.9	−.2
Per capita	[1] 3.9	[1] 4.8	5.0	2.2	3.2	3.2	−4.4	5.2	1.4	2.2	4.5	3.7	−.4
Japan	[2] 7.6	[2] 8.0	10.6	4.7	5.2	−1.0	2.3	5.3	5.3	5.0	5.1	4.4	3.2
Per capita	[2] 6.5	[2] 6.9	9.5	3.5	3.6	−2.4	1.1	4.1	4.2	4.1	4.3	3.6	2.5
United Kingdom	2.3	2.8	2.8	1.5	2.8	−1.0	−.7	3.6	1.3	3.7	1.6	−2.0	−2.0
Per capita	2.0	2.4	2.3	1.4	2.6	−1.1	−.6	3.6	1.3	3.7	1.5	−2.0	−2.0

- Represents zero. [1] Initial year 1951. [2] Initial year 1952.

Source: U.S. Bureau of Economic Analysis. Adapted from *Long Term Economic Growth, 1860–1970*, using data from the Organization for Economic Cooperation and Development.

No. 742. Gross Domestic Product of Selected Countries as Percent of United States: 1960 to 1981

[Comparisons are based on constant (1975) dollar data converted to U.S. dollars using 1975 exchange rates. See text, p. 445]

COUNTRY	GROSS DOMESTIC PRODUCT								PER CAPITA GROSS DOMESTIC PRODUCT							
	1960	1965	1970	1975	1978	1979	1980	1981	1960	1965	1970	1975	1978	1979	1980	1981
United States	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Canada	8	9	9	11	10	10	11	11	84	86	91	101	98	99	100	102
France	17	18	20	22	21	22	22	21	69	73	83	90	90	91	93	92
Germany, F.R	26	26	28	27	26	27	27	27	83	86	93	95	95	98	101	100
Italy	10	11	13	12	12	12	13	12	38	40	48	48	47	48	51	50
Japan	16	20	29	32	33	34	35	35	30	39	58	63	63	65	68	69
United Kingdom	17	16	15	15	14	14	14	13	58	56	57	58	56	56	56	54

Source: U.S. Bureau of Economic Analysis. Adapted from *Long Term Economic Growth, 1860–1970*, using data from the Organization for Economic Cooperation and Development.

No. 743. Selected International Economic Indicators: 1970 to 1982

[Data cover gross national product (GNP) at market prices, except for France, Italy, and the United Kingdom, which relate to gross domestic product. Gross fixed capital formation covers private and government sectors except military. Savings data are calculated by deducting outlays—such as personal consumption expenditures, interest paid, and transfer payments to foreigners—from disposable personal income. Minus sign (−) indicates decline]

YEAR	United States	France	Germany, Fed. Rep.	Italy	Netherlands	United Kingdom	Japan	Canada
GNP growth rates [1] *(constant 1972 prices):*								
1970	−.2	5.7	5.0	5.3	6.4	2.2	9.9	2.5
1977	5.5	3.1	2.8	1.9	2.4	1.3	5.3	2.1
1978	5.0	3.8	3.5	2.7	2.4	3.3	5.1	3.6
1979	2.8	3.3	4.0	4.9	2.3	1.4	5.2	2.9
1980	.4	1.1	1.8	3.9	.9	−1.4	4.8	.5
1981	1.9	.2	−.2	.1	−1.1	−2.1	3.8	3.1
1982	−1.7	1.7	−1.2	−.3	(NA)	1.5	3.0	−4.8
Ratio of gross fixed capital formation to GNP (current prices):								
1970	17.4	23.3	25.5	23.1	25.6	18.3	35.6	21.0
1977	18.2	22.2	20.7	19.6	21.0	17.9	30.5	23.1
1978	19.3	21.4	20.7	18.7	21.3	18.0	30.8	22.7
1979	19.5	21.3	21.8	18.8	21.2	17.8	32.1	23.2
1980	18.3	21.5	22.8	19.7	21.0	17.7	32.0	23.6
1981	17.7	21.2	22.0	20.5	19.2	15.7	31.1	24.4
1982	16.7	20.8	20.4	19.0	(NA)	15.3	29.6	21.9
Ratio of savings to disposable personal income:								
1970	8.0	16.7	14.6	[2] 21.6	14.0	9.3	18.2	5.3
1977	5.9	16.6	13.6	22.5	12.0	10.8	21.0	9.7
1978	6.1	17.5	13.7	23.8	12.1	12.9	20.6	11.1
1979	5.9	15.9	14.4	25.3	11.6	14.5	18.7	11.1
1980	5.8	14.3	14.6	22.0	11.9	15.4	19.2	11.2
1981	6.4	14.8	15.3	25.7	13.1	13.5	19.8	12.4
1982	6.5	(NA)	14.7	(NA)	(NA)	11.8	(NA)	13.7

NA Not available. [1] Growth rates represent percentage change from preceding year. [2] Estimated.

Source: U.S. Dept. of Commerce, International Trade Administration, *International Economic Indicators*, quarterly.

No. 744. Personal Consumption Expenditures, by Major Type of Product in Current and Constant (1972) Dollars: 1960 to 1982

[**In billions of dollars.** Represents market value of goods and services purchased by individuals and nonprofit institutions, and value of food, clothing, housing, and financial services received by them as income in kind. See *Historical Statistics, Colonial Times to 1970*, series G 416–469, for single years prior to revisions issued in 1981]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Total, current dollars	**324.9**	**430.4**	**621.7**	**976.4**	**1,204.4**	**1,346.5**	**1,507.2**	**1,668.1**	**1,857.2**	**1,991.9**
Durable goods [1]	43.1	63.0	85.2	132.2	178.2	200.2	213.4	214.7	236.1	244.5
Motor vehicles and parts	19.7	30.0	36.2	55.8	84.8	95.7	96.6	90.7	101.6	109.9
Furniture and household equipment	17.7	24.7	35.2	53.5	65.7	72.8	81.8	86.3	93.3	93.5
Nondurable goods [1]	151.1	188.6	265.7	407.3	478.8	528.2	600.0	668.6	733.9	761.0
Food, beverages,[2] tobacco	88.0	107.0	149.7	228.5	266.4	293.9	330.8	365.8	398.9	421.9
Food, excl. alcoholic beverages	70.5	85.8	119.6	185.2	217.4	240.9	272.2	301.2	328.4	347.8
Alcoholic beverages	10.6	13.1	19.2	28.4	32.5	34.9	39.3	43.9	47.4	49.1
Tobacco products	6.9	8.1	10.8	14.8	16.6	18.0	19.3	20.6	23.0	25.0
Clothing, accessories, jewelry [1]	32.2	40.3	55.8	81.6	96.8	108.2	116.3	124.2	136.5	140.7
Clothing, accessories (except footwear)	22.2	28.1	39.0	58.8	69.5	77.6	82.7	87.1	95.8	98.6
Women's and children's	14.4	18.4	25.2	38.2	45.2	50.7	54.1	56.9	62.8	64.9
Men's and boys'	7.7	9.7	13.8	20.6	24.3	26.9	28.7	30.1	33.0	33.7
Shoes and other footwear	4.5	5.3	7.6	10.7	13.1	14.7	16.3	17.4	19.4	20.3
Jewelry and watches	1.9	2.6	3.9	6.4	7.8	8.8	9.5	11.1	12.2	12.2
Cleaning, storage, and repair of shoes and clothes	3.2	3.6	4.2	4.3	4.7	5.2	5.6	6.1	6.5	6.7
Gasoline and oil	12.0	14.7	22.4	40.4	48.1	51.2	66.6	84.8	94.6	91.5
Services [1]	130.7	178.7	270.8	437.0	547.4	618.0	693.7	784.5	887.1	986.4
Housing	48.1	65.5	93.9	149.8	185.9	209.6	236.0	266.2	302.0	334.1
Household operation	20.1	26.3	37.7	63.3	81.1	90.1	99.3	113.0	128.4	144.3
Transportation	10.7	13.7	22.0	33.2	46.4	51.2	56.3	61.1	65.5	68.4
Total, constant (1972) dollars	**452.0**	**557.5**	**672.1**	**779.4**	**864.3**	**903.2**	**927.6**	**931.8**	**956.8**	**970.2**
Durable goods [1]	51.4	72.6	89.1	112.7	138.0	146.8	147.2	137.5	141.2	139.8
Motor vehicles and parts	24.4	34.8	38.2	47.5	63.5	66.9	62.6	54.4	56.0	57.4
Furniture and household equipment	19.7	27.8	36.1	45.9	52.9	56.5	60.4	60.2	61.7	59.7
Nondurable goods	208.2	244.0	283.7	307.5	333.4	344.4	353.1	355.6	362.5	364.2
Gasoline and oil	14.2	16.8	22.9	25.6	27.7	28.3	27.4	25.1	25.2	25.6
Services [1]	192.4	240.9	299.3	359.3	393.0	412.0	427.3	438.8	453.1	466.2
Housing	64.0	81.6	102.0	128.3	141.3	148.5	154.8	159.6	166.7	171.3
Household operation	27.6	33.9	42.3	49.9	55.1	57.8	60.1	62.3	63.0	63.5
Transportation	17.0	19.9	25.2	29.6	32.7	34.0	35.0	33.2	32.3	31.7

[1] Includes items not shown separately. [2] Includes alcoholic and nonalcoholic beverages.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July 1983.

NO. 745. NATIONAL INCOME, BY TYPE OF INCOME: 1929 TO 1982

[**In billions of dollars.** Prior to 1960, excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series F 163-185, for single-year figures prior to revisions issued in 1981]

TYPE OF INCOME	1929	1930	1933	1935	1940	1945	1947	1950	1955
National income	**84.8**	**73.8**	**39.9**	**56.4**	**79.7**	**180.7**	**194.9**	**237.6**	**330.5**
Compensation of employees	51.1	46.8	29.5	37.3	52.1	123.1	129.2	154.8	224.9
Proprietors' income [1]	15.0	11.9	5.9	10.7	13.0	31.8	35.9	38.7	42.9
Rental income of persons [2]	4.9	4.4	2.2	1.8	2.7	4.6	5.3	7.1	11.3
Corporate profits [1]	9.0	5.8	−1.7	2.5	8.6	19.0	22.3	33.9	45.5
Net interest	4.7	4.9	4.1	4.1	3.3	2.2	2.3	3.0	5.9

	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
National income	**415.7**	**572.4**	**810.7**	**1,239.4**	**1,550.5**	**1,760.3**	**1,966.7**	**2,116.6**	**2,373.0**	**2,450.4**
Compensation of employees	**294.9**	**396.5**	**612.0**	**931.4**	**1,152.1**	**1,301.1**	**1,458.1**	**1,599.6**	**1,769.2**	**1,865.7**
Wages and salaries	271.9	362.0	548.7	806.4	983.2	1,106.5	1,237.4	1,356.6	1,493.2	1,568.1
Private	222.8	292.1	431.6	630.3	780.6	885.8	1,001.4	1,096.4	1,208.8	1,262.1
Government and Government enterprises	49.2	69.9	117.1	176.1	202.4	219.7	236.0	260.3	284.5	306.0
Supplements to wages, salaries	23.0	34.5	63.2	125.0	168.9	194.6	220.7	243.0	276.0	297.6
Employer contributions for social insurance	11.8	16.7	30.7	60.5	79.5	92.1	105.8	115.0	132.5	140.9
Other labor income	11.2	17.8	32.5	64.5	89.4	102.5	114.9	128.0	143.5	156.6
Proprietors' income [1]	**47.2**	**56.9**	**66.2**	**90.0**	**103.9**	**118.5**	**132.1**	**117.4**	**120.2**	**109.0**
Farm	11.7	13.1	14.3	24.6	19.1	26.3	31.9	21.8	30.5	21.5
Nonfarm	35.5	43.8	51.9	65.4	84.8	92.2	100.2	95.6	89.7	87.4
Rental income of persons [2]	**14.5**	**18.0**	**19.7**	**23.0**	**24.8**	**26.6**	**27.9**	**31.5**	**41.4**	**49.9**
Corporate profits [1]	**47.6**	**80.0**	**71.4**	**110.5**	**167.3**	**192.4**	**194.8**	**175.4**	**192.3**	**164.8**
Profits before tax	49.8	77.2	75.4	132.1	194.7	229.1	252.7	234.6	227.0	174.2
Profits tax liability	22.7	30.9	34.2	50.6	72.7	83.2	87.6	84.8	82.8	50.2
Profits after tax	27.1	46.3	41.3	81.5	122.0	145.9	165.1	149.8	144.1	115.1
Dividends	12.9	19.1	22.5	30.8	40.8	47.0	52.7	58.6	64.7	66.7
Undistributed profits	14.3	27.2	18.8	50.7	81.2	98.9	112.4	91.2	79.5	46.4
Inventory valuation adjust.	−.2	−1.2	−6.6	−11.6	−16.2	−24.0	−43.1	−42.9	−23.6	−8.4
Capital consumption adjustment	−2.0	4.0	2.5	−10.1	−11.3	−12.7	−14.8	−16.3	−11.0	−1.1
Net interest	**11.4**	**21.0**	**41.4**	**84.5**	**102.5**	**121.7**	**153.8**	**192.6**	**249.9**	**261.1**

[1] With inventory valuation and capital consumption adjustments. [2] With capital consumption adjustment.

NO. 746. NATIONAL INCOME, BY SECTOR: 1960 TO 1982

[**In billions of dollars.** See *Historical Statistics, Colonial Times to 1970*, series F 192-209, for single-year figures prior to revisions issued in 1981]

SECTOR	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
National income	**415.7**	**572.4**	**810.7**	**1,239.4**	**1,550.5**	**1,760.3**	**1,966.7**	**2,116.6**	**2,373.0**	**2,450.4**
Originating in business	**351.1**	**479.8**	**655.3**	**991.8**	**1,256.2**	**1,433.6**	**1,601.1**	**1,713.1**	**1,927.9**	**1,972.0**
Corporate business	235.2	336.5	476.5	736.4	953.1	1,089.3	1,210.9	1,303.1	1,466.9	1,487.5
Compensation of employees	190.8	259.7	400.8	617.4	783.0	894.9	1,015.2	1,111.9	1,230.2	1,282.2
Corporate profits [1]	44.6	75.5	64.9	97.5	152.1	172.7	164.2	145.5	168.7	143.0
Net interest	−.3	1.2	10.8	21.5	18.0	21.7	31.5	45.7	68.1	62.3
Sole proprietors, partnerships	84.2	99.2	118.5	160.7	188.8	214.6	242.2	239.2	260.9	260.3
Compensation of employees	36.2	40.0	46.8	57.9	68.2	76.1	83.4	88.4	97.6	103.7
Proprietors' income [1]	46.8	56.5	65.8	89.0	102.6	117.1	130.4	115.6	118.1	106.8
Net interest	1.2	2.7	6.0	13.9	18.0	21.4	28.4	35.1	45.1	49.8
Other private business [2]	26.1	36.4	47.2	73.3	89.7	102.8	118.3	137.3	162.7	184.8
Compensation of employees	1.5	2.2	3.1	4.5	5.5	6.1	6.9	7.7	8.5	9.3
Rental income of persons [3]	14.5	18.0	19.7	23.0	24.8	26.6	27.9	31.5	41.4	49.9
Proprietors' income [1]	.4	.5	.5	1.1	1.3	1.5	1.6	1.8	2.0	2.2
Net interest	9.8	15.7	23.9	44.7	58.2	68.6	81.9	96.3	110.8	123.4
Government enterprises [4]	5.6	7.8	13.0	21.4	24.6	26.9	29.6	33.4	37.5	39.4
Originating in—										
Government [4]	**47.1**	**67.6**	**115.8**	**179.6**	**210.3**	**229.3**	**247.4**	**273.0**	**299.3**	**324.1**
Households and institutions [5]	**13.8**	**19.2**	**32.3**	**50.6**	**60.5**	**67.8**	**75.6**	**85.3**	**96.2**	**107.0**
Rest of the world	**3.6**	**5.9**	**7.3**	**17.3**	**23.5**	**29.6**	**42.6**	**45.3**	**49.6**	**47.3**

[1] With inventory valuation and capital consumption adjustments. [2] Consists of all business activities reported on the individual income tax return in Schedule E—Supplemental Income Schedule; tax-exempt cooperatives; *and owner-occupied nonfarm* dwellings and buildings and equipment owned and used by nonprofit institutions serving individuals, which are considered to be business activities selling their current services to their owners. [3] With capital consumption adjustment. [4] Compensation of employees. [5] Compensation of employees in private households; nonprofit social and athletic clubs; labor organizations; nonprofit schools and hospitals; religious, charitable, and welfare organizations; and all other nonprofit organizations serving individuals.

Source of tables 745 and 746: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July 1983.

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NO. 747. NATIONAL INCOME WITHOUT CAPITAL CONSUMPTION ADJUSTMENTS, BY INDUSTRIAL ORIGIN: 1960 TO 1982

[**In billions of dollars, except percent.** Represents net value added to production by industry, measured at factor costs. See *Historical Statistics, Colonial Times to 1970*, series F 226-237, for single-year figures prior to revisions issued in 1981]

INDUSTRY	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
National income	420.8	571.1	814.8	1,267.4	1,586.0	1,802.0	2,015.8	2,174.0	2,426.5	2,492.4
Agriculture, forestry, fisheries	17.7	20.7	24.9	44.0	44.1	55.3	65.8	61.4	74.8	68.4
Farms	16.7	19.1	22.5	40.3	39.0	49.4	59.3	54.1	67.1	60.3
Mining	5.6	6.1	8.0	18.6	22.8	24.2	30.1	38.5	42.8	39.8
Construction	21.4	30.5	44.8	62.4	77.9	92.1	104.3	107.2	111.0	106.7
Manufacturing	125.1	171.3	215.1	317.7	413.2	464.7	508.9	526.5	580.2	548.9
Durable goods	73.2	105.4	127.4	185.6	249.7	285.7	310.6	312.0	345.4	316.7
Lumber and wood products	3.5	4.9	6.1	8.4	13.3	15.8	17.0	15.1	14.3	12.6
Furniture and fixtures	2.0	2.8	3.5	4.6	6.2	7.3	7.7	7.9	8.6	8.4
Stone, clay, and glass products	4.6	5.7	6.9	10.0	13.4	15.7	17.1	16.4	17.0	14.9
Primary metal products	10.5	13.9	15.2	24.3	28.5	34.4	38.4	37.6	41.7	26.9
Fabricated metal products	8.8	12.6	16.4	24.5	31.5	35.8	39.9	40.6	43.9	40.8
Machinery, except electrical	11.9	18.4	24.7	37.2	49.0	56.1	63.8	68.4	76.8	69.9
Electrical, electronic equipment	10.5	14.7	19.8	26.7	35.9	41.5	45.0	49.9	55.2	55.4
Transportation equipment [1]	7.4	10.4	12.6	16.0	19.6	22.8	26.3	23.0	31.9	33.6
Motor vehicles and equipment	8.4	14.5	12.0	19.2	33.3	35.1	32.4	21.9	26.3	23.9
Instruments, related products	3.4	4.6	6.3	9.2	12.2	14.0	15.3	17.4	20.1	21.2
Miscellaneous industries	2.3	2.9	3.8	5.5	6.9	7.3	7.6	7.8	9.6	9.1
Nondurable goods	51.9	65.9	87.7	132.1	163.4	179.0	198.3	214.6	234.8	232.2
Food and kindred products	12.2	14.5	19.3	30.7	33.5	35.4	38.1	41.3	47.1	47.2
Tobacco manufactures	1.1	1.1	1.7	2.3	2.9	3.4	3.8	4.1	4.8	4.9
Textile mill products	4.5	5.9	7.5	8.9	12.3	12.8	13.7	13.4	14.3	13.5
Apparel and other textile products	4.9	6.6	8.7	10.9	13.7	14.8	15.3	16.1	17.2	17.1
Paper and allied products	4.7	6.0	8.2	11.8	15.5	17.2	19.3	19.6	21.3	20.4
Printing and publishing	6.7	8.7	11.9	16.8	21.2	23.7	26.0	28.1	30.6	32.5
Chemicals and allied products	8.9	12.2	15.7	24.8	30.8	33.4	35.5	37.0	41.6	41.4
Petroleum and coal products	4.4	4.9	6.5	14.8	18.5	21.3	28.3	36.3	36.2	33.7
Rubber and misc. plastics products	2.9	4.2	6.0	8.7	12.3	13.9	15.1	14.9	17.6	17.2
Leather and leather products	1.6	1.9	2.2	2.4	2.9	3.2	3.3	3.8	4.1	4.2
Transportation [2]	18.1	23.1	30.6	45.7	60.3	68.5	75.7	80.4	85.8	83.0
Railroad transportation	6.7	7.0	7.7	10.2	13.1	14.3	15.9	17.4	18.9	17.4
Local and interurban passenger	1.6	1.9	2.3	2.9	3.4	3.5	3.8	4.3	4.4	4.5
Trucking and warehousing	5.9	8.4	11.9	19.1	25.2	29.2	32.0	33.0	35.3	34.0
Water transportation	1.6	2.0	2.5	3.4	4.2	4.7	5.4	5.9	6.3	5.9
Air transportation	1.4	2.6	4.4	7.2	10.3	11.9	12.5	13.3	14.1	14.0
Communications	8.2	11.5	17.6	26.8	34.5	39.9	43.4	48.2	55.2	60.2
Telephone and telegraph	7.3	10.3	15.9	24.0	30.3	35.2	38.3	42.8	49.3	53.7
Electric, gas, sanitary services	8.9	11.4	14.7	24.8	31.3	35.0	35.8	42.7	51.2	56.7
Wholesale and retail trade	64.6	84.9	123.5	195.3	238.8	267.4	296.6	316.6	351.9	362.2
Wholesale trade	24.7	32.1	46.9	81.1	97.8	109.8	126.3	137.6	154.0	152.4
Retail trade	40.0	52.8	76.6	114.2	140.9	157.6	170.3	179.1	197.9	209.7
Finance, insurance, real estate [2]	50.0	66.2	95.3	145.2	192.7	228.4	261.6	290.9	338.4	369.8
Banking	7.3	8.9	16.5	21.8	25.9	32.1	39.6	45.1	58.2	58.5
Insurance carriers	4.8	5.9	9.3	12.8	22.4	26.3	27.0	29.3	30.7	30.3
Insurance agents, brokers, etc	2.1	3.0	4.2	6.7	9.6	10.5	11.2	12.3	13.3	14.5
Real estate	33.7	45.4	61.2	98.1	128.2	149.5	172.7	195.8	224.1	245.2
Services [2]	44.7	64.3	104.1	168.7	212.1	240.7	274.0	310.0	348.8	386.0
Hotels and other lodging places	2.0	2.8	4.5	7.0	8.9	10.9	12.6	13.8	15.3	16.2
Personal services	4.6	6.0	7.6	8.6	10.4	11.6	12.5	13.3	14.0	15.0
Business services	5.4	8.9	15.0	24.0	32.8	38.5	46.5	53.0	60.5	66.4
Health services	10.7	15.8	29.4	54.1	68.0	76.0	86.1	99.6	114.3	130.2
Legal services	2.7	4.2	6.7	11.5	14.4	16.1	18.4	21.3	23.7	27.5
Educational services, Social services	2.2	3.7	7.0	11.0, 4.8	11.7, 6.0	12.7, 7.2	14.0, 8.3	15.4, 9.5	17.1, 10.5	18.4, 11.0
Membership organizations	4.5	6.4	10.0	10.8	12.1	13.2	14.1	15.5	16.5	18.0
Private households	3.8	4.0	4.5	4.6	5.9	6.2	6.5	6.6	7.0	7.6
Government and govt. enterprises	52.7	75.4	128.9	201.0	234.9	256.2	277.1	306.3	336.7	363.5
Federal	25.3	33.3	53.2	71.9	81.2	87.8	93.3	102.8	115.3	124.3
State and local	27.4	42.1	75.7	129.1	153.8	168.4	183.8	203.6	221.5	239.2
Rest of the world	3.6	5.9	7.3	17.3	23.5	29.6	42.6	45.3	49.6	47.3
National income, percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agriculture, forestry, fisheries	4.2	3.6	3.1	3.5	2.8	3.1	3.3	2.8	3.1	2.7
Mining and construction	6.4	6.4	6.5	6.4	6.3	6.5	6.7	6.7	6.3	5.9
Manufacturing	29.7	30.0	26.4	25.1	26.1	25.8	25.2	24.2	23.9	22.0
Transportation	4.3	4.0	3.8	3.6	3.8	3.8	3.8	3.7	3.5	3.3
Communications and utilities	4.1	4.0	4.0	4.1	4.1	4.2	3.9	4.2	4.4	4.7
Wholesale and retail trade	15.4	14.9	15.2	15.4	15.1	14.8	14.7	14.6	14.5	14.5
Finance, insurance, real estate	11.9	11.6	11.7	11.5	12.2	12.7	13.0	13.4	13.9	14.8
Services	10.6	11.3	12.8	13.3	13.4	13.4	13.6	14.3	14.4	15.5
Government and govt. enterprises	12.5	13.2	15.8	15.9	14.8	14.2	13.7	14.1	13.9	14.6
Rest of the world	.9	1.0	.9	1.4	1.5	1.6	2.1	2.1	2.0	1.9

[1] Excludes motor vehicles and equipment. [2] Includes items not shown separately.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July 1982 and July 1983.

NO. 748. PERCENT DISTRIBUTION AND AVERAGE ANNUAL PERCENT CHANGE OF SHARES OF NATIONAL INCOME, BY TYPE: 1960 TO 1982

[For definition of average annual percent change, see Guide to Tabular Presentation. See also headnote, table 745.]

TYPE OF INCOME	PERCENT DISTRIBUTION						AVG. ANNUAL PERCENT CHANGE				
	1960	1970	1975	1980	1981	1982	1960–1970	1970–1975	1975–1980	1980–1981	1981–1982
National income, total	100.0	100.0	100.0	100.0	100.0	100.0	6.9	8.9	11.3	12.1	3.3
Compensation of employees	71.0	75.5	75.2	75.6	74.6	76.1	7.6	8.8	11.4	10.6	5.5
Wages and salaries	65.4	67.7	65.1	64.1	62.9	64.0	7.3	8.0	11.0	10.0	5.0
Supplements to wages, salaries	5.5	7.8	10.1	11.5	11.6	12.1	10.6	14.6	14.2	14.0	7.8
Proprietors' income [1]	11.4	8.2	7.3	5.5	5.1	4.4	3.4	6.3	5.5	2.3	−9.3
Farm	2.8	1.8	2.0	1.0	1.3	.9	2.0	11.4	−2.4	39.7	−29.3
Nonfarm	8.5	6.4	5.3	4.5	3.8	3.6	3.9	4.7	7.9	−6.2	−2.5
Rental income of persons [2]	3.5	2.4	1.9	1.5	1.7	2.0	3.1	3.2	6.5	31.3	20.5
Corporate profits [1]	11.5	8.8	8.9	8.3	8.1	6.7	4.1	9.1	9.7	9.6	−14.3
Profits before tax	12.0	9.3	10.7	11.1	9.6	7.1	4.2	11.9	12.2	−3.3	−23.2
Profits after tax	6.5	5.1	6.6	7.1	6.1	4.7	4.3	14.6	13.0	−3.8	−20.2
Inventory valuation adjustment	(−Z)	−.8	−.9	−2.0	−1.0	−.3	(X)	(X)	(X)	(X)	(X)
Capital consumption adjustment	−.5	.3	−.8	−.8	−.5	(Z)	(X)	(X)	(X)	(X)	(X)
Net interest	2.8	5.1	6.8	9.1	10.5	10.6	13.8	15.3	17.9	29.7	4.5

X Not applicable. *Z Less than .05.* [1] See footnote 1 table 745. [2] See footnote 2 table 745.

Source: Compiled by U.S. Bureau of the Census; based on data from U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76,* and *Survey of Current Business,* July 1983.

NO. 749. PERSONAL INCOME AND ITS DISPOSITION: 1960 TO 1982

[**In billions of dollars, except percent.** For definition of personal income, see text, pp. 445 and 446. See *Historical Statistics, Colonial Times to 1970,* series F 262–286, for single-year figures prior to minor revisions issued in 1981]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Personal income	402	541	811	1,265	1,391	1,540	1,733	1,951	2,165	2,435	2,579
Wage and salary disbursements	272	362	549	806	890	983	1,106	1,238	1,357	1,493	1,568
Commodity-producing industry [1]	113	146	203	275	307	344	389	438	468	510	509
Manufacturing	90	116	158	211	237	266	299	334	355	385	384
Distributive industries [2]	68	87	130	196	217	239	271	303	331	362	379
Service industries [3]	41	59	98	160	177	198	227	260	298	338	374
Government and govt. enterprises	49	70	117	176	189	202	220	236	260	284	306
Other labor income	11	18	33	65	76	89	103	115	128	144	157
Proprietors' income [4]	47	57	66	90	94	104	119	132	117	120	109
Rental income of persons [5]	14	18	20	23	24	25	27	28	32	41	50
Personal dividend income	13	19	22	30	37	40	45	51	57	63	66
Personal interest income	25	40	69	123	133	153	179	219	266	341	366
Transfer payments	29	40	80	178	194	208	224	250	298	337	375
Old-age, survivors, disability, and health insurance benefits	11	18	38	81	93	105	116	132	154	182	205
Other	18	22	42	97	101	103	108	118	143	155	170
Less: Personal contributions for social insurance	9	13	28	50	55	61	70	81	89	105	112
Less: Personal tax and nontax payments	50	65	116	169	197	226	259	301	336	387	402
Federal income tax	42	51	89	121	142	163	189	225	251	291	297
Equals: *Disposable personal income*	352	476	695	1,096	1,194	1,314	1,474	1,650	1,829	2,048	2,177
Less: Personal outlays [6]	332	442	640	1,002	1,112	1,236	1,385	1,553	1,719	1,912	2,051
Personal consumption expenditures	325	430	622	976	1,084	1,204	1,346	1,507	1,668	1,857	1,992
Interest paid by consumers	7	11	17	24	27	31	37	45	50	54	58
Equals: Personal saving	20	34	56	94	82	78	89	97	110	135	125
Percent of disposable personal income	5.6	7.1	8.0	8.6	6.9	5.9	6.1	5.9	6.0	6.6	5.8
Real disposable personal income [7]	490	616	752	875	907	943	989	1,016	1,022	1,055	1,060
Annual percent change [8]	2.1	4.7	4.1	3.1	3.7	4.0	4.9	2.7	.6	3.2	.5
PERCENT DISTRIBUTION											
Personal income	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Wage and salary disbursements	67.7	66.9	67.7	63.7	64.0	64.0	63.8	63.5	62.7	61.3	60.8
Other labor income	2.8	3.3	4.0	5.1	5.5	5.8	5.9	5.9	5.9	5.9	6.1
Proprietors' income [4]	11.7	10.5	8.2	7.1	6.8	6.7	6.8	6.8	5.4	4.9	4.2
Rental income of persons [5]	3.6	3.3	2.4	1.8	1.7	1.6	1.5	1.4	1.5	1.7	1.9
Personal dividend income	3.2	3.5	2.7	2.4	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Personal interest income	6.2	7.4	8.5	9.7	9.5	9.9	10.3	11.2	12.3	14.0	14.2
Transfer payments [6]	7.2	7.5	9.9	14.1	13.9	13.5	12.9	12.8	13.7	13.8	14.5
Personal social insurance contributions	−2.2	−2.4	−3.5	−4.0	−4.0	−4.0	−4.0	−4.2	−4.1	−4.3	−4.3

[1] Comprises agriculture, forestry, fisheries, mining, construction, and manufacturing. [2] Comprises transportation; communication; electric, gas, and sanitary services; and trade. [3] Comprises finance, insurance, and real estate; services; and rest of the world. [4] With capital consumption and inventory valuation adjustments. [5] With capital consumption adjustment. [6] Includes *personal transfer payments to foreigners.* [7] 1972 prices. [8] Represents average for period of intervals shown here; for 1960, change from 1959. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76,* and *Survey of Current Business,* July 1982 and July 1983.

NO. 750. PERSONAL INCOME IN CURRENT AND CONSTANT (1972) DOLLARS—STATES: 1970 TO 1982

[1982 preliminary. Represents a measure of income received from all sources during the calendar year by the residents of each State. Data exclude Federal employees overseas and, for 1980, U.S. residents employed by private U.S. firms on temporary foreign assignment. Totals may differ from those in tables 737 and 749. See text, pp. 445 and 446. For composition of regions, see fig. I, inside front cover. See *Historical Statistics, Colonial Times to 1970*, series F 297-348, for single-year figures prior to revisions issued in 1981]

REGION, DIVISION, AND STATE	CURRENT DOLLARS (bil. dol.)				CONSTANT (1972) DOLLARS								
					Total (bil. dol.)				Percent change		Percent of U.S.		
	1970	1980	1981	1982	1970	1980	1981	1982	1970-1980	1980-1982	1970	1980	1982
U.S	**803.9**	**2,158.7**	**2,426.9**	**2,571.6**	**869.1**	**1,204.6**	**1,247.8**	**1,248.3**	**38.6**	**3.6**	**100.0**	**100.0**	**100.0**
Regions:													
Northeast	217.4	496.8	554.9	593.7	235.0	277.2	285.3	286.2	18.0	4.0	27.0	23.0	23.1
No. Central	225.8	564.8	623.8	646.8	244.1	315.2	320.7	314.0	29.1	−.4	28.1	26.2	25.3
South	213.7	652.5	747.5	799.3	231.0	364.1	384.3	388.0	57.6	6.6	26.6	30.2	31.1
West	*147.1*	*444.6*	*500.7*	*531.8*	*159.0*	*248.1*	*257.4*	*258.2*	*56.0*	*4.1*	*18.3*	*20.6*	*20.7*
N.E	**51.1**	**123.5**	**138.5**	**148.9**	**55.3**	**68.9**	**71.2**	**72.3**	**24.6**	**4.9**	**6.4**	**5.7**	**5.8**
Maine	3.3	8.6	9.6	10.2	3.6	4.8	4.9	5.0	35.5	3.2	.4	.4	.4
N.H	2.8	8.3	9.4	10.2	3.0	4.6	4.8	5.0	53.1	6.7	.3	.4	.4
Vt	1.6	4.0	4.6	4.9	1.7	2.2	2.4	2.4	31.4	6.4	.2	.2	.2
Mass	24.8	57.9	64.9	69.9	26.8	32.3	33.4	33.9	20.6	4.9	3.1	2.7	2.7
R.I	3.7	8.7	9.7	10.3	4.0	4.9	5.0	5.0	20.4	2.7	.5	.4	.4
Conn	14.9	35.9	40.3	43.4	16.1	20.0	20.7	21.0	24.2	5.0	1.9	1.7	1.7
M.A	**166.2**	**373.2**	**416.4**	**444.8**	**179.7**	**208.3**	**214.1**	**215.9**	**15.9**	**3.6**	**20.7**	**17.3**	**17.3**
N.Y	*85.8*	*180.7*	*201.9*	*217.5*	*92.7*	*100.8*	*103.8*	*105.6*	*8.7*	*4.7*	*10.7*	*8.4*	*8.5*
N.J	34.1	81.0	90.8	97.4	36.8	45.2	46.7	47.3	22.7	4.6	4.2	3.8	3.8
Pa	46.4	111.5	123.8	130.0	50.2	62.2	63.6	63.1	24.1	1.4	5.8	5.2	5.1
E.N.C	**164.7**	**405.9**	**443.6**	**459.7**	**178.1**	**226.5**	**228.1**	**223.2**	**27.2**	**−1.5**	**20.5**	**18.8**	**17.9**
Ohio	*42.4*	101.8	110.9	115.2	45.8	56.8	57.0	55.9	24.1	−1.6	5.3	4.7	4.5
Ind	19.4	48.8	53.5	54.8	21.0	27.2	27.5	26.6	29.7	−2.3	2.4	2.3	2.1
Ill	50.2	119.7	132.9	138.5	54.3	66.8	68.3	67.2	23.0	.7	6.2	5.5	5.4
Mich	36.0	91.4	97.9	99.8	38.9	51.0	50.3	48.4	31.1	−5.0	4.5	4.2	3.9
Wis	16.7	44.2	48.6	51.3	18.1	24.7	24.9	24.9	36.6	1.1	2.1	2.0	2.0
W.N.C	**61.1**	**158.6**	**180.2**	**187.1**	**66.0**	**88.6**	**92.6**	**90.8**	**34.2**	**2.5**	**7.6**	**7.4**	**7.3**
Minn	14.9	39.6	43.9	46.2	16.1	22.1	22.6	22.4	37.5	1.6	1.8	1.8	1.8
Iowa	10.7	27.2	31.3	31.3	11.6	15.2	16.1	15.2	30.9	.3	1.3	1.3	1.2
Mo	17.4	42.9	48.2	50.3	18.8	24.0	24.8	24.4	27.7	2.0	2.2	2.0	2.0
N. Dak	2.0	5.7	7.2	7.3	2.2	3.2	3.7	3.5	48.6	10.7	.2	.3	.3
S. Dak	2.1	5.5	6.4	6.7	2.3	3.1	3.3	3.2	36.6	4.9	.3	.3	.3
Nebr	5.6	14.4	16.3	16.9	6.0	8.0	8.4	8.2	32.9	2.6	.7	.7	.7
Kans	8.5	23.5	26.8	28.3	9.2	13.1	13.8	13.8	43.1	4.7	1.1	1.1	1.1
S.A	**111.0**	**326.3**	**370.5**	**396.5**	**120.0**	**182.1**	**190.5**	**192.5**	**51.8**	**5.7**	**13.8**	**15.1**	**15.4**
Del	*2.5*	*6.0*	6.6	7.1	2.7	3.3	3.4	3.4	24.9	2.4	.3	.3	.3
Md	17.0	43.9	49.1	52.2	18.4	24.5	25.2	25.3	33.1	3.5	2.1	2.0	2.0
D.C	3.6	7.8	8.7	9.2	3.9	4.4	4.5	4.5	12.1	2.1	.4	.4	.4
Va	17.3	50.2	56.7	60.1	18.7	28.0	29.1	29.6	49.7	5.6	2.2	2.3	2.4
W. Va	5.3	15.0	16.2	17.1	5.7	8.3	8.3	8.3	45.2	−.6	.7	.7	.7
N.C	*16.4*	*45.6*	*51.5*	*54.4*	*17.8*	*25.5*	*26.5*	*26.4*	*43.5*	*3.7*	*2.0*	*2.1*	*2.1*
S.C	7.7	22.8	25.8	27.2	8.4	12.7	13.2	13.2	52.4	3.8	1.0	1.1	1.1
Ga	15.3	44.2	50.2	54.0	16.5	24.7	25.8	26.2	49.1	6.4	1.9	2.0	2.1
Fla	25.9	90.9	105.9	114.3	28.0	50.7	54.5	55.5	81.3	9.5	3.2	4.2	4.4
E.S.C	**37.9**	**109.2**	**122.1**	**128.1**	**41.0**	**60.9**	**62.6**	**62.2**	**48.5**	**2.1**	**4.7**	**5.1**	**5.0**
Ky	10.0	28.0	31.4	32.8	10.8	15.6	16.1	15.9	44.5	1.8	1.2	1.3	1.3
Tenn	12.2	35.2	39.4	41.4	13.2	19.6	20.2	20.1	49.1	2.3	1.5	1.6	1.6
Ala	10.0	29.1	32.5	34.1	10.8	16.3	16.7	16.6	50.1	1.9	1.2	1.3	1.3
Miss	5.7	16.9	18.8	19.8	6.1	9.4	9.7	9.6	53.2	2.4	.7	.8	.8
W.S.C	**64.8**	**217.0**	**254.9**	**274.7**	**70.0**	**121.1**	**131.1**	**133.3**	**73.0**	**10.1**	**8.1**	**10.1**	**10.7**
Ark	5.4	16.5	18.7	19.4	5.8	9.2	9.6	9.4	58.8	2.6	.7	.8	.8
La	11.1	36.0	42.0	44.6	12.0	20.1	21.6	21.7	67.4	7.9	1.4	1.7	1.7
Okla	8.6	27.9	32.9	36.1	9.3	15.6	16.9	17.5	68.2	12.6	1.1	1.3	1.4
Tex	39.7	136.6	161.3	174.5	43.0	76.2	82.9	84.7	77.5	11.1	4.9	6.3	6.8
Mt	**30.2**	**103.0**	**117.7**	**126.0**	**32.6**	**57.5**	**60.5**	**61.2**	**76.4**	**6.4**	**3.8**	**4.8**	**4.9**
Mont	2.4	6.6	7.4	7.7	2.6	3.7	3.8	3.7	42.4	1.3	.3	.3	.3
Idaho	2.4	7.6	8.5	8.7	2.6	4.3	4.4	4.2	65.4	−.5	.3	.4	.3
Wyo	1.2	5.2	6.0	6.2	1.3	2.9	3.1	3.0	119.8	3.0	.2	.2	.2
Colo	*8.6*	*29.2*	*33.9*	*37.5*	9.3	16.3	17.4	18.2	74.1	11.8	1.1	1.4	1.5
N. Mex	3.1	10.3	11.6	12.5	3.4	5.7	6.0	6.1	69.1	5.5	.4	.5	.5
Ariz	6.6	24.1	27.5	29.1	7.2	13.5	14.2	14.1	88.1	5.0	.8	1.1	1.1
Utah	3.4	11.3	12.9	13.8	3.7	6.3	6.6	6.7	69.5	6.4	.4	.5	.5
Nev	2.3	8.7	10.0	10.6	2.5	4.8	5.1	5.1	93.7	5.7	.3	.4	.4
Pac	**116.9**	**341.7**	**382.9**	**405.8**	**126.4**	**190.7**	**196.9**	**197.0**	**50.9**	**3.3**	**14.5**	**15.8**	**15.8**
Wash	13.8	42.3	47.1	49.1	14.9	23.6	24.2	23.8	57.9	.9	1.7	2.0	1.9
Oreg	7.8	24.7	26.7	27.4	8.4	13.8	13.7	13.3	63.4	−3.5	1.0	1.1	1.1
Calif	90.3	259.6	292.1	310.7	97.6	144.9	150.2	150.8	48.4	4.1	11.2	12.0	12.1
Alaska	*1.4*	*5.2*	*6.2*	*7.1*	1.6	2.9	3.2	3.5	86.7	19.0	.2	.2	.3
Hawaii	3.6	9.9	10.9	11.6	3.9	5.5	5.6	5.6	43.3	1.7	.4	.5	.5

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, April 1983, and unpublished data.

NO. 751. PERSONAL INCOME PER CAPITA IN CURRENT AND CONSTANT (1972) DOLLARS—STATES: 1970 TO 1982

[1982 preliminary. See headnote, table 750]

REGION, DIVISION, AND STATE	CURRENT DOLLARS								CONSTANT (1972) DOLLARS			
					Income rank							
	1970	1980	1981	1982	1970	1980	1981	1982	1970	1980	1981	1982
U.S	**3,945**	**9,503**	**10,582**	**11,107**	(x)	(x)	(x)	(x)	**4,265**	**5,303**	**5,411**	**5,392**
Regions:												
Northeast	4,423	10,097	11,246	12,004	(x)	(x)	(x)	(x)	4,781	5,634	5,782	5,827
North Central	3,984	9,588	10,581	10,976	(x)	(x)	(x)	(x)	4,308	5,350	5,440	5,328
South	3,391	8,620	9,726	10,229	(x)	(x)	(x)	(x)	3,665	4,810	5,001	4,966
West	4,207	10,255	11,328	11,814	(x)	(x)	(x)	(x)	4,548	5,723	5,824	5,735
N.E	**4,306**	**9,989**	**11,126**	**11,916**	(x)	(x)	(x)	(x)	**4,655**	**5,574**	**5,720**	**5,784**
Maine	3,303	7,672	8,494	9,042	37	42	44	41	3,571	4,281	4,367	4,389
N.H	3,781	9,010	10,051	10,729	20	29	29	26	4,088	5,028	5,168	5,208
Vt	3,530	7,832	8,877	9,507	32	40	38	38	3,816	4,371	4,564	4,615
Mass	4,349	10,089	11,248	12,088	10	12	11	10	4,702	5,630	5,783	5,868
R.I	3,924	9,174	10,129	10,723	16	27	28	27	4,242	5,119	5,208	5,205
Conn	4,913	11,536	12,844	13,748	1	2	2	2	5,311	6,438	6,604	6,674
M.A	**4,460**	**10,133**	**11,287**	**12,034**	(x)	(x)	(x)	(x)	**4,822**	**5,655**	**5,803**	**5,842**
N.Y	4,695	10,283	11,473	12,314	4	9	9	6	5,076	5,738	5,899	5,978
N.J	4,737	10,976	12,230	13,089	2	4	3	3	5,121	6,125	6,288	6,354
Pa	3,928	9,389	10,423	10,955	15	20	24	22	4,246	5,239	5,359	5,318
E.N.C	**4,085**	**9,734**	**10,645**	**11,055**	(x)	(x)	(x)	(x)	**4,416**	**5,432**	**5,473**	**5,366**
Ohio	3,971	9,430	10,274	10,677	14	19	26	29	4,293	5,262	5,285	5,183
Ind	3,735	8,896	9,748	10,021	25	30	34	34	4,038	4,964	5,012	4,865
Ill	4,515	10,471	11,616	12,100	7	7	7	9	4,881	5,843	5,972	5,874
Mich	4,044	9,872	10,620	10,956	13	16	20	21	4,372	5,509	5,460	5,318
Wis	3,774	9,347	10,227	10,774	23	23	27	25	4,080	5,216	5,258	5,230
W.N.C	**3,736**	**9,234**	**10,427**	**10,789**	(x)	(x)	(x)	(x)	**4,039**	**5,153**	**5,361**	**5,237**
Minn	3,893	9,688	10,684	11,175	17	17	19	18	4,209	5,406	5,473	5,425
Iowa	3,792	9,336	10,749	10,791	19	24	18	24	4,099	5,210	5,526	5,238
Mo	3,706	8,720	9,764	10,170	28	33	33	33	4,006	4,866	5,020	4,937
N. Dak	3,216	8,759	10,911	10,872	40	32	17	23	3,477	4,888	5,610	5,280
S. Dak	3,140	8,028	9,245	9,666	41	38	36	35	3,395	4,480	4,753	4,692
Nebr	3,748	9,137	10,331	10,683	24	28	25	28	4,052	5,099	5,312	5,186
Kans	3,777	8,942	11,237	11,765	22	15	12	12	4,083	5,548	5,777	5,711
S.A	**3,605**	**8,786**	**9,830**	**10,376**	(x)	(x)	(x)	(x)	**3,897**	**4,903**	**5,054**	**5,037**
Del	4,505	10,066	11,033	11,731	9	13	15	13	4,870	5,617	5,672	5,695
Md	4,322	10,385	11,522	12,238	11	8	8	8	4,672	5,795	5,924	5,941
D.C	4,775	12,296	13,672	14,550	(x)	(x)	(x)	(x)	5,162	6,862	7,029	7,063
Va	3,712	9,357	10,450	11,095	26	21	22	19	4,013	5,222	5,373	5,386
W. Va	3,043	7,665	8,336	8,769	45	43	46	46	3,290	4,277	4,286	4,257
N.C	3,220	7,753	8,648	9,044	38	41	41	40	3,481	4,326	4,446	4,390
S.C	2,975	7,298	8,128	8,502	47	48	49	48	3,216	4,073	4,179	4,127
Ga	3,323	8,061	9,012	9,583	35	36	37	36	3,592	4,498	4,633	4,652
Fla	3,779	9,201	10,438	10,978	21	25	23	20	4,085	5,134	5,367	5,329
E.S.C	**2,951**	**7,441**	**8,277**	**8,650**	(x)	(x)	(x)	(x)	**3,190**	**4,152**	**4,256**	**4,199**
Ky	3,096	7,648	8,567	8,934	43	46	42	43	3,347	4,268	4,405	4,437
Tenn	3,097	7,602	8,516	8,906	42	44	43	44	3,348	4,276	4,378	4,323
Ala	2,903	7,477	8,284	8,649	48	47	47	47	3,138	4,172	4,259	4,199
Miss	2,556	6,680	7,414	7,778	50	50	50	50	2,763	3,728	3,812	3,776
W.S.C	**3,340**	**9,086**	**10,441**	**10,938**	(x)	(x)	(x)	(x)	**3,611**	**5,070**	**5,368**	**5,310**
Ark	2,773	7,166	8,178	8,479	49	49	48	49	2,998	3,999	4,199	4,116
La	3,041	8,525	9,778	10,231	46	34	32	31	3,288	4,757	5,027	4,967
Okla	3,337	9,187	10,606	11,370	34	26	21	17	3,608	5,127	5,453	5,519
Tex	3,536	9,538	10,954	11,419	31	18	16	16	3,823	5,323	5,632	5,543
Mt	**3,611**	**9,010**	**10,059**	**10,528**	(x)	(x)	(x)	(x)	**3,904**	**5,028**	**5,172**	**5,111**
Mont	3,428	8,361	9,252	9,580	33	35	35	37	3,706	4,666	4,757	4,650
Idaho	3,315	8,044	8,875	9,029	36	37	39	42	3,584	4,489	4,563	4,383
Wyo	3,686	11,042	12,217	12,372	30	3	4	5	3,985	6,162	6,281	6,006
Colo	3,897	10,042	11,389	12,302	18	14	10	7	4,202	5,604	5,856	5,972
N. Mex	3,072	7,891	8,707	9,190	44	39	40	39	3,321	4,403	4,477	4,461
Ariz	3,688	8,832	9,871	10,173	29	31	31	32	3,987	4,929	5,075	4,938
Utah	3,220	7,656	8,478	8,875	39	45	45	45	3,481	4,272	4,359	4,308
Nev	4,691	10,761	11,816	11,981	5	6	6	11	5,071	6,005	6,075	5,816
Pac	**4,394**	**10,701**	**11,786**	**12,280**	(x)	(x)	(x)	(x)	**4,750**	**5,972**	**6,059**	**5,961**
Wash	4,046	10,198	11,163	11,560	12	11	13	15	4,374	5,691	5,739	5,612
Oreg	3,711	9,356	10,017	10,335	27	22	30	30	4,012	5,221	5,150	5,017
Calif	4,510	10,920	12,064	12,567	8	5	5	4	4,875	6,094	6,203	6,100
Alaska	4,726	12,916	14,904	16,257	3	1	1	1	5,109	7,208	7,663	7,892
Hawaii	4,674	10,222	11,068	11,652	6	10	14	14	5,053	5,704	5,690	5,656

X Not applicable.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, April 1983; and unpublished data.

No. 752. Gross Saving and Investment: 1960 to 1982

[In billions of dollars. See *Historical Statistics, Colonial Times to 1970*, series F 552-565, for single-year figures prior to revisions issued in 1981]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Gross saving	81.1	120.2	148.9	227.8	218.9	257.9	309.1	374.8	422.7	405.9	483.8	405.8
Gross private saving	78.0	119.7	158.6	234.5	282.7	294.4	326.9	374.0	407.3	435.4	509.6	521.6
Personal saving	19.7	33.7	55.8	85.1	94.3	82.5	78.0	89.4	96.7	110.2	135.3	125.4
Undistributed corporate profits [1]	12.1	30.0	14.8	13.4	29.1	36.9	53.7	62.2	54.5	32.1	44.8	37.0
Undistributed profits	14.3	27.2	18.8	55.2	50.7	65.1	81.2	98.9	112.4	91.2	79.5	46.4
Inventory valuation adjustment	−.2	−1.2	−6.6	−40.0	−11.6	−14.7	−16.2	−24.0	−43.1	−42.9	−23.6	−8.4
Capital consumption adjustment	−2.0	4.0	2.5	−1.8	−10.1	−13.5	−11.3	−12.7	−14.8	−16.3	−11.0	−1.1
Capital consumption allowances:												
Corporate [2]	27.3	33.4	54.1	83.4	99.5	109.9	121.5	137.6	157.5	179.3	202.9	222.0
Noncorporate [2]	19.0	22.6	34.0	52.6	59.8	65.2	73.7	84.9	96.5	113.8	126.6	137.2
Government surplus or deficit (−) [3]	3.1	.5	−10.6	−4.7	−63.8	−36.5	−17.8	.8	14.3	−30.7	−26.9	−115.8
Federal	3.0	.5	−12.4	−11.5	−69.3	−53.1	−45.9	−29.5	−16.1	−61.2	−62.2	−147.1
State and local	.1	(−z)	1.9	6.8	5.5	16.6	28.0	30.3	30.4	30.6	35.3	31.3
Capital grants received by U.S. (net)	–	–	.9	−2.0	–	–	–	–	1.1	1.2	1.1	–
Gross investment	78.7	119.0	147.4	231.5	224.4	263.0	310.4	372.3	421.2	408.2	478.9	406.2
Gross private domestic investment	75.9	113.5	144.2	228.7	206.1	257.9	324.1	386.6	423.0	401.9	474.9	414.5
Net foreign investment	2.8	5.4	3.2	2.9	18.3	5.1	−13.6	−14.3	−1.8	6.3	4.0	−8.3
Statistical discrepancy	−2.4	−1.2	−1.5	3.7	5.5	5.1	1.4	−2.6	−1.5	2.3	−4.9	.5

– Represents zero. Z Less than $50 million. [1] With inventory valuation and capital consumption adjustment. [2] With capital consumption adjustment. [3] National income and product accounts basis.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July 1982, and July 1983.

No. 753. Flow of Funds Accounts—Composition of Individuals' Savings: 1960 to 1982

[In billions of dollars. Combined statement for households, farm and nonfarm, noncorporate business, nonprofit organizations, and personal trusts. Minus sign (−) indicates decrease. See *Historical Statistics, Colonial Times to 1970*, series F 566-594, for similar but not exactly comparable data]

COMPOSITION OF SAVINGS	1960	1965	1970	1975	1978	1979	1980	1981	1982
Increase in financial assets [1]	32.1	58.8	81.5	174.3	274.4	296.1	337.5	355.2	363.8
Checkable deposits and currency	1.0	7.6	8.9	6.9	22.6	22.4	6.5	25.8	25.1
Time and savings deposits	12.0	27.8	43.6	83.4	100.3	78.5	125.6	65.6	113.5
Money market fund shares	–	–	–	1.3	6.9	34.4	29.2	107.5	24.7
Securities	3.9	2.8	−.2	25.6	40.9	58.0	49.7	19.2	57.5
U.S. savings bonds	−.3	.6	.3	4.0	3.9	−.8	−7.3	−4.3	.2
Other U.S. Treasury securities	.5	.2	−11.3	15.8	18.0	26.0	26.6	28.0	28.8
U.S. Government agency securities	−.6	1.0	6.4	−1.0	7.6	20.5	9.1	13.1	.7
State and local obligations	2.6	1.8	−.9	6.2	4.1	9.8	12.2	20.4	40.9
Corporate and foreign bonds	.7	.5	10.7	8.9	−2.9	10.2	9.3	−7.9	−8.3
Open-market paper	1.7	.8	−3.8	−4.4	15.4	8.2	−2.2	1.4	−4.0
Mutual fund shares	1.4	3.2	2.6	−.3	−.1	.1	5.0	7.7	19.6
Other corporate equities	−2.0	−5.3	−4.3	−3.5	−5.1	−16.0	−2.9	−39.2	−20.4
Private life insurance reserves	3.2	4.7	5.4	8.5	11.7	12.3	11.4	9.9	11.3
Private insured pension reserves	1.3	2.1	2.8	8.1	18.3	17.5	20.6	28.9	28.6
Private noninsured pension reserves	4.0	5.4	6.9	11.8	15.9	14.0	22.3	22.5	26.6
Government insurance and pension reserves	3.2	4.7	8.9	15.1	27.9	24.4	35.3	37.5	43.3
Gross investment in tangible assets	80.7	113.7	144.7	222.3	375.6	408.1	385.9	432.6	407.8
Owner-occupied homes	21.2	22.5	25.7	45.6	97.5	107.0	92.8	92.1	78.8
Other fixed assets [2]	16.2	25.6	33.2	42.1	75.0	82.4	84.4	99.3	87.3
Consumer durables	43.1	63.0	85.2	132.2	200.2	213.4	214.3	234.6	242.7
Inventories [2]	.3	2.6	.5	2.4	3.0	5.3	−5.6	6.7	−1.1
Capital consumption allowances	55.2	65.7	99.6	166.6	230.0	261.4	296.1	322.8	338.0
Owner-occupied homes	6.3	7.9	12.1	22.2	33.5	39.1	44.1	48.3	50.7
Other fixed assets [2]	12.8	14.9	22.3	38.7	52.9	61.3	70.1	78.1	83.3
Consumer durables	36.1	42.8	65.2	105.7	143.5	160.9	181.9	196.4	204.0
Net investment in tangible assets	25.5	48.0	45.1	55.7	145.7	146.7	89.9	109.9	69.7
Owner-occupied homes	14.8	14.5	13.6	23.5	63.9	67.9	48.7	43.8	28.2
Other fixed assets [2]	3.4	10.7	10.9	3.4	22.0	21.1	14.3	21.2	4.0
Consumer durables	7.0	20.2	20.0	26.5	56.7	52.5	32.4	38.2	38.7
Inventories [2]	.3	2.6	.5	2.4	3.0	5.3	−5.6	6.7	−1.1
Net increase in debt	20.9	41.9	40.2	77.0	219.4	234.7	176.9	181.9	123.3
Mortgage debt on nonfarm homes	11.7	17.0	14.1	40.6	111.3	121.3	98.3	81.4	58.0
Other mortgage debt [2]	2.5	8.2	14.2	18.1	34.7	40.9	34.7	38.0	25.5
Consumer credit	4.4	10.6	5.4	9.6	48.8	45.4	4.9	25.3	14.4
Other debt [2]	2.5	6.0	6.4	8.8	24.6	27.0	39.0	37.2	25.4
Individuals' saving	36.7	65.0	86.4	153.0	200.6	208.1	250.5	283.1	310.2
Less: Government insurance and pension reserve	3.2	4.7	8.9	15.1	27.9	24.4	35.3	37.5	43.3
Net investment in consumer durables	7.0	20.2	20.0	26.5	56.7	52.5	32.4	38.2	38.7
Capital gains dividends from mutual funds	.4	.9	.9	.2	.7	.9	1.8	2.7	2.4
Net saving by farm corps	−.1	(z)	−.1	.1	.2	.1	.1	.1	(z)
Equals: Personal saving, flow of funds basis [3]	26.2	39.1	56.7	111.1	115.1	130.1	180.9	204.7	225.9

– *Represents zero.* Z *Less than* $50 million. [1] Includes items not shown separately. [2] Includes corporate farms. [3] Personal saving on national income account basis measures personal saving as income less taxes and consumption; flow-of-funds basis measures the same concept from acquisitions of assets less borrowing.

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts*, quarterly.

No. 754. Money Income of Households—Percent Distribution by Money Income Level in Constant (1982) Dollars, by Race and Spanish Origin of Householder: 1967 to 1982

[Households as of **March** of **following year.** Based on Current Population Survey; see text, p. 2. Persons of Spanish origin may be of any race. For definitions of household and race, see p. 3. For definition of median, see Guide to Tabular Presentation]

Race and Spanish origin of householder and year	Number of households (1,000)	Percent distribution, by income level								Median income (dol.)
		Under $5,000	$5,000–$9,999	$10,000–$14,999	$15,000–$19,999	$20,000–$24,999	$25,000–$34,999	$35,000–$49,999	$50,000 and over	
All households:										
1967	60,813	10.7	12.4	11.8	17.0	10.0	22.3	9.6	6.2	20,650
1970	64,778	9.7	12.1	11.7	15.2	9.4	23.4	10.7	7.8	21,711
1974	71,163	8.3	12.9	12.3	11.9	12.2	20.3	13.0	9.2	21,916
1975	72,867	8.5	14.3	12.6	12.0	11.6	20.4	12.4	8.1	21,162
1976	*74,142*	*8.2*	*13.9*	*12.6*	*11.7*	*11.1*	*20.9*	*12.8*	*8.8*	*21,510*
1977	76,030	8.1	14.0	12.4	11.6	11.2	20.2	13.0	9.4	21,618
1978	77,330	8.1	13.3	12.2	11.8	10.8	20.1	13.6	10.0	22,288
1979	79,108	9.4	12.3	12.8	11.2	10.9	18.3	15.0	10.0	21,890
1980	82,368	9.8	13.7	12.9	12.0	11.1	17.6	14.0	8.8	20,745
1981	83,527	9.9	14.1	13.8	11.9	11.1	17.5	13.2	8.6	20,243
1982	83,918	9.6	14.3	13.5	12.2	11.4	16.9	13.2	8.9	20,171
White:										
1967	54,188	9.8	11.5	11.2	17.1	10.2	23.4	10.1	6.7	21,535
1970	57,575	8.8	11.2	11.1	15.2	9.5	24.4	11.3	8.3	22,613
1974	62,984	7.3	12.0	11.8	11.7	12.4	21.1	13.7	10.0	22,921
1975	64,392	7.4	13.4	12.4	11.9	11.9	21.1	13.1	8.8	22,131
1976	65,353	7.2	12.9	12.3	11.7	11.2	21.7	13.5	9.5	22,533
1977	66,934	7.1	13.1	12.1	11.6	11.4	21.0	13.8	10.1	22,733
1978	68,028	7.0	12.4	11.9	11.8	10.9	20.9	14.3	10.7	23,169
1979	69,454	8.2	11.4	12.5	11.2	11.2	19.0	15.7	10.8	22,951
1980	71,872	8.5	12.8	12.6	12.0	11.4	18.4	14.8	9.5	21,886
1981	72,845	8.4	13.2	13.4	12.0	11.4	18.2	13.9	9.3	21,389
1982	73,182	8.1	13.5	13.2	12.3	11.7	17.6	13.9	9.6	21,117
Black:										
1967	5,728	19.5	22.2	16.9	15.9	8.0	12.2	3.8	1.5	12,504
1970	6,180	18.3	19.5	16.6	15.1	8.2	15.0	5.1	2.3	13,764
1974	7,263	16.8	20.9	16.5	13.0	10.1	14.0	6.3	2.3	13,631
1975	7,489	17.7	22.4	14.8	13.0	9.9	13.8	6.1	2.4	13,286
1976	*7,776*	*16.4*	*22.5*	*15.5*	*11.9*	*9.9*	*14.4*	*6.6*	*2.8*	*13,399*
1977	7,977	16.6	21.9	16.4	12.5	9.3	13.5	6.7	3.1	13,415
1978	8,066	17.5	20.5	14.8	12.2	9.9	14.3	7.4	3.4	13,924
1979	8,405	19.3	19.6	16.1	11.2	9.4	12.7	8.4	3.2	13,475
1980	8,847	20.7	21.3	15.3	11.8	9.3	11.2	7.7	2.7	12,609
1981	8,961	21.6	21.6	16.1	11.3	8.5	11.5	6.9	2.5	12,002
1982	8,916	21.7	20.9	15.8	11.2	9.7	12.0	6.4	2.2	11,968
Spanish origin:										
1974	2,897	9.1	17.2	16.7	14.6	13.1	17.3	8.2	3.9	17,432
1975	2,948	11.3	18.5	17.5	14.7	11.5	16.4	7.0	3.1	15,899
1976	3,081	10.8	18.7	16.8	14.5	11.3	16.9	7.7	3.3	16,225
1977	3,304	9.4	17.9	16.3	15.5	12.0	16.7	8.2	4.0	16,959
1978	3,291	9.8	16.6	15.6	15.6	11.4	17.6	9.1	4.3	17,463
1979	3,730	11.4	15.1	16.3	13.7	11.9	15.9	10.1	5.3	17,343
1980	3,906	13.0	17.7	16.6	13.8	11.0	14.3	9.5	4.1	15,991
1981	3,980	11.8	18.3	16.5	13.8	11.8	14.5	9.3	4.0	16,238
1982	4,085	13.0	20.2	16.3	13.7	10.8	13.5	9.1	3.5	15,178

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 140.

No. 755. Money Income of Households—Median Household Income in Current and Constant (1982) Dollars, by Race and Spanish Origin of Householder: 1967 to 1982

[In dollars, except percent. *Minus sign (–) indicates decrease]*

Year	Median income in current dollars				Median income in constant (1982) dollars				Annual percent change of median income of all households	
	All households	White	Black	Spanish origin [1]	All households	White	Black	Spanish origin [1]	Current dollars	Constant dollars
1967	7,143	7,449	4,325	(NA)	20,650	21,535	12,504	(NA)	(X)	(X)
1970	8,734	9,097	5,537	(NA)	21,711	22,613	13,764	(NA)	[2] 6.9	[2] 1.7
1971	9,028	9,443	5,578	(NA)	21,517	22,506	13,294	(NA)	3.4	–.9
1972	9,697	10,173	5,938	7,677	22,374	23,472	13,701	17,713	7.4	4.0
1973	10,512	11,017	6,485	8,144	22,833	23,929	14,086	17,689	8.4	2.1
1974	11,197	11,710	6,964	8,906	21,916	22,921	13,631	17,432	6.5	–4.0
1975	11,800	12,340	7,408	8,865	21,162	22,131	13,286	15,899	5.4	–3.4
1976	12,686	13,289	7,902	9,569	21,510	22,533	13,399	16,225	7.5	1.6
1977	13,572	14,272	8,422	10,647	21,618	22,733	13,415	16,959	7.0	.5
1978	15,064	15,660	9,411	11,803	22,288	23,169	13,924	17,463	11.0	3.1
1979 [3]	16,461	17,259	10,133	13,042	21,890	22,951	13,475	17,343	9.3	–1.8
1980	17,710	18,684	10,764	13,651	20,745	21,886	12,609	15,991	7.6	–5.2
1981	*19,074*	*20,153*	*11,309*	*15,300*	*20,243*	*21,389*	*12,002*	*16,238*	*7.7*	*–2.4*
1982	20,171	21,117	11,968	15,178	20,171	21,117	11,968	15,178	5.8	–.4

NA Not available. X Not applicable. [1] Persons of Spanish origin may be of any race. [2] Change from 1967. [3] Based on 1980 census population controls; see text, pp. 1-4.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 140, and unpublished data.

No. 756. Money Income of Households—Percent Distribution by Money Income Level, by Selected Characteristics: 1982

[Households as of March 1983]

Characteristic	Total households (1,000)	Percent distribution of households by income level (in dollars)								Median income (dollars)
		Under 5,000	5,000-9,999	10,000-14,999	15,000-19,999	20,000-24,999	25,000-34,999	35,000-49,999	50,000 and over	
Total [1]	**83,918**	**9.6**	**14.3**	**13.5**	**12.2**	**11.4**	**17.0**	**13.2**	**8.9**	**20,171**
White	73,182	8.2	13.5	13.2	12.3	11.7	17.6	13.9	9.6	21,117
Black	8,916	21.7	20.9	15.8	11.2	9.7	12.0	6.4	2.2	11,968
Spanish origin [2]	4,085	12.9	20.2	16.3	13.7	10.7	13.5	9.1	3.6	15,178
Northeast	17,926	8.7	15.3	12.6	11.7	11.3	17.4	14.1	9.2	20,707
North Central	21,331	9.5	13.6	12.8	12.0	12.0	18.2	13.9	8.1	20,820
South	28,120	11.7	14.5	14.4	12.5	11.4	15.7	11.6	8.2	18,591
West	16,541	7.3	13.9	13.7	12.3	11.0	18.9	14.1	10.7	21,192
Nonfarm	82,071	9.5	14.3	13.5	12.1	11.4	17.0	13.2	9.0	20,238
Farm	1,847	14.1	14.7	14.5	13.4	12.9	14.6	10.4	5.3	17,205
Marital status:										
Male householder	59,250	4.8	9.7	12.1	12.1	12.6	20.6	16.6	11.4	24,375
Married, wife present	47,720	2.9	8.0	11.4	11.8	12.8	21.7	18.5	12.9	26,164
Married, wife absent	1,356	15.2	16.7	17.6	10.2	10.5	15.2	8.3	6.4	15,207
Widowed	1,704	16.6	26.1	16.3	8.9	10.4	8.6	6.8	4.3	11,319
Divorced	3,208	10.5	14.6	12.3	13.2	13.8	18.5	9.7	7.3	19,766
Single (never married)	5,263	12.1	14.5	16.2	15.6	11.8	16.3	9.2	4.4	17,150
Female householder	24,668	21.1	25.2	16.7	12.4	8.6	8.3	5.0	2.7	10,970
Married, husband present	2,187	4.1	10.1	12.6	13.4	13.4	15.9	17.0	13.4	23,396
Married, husband absent	2,407	33.3	27.3	15.0	10.9	5.6	5.2	2.0	.8	8,252
Widowed	9,245	25.2	33.8	15.2	9.5	6.1	5.4	3.2	1.6	8,076
Divorced	5,645	17.4	20.1	19.8	15.2	10.6	10.7	4.3	2.0	13,033
Single (never married)	5,183	19.5	21.0	18.4	14.5	10.1	9.1	5.4	2.0	12,448
Age of householder:										
15-24 years	5,695	14.8	19.4	20.1	14.9	13.3	11.6	4.3	1.5	13,816
25-34 years	19,104	7.2	10.0	13.7	15.0	14.5	21.3	13.1	5.0	21,281
35-44 years	16,020	6.0	8.0	9.9	10.7	12.0	21.8	18.9	12.5	26,370
45-54 years	12,354	6.5	8.0	9.3	9.8	10.4	19.0	19.9	17.1	27,985
55-64 years	13,074	8.6	12.0	13.0	11.8	10.6	16.9	14.9	12.3	22,075
65 years and over	17,671	16.7	29.2	17.6	11.4	8.4	8.1	4.8	3.7	11,041
Size of household:										
One person	19,250	22.7	27.3	16.7	12.1	8.4	8.0	3.0	1.7	9,984
Two persons	26,439	6.6	13.3	15.7	13.9	12.6	17.2	12.5	8.2	20,201
Three persons	14,793	6.5	9.3	11.4	12.0	12.1	20.3	17.6	10.8	24,445
Four persons	13,303	4.0	6.9	9.0	10.9	12.5	22.8	19.8	14.0	27,617
Five persons	6,105	4.4	8.2	10.0	9.1	12.6	21.9	19.1	14.6	27,176
Six persons	2,460	5.1	9.6	10.1	10.4	10.4	18.6	20.0	15.8	27,191
Seven persons or more	1,568	4.7	12.4	12.8	11.3	10.7	17.0	17.4	13.6	23,717
Education attainment of householder:										
Elementary school	13,396	21.4	28.2	18.0	11.0	7.9	8.2	3.9	1.5	10,097
Less than 8 years	7,226	24.1	29.1	18.2	10.6	6.9	6.8	3.0	1.1	9,327
8 years	6,170	18.2	27.1	17.8	11.5	9.0	9.6	4.9	1.8	11,192
High school	40,217	10.0	15.2	15.1	13.5	12.4	17.4	11.8	4.8	18,527
1-3 years	11,131	16.0	22.2	16.3	12.3	10.3	12.7	7.4	2.8	13,483
4 years	29,086	7.7	12.6	14.6	14.0	13.1	19.1	13.4	5.5	20,391
College	30,305	3.9	6.9	9.4	10.8	11.7	20.3	19.2	17.6	28,216
1-3 years	13,371	5.4	9.8	12.8	12.5	13.3	21.2	16.3	8.7	23,524
4 years	9,140	2.9	5.5	7.6	10.6	11.2	20.7	21.4	20.0	30,613
Tenure:										
Owner occupied	54,494	6.4	11.1	11.5	11.2	11.7	19.2	16.8	12.2	24,148
Renter occupied	27,834	15.2	20.1	17.1	13.9	11.2	13.0	6.5	2.8	14,199
Occupier paid no cash rent	1,589	23.8	22.5	16.9	15.0	7.1	7.7	5.2	1.9	10,873

[1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 140.

NO. 757. MONEY INCOME OF HOUSEHOLDS—AGGREGATE AND MEAN INCOME, BY RACE AND SPANISH ORIGIN OF HOUSEHOLDER: 1981

[As of **March 1982.** Based on Current Population Survey; see text, pp. 2 and 447. For number of households by characteristic, see table 62. For definition of mean, see Guide to Tabular Presentation]

CHARACTERISTIC	ALL RACES [1]		WHITE		BLACK		SPANISH ORIGIN [2]	
	Aggregate money income (bil. dol.)	Mean income (dol.)	Aggregate money income (bil. dol.)	Mean income (dol.)	Aggregate money income (bil. dol.)	Mean income (dol.)	Aggregate money income (bil. dol.)	Mean income (dol.)
Total	**1,903.3**	**22,787**	**1,729.5**	**23,742**	**133.1**	**14,856**	**73.1**	**18,373**
Region and type of residence:								
Northeast	417.4	23,190	385.7	24,008	25.7	15,216	11.9	15,794
North Central	484.8	22,809	451.9	23,462	28.1	15,703	5.9	19,889
South	603.3	21,603	533.3	23,133	63.0	13,892	24.7	18,437
West	397.8	24,337	358.6	24,793	16.3	17,234	30.6	19,257
Nonfarm	1,869.0	22,875	1,696.1	23,858	132.5	14,881	72.7	18,396
Farm	34.3	18,842	33.4	19,042	.6	(B)	.4	(B)
In metropolitan areas	1,385.8	24,355	1,243.7	25,600	109.1	15,585	63.9	18,723
Outside metropolitan areas	517.5	19,435	485.8	20,023	24.0	12,250	9.2	16,254
Age of householder:								
15-24 years	92.1	15,073	82.6	15,727	7.8	10,575	5.9	13,732
25-34 years	427.6	22,123	378.1	22,998	36.0	15,989	22.2	18,096
35-44 years	430.3	28,078	388.3	29,421	31.6	18,184	17.6	20,328
45-54 years	376.3	30,090	342.4	31,661	24.9	17,905	14.3	23,040
55-64 years	330.4	25,520	307.3	26,658	18.0	14,854	9.0	18,957
65 years and over	246.6	14,246	230.8	14,784	12.8	8,492	3.9	11,130
Size of household:								
One person	238.2	12,308	214.5	12,774	19.4	8,705	5.8	10,732
Two persons	605.9	22,875	569.3	23,780	29.6	13,533	13.9	16,724
Three persons	387.9	26,539	353.6	27,760	27.3	17,068	15.0	18,872
Four persons	373.6	29,031	338.6	30,233	24.8	18,747	15.7	20,112
Five persons	177.3	29,056	156.7	30,642	15.4	19,396	11.2	21,798
Six persons	74.3	29,942	62.3	31,591	8.4	20,726	5.4	21,358
Seven persons or more	46.2	28,512	34.5	31,690	8.3	19,473	6.0	23,250
Employment status:								
In labor force [3]	1,587.3	26,697	1,444.2	27,586	107.8	18,651	63.6	20,964
Civilian labor force	1,571.9	26,772	1,430.7	27,662	106.4	18,686	63.1	20,995
Employed	1,502.4	27,528	1,371.6	28,318	97.9	19,776	58.3	21,795
Unemployed	69.5	16,800	59.1	17,989	8.5	11,455	4.8	14,490
Not in labor force	316.0	13,128	285.3	13,924	25.3	7,957	9.5	10,070
Employed	1,502.4	27,528	1,371.6	28,318	97.9	19,776	58.3	21,795
White-collar workers	906.5	32,139	846.1	32,820	39.9	22,278	21.9	25,491
Blue-collar workers	477.2	24,640	427.2	25,113	40.9	20,709	28.9	21,604
Farm workers	24.3	15,438	23.0	15,730	.9	10,380	1.4	13,909
Service workers	94.3	17,380	75.3	18,000	16.1	14,748	6.2	16,202

B Base less than 75,000. [1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race.
[3] Includes members of the Armed Forces.

NO. 758. HOUSEHOLD TYPE, BY INCOME LEVEL AND MEDIAN INCOME: 1981

[Households as of **March 1982.** See headnote, table 754. Hhldr. = householder]

ITEM	All households	FAMILY HOUSEHOLDS				NONFAMILY HOUSEHOLDS				
		Total	Married couple	Male hhldr., wife absent	Female hhldr., husband absent	Total	*Single-person household*			Multiple-person household
							Total	Male hhldr.	Female hhldr.	
Number, all races (1,000)	**83,527**	**61,019**	**45,630**	**1,986**	**9,403**	**22,508**	**19,354**	**7,482**	**11,872**	**3,154**
Under $5,000	8,757	3,424	1,484	105	1,835	5,333	5,147	1,322	3,825	186
$5,000-$9,999	12,472	6,883	4,338	253	2,291	5,588	5,206	1,592	3,614	382
$10,000-$14,999	12,058	8,241	6,105	331	1,805	3,818	3,364	1,348	2,016	454
$15,000-$19,999	10,235	7,658	6,195	273	1,190	2,577	2,146	974	1,172	431
$20,000-$24,999	9,507	7,701	6,551	262	887	1,808	1,412	782	630	396
$25,000-$34,999	14,407	12,394	11,184	370	839	2,014	1,368	922	446	645
$35,000-$49,999	10,099	9,233	8,541	266	426	867	456	343	114	411
$50,000 and over	5,992	5,488	5,230	126	131	504	255	201	54	249
Median income (dol.):										
All races	**19,074**	**22,552**	**25,106**	**20,542**	**11,441**	**10,385**	**9,192**	**12,837**	**7,405**	**21,685**
White	20,153	23,677	25,513	21,117	13,076	10,914	9,639	13,832	7,808	22,824
Black	11,309	13,630	19,638	14,865	7,921	6,635	5,994	8,345	4,812	12,354
Spanish origin [1]	15,300	16,666	19,432	15,916	8,129	8,981	7,496	9,528	6,166	17,571

[1] *Persons of Spanish origin may be of any race.*

Source of tables 757 and 758: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 137.

No. 759. Money Income of Households—Number of Households and Aggregate Income Before and After Taxes, by Money Income Level: 1980

[Households as of **March 1981**. Estimates of after-tax income were derived from tax simulation procedures based on a "statistical" combination of data from the Internal Revenue Service, summaries of State individual income tax regulations, data on the characteristics of persons paying FICA payroll taxes from the Social Security Administration, property tax information from the Annual Housing Survey, and the March Current Population Survey *microdata file*. For additional information on methodology see source]

Money income level	Before taxes				After taxes			
	Households		Aggregate income		Households		Aggregate income	
	Number (1,000)	Percent distribution	Amount (bil. dol.)	Percent distribution	Number (1,000)	Percent distribution	Amount (bil. dol.)	Percent distribution
Total	**82,368**	**100.0**	**1,734.9**	**100.0**	**82,368**	**100.0**	**1,340.3**	**100.0**
Under $5,000	9,683	11.7	28.9	1.7	10,700	13.0	27.3	2.0
$5,000–$9,999	13,008	15.8	98.3	5.5	15,979	19.4	88.7	6.7
$10,000–$14,999	12,243	14.9	151.3	8.7	15,923	19.3	131.8	9.9
$15,000–$19,999	10,964	13.3	190.1	10.9	14,415	17.5	157.3	11.8
$20,000–$24,999	10,017	12.2	223.2	12.8	10,565	12.8	177.8	13.3
$25,000–$34,999	13,588	16.4	398.6	23.0	10,106	12.2	306.9	22.9
$35,000–$49,999	8,465	10.3	346.1	19.9	3,709	4.5	254.3	19.1
$50,000–$74,999	3,350	4.1	195.6	11.2	892	1.1	134.8	10.0
$75,000 and over	1,051	1.3	104.8	6.0	80	.1	61.5	4.6

No. 760. Money Income of Households—Mean Income and Income per Household Member Before and After Taxes, by Selected Characteristics: 1980

[Households as of **March 1981**. See headnote, table 759]

Characteristic	Mean household income		Income per household member		Taxes as a percent of income	Characteristic	Mean household income		Income per household member		Taxes as a percent of income
	Before taxes	After taxes	Before taxes	After taxes			Before taxes	After taxes	Before taxes	After taxes	
All households	**21,063**	**16,272**	**7,720**	**5,964**	**22.7**	Nonfamily households	12,711	9,970	10,688	8,384	21.6
White	21,913	16,852	8,170	6,283	23.1	Age of householder:					
Black	13,970	11,450	4,689	3,844	18.0	*15–24 years*	14,227	11,584	6,327	5,152	18.6
Spanish origin	16,674	13,550	4,806	3,905	18.7	25–29 years	19,223	15,002	7,215	5,631	22.0
Northeast	21,449	16,248	7,865	5,958	24.2	30–34 years	22,185	16,959	6,971	5,329	23.6
North Central	21,261	16,437	7,775	6,011	22.7	35–39 years	25,157	18,884	6,991	5,248	24.9
South	19,703	15,597	7,158	5,666	20.8	*40–44 years*	27,152	20,334	7,297	5,465	25.1
West	22,667	17,219	8,457	6,424	24.0	45–49 years	28,919	21,566	8,156	6,082	25.4
Family households	24,118	18,578	7,328	5,645	23.0	50–54 years	27,451	20,423	8,936	6,648	25.6
Married couple families:						55–59 years	25,805	19,123	10,217	7,572	25.9
With no related children [1]	25,368	19,362	10,881	8,305	23.7	60–64 years	20,903	16,098	9,642	7,426	23.0
With related children [1]	26,910	20,518	6,299	4,803	23.8	Tenure:					
Female householder [2]	11,450	9,891	3,376	2,917	13.6	Owner occupied	24,147	18,378	8,331	6,340	23.9
						Renter occupied, incl. no cash rent	14,556	11,829	6,145	4,993	18.7

[1] *Children under 18 years.* [2] *No husband present with related children under 18 years.*

No. 761. Number of Households Paying Taxes and Amount of Taxes by Type of Tax and Before-Tax Money Income, by Income Level: 1980

[Households as of **March 1981**. See headnote, table 759]

Type of tax	Unit	Total	Under 5,000	5,000–9,999	10,000–14,999	15,000–19,999	20,000–24,999	25,000–34,999	35,000–49,999	50,000–74,999	75,000 and over
All households	**1,000**	**82,368**	**9,683**	**13,008**	**12,243**	**10,964**	**10,017**	**13,588**	**8,465**	**3,350**	**1,051**
Households paying—											
One or more taxes [1]	1,000	76,171	5,583	11,285	11,931	10,925	10,007	13,577	8,462	3,349	1,051
Federal income taxes	1,000	61,316	340	4,471	9,695	10,498	9,912	13,552	8,452	3,349	1,049
State income taxes	1,000	52,591	722	4,907	7,995	8,586	8,099	11,339	7,197	2,853	894
FICA payroll taxes	1,000	62,061	2,638	7,229	9,234	9,338	8,927	12,600	7,948	3,148	997
Federal retirement taxes	1,000	3,404	76	191	285	397	544	836	752	286	36
Property taxes	1,000	52,328	3,684	6,422	6,605	6,774	7,009	10,663	7,234	2,984	954
Taxes paid	**Bil. dol.**	**$394.6**	**1.7**	**7.6**	**19.5**	**33.1**	**45.3**	**91.8**	**91.8**	**60.9**	**43.3**
Percent of taxes paid:											
Federal income taxes	Percent	62.3	2.8	27.0	46.8	53.6	56.8	59.8	64.1	70.6	80.1
State income taxes	Percent	11.4	1.8	6.6	8.8	9.8	10.5	11.6	12.4	12.7	11.8
FICA payroll taxes	Percent	17.5	23.1	34.4	29.9	26.0	23.1	20.0	15.7	10.6	4.8
Federal retirement taxes	Percent	1.1	.6	.5	.8	1.0	1.3	1.2	1.4	1.0	.2
Property taxes	Percent	7.6	71.6	31.2	13.7	9.5	8.2	7.3	6.4	5.1	3.1

[1] Figures will not add as more than one type of tax may be reported for each household.

Source of tables 759–761: U.S. Bureau of the Census, *Current Population Reports*, series P–23, No. 126.

No. 762. Money Income of Families—Percent Distribution by Income Level in Constant (1982) Dollars, by Race and Spanish Origin: 1960 to 1982

[Families as of **March** of following year. Beginning with **1979** based on householder concept and restricted to primary families. For definition of race, family, and householder see text, pp. 3 and 4. Based on Current Population Survey; see text, pp. 2 and 446 and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series G 1-8, G 16-23, G 190-192, and G 197-199]

Race and Spanish origin of householder and year	Total families (1,000)	Percent distribution of families, by income level								Median income (dollars)
		Under $5,000	$5,000-$9,999	$10,000-$14,999	$15,000-$19,999	$20,000-$24,999	$25,000-$34,999	$35,000-$49,999	$50,000 and over	
ALL FAMILIES										
1960	45,539	9.2	13.3	15.4	22.4	11.6		28.1		18,317
1965	48,509	6.6	11.6	12.7	19.6	11.3		38.2		21,283
1970	52,227	4.6	9.4	11.2	16.1	10.1	27.2	12.4	9.0	24,528
1975	56,245	4.2	10.3	11.8	12.2	12.4	26.6	12.6	9.8	24,604
1978	57,804	4.2	9.3	11.0	11.5	11.5	27.4	13.6	11.4	26,099
1979	58,426	5.0	8.5	11.6	11.2	11.5	21.2	18.5	12.4	26,047
1980	60,309	5.3	10.1	11.7	12.0	12.1	20.5	17.3	11.0	24,826
1981	61,019	5.5	10.6	12.7	12.0	12.0	20.2	16.2	10.7	23,761
1982	61,393	6.0	10.6	12.4	12.1	12.3	19.5	16.0	10.9	23,433
WHITE										
1960	41,123	7.5	12.2	15.1	23.1	12.1		30.0		19,018
1965	43,497	5.6	10.3	11.8	19.9	11.6		40.7		22,183
1970	46,535	3.8	8.4	10.4	16.1	10.1	28.3	13.1	9.7	25,445
1975	49,873	3.3	9.1	11.4	12.0	12.6	27.6	13.3	10.5	25,589
1978	50,910	3.3	8.1	10.5	11.4	11.6	28.5	14.3	12.3	27,176
1979	51,389	4.0	7.3	11.1	11.1	11.8	22.0	19.4	13.3	27,180
1980	52,710	4.2	8.8	11.3	12.0	12.3	21.4	18.2	11.9	25,658
1981	53,269	4.2	9.3	12.2	12.0	12.4	21.0	17.1	11.6	24,959
1982	53,407	4.6	9.3	12.1	12.3	12.6	20.3	16.9	11.9	24,603
BLACK										
1960 [1]	4,333	24.2	23.4	19.3	15.8	6.8		10.4		10,528
1965 [1]	4,782	15.7	23.9	20.3	16.6	7.9		15.5		12,216
1970	4,928	11.8	18.8	17.6	16.6	9.1		26.1		15,608
1975	5,586	11.0	21.3	15.7	14.0	10.8	18.8	6.0	2.4	15,744
1978	5,906	12.0	19.2	15.7	12.3	10.9	19.5	7.0	3.5	16,096
1979	6,042	14.3	18.2	16.9	12.0	9.7	14.4	10.5	4.0	15,391
1980	6,317	14.2	20.7	15.7	12.4	10.4	13.3	9.8	3.5	14,846
1981	6,413	15.7	20.8	16.2	12.1	9.8	13.8	8.7	3.0	14,079
1982	6,530	17.0	20.8	15.7	11.2	10.7	14.1	7.8	2.6	13,598
SPANISH ORIGIN [2]										
1975	2,499	8.4	17.6	17.7	15.3	12.3	18.5	6.8	3.4	17,129
1978	2,741	7.0	15.7	15.9	15.6	12.3	21.2	8.1	4.3	18,592
1979	3,100	8.9	13.9	16.3	13.8	12.5	17.5	11.2	5.9	18,842
1980	3,235	9.7	17.1	16.6	14.6	11.7	15.5	10.4	4.3	17,238
1981	3,305	9.4	16.7	16.8	14.6	12.3	15.3	10.4	4.4	17,406
1982	3,369	10.1	19.5	16.5	14.1	11.7	14.3	10.0	3.9	16,227

[1] For 1960 and 1965, Black and other races. [2] Persons of Spanish origin may be of any race.

No. 763. Money Income of Families—Median Family Income in Current and Constant (1982) Dollars, by Race and Spanish Origin of Householder: 1950 to 1982

[See headnote, table 762. For definition of median, see Guide to Tabular Presentation. Minus sign (−) indicates decrease]

Year	Median income in current dollars				Median income in constant (1982) dollars				Annual percent change of median income of all families	
	All families [1]	White	Black	Spanish origin [2]	All families [1]	White	Black	Spanish origin [2]	Current dollars	Constant dollars
1950	3,319	3,445	[3] 1,869	(NA)	13,308	13,813	[3] 7,494	(NA)	[4] 3.1	[4] .6
1955	4,418	4,613	[3] 2,544	(NA)	15,926	16,629	[3] 9,170	(NA)	5.9	3.7
1960	5,620	5,835	[3] 3,230	(NA)	18,317	19,018	[3] 10,528	(NA)	4.9	2.9
1965	6,957	7,251	[3] 3,993	(NA)	21,283	22,183	[3] 12,216	(NA)	4.4	3.1
1970	9,867	10,236	6,279	(NA)	24,528	25,445	15,608	(NA)	7.5	2.9
1971	10,285	10,672	6,440	(NA)	24,513	25,435	15,349	(NA)	4.2	.1
1972	11,116	11,549	6,864	8,183	25,648	26,647	15,837	18,880	8.1	4.6
1973	12,051	12,595	7,269	8,715	26,175	27,357	15,789	18,929	8.4	2.1
1974	12,902	13,408	8,006	9,540	25,254	26,244	15,671	18,673	7.1	−3.5
1975	13,719	14,268	8,779	9,551	24,604	25,589	15,744	17,129	6.3	−2.6
1976	14,958	15,537	9,242	10,259	25,363	26,345	15,671	17,395	9.0	3.1
1977	16,009	16,740	9,563	11,421	25,500	26,664	15,232	18,192	7.0	.5
1978	17,640	18,368	10,879	12,566	26,099	27,176	16,096	18,592	10.2	2.3
1979 [5]	19,587	20,439	11,574	14,169	26,047	27,180	15,391	18,842	11.0	−.2
1980 [5]	21,023	21,904	12,674	14,716	24,626	25,658	14,846	17,238	7.3	−5.5
1981 [5]	22,388	23,517	13,266	16,401	23,761	24,959	14,079	17,406	6.5	−3.5
1982 [5]	23,433	24,603	13,598	16,227	23,433	24,603	13,598	16,227	4.6	−1.4

NA Not available. X Not applicable. [1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race. [3] For 1950-1965, Black and other races. [4] Change from 1947. [5] Population controls based on the 1980 census; see text, pp. 2 and 446.

Source of tables 762 and 763: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 140, and unpublished data.

No. 764. Money Income of Families—Percent Distribution by Income Level, by Race and Spanish Origin of Householder, and Selected Characteristics: 1981

[Families as of March 1982. See headnote, table 762. For definitions, see text, p. 3. For definition of median, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series G1-8 for U.S. data on total, White, and Black and other races]

Race of householder, region, residence, and education	Number of families (1,000)	Percent distribution of families, by income level ($1,000)— Under 5.0	5.0-9.9	10.0-14.9	15.0-19.9	20.0-24.9	25.0-29.9	30.0-39.9	40.0-49.9	50.0 and over	Median income (dol.)
All families [1]	**61,019**	**5.8**	**11.5**	**13.5**	**12.6**	**12.6**	**11.2**	**15.8**	**8.1**	**8.9**	**22,388**
WHITE											
Total	**53,269**	**4.5**	**10.3**	**13.1**	**12.6**	**13.0**	**11.5**	**16.7**	**8.6**	**9.7**	**23,517**
Northeast	11,571	3.8	9.2	11.9	12.5	13.2	12.0	17.6	9.5	10.1	24,689
North Central	14,270	4.2	9.5	13.4	12.3	13.2	11.8	18.0	9.3	8.3	23,886
South	17,377	5.3	11.7	13.9	12.9	13.2	11.3	15.3	7.0	9.4	22,051
West	10,052	4.5	9.8	12.9	12.4	11.9	10.9	16.4	9.5	11.7	24,324
In metropolitan areas	34,665	3.7	8.9	11.4	11.4	12.5	11.8	18.0	10.1	12.1	25,832
In central cities	11,845	5.1	11.1	13.0	12.7	12.8	11.0	16.1	8.1	9.8	22,884
Outside central cities	22,820	3.0	7.7	10.5	10.7	12.3	12.2	19.2	11.1	13.4	27,156
Outside metropolitan areas	18,604	5.9	12.7	16.5	14.8	13.8	11.0	14.2	5.8	5.1	20,003
Householder completed [2]—											
Elementary school:											
Less than 8 years	3,762	10.2	26.6	22.3	13.7	9.6	6.0	7.9	2.1	1.6	12,541
8 years	3,670	6.7	20.9	22.6	15.3	12.1	8.1	8.2	3.3	2.7	14,935
High school:											
1-3 years	6,400	6.8	15.4	17.7	15.9	13.9	9.8	12.4	4.8	3.3	18,025
4 years	18,091	3.7	8.1	12.7	13.6	15.0	13.5	18.6	8.5	6.3	23,864
College:											
1-3 years	7,764	2.6	5.8	9.5	11.0	13.2	14.0	21.7	11.4	10.8	27,607
4 years or more	10,553	1.1	2.5	5.1	7.1	9.8	11.1	21.7	15.3	26.4	35,648
BLACK											
Total	**6,413**	**16.7**	**21.6**	**16.5**	**12.4**	**9.6**	**8.2**	**8.9**	**3.9**	**2.1**	**13,266**
Northeast	1,175	18.2	18.9	17.9	10.6	10.8	7.8	9.8	3.8	2.3	13,248
North Central	1,281	15.8	20.5	14.2	12.6	11.2	8.7	9.6	5.0	2.6	14,837
South	3,312	17.6	23.6	16.9	13.3	8.5	7.6	7.6	3.4	1.6	12,283
West	644	11.0	19.2	16.7	10.9	10.3	10.7	12.3	4.9	4.0	16,592
In metropolitan areas	4,933	15.7	20.2	16.2	12.2	10.2	8.7	9.6	4.6	2.6	14,205
In central cities	3,498	18.2	21.3	16.4	12.3	9.5	7.8	8.0	4.7	2.0	12,798
Outside central cities	1,435	9.9	17.4	15.7	11.8	12.1	10.8	13.6	4.4	4.2	17,718
Outside metropolitan areas	1,480	19.8	26.5	17.6	13.1	7.6	6.6	6.3	1.8	.8	10,965
Householder completed [2]—											
Elementary school:											
Less than 8 years	974	18.6	33.9	17.6	12.0	7.0	4.4	4.5	1.3	.5	9,541
8 years	369	21.6	27.9	19.2	10.3	6.8	7.1	6.1	.8	-	10,118
High school:											
1-3 years	1,304	22.1	24.6	17.9	11.0	7.3	8.0	5.7	2.4	1.1	10,836
4 years	1,962	13.1	18.3	15.2	14.8	12.4	9.9	10.2	4.4	1.7	16,039
College:											
1-3 years	822	8.2	15.5	16.5	12.9	13.8	10.7	11.0	7.9	3.4	18,865
4 years or more	461	1.5	7.3	9.3	12.3	11.3	11.2	24.5	10.9	11.7	28,400
SPANISH ORIGIN [3]											
Total	**3,305**	**10.0**	**18.0**	**17.6**	**15.2**	**12.0**	**8.6**	**10.9**	**4.5**	**3.5**	**16,402**
Northeast	624	15.3	24.7	15.6	14.1	9.9	5.4	8.2	4.6	2.4	13,264
North Central	*246*	*10.1*	*13.8*	*12.6*	*17.0*	*13.4*	*12.5*	*13.3*	*4.4*	*2.8*	*18,647*
South	1,127	9.7	17.7	18.0	14.4	12.6	9.3	11.4	3.3	3.7	16,475
West	1,308	7.8	15.7	19.2	15.9	12.2	8.9	11.1	5.4	3.9	17,318
In metropolitan areas	2,827	9.8	18.1	17.1	14.5	11.8	9.0	11.2	4.8	3.6	16,624
In central cities	1,639	11.5	19.9	17.9	14.7	10.8	8.5	10.4	3.9	2.5	15,258
Outside central cities	1,188	7.6	15.7	15.9	14.2	13.3	9.7	12.3	6.0	5.4	18,642
Outside metropolitan areas	478	11.0	16.9	20.7	18.9	12.7	6.3	8.8	2.5	2.2	15,368
Householder completed [2]—											
Elementary school:											
Less than 8 years	941	12.3	26.6	22.9	14.5	7.9	5.9	6.7	2.1	1.2	12,037
8 years	283	13.0	17.3	15.5	19.4	13.8	8.5	7.4	2.9	2.1	16,113
High school:											
1-3 years	402	10.7	18.7	17.9	16.7	14.5	8.2	9.9	2.2	1.2	15,689
4 years	773	6.0	14.6	14.7	15.0	13.2	11.3	14.9	6.3	3.9	19,914
College:											
1-3 years	348	4.3	7.8	13.9	13.9	15.9	10.9	18.5	9.8	5.2	22,823
4 years or more	237	2.9	5.5	11.4	10.5	15.6	11.4	15.6	9.3	17.8	26,487

- Represents zero. [1] Includes other races not shown separately. [2] Restricted to families with householder 25 years old and over. [3] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 137.

No. 765. Money Income of Families—Income and Percent of Aggregate Income at Selected Positions Received by Each Fifth and Top 5 Percent of Families: 1982

[Families as of **March 1983.** For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970,* series G 31-138]

ITEM	All families	RACE			REGION			
		White	Black and other		Northeast	North Central	South	West
			Total	Black				
Number (1,000)	61,393	53,407	7,987	6,530	12,575	15,721	21,111	11,586
INCOME AT SELECTED POSITIONS (dollars)								
Upper limit of each fifth:								
Lowest	11,200	12,428	6,063	5,596	11,927	11,960	10,100	12,000
Second	19,354	20,468	11,500	10,438	20,402	20,315	17,360	20,159
Third	27,750	28,930	19,600	17,550	29,053	28,209	25,534	29,214
Fourth	39,992	41,090	30,129	27,200	41,300	39,460	37,498	42,941
Top 5 percent	64,000	65,665	48,860	42,510	65,000	61,070	62,600	68,880
PERCENT DISTRIBUTION OF AGGREGATE INCOME								
Lowest fifth	4.7	5.2	3.8	3.9	5.0	5.0	4.5	4.7
Second fifth	11.2	11.6	9.0	9.1	11.5	11.8	10.7	11.1
Third fifth	17.1	17.2	15.8	15.9	17.4	17.7	16.6	16.9
Fourth fifth	24.3	24.1	25.3	25.8	24.5	24.4	24.0	24.3
Highest fifth	42.7	42.1	46.2	45.3	41.6	41.2	44.3	43.0
Top 5 percent	16.0	15.7	17.1	16.1	15.2	15.0	17.1	15.9

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 140.

No. 766. Money Income of Families—Aggregate, Mean, and Per Capita Income, by Family Characteristics: 1981

[Families as of **March 1982.** Based on Current Population Survey; see headnote, table 762]

CHARACTERISTIC	ALL RACES [1]				WHITE				BLACK			
	All families (1,000)	Aggregate income (bil. dol.)	Mean income [2] (dol.)	Per capita income (dol.)	All families (1,000)	Aggregate income (bil. dol.)	Mean income [2] (dol.)	Per capita income (dol.)	All families (1,000)	Aggregate income (bil. dol.)	Mean income [2] (dol.)	Per capita income (dol.)
Total families	**61,019**	**1,576.6**	**25,836**	**7,941**	**53,269**	**1,434.8**	**26,934**	**8,444**	**6,413**	**107.1**	**16,696**	**4,571**
Age of householder:												
15 to 24 years	3,621	56.2	15,528	5,632	3,030	49.7	16,399	6,075	522	5.5	10,487	3,446
25 to 34 years	14,449	330.2	22,855	6,757	12,205	290.9	23,837	7,114	1,846	30.0	16,256	4,616
35 to 44 years	13,003	380.9	29,114	7,332	11,359	344.9	30,361	7,707	1,399	26.8	19,172	4,617
45 to 54 years	10,710	343.5	32,070	8,861	9,363	313.6	33,495	9,445	1,089	21.6	19,812	4,906
55 to 64 years	9,752	287.6	29,492	10,585	8,802	268.9	30,547	11,336	794	14.4	18,093	5,005
65 years and over	9,403	178.1	18,945	8,171	8,511	166.8	19,599	8,696	763	8.8	11,566	3,913
Marital status of householder:												
Male householder, total	49,513	1,368.3	28,039	8,507	44,968	1,283.5	28,542	8,792	3,442	74.1	21,531	5,788
Married:												
Wife present	47,527	1,343.4	28,266	8,509	43,326	1,244.8	28,732	8,784	3,168	69.3	21,872	5,777
Wife absent	274	6.6	24,108	8,691	236	5.9	24,863	9,283	32	.6	(B)	(B)
Separated	227	5.2	23,063	8,234	194	4.6	23,928	8,851	29	.5	(B)	(B)
Widowed	364	8.7	23,819	8,020	295	7.7	26,018	9,002	59	.8	(B)	(B)
Divorced	681	15.9	23,298	8,846	588	14.1	23,980	9,300	78	1.5	19,288	6,379
Single	663	13.7	20,621	8,218	524	11.0	21,010	8,722	104	1.9	18,394	6,759
Female householder, total	11,506	188.3	16,364	5,327	8,301	151.3	18,226	6,320	2,971	33.0	11,096	3,105
Married:												
Husband present	2,103	58.8	27,947	8,699	1,680	49.7	29,591	9,783	366	7.6	20,640	5,191
Husband absent	1,859	18.7	10,078	2,934	1,161	12.2	10,498	3,276	668	6.2	9,345	2,442
Separated	1,651	16.2	9,808	2,847	996	10.0	10,066	3,139	628	5.9	9,382	2,452
Widowed	2,462	43.4	17,621	5,996	1,895	36.4	19,212	7,009	514	5.9	11,501	3,174
Divorced	3,478	50.3	14,475	4,890	2,838	42.7	15,049	5,264	576	6.8	11,875	3,451
Single	1,604	17.1	10,629	3,651	726	10.3	14,127	5,617	846	6.4	7,569	2,321
Occupation of householder:												
White-collar workers	21,107	751.6	35,609	10,710	19,345	703.2	36,353	10,994	1,285	31.2	24,310	7,192
Blue-collar workers	16,383	421.4	25,724	7,272	14,489	378.1	26,097	7,493	1,565	35.1	22,414	5,663
Farm workers	1,411	22.4	15,904	4,631	1,318	21.3	16,146	4,784	74	.8	(B)	(B)
Service workers	3,784	74.2	19,603	5,744	2,856	59.6	20,534	6,258	812	12.9	15,936	4,182
Size of family:												
Two persons	24,426	552.3	22,612	11,251	22,072	519.4	23,530	11,726	2,024	26.7	13,203	6,460
Three persons	14,079	370.3	26,305	8,682	12,248	337.4	27,545	9,093	1,550	26.2	16,886	5,565
Four persons	12,594	365.0	28,978	7,232	10,996	331.9	30,177	7,530	1,264	23.3	18,407	4,604
Five persons	5,971	173.7	29,092	5,802	5,020	153.7	30,617	6,108	757	14.7	19,450	3,866
Six persons	2,409	71.6	29,723	4,948	1,900	59.8	31,456	5,221	406	8.3	20,535	3,468
Seven persons or more	1,539	43.7	28,359	3,662	1,031	32.7	31,698	4,169	412	7.8	19,048	2,365

B Base less than 75,000. [1] Includes other races not shown separately. [2] For definition of mean, see *Guide to Tabular Presentation.*

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 137.

No. 767. Median Money Income of Families and Unrelated Individuals, in Current and Constant (1981) Dollars: 1955 to 1981

[See headnote, table 762. Unrelated individuals are persons not living with any relatives. See text, pp. 4 and 446. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series G 179–188]

ITEM	1955	1960	1965	1970	1975	1980	1981
CURRENT DOLLARS							
Families:[1]							
Married-couple families	4,599	5,873	7,330	10,516	14,867	23,141	25,065
Wife in paid labor force	5,622	6,900	8,633	12,276	17,237	26,879	29,247
Wife not in paid labor force	4,326	5,520	6,706	9,304	12,752	18,972	20,325
Male householder, no wife present	4,190	4,860	6,515	9,012	12,995	17,519	19,889
Female householder, no husband present	2,471	2,968	3,535	5,093	6,844	10,408	10,960
Unrelated individuals:							
Male	1,831	2,480	3,194	4,540	6,612	10,939	11,848
Female	1,054	1,377	2,267	2,483	3,978	6,668	7,370
CONSTANT (1981) DOLLARS							
Families:[1]							
Married-couple families	15,621	18,036	21,129	24,631	25,123	25,541	25,065
Wife in paid labor force	19,095	21,190	24,885	28,753	29,128	29,667	29,247
Wife not in paid labor force	14,693	16,952	19,330	21,792	21,549	20,940	20,325
Male householder, no wife present	14,231	14,925	18,780	21,108	21,959	19,336	19,889
Female householder, no husband present	8,393	9,115	10,190	11,929	11,565	11,488	10,960
Unrelated individuals:							
Male	6,219	7,616	9,207	10,634	11,173	12,074	11,848
Female	3,580	4,229	6,535	5,816	6,722	7,360	7,370

[1] Beginning 1980, based on household concept. Restricted to primary families; see source.

No. 768. Money Income of Families—Type of Family, by Income Level: 1981

[**In thousands, except dollars.** Families as of **March 1982.** Based on Current Population Survey; see headnote, table 762]

TYPE OF FAMILY	Number of families	INCOME LEVEL								Median income (dol.)
		Under $5,000	$5,000–$9,999	$10,000–$14,999	$15,000–$19,999	$20,000–$24,999	$25,000–$34,999	$35,000–$49,999	$50,000 and over	
Total	**61,019**	**3,549**	**7,003**	**8,264**	**7,661**	**7,667**	**12,344**	**9,100**	**5,432**	**22,388**
Married-couple families	49,630	1,495	4,357	6,106	6,220	6,551	11,181	8,508	5,213	25,065
Wife in paid labor force	25,002	331	1,016	1,986	2,762	3,415	6,730	5,725	3,037	29,247
Wife employed	23,237	279	813	1,704	2,474	3,135	6,361	5,505	2,967	29,866
Wife unemployed	1,765	53	203	282	288	280	369	220	71	21,097
Wife not in paid labor force	*24,628*	*1,164*	*3,341*	*4,119*	*3,458*	*3,136*	*4,453*	*2,783*	*2,176*	*20,325*
Male householder, no wife present	1,986	120	272	341	266	279	367	232	107	19,889
Female householder, no husband present	*9,403*	*1,934*	*2,374*	*1,818*	*1,174*	*837*	*794*	*360*	*111*	*10,960*

No. 769. Median Family Money Income by Number of Earners and Race of Householder: 1981

[See headnote, table 762. For definition of median, see Guide to Tabular Presentation]

YEAR AND NUMBER OF EARNERS	ALL FAMILIES, MEDIAN FAMILY INCOME (dollars)			FAMILIES WITH HOUSEHOLDER, YEAR-ROUND FULL-TIME WORKER						BLACK-WHITE MEDIAN FAMILY INCOME RATIO	
				Percent of all families			Median family income (dollars)				
	All races[1]	White	Black	All races[1]	White	Black	All races[1]	White	Black	All families	Families with householder year-round full-time worker
All families[2]	**22,433**	**23,574**	**13,221**	**57.6**	**59.1**	**45.0**	**28,680**	**29,359**	**21,697**	**.56**	**.74**
No earners	9,410	10,684	4,890	–	–	–	(B)	(B)	(B)	.46	(X)
1 earner	17,626	19,132	10,968	55.2	56.8	44.2	21,462	22,297	13,269	.57	.60
2 earners	26,860	27,312	22,649	72.2	72.8	66.1	29,375	29,734	25,756	.83	.87
3 earners	34,298	35,156	25,407	76.5	77.4	67.8	36,628	37,183	28,117	.72	.76
4 earners or more	41,989	42,879	32,319	81.1	83.0	65.5	44,231	44,843	36,629	.75	.82

– Represents zero or rounds to zero. B Base less than 75,000. X Not applicable. [1] Includes other races not shown separately. [2] Civilian members 15 years old and over.

Source of tables 767–769: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 137, and earlier issues.

No. 770. Money Income of Families—Median Income, 1959 to 1979, and Percent Distribution by Money Income Level, 1979, By State

[Families as of April of following year. For definition of median, see Guide to Tabular Presentation. See also Historical Statistics, Colonial Times to 1970, series G 205-256 and Appendix III]

State	Median family income				1979					
	1959	1969	1979		Number of families (1,000)	Percent distribution by income level				
			Income	Rank		Under $10,000	$10,000 to $24,999	$25,000 to $34,999	$35,000 to $49,999	$50,000 or more
U.S.	**$5,660**	**$9,586**	**$19,917**	**(X)**	**59,190**	**20.4**	**44.2**	**19.1**	**10.7**	**5.6**
Alabama	3,937	7,263	16,347	46	1,043	28.7	45.6	15.5	7.1	3.2
Alaska	7,305	12,441	26,395	1	97	14.6	29.0	18.1	20.2	18.2
Arizona	5,568	9,185	19,017	30	710	21.1	46.1	18.3	9.7	4.8
Arkansas	3,184	6,271	14,641	49	628	31.8	47.8	12.5	5.2	2.8
California	6,726	10,729	21,537	10	5,978	18.4	40.5	19.9	13.4	7.9
Colorado	5,780	9,552	21,279	12	744	17.1	43.7	20.6	12.2	6.4
Connecticut	6,887	11,808	23,149	2	818	13.8	41.4	22.3	13.8	8.6
Delaware	6,197	10,209	20,817	17	155	18.7	43.1	20.2	11.6	6.3
District of Columbia	5,993	9,576	19,099	(X)	136	25.0	37.5	15.2	11.7	10.5
Florida	4,722	8,261	17,280	39	2,706	24.1	47.1	15.6	8.2	5.0
Georgia	4,208	8,165	17,414	37	1,432	25.6	45.3	16.4	8.3	4.4
Hawaii	6,366	11,552	22,750	5	228	17.0	38.1	19.8	15.9	9.2
Idaho	5,259	8,380	17,492	36	248	22.4	50.4	16.5	7.4	3.3
Illinois	6,566	10,957	22,746	6	2,945	16.3	39.8	22.6	13.9	7.4
Indiana	5,798	9,966	20,535	18	1,462	17.3	46.7	21.1	10.5	4.3
Iowa	5,069	9,016	20,052	20	773	18.1	47.9	19.8	9.6	4.6
Kansas	5,295	8,690	19,707	26	638	18.7	47.7	19.1	9.5	5.0
Kentucky	4,051	7,439	16,444	45	986	28.7	45.3	15.8	7.0	3.2
Louisiana	4,272	7,527	18,088	33	1,074	26.7	41.6	17.6	9.0	5.0
Maine	4,873	8,205	16,167	47	295	25.0	53.6	14.0	5.1	2.2
Maryland	6,309	11,057	23,112	3	1,094	15.5	39.3	21.5	15.3	8.4
Massachusetts	6,272	10,833	21,166	14	1,445	17.5	43.9	20.7	11.9	6.0
Michigan	6,256	11,029	22,107	8	2,405	17.7	40.2	21.8	13.8	6.5
Minnesota	5,573	9,928	21,185	13	1,044	17.2	44.5	21.6	11.1	5.6
Mississippi	2,884	6,068	14,591	50	645	33.4	45.4	12.7	5.6	2.9
Missouri	5,127	8,908	18,784	31	1,317	21.9	46.3	18.4	9.1	4.4
Montana	5,403	8,509	18,413	32	208	21.5	49.3	17.6	7.8	3.7
Nebraska	4,862	8,562	19,122	29	415	19.3	49.4	18.2	8.6	4.4
Nevada	6,736	10,687	21,311	11	209	16.1	44.5	21.0	12.2	6.3
New Hampshire	5,636	9,682	19,723	25	240	16.8	50.5	19.7	8.9	4.1
New Jersey	6,786	11,403	22,906	4	1,942	15.9	39.5	21.8	14.6	8.2
New Mexico	5,371	7,845	16,928	42	335	26.5	45.8	15.7	8.1	3.9
New York	6,371	10,609	20,180	19	4,468	21.1	42.1	18.9	11.4	6.5
North Carolina	3,956	7,770	16,792	43	1,583	25.3	49.7	15.3	6.6	3.2
North Dakota	4,530	7,836	18,023	34	168	22.1	48.9	17.6	7.7	3.7
Ohio	6,171	10,309	20,909	16	2,864	17.4	45.4	21.5	11.0	4.7
Oklahoma	4,620	7,720	17,668	35	831	24.2	46.7	16.6	8.2	4.2
Oregon	5,892	9,487	20,027	21	704	19.1	46.2	19.8	10.0	4.9
Pennsylvania	5,719	9,554	19,995	24	3,148	18.3	47.4	19.8	9.9	4.6
Rhode Island	5,589	9,733	19,448	28	246	19.3	48.4	18.8	9.3	4.2
South Carolina	3,821	7,620	16,978	41	810	25.4	48.7	16.0	6.8	3.2
South Dakota	4,251	7,490	15,993	48	179	27.7	49.8	14.3	5.4	2.8
Tennessee	3,949	7,446	16,564	44	1,252	27.1	47.4	15.2	6.9	3.5
Texas	4,884	8,486	19,618	27	3,697	21.7	43.1	18.7	10.6	5.9
Utah	5,899	9,320	20,024	22	354	17.2	49.0	19.7	9.8	4.3
Vermont	4,890	8,928	17,205	40	129	22.2	52.3	15.4	6.9	3.2
Virginia	4,964	9,044	20,018	23	1,405	19.8	44.1	18.5	11.3	6.3
Washington	6,225	10,404	21,696	9	1,086	17.0	42.7	21.8	12.5	6.0
West Virginia	4,572	7,414	17,308	38	531	25.5	47.8	16.7	6.9	3.1
Wisconsin	5,926	10,065	20,915	15	1,215	16.7	46.6	21.4	10.5	4.9
Wyoming	5,877	8,944	22,430	7	123	14.6	42.9	23.9	12.8	5.8

X Not applicable.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. 1, and *1980 Census of Population and Housing*, Vol. 1, chapter C (PC 80-1-C).

No. 771. Money Income of Families—Percent Distribution by Income Level, and Median Income in Constant (1981) Dollars, by Region: 1960 to 1981

[Families as of **March** of following year. For composition of regions, see fig. I, inside front cover. Beginning 1975, data not strictly comparable with earlier years due to revised procedures. See also headnote, table 762. For definition of median, see Guide to Tabular Presentation]

Region and income level	1960	1970	1975	1980	1981
Northeast	100.0	100.0	100.0	100.0	100.0
Under $5,000	5.5	3.5	3.1	4.8	5.2
$5,000–$9,999	11.4	8.5	10.4	10.5	10.1
$10,000–$14,999	16.6	10.7	11.7	11.7	12.5
$15,000–$19,999	25.1	17.2	13.2	12.5	12.4
$20,000–$24,999	12.7	10.7	13.1	13.1	13.0
$25,000–$34,999	28.6	27.8	27.0	21.5	20.9
$35,000–$49,999		12.6	12.4	16.2	16.5
$50,000 and over		9.0	9.1	9.9	9.5
North Central	100.0	100.0	100.0	100.0	100.0
Under $5,000	8.9	4.2	3.5	4.9	5.1
$5,000–$9,999	14.1	9.4	9.7	10.2	10.5
$10,000–$14,999	15.6	11.2	11.5	11.8	13.5
$15,000–$19,999	24.9	17.6	12.9	12.8	12.3
$20,000–$24,999	12.1	10.7	13.7	13.1	13.1
$25,000–$34,999	24.4	27.8	28.2	22.0	21.8
$35,000–$49,999		11.8	12.3	16.7	15.9
$50,000 and over		7.4	8.2	8.6	7.8
South	100.0	100.0	100.0	100.0	100.0
Under $5,000	17.4	7.9	6.5	7.3	7.2
$5,000–$9,999	19.5	12.7	13.7	12.7	13.6
South—Con.					
$10,000–$14,999	18.7	14.6	14.5	14.1	14.5
$15,000–$19,999	20.1	18.2	13.6	13.2	13.1
$20,000–$24,999	9.1	10.5	13.0	12.4	12.4
$25,000–$34,999	15.3	21.0	22.4	19.4	18.9
$35,000–$49,999		9.1	9.8	13.1	12.3
$50,000 and over		6.0	6.6	7.7	8.1
West	100.0	100.0	100.0	100.0	100.0
Under $5,000	5.7	4.1	4.0	4.4	4.9
$5,000–$9,999	10.3	9.9	10.8	10.1	10.5
$10,000–$14,999	14.1	11.1	13.0	12.4	13.2
$15,000–$19,999	23.1	17.4	11.2	11.8	12.2
$20,000–$24,999	12.5	10.7	13.1	12.2	11.7
$25,000–$34,999	34.4	26.6	26.7	20.5	19.9
$35,000–$49,999		11.9	12.3	16.7	16.6
$50,000 and over		8.2	8.9	11.7	11.1
Median income (dol.)					
Northeast	18,601	25,052	24,470	24,123	23,706
North Central	17,771	24,188	24,572	17,132	23,118
South	13,464	20,031	20,677	21,128	20,582
West	20,101	24,062	24,192	24,592	23,873

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 137.

No. 772. Per Capita Money Income, by State: 1959 to 1979

[Persons as of **April** of following year]

State	1959	1969	1979	
			Income	Rank
U.S	$1,850	$3,119	$7,298	(x)
Alabama	1,246	2,317	5,894	45
Alaska	2,259	3,725	10,193	1
Arizona	1,764	2,937	7,041	27
Arkansas	1,125	2,142	5,614	49
California	2,308	3,614	8,295	4
Colorado	1,889	3,106	7,998	9
Connecticut	2,352	3,885	8,511	2
Delaware	2,086	3,265	7,449	18
District of Columbia	2,404	3,842	8,960	(x)
Florida	1,728	3,058	7,270	21
Georgia	1,359	2,640	6,402	36
Hawaii	1,863	3,373	7,740	11
Idaho	1,608	2,644	6,248	38
Illinois	2,182	3,495	8,066	8
Indiana	1,832	3,070	7,142	24
Iowa	1,648	2,884	7,136	25
Kansas	1,775	2,929	7,350	19
Kentucky	1,322	2,425	5,978	44
Louisiana	1,369	2,330	6,430	34
Maine	1,514	2,548	5,768	47
Maryland	2,003	3,512	8,293	5
Massachusetts	2,050	3,408	7,458	16
Michigan	1,940	3,357	7,688	12
Minnesota	1,734	3,038	7,451	17
Mississippi	967	1,925	5,183	50
Missouri	1,751	2,952	6,917	30
Montana	1,679	2,696	6,589	33
Nebraska	1,629	2,797	6,936	29
Nevada	2,356	3,554	8,453	3
New Hampshire	1,794	2,985	6,966	28
New Jersey	2,260	3,674	8,127	6
New Mexico	1,599	2,437	6,119	43
New York	2,236	3,608	7,498	14
North Carolina	1,252	2,474	6,133	42
North Dakota	1,357	2,469	6,417	35
Ohio	1,957	3,199	7,285	20
Oklahoma	1,613	2,694	6,858	32
Oregon	1,949	3,148	7,557	13
Pennsylvania	1,855	3,066	7,077	26
Rhode Island	1,818	3,121	6,897	31
South Carolina	1,142	2,303	5,886	46
South Dakota	1,327	2,387	5,697	48
Tennessee	1,318	2,464	6,213	39
Texas	1,626	2,792	7,205	23
Utah	1,695	2,697	6,305	37
Vermont	1,516	2,772	6,178	40
Virginia	1,598	2,996	7,478	15
Washington	2,033	3,357	8,073	7
West Virginia	1,378	2,333	6,141	41
Wisconsin	1,844	3,032	7,243	22
Wyoming	1,888	2,895	7,927	10

X Not applicable.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. 1, and *1980 Census of Population and Housing*, vol. 1, chapter C (PC80-1-C).

NO. 773. MONEY INCOME OF PERSONS—PERCENT DISTRIBUTION BY INCOME LEVEL, MEDIAN, AND MEAN INCOME, BY SEX, 1960 TO 1981, AND BY RACE, SPANISH ORIGIN, REGION, AND AGE, 1981

[For 1960–1975, persons 14 years old and over; thereafter, 15 years old and over. As of **March** of following year. Based on Current Population Survey; see headnote, table 762. For *definitions of median and mean*, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series G 257–268, for percent distribution by income level, and median income]

SEX, YEAR, RACE, SPANISH ORIGIN, REGION, AND AGE	All persons (mil.)	PERSONS WITH INCOME										
		Total (mil.)	Percent distribution by income (in dollars) level—								Median income (dol.)	Mean income (dol.)
			1 to 1,999 or less [1]	2,000–3,999	4,000–5,999	6,000–7,999	8,000–9,999	10,000–14,999	15,000–24,999	25,000 and over		
MALE												
1960	60.4	55.2	27.6	21.4	24.7	14.7	5.5	4.1	1.4	.6	4,080	4,617
1970	70.6	65.0	18.8	13.7	12.9	14.7	13.2	17.7	6.8	2.3	6,670	7,537
1975	77.6	71.2	12.9	12.0	10.8	10.0	9.6	21.7	17.5	5.4	8,853	10,429
1979	80.2	76.5	9.5	9.2	8.4	8.3	7.0	17.8	25.7	14.1	11,845	14,369
1980	82.9	78.7	9.1	8.0	8.2	7.8	6.8	17.1	25.5	17.5	12,530	15,340
1981	84.0	79.7	8.9	7.6	7.6	7.5	6.6	15.8	24.5	21.4	13,473	16,515
White	73.3	70.4	8.4	7.0	7.2	7.2	6.4	15.6	25.2	22.9	14,296	17,195
Black	8.6	7.5	13.1	13.6	11.0	18.1		17.3	18.5	8.4	8,501	10,531
Spanish origin [2]	4.6	4.1	9.6	9.4	9.7	20.3		19.2	21.4	10.3	10,203	12,324
Northeast	18.4	17.3	8.2	6.8	7.9	13.6		16.2	25.7	21.7	13,963	16,627
No. Central	21.4	20.5	9.6	7.3	7.0	13.4		14.8	25.9	21.9	14,192	16,518
South	27.8	26.2	9.0	9.0	7.9	15.5		17.0	22.5	19.1	12,200	15,618
West	16.4	15.6	8.5	6.8	7.7	13.3		14.7	24.6	24.2	14,600	17,557
15–19 years	9.8	6.9	55.1	20.9	10.4	9.2		3.2	.9	.3	1,816	2,802
20–24 years	10.4	9.8	12.8	13.8	11.7	22.6		20.9	15.2	2.9	7,915	9,066
25–34 years	19.1	18.7	3.9	4.4	4.7	12.1		20.1	34.9	19.9	16,092	17,202
35–44 years	13.4	13.3	3.0	3.1	2.6	7.5		13.4	32.8	37.6	21,117	23,254
45–54 years	10.8	10.6	3.4	3.4	3.9	8.4		13.2	29.1	38.6	21,022	23,232
55–64 years	10.2	10.1	3.3	4.1	6.6	13.2		15.6	27.0	30.2	17,365	20,875
65 yr. and over	10.3	10.2	1.9	12.5	18.7	26.2		17.5	12.7	8.5	17,288	24,264
FEMALE												
1960	65.3	36.5	62.8	25.0	9.8	1.8	.3		.2		1,261	1,861
1970	77.6	51.6	46.7	22.1	15.7	6.6	3.8	2.5	.4	.2	2,237	3,138
1975	85.0	60.8	31.9	24.0	15.4	11.2	7.3	7.9	2.2	.3	3,385	4,513
1979	88.0	78.2	28.0	19.5	12.7	11.3	7.8	12.7	6.7	1.2	4,354	6,032
1980	91.1	80.8	24.8	18.6	13.3	10.3	7.9	14.2	9.0	1.9	4,920	6,772
1981	92.2	82.1	22.8	17.2	13.4	10.0	7.9	15.0	10.9	2.7	5,458	7,440
White	79.6	71.6	23.2	16.4	13.3	9.9	8.0	15.1	11.1	2.9	5,519	7,519
Black	10.5	8.8	18.8	24.3	14.3	18.2		13.8	9.1	1.4	4,903	6,728
Spanish origin [2]	5.0	3.8	24.1	18.3	14.7	20.5		13.8	7.3	1.3	5,060	6,389
Northeast	20.5	18.2	21.6	17.0	14.8	18.0		15.0	10.8	2.8	5,501	7,468
No. Central	23.4	21.2	24.3	16.8	13.3	18.1		14.7	10.6	2.2	5,262	7,179
South	31.0	27.1	23.0	19.2	12.2	18.2		15.1	9.9	2.4	5,217	7,201
West	17.4	15.6	21.5	14.5	14.1	17.3		15.3	13.3	3.9	5,974	8,176
15–19 years	9.8	6.5	58.4	23.0	9.9	6.7		1.6	.3	.1	1,714	2,301
20–24 years	10.7	9.6	21.9	17.3	14.7	24.2		16.7	4.6	.5	5,429	6,249
25–34 years	19.6	17.8	22.7	10.2	9.4	17.9		20.7	16.2	2.8	7,598	8,652
35–44 years	14.0	12.7	21.5	11.2	10.8	17.8		18.0	16.3	4.4	7,366	8,993
45–54 years	11.6	10.3	23.4	11.6	10.0	18.5		17.3	14.9	4.2	7,030	8,663
55–64 years	11.7	10.6	23.8	17.7	12.2	16.8		14.3	11.5	3.6	5,375	7,670
65 yr. and over	14.9	14.7	7.5	31.7	24.5	19.4		9.3	5.5	2.0	9,556	13,539

[1] Includes persons with income deficit. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 137.

NO. 774. MEDIAN MONEY INCOME OF YEAR-ROUND FULL-TIME WORKERS WITH INCOME, BY SEX AND AGE: 1970 TO 1981

[Age as of **March** of following year. Refers to civilian workers. For definition of median, see Guide to Tabular Presentation]

AGE	WOMEN				MEN			
	1970	1975	1980	1981	1970	1975	1980	1981
Total with income	**$5,440**	**$7,719**	**[1] $11,591**	**[1] $12,457**	**$9,184**	**$13,144**	**[1] $19,173**	**[1] $20,692**
14–19 years	3,763	4,568	[2] 6,779	[2] 7,598	3,950	5,657	[2] 7,753	[2] 8,252
20–24 years	4,928	6,598	9,407	10,173	6,655	8,521	12,109	12,408
25–34 years	5,923	8,401	12,190	13,377	9,126	12,777	17,724	19,185
35–44 years	5,531	8,084	12,239	13,552	10,258	14,730	21,777	23,368
45–54 years	5,588	7,980	12,116	12,784	9,931	14,808	22,323	24,096
55–64 years	5,468	7,785	11,931	12,903	9,071	13,518	21,053	23,013
65 years and over	4,884	7,250	12,342	14,487	6,754	11,501	17,307	20,647

[1] For 1980 and 1981, restricted to 15 years old and over. [2] For 1980 and 1981, restricted to 15 to 19 years.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 137, and earlier issues.

NO. 775. EXPECTED LIFETIME EARNINGS IN CONSTANT (1981) DOLLARS FOR MALES AND FEMALES, BY AGE AND YEARS OF SCHOOL COMPLETED: 1979

[**In thousands of dollars.** *Data represent estimates of expected lifetime earnings* from specified age to age 64. Estimates for workers at a particular age were calculated by summing the product of the mean earnings at each age from a specified age to age 64, the probability of surviving to each age from the starting age, and the probability of being employed at each age. Discount rates (difference between interest rates and the rate of inflation) are used to deflate future earnings into present value (constant 1981 dollars). Productivity rates represent growth in real earnings adjusting for inflation. For additional information on methodology, see source]

SEX, AGE, AND YEARS OF SCHOOL COMPLETED	DISCOUNT RATE OF 0 PERCENT WITH ANNUAL *PRODUCTIVITY INCREASE* OF—				DISCOUNT RATE OF 3 PERCENT WITH ANNUAL PRODUCTIVITY INCREASE OF—				DISCOUNT RATE OF 5 PERCENT WITH ANNUAL PRODUCTIVITY INCREASE OF—			
	0 percent	1 percent	2 percent	3 percent	0 percent	1 percent	2 percent	3 percent	0 percent	1 percent	2 percent	3 percent
MALES												
Age 18:												
Less than 12 yrs	601	772	1,001	1,311	300	369	460	580	200	240	291	356
High school, 4 yrs	861	1,104	1,430	1,872	432	531	660	830	289	346	419	512
College, 1–3 yrs	957	1,242	1,627	2,151	461	574	724	921	299	363	446	553
College, 4 yrs	1,190	1,560	2,062	2,748	553	698	890	1,145	349	430	534	671
College, 5 yrs or more	1,301	1,712	2,273	3,042	596	756	968	1,251	373	462	576	726
Age 25:												
Less than 12 yrs	563	685	840	1,038	326	384	456	545	237	273	318	372
High school, 4 yrs	803	976	1,196	1,478	466	548	650	777	339	391	454	531
College, 1–3 yrs	918	1,124	1,386	1,725	522	616	738	889	375	435	508	598
College, 4 yrs	1,165	1,434	1,780	2,226	650	774	930	1,127	461	538	632	749
College, 5 yrs or more	1,273	1,574	1,962	2,465	699	837	1,011	1,231	490	574	679	810
Age 35:												
Less than 12 yrs	441	505	581	672	298	335	378	429	235	261	292	327
High school, 4 yrs	624	715	823	952	422	474	535	607	333	370	413	462
College, 1–3 yrs	736	846	977	1,134	493	556	629	716	388	432	482	542
College, 4 yrs	956	1,102	1,277	1,486	635	717	815	930	496	553	620	699
College, 5 yrs or more	1,065	1,229	1,427	1,664	704	796	906	1,036	548	613	688	776
Age 45:												
Less than 12 yrs	283	308	336	368	219	236	255	277	186	199	215	231
High school, 4 yrs	401	438	478	523	308	334	361	392	261	281	303	327
College, 1–3 yrs	483	528	579	635	369	400	434	472	312	336	363	392
College, 4 yrs	639	699	767	843	486	527	573	624	409	441	477	517
College, 5 yrs or more	715	784	862	949	541	588	641	699	454	491	531	576
Age 55:												
Less than 12 yrs	121	126	132	138	105	109	114	119	96	99	103	108
High school, 4 yrs	178	186	194	203	154	161	168	175	141	146	152	158
College, 1–3 yrs	230	240	251	262	200	208	217	226	182	189	197	205
College, 4 yrs	298	312	327	342	257	268	280	293	233	243	253	264
College, 5 yrs or more	352	368	386	404	303	316	330	345	274	286	298	311
FEMALES												
Age 18:												
Less than 12 yrs	211	268	344	446	108	132	163	204	73	87	105	128
High school, 4 yrs	381	483	619	803	198	241	296	368	136	161	192	232
College, 1–3 yrs	460	586	754	980	236	288	356	444	160	190	229	278
College, 4 yrs	523	666	859	1,119	266	326	403	504	180	214	258	314
College, 5 yrs or more	699	905	1,182	1,557	337	421	530	673	218	266	326	405
Age 25:												
Less than 12 yrs	188	227	276	339	110	129	153	182	81	93	108	126
High school, 4 yrs	330	400	489	604	193	226	268	320	141	162	188	219
College, 1–3 yrs	411	498	608	749	241	283	334	398	177	203	235	274
College, 4 yrs	474	573	700	863	279	326	385	459	205	235	271	316
College, 5 yrs or more	673	819	1,005	1,244	389	458	544	652	282	326	379	444
Age 35:												
Less than 12 yrs	134	154	176	203	92	103	116	131	73	80	90	100
High school, 4 yrs	235	271	313	363	157	177	201	229	123	137	154	173
College, 1–3 yrs	293	337	389	451	196	221	251	285	154	171	192	216
College, 4 yrs	335	386	446	518	224	252	286	326	175	195	219	246
College, 5 yrs or more	512	587	677	784	344	387	438	498	271	301	336	378
Age 45:												
Less than 12 yrs	77	84	92	100	59	64	69	75	50	54	58	63
High school, 4 yrs	145	159	174	191	111	120	130	142	93	101	109	118
College, 1–3 yrs	175	191	210	231	133	144	157	171	111	120	130	141
College, 4 yrs	207	226	248	273	158	171	186	202	133	143	155	167
College, 5 yrs or more	316	345	377	413	242	262	284	308	205	220	236	257
Age 55:												
Less than 12 yrs	30	31	33	34	26	27	28	30	24	25	26	27
High school, 4 yrs	61	64	67	71	53	55	58	60	48	50	52	54
College, 1–3 yrs	77	80	84	87	66	69	72	75	60	63	65	68
College, 4 yrs	93	97	101	105	80	84	87	91	73	76	79	82
College, 5 yrs or more	132	138	144	150	114	119	124	129	104	108	113	117

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 139.

NO. 776. SELECTED MEASURES OF INCOME FOR 50 LARGEST CITIES: 1979

[Persons, families, and households as of **April 1980.** Cities ranked by size of population enumerated as of **April 1, 1980**]

CITY	Median family income (dol.)	Median household income (dol.)	PERSONS BELOW POVERTY LEVEL	
			Number	Percent
New York, N.Y.	16,818	13,854	1,391,981	20.0
Chicago, Ill	18,776	15,301	601,410	20.3
Los Angeles, Calif	19,467	15,735	477,976	16.4
Philadelphia, Pa	16,388	13,169	340,517	20.6
Houston, Tex	21,881	18,474	199,763	12.7
Detroit, Mich	17,033	13,981	258,575	21.9
Dallas, Tex	19,703	16,227	126,245	14.2
San Diego, Calif	20,133	16,408	101,034	12.4
Phoenix, Ariz	20,365	17,419	86,659	11.1
Baltimore, Md	15,721	12,811	176,476	22.9
San Antonio, Tex	15,859	13,775	161,288	20.9
Indianapolis, Ind	20,715	17,279	79,166	11.5
San Francisco, Calif	20,911	15,866	91,195	13.7
Memphis, Tenn	16,921	14,039	138,670	21.8
Washington, D.C	19,099	16,211	113,356	18.6
Milwaukee, Wis	19,738	16,028	85,328	13.8
San Jose, Calif	25,598	22,886	50,569	8.2
Cleveland, Ohio	15,991	12,277	124,860	22.1
Columbus, Ohio	18,612	14,834	89,218	16.5
Boston, Mass	16,062	12,530	106,770	20.2
New Orleans, La	15,003	11,814	143,793	26.4
Jacksonville, Fla	17,646	14,926	84,648	16.0
Seattle, Wash	22,096	16,254	52,995	11.2
Denver, Colo	19,527	15,506	65,829	13.7
Nashville-Davidson, Tenn	19,366	16,109	55,029	12.6
St. Louis, Mo	15,265	11,511	98,849	21.8
Kansas City, Mo	20,034	15,859	57,965	13.2
El Paso, Tex	15,746	14,232	89,250	21.2
Atlanta, Ga	13,591	11,296	112,622	27.5
Pittsburgh, Pa	17,499	13,408	67,285	16.5
Oklahoma City, Okla	19,565	15,907	47,564	12.0
Cincinnati, Ohio	16,800	12,675	73,270	19.7
Ft. Worth, Tex	18,237	15,304	51,998	13.9
Minneapolis, Minn	19,737	14,351	48,029	13.5
Portland, Oreg	19,501	14,782	46,668	13.0
Honolulu, Hawaii	23,712	19,897	35,760	10.0
Long Beach, Calif	19,650	15,394	49,701	14.2
Tulsa, Okla	20,956	16,672	36,689	10.4
Buffalo, N.Y.	15,432	11,593	72,287	20.7
Toledo, Ohio	20,220	16,200	47,486	13.6
Miami, Fla	13,355	11,075	83,723	24.5
Austin, Tex	19,531	14,709	51,893	15.8
Oakland, Calif	17,651	13,780	61,609	18.5
Albuquerque, N. Mex	20,061	16,514	40,656	12.4
Tucson, Ariz	17,395	14,086	47,135	14.7
Newark, N.J.	11,989	10,118	106,895	32.8
Charlotte, N.C.	20,258	16,917	38,343	12.4
Omaha, Nebr	20,458	16,374	34,903	11.4
Louisville, Ky	15,981	12,274	56,241	19.3
Birmingham, Ala	15,210	11,951	61,658	22.0

Source: U.S. Bureau of the Census, *1980 Census of Population,* vol. 1, chapter C (PC80-1-C).

NO. 777. PERSONS BELOW POVERTY LEVEL AND BELOW 125 PERCENT OF POVERTY LEVEL: 1959 TO 1982

[Persons as of **March** of the **following year.** For explanation of poverty level, see text, p. 447]

YEAR	NUMBER BELOW POVERTY LEVEL (mil.)				PERCENT BELOW POVERTY LEVEL				BELOW 125 PERCENT OF POVERTY LEVEL		AVERAGE INCOME CUTOFFS FOR NON-FARM FAMILY OF 4 [3]	
	All races [1]	White	Black	Spanish origin [2]	All races [1]	White	Black	Spanish origin [2]	Number (mil.)	Percent of total population	At poverty level	At 125 percent of poverty level
1959	39.5	28.5	9.9	(NA)	22.4	18.1	55.1	(NA)	54.9	31.1	$2,973	$3,716
1960	39.9	28.3	(NA)	(NA)	22.2	17.8	(NA)	(NA)	54.6	30.4	3,022	3,778
1965	33.2	22.5	(NA)	(NA)	17.3	13.3	(NA)	(NA)	46.2	24.1	3,223	4,029
1966	28.5	20.8	8.9	(NA)	14.7	12.2	41.8	(NA)	41.3	21.3	3,317	4,146
1968	25.4	17.4	7.6	(NA)	12.8	10.0	34.7	(NA)	35.9	18.2	3,553	4,441
1969	24.1	16.7	7.1	(NA)	12.1	9.5	32.2	(NA)	34.7	17.4	3,743	4,679
1970	25.4	17.5	7.5	(NA)	12.6	9.9	33.5	(NA)	35.6	17.6	3,968	4,960
1971	25.6	17.8	7.4	(NA)	12.5	9.9	32.5	(NA)	36.5	17.8	4,137	5,171
1972	24.5	16.2	7.7	2.4	11.9	9.0	33.3	22.8	34.7	16.8	4,275	5,344
1973	23.0	15.1	7.4	2.4	11.1	8.4	31.4	21.9	32.8	15.8	4,540	5,675
1974	23.4	15.7	7.2	2.6	11.2	8.6	30.3	23.0	33.7	16.1	5,038	6,298
1975	25.9	17.8	7.5	3.0	12.3	9.7	31.3	26.9	37.2	17.6	5,500	6,875
1976	25.0	16.7	7.6	2.8	11.8	9.1	31.1	24.7	35.5	16.7	5,815	7,269
1977	24.7	16.4	7.7	2.7	11.6	8.9	31.3	22.4	35.7	16.7	6,191	7,739
1978	24.5	16.3	7.6	2.6	11.4	8.7	30.6	21.6	34.2	15.8	6,662	8,328
1979 [4]	25.3	16.8	7.8	2.9	11.6	8.9	30.9	21.6	35.6	16.3	7,412	9,265
1979 [5]	26.1	17.2	8.1	2.9	11.7	9.0	31.0	21.8	36.6	16.4	7,412	9,265
1980	29.3	19.7	8.6	3.5	13.0	10.2	32.5	25.7	40.7	18.1	8,414	10,518
1981 [6]	31.8	21.6	9.2	3.7	14.0	11.1	34.2	26.5	43.7	19.3	9,287	11,609
1982 [6]	34.4	23.5	9.7	4.3	15.0	12.0	35.6	29.9	46.5	20.3	9,862	12,328

NA Not available. [1] Includes other races not shown separately. [2] Persons of Spanish origin may be of any race. [3] Beginning 1981, income cutoffs for nonfarm families are applied to all families, both farm and nonfarm. [4] Population controls based on 1970 census; see text, pp. 2 and 446. [5] Population controls based on 1980 census; see text, pp. 2 and 446. [6] Data based on revised poverty definition; see text, p. 447 for explanation.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, Nos. 138 and 140.

No. 778. Persons Below Poverty Level by Race and Spanish Origin—States: 1979

[Persons as of April 1980. Represents persons for whom poverty status was determined. For explanation of poverty level, see text, p. 447]

State	Number below poverty level (1,000)				Percent below poverty level			
	All races [1]	White	Black	Spanish origin [2]	All races [1]	White	Black	Spanish origin [2]
U.S	**27,393**	**17,331.7**	**7,646.6**	**3,371.1**	**12.4**	**9.4**	**29.9**	**23.5**
Alabama	720	341.1	374.1	10.0	18.9	12.1	38.5	30.8
Alaska	42	23.1	1.3	1.1	10.7	7.7	10.9	12.5
Arizona	351	214.9	19.0	91.8	13.2	9.7	27.0	21.0
Arkansas	424	264.1	154.7	4.9	19.0	14.3	42.7	29.9
California	2,627	1,575.8	393.5	854.4	11.4	8.9	22.5	19.1
Colorado	285	222.7	20.5	67.1	10.1	8.8	21.4	20.1
Connecticut	243	164.3	53.4	40.3	8.0	6.0	25.4	32.9
Delaware	68	40.5	25.6	3.1	11.9	8.5	27.6	33.5
District of Columbia	113	14.8	96.0	3.2	18.6	9.3	22.0	19.3
Florida	1,287	782.5	453.3	151.0	13.5	9.7	34.7	17.9
Georgia	884	392.6	483.7	13.3	16.6	10.2	34.1	23.4
Hawaii	92	30.7	2.1	11.3	9.9	9.9	16.2	16.5
Idaho	117	105.3	.5	10.5	12.6	11.9	21.3	29.3
Illinois	1,231	648.5	492.9	126.8	11.0	7.2	30.2	20.2
Indiana	516	407.9	96.8	12.6	9.7	8.4	24.1	14.9
Iowa	286	267.7	11.2	4.4	10.1	9.7	28.2	17.5
Kansas	232	187.2	31.5	9.8	10.1	8.9	26.9	16.3
Kentucky	626	541.9	80.4	7.1	17.6	16.4	33.0	28.6
Louisiana	765	295.9	456.9	18.3	18.6	10.4	38.0	18.9
Maine	141	138.9	.4	1.0	13.0	12.9	15.6	20.0
Maryland	405	195.5	198.5	7.8	9.8	6.3	21.3	12.7
Massachusetts	532	436.8	53.5	51.5	9.6	8.4	25.3	37.6
Michigan	946	614.0	300.6	28.8	10.4	7.9	25.8	18.7
Minnesota	375	340.1	13.3	5.7	9.5	8.9	26.6	18.2
Mississippi	587	198.7	384.0	7.8	23.9	12.6	44.4	34.0
Missouri	582	436.0	137.2	7.7	12.2	10.3	27.6	15.6
Montana	94	79.4	.4	1.6	12.3	11.0	25.4	16.7
Nebraska	163	143.5	13.3	4.7	10.7	9.9	29.0	17.2
Nevada	69	51.6	10.2	6.9	8.7	7.4	20.4	12.8
New Hampshire	75	73.9	.6	.8	8.5	8.4	17.0	16.2
New Jersey	689	386.1	233.6	129.2	9.5	6.4	26.0	26.5
New Mexico	226	129.6	6.3	109.1	17.6	13.3	29.3	23.2
New York	2,299	1,284.5	662.8	540.9	13.4	9.4	28.3	33.1
North Carolina	840	432.3	383.7	12.3	14.8	10.0	30.4	24.0
North Dakota	79	70.8	.3	.8	12.6	11.7	13.1	23.8
Ohio	1,089	785.6	282.6	23.4	10.3	8.3	27.0	19.9
Oklahoma	394	285.6	58.3	12.1	13.4	11.3	30.1	21.8
Oregon	274	241.7	10.2	13.4	10.7	9.9	28.3	20.9
Pennsylvania	1,210	862.4	302.6	52.8	10.5	8.3	29.8	35.4
Rhode Island	94	80.8	8.1	4.8	10.3	9.3	31.0	26.4
South Carolina	500	191.7	304.6	8.6	16.6	9.2	33.2	28.2
South Dakota	113	91.0	.3	.8	16.9	14.7	17.3	22.8
Tennessee	736	491.0	239.7	9.1	16.5	13.1	34.2	28.2
Texas	2,036	1,275.6	453.3	823.2	14.7	11.5	27.6	26.0
Utah	148	128.6	2.7	10.9	10.3	9.4	29.4	18.5
Vermont	59	58.2	.2	.4	12.1	12.0	15.9	14.0
Virginia	611	347.6	251.4	10.6	11.8	8.5	26.1	14.2
Washington	396	328.0	20.3	26.1	9.8	8.9	20.9	22.4
West Virginia	287	268.6	16.7	3.0	15.0	14.6	27.0	23.4
Wisconsin	398	330.2	51.0	11.5	8.7	7.6	28.8	18.8
Wyoming	36	32.3	.6	2.9	7.9	7.4	21.6	12.1

[1] Includes other races not shown separately.
[2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of Census, *1980 Census of Population and Housing*, Vol. 1, chapter C (PC80-1-C).

No. 779. Persons Below Poverty Level and Below 125 Percent of Poverty Level, by Race of Householder, and Family Status: 1959 to 1981

[Persons as of **March of following year.** For explanation of poverty level, see text, p. 447]

Race of householder, and family status	1959	1969	1979 [1]	1980 [1]	1981	1959	1969	1979 [1]	1980 [1]	1981
	Number below poverty level (millions)					Number below 125 percent of poverty level (millions)				
All persons [2]	**39.5**	**24.1**	**26.1**	**29.3**	**31.8**	**54.9**	**34.7**	**36.6**	**40.7**	**43.7**
In families	34.6	19.2	20.0	22.6	24.9	49.3	28.6	28.1	31.5	34.2
Householder	8.3	5.0	5.5	6.2	6.9	11.8	7.4	7.8	8.8	9.6
Related children under 18 yr	17.2	9.5	10.0	11.1	12.1	24.3	13.9	13.4	14.7	15.7
Children 5–17 yr	(NA)	7.1	7.1	7.7	8.4	(NA)	3.3	(NA)	10.3	11.0
Other family members	9.0	4.7	4.5	5.3	5.9	13.2	7.3	7.0	8.0	8.9
Unrelated individuals	4.9	5.0	5.7	6.2	6.5	5.6	6.1	8.0	8.7	9.0
White	**28.5**	**16.7**	**17.2**	**19.7**	**21.6**	**41.8**	**24.5**	**25.2**	**28.7**	**31.0**
In families	24.4	12.6	12.5	14.6	16.1	37.2	19.5	18.4	21.4	23.4
Householder	6.2	3.6	3.6	4.2	4.7	9.2	5.4	5.3	6.2	6.8
Related children under 18 yr	11.4	5.7	5.9	6.8	7.4	17.5	8.7	8.2	9.6	10.2
Other family members	6.9	3.4	3.0	3.6	4.0	10.5	5.4	4.8	5.7	6.3
Unrelated individuals	4.0	4.0	4.5	4.8	5.1	4.7	5.0	6.5	6.9	7.2
Black [3]	**11.0**	**7.1**	**8.1**	**8.6**	**9.2**	**13.1**	**9.5**	**10.3**	**10.6**	**11.4**
In families	10.1	6.2	6.8	7.2	7.8	12.1	8.5	8.8	9.0	9.7
Householder	2.1	1.4	1.7	1.8	2.0	2.6	1.9	2.2	2.3	2.5
Related children under 18 yr	5.8	3.7	3.7	3.9	4.2	6.8	4.9	4.7	4.6	4.9
Other family members	2.2	1.2	1.3	1.5	1.6	2.7	1.8	1.9	2.0	2.2
Unrelated individuals	.9	.9	1.2	1.3	1.3	1.0	1.0	1.4	1.6	1.6
In families with female householder, no husband present [2 4]	**10.4**	**10.4**	**13.5**	**14.6**	**15.7**	**11.8**	**13.0**	**17.4**	**18.5**	**19.8**
In families	7.0	6.9	9.4	10.1	11.1	8.0	8.6	11.6	12.3	13.3
Householder	1.9	1.8	2.6	3.0	3.3	2.2	2.3	3.3	3.7	4.0
Related children under 18 yr	4.1	4.2	5.6	5.9	6.3	4.6	5.2	6.7	6.8	7.3
Other family members	1.0	.8	1.1	1.3	1.5	1.2	1.1	1.6	1.8	2.0
Unrelated individuals	3.4	3.5	3.8	4.1	4.3	3.8	4.3	5.4	5.7	6.0
In all other families [2 5]	**29.1**	**13.7**	**12.6**	**14.6**	**16.1**	**43.1**	**21.7**	**19.2**	**22.2**	**24.0**
In families	27.5	12.3	10.6	12.5	13.8	41.3	19.9	16.5	19.2	20.9
Householder	*6.4*	*3.2*	*2.8*	*3.2*	*3.6*	*9.6*	*5.0*	*4.5*	*5.1*	*5.6*
Related children under 18 yr	13.1	5.3	4.4	5.2	5.8	19.7	8.8	6.6	7.9	8.4
Other family members	8.1	3.9	3.4	4.0	4.4	12.1	6.1	5.4	6.2	6.9
Unrelated individuals	1.6	1.4	2.0	2.1	2.2	1.8	1.8	2.7	3.0	3.0
	Percent of persons below poverty level					Percent of persons below 125 percent of poverty level				
All persons [2]	**22.4**	**12.1**	**11.7**	**13.0**	**14.0**	**31.1**	**17.4**	**16.4**	**18.1**	**19.3**
In families	20.8	10.4	10.2	11.5	12.5	29.7	15.4	14.4	16.0	17.2
Householder	18.5	9.7	9.2	10.3	11.2	26.2	14.3	13.1	14.5	15.7
Related children under 18 yr	26.9	13.8	16.0	17.9	19.5	37.9	20.2	21.3	23.7	25.5
Children 5–17 yr	(NA)	13.6	15.3	17.0	18.7	(NA)	6.3	(NA)	22.6	24.5
Other family members	15.9	7.2	6.1	7.1	7.8	23.3	11.3	9.5	10.8	11.7
Unrelated individuals	46.1	34.0	21.9	22.9	23.4	52.7	41.8	30.7	32.0	32.6
White	**18.1**	**9.5**	**9.0**	**10.2**	**11.1**	**26.7**	**14.0**	**13.1**	**14.9**	**15.9**
In families	16.5	7.8	7.4	8.6	9.5	25.2	12.0	10.9	12.7	13.8
Householder	15.2	7.7	6.9	8.0	8.8	22.6	11.7	10.2	11.7	12.8
Related children under 18 yr	20.6	9.7	11.4	13.4	14.7	31.6	14.9	15.9	18.7	20.2
Other family members	13.3	5.8	4.7	5.5	6.1	20.4	9.2	7.5	8.7	9.6
Unrelated individuals	44.1	32.1	19.7	20.4	21.2	50.8	40.0	28.6	29.5	30.3
Black [3]	**56.2**	**32.2**	**31.0**	**32.5**	**34.2**	**66.8**	**43.2**	**39.9**	**40.2**	**42.4**
In families	56.0	30.9	30.0	31.1	33.2	67.0	42.2	39.0	38.8	41.2
Householder	50.4	27.9	27.8	28.9	30.8	61.0	37.9	36.2	36.8	38.8
Related children under 18 yr	66.7	39.6	40.8	42.1	44.9	78.0	52.7	51.1	49.8	53.1
Other family members	42.5	20.0	18.2	19.5	21.2	53.4	29.5	26.1	27.0	29.0
Unrelated individuals	57.4	46.7	37.3	41.0	39.6	64.0	53.9	45.4	49.4	49.2
In families with female householder, no husband present [2 4]	**50.2**	**38.4**	**32.0**	**33.8**	**35.2**	**57.1**	**47.8**	**41.3**	**42.6**	**44.2**
In families	40.4	38.2	34.9	36.7	38.7	56.2	48.0	43.2	44.6	46.5
Householder	42.6	32.7	30.4	32.7	34.6	49.7	41.5	38.2	40.4	42.4
Related children under 18 yr	72.2	54.4	48.6	50.8	52.3	79.4	66.2	58.0	59.3	60.7
Other family members	24.0	17.5	16.9	18.5	21.0	29.8	25.0	23.9	25.8	28.0
Unrelated individuals	52.1	38.7	26.0	27.4	27.7	59.1	47.5	37.0	38.1	39.0
In all other families [2 5]	**18.7**	**8.0**	**7.0**	**8.0**	**8.8**	**27.7**	**12.6**	**10.6**	**12.2**	**13.1**
In families	18.2	7.4	6.3	7.4	8.1	27.3	11.9	9.8	11.3	12.3
Householder	15.8	6.9	5.5	6.3	7.0	28.6	10.9	8.8	10.0	10.8
Related children under 18 yr	22.4	8.6	8.5	10.4	11.6	33.8	14.4	13.0	15.5	16.9
Other family members	15.3	6.4	5.1	5.9	6.5	22.8	10.2	8.1	9.2	10.1
Unrelated individuals	36.8	26.2	16.9	17.4	18.1	42.8	32.4	22.9	24.4	24.6

NA Not available. [1] Population controls based on 1980 census; see text pp. 2 and 446. [2] Beginning 1969, includes races not shown separately. Beginning 1979, includes members of unrelated subfamilies not shown separately. For earlier years unrelated subfamily members are included in the "In families" category. [3] For 1959, Black and other races. [4] For persons in families, sex of family householder; for unrelated individuals, sex of individual. [5] Includes male unrelated individuals.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 138.

No. 780. Persons Below Poverty Level, by Age, Region, Race, and Spanish Origin: 1982

[Persons as of **March 1983.** Based on Current Population Survey; see headnote, table 762. For explanation of poverty level, see *text, p. 447. For composition of regions, see fig. I, inside front cover*]

Age and region	Number below poverty level (1,000)				Percent below poverty level			
	All races [1]	White	Black	Spanish origin [2]	All races [1]	White	Black	Spanish origin [2]
Total	**34,398**	**23,517**	**9,697**	**4,301**	**15.0**	**12.0**	**35.6**	**29.9**
Under 16 years	12,276	7,839	3,994	1,970	22.4	17.5	46.1	39.7
16 to 21 years	4,031	2,555	1,314	532	17.0	13.0	39.3	31.4
22 to 44 years	9,917	7,023	2,520	1,261	12.3	10.1	27.3	24.3
45 to 64 years	4,423	3,231	1,058	379	10.0	8.3	25.1	19.4
65 years and over	3,751	2,870	811	159	14.6	12.4	38.2	26.6
Northeast	6,364	4,666	1,523	1,100	13.0	10.8	31.6	42.4
North Central	7,772	5,527	2,050	206	13.3	10.6	39.8	22.6
South	13,967	8,297	5,487	1,330	18.1	13.4	37.6	28.5
West	6,296	5,027	636	1,665	14.1	13.0	23.9	26.8

[1] Includes races not shown separately. [2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 140.

No. 781. Persons 65 Years Old and Over Below Poverty Level, by Selected Characteristics: 1959 to 1981

[For **1959**, persons as of **April 1960**; thereafter, persons as of **March** of **following year.** See headnote, table 780]

Characteristic	Number below poverty level (1,000)					Percent below poverty level				
	1959	**1970**	**1979** [1]	**1980** [1]	**1981**	**1959**	**1970**	**1979** [1]	**1980** [1]	**1981**
Persons, 65 and over [2]	**5,481**	**4,793**	**3,682**	**3,871**	**3,053**	**35.2**	**24.6**	**15.2**	**15.7**	**15.3**
White	4,744	4,011	2,911	3,042	2,978	33.1	22.6	13.3	13.6	13.1
Black	711	735	740	783	820	62.5	47.7	36.3	38.1	39.0
Spanish origin [3]	(NA)	(NA)	154	179	146	(NA)	(NA)	26.8	30.8	25.7
In families	3,187	2,013	1,380	1,423	1,432	26.9	14.8	8.4	8.5	8.4
Householder	1,787	1,188	822	837	851	29.1	16.5	9.1	9.1	9.1
Male	1,507	980	629	627	631	29.1	15.9	8.4	8.2	8.0
Female	280	209	193	210	220	28.8	20.1	13.0	14.0	14.8
Other members	1,400	825	559	586	582	24.6	13.0	7.6	7.8	7.6
Unrelated individuals	2,294	2,779	2,299	2,448	2,421	61.9	47.2	29.4	30.6	29.8
Male	703	549	428	408	395	59.0	38.9	25.3	24.4	23.5
Female	1,591	2,230	1,871	2,039	2,026	63.3	49.8	30.5	32.3	31.4
Persons, 60 and over	(NA)	**5,977**	**4,753**	**4,929**	**5,004**	(NA)	**21.3**	**13.9**	**14.1**	**14.0**

NA Not available. [1] Population controls based on 1980 census; see text, p. 2. [2] Beginning 1979, includes members of unrelated subfamilies not shown separately. For earlier years, unrelated subfamily members are included in the "In families" category. [3] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 138.

No. 782. Families Below Poverty Level and Below 125 Percent of Poverty Level: 1959 to 1982

[Families as of **March** of the **following year.** For explanation of poverty level, see text, p. 447]

Year	Number below poverty level (1,000)				Percent below poverty level				Below 125 percent of poverty level	
	All races [1]	White	Black	Spanish origin [2]	All races [1]	White	Black	Spanish origin [2]	Number (1,000)	Percent
1959	8,320	6,185	1,860	(NA)	18.5	15.2	48.1	(NA)	11,790	26.2
1960	8,243	6,115	(NA)	(NA)	18.1	14.9	(NA)	(NA)	11,525	25.4
1966	*5,784*	*4,106*	*1,620*	*(NA)*	*11.8*	*9.3*	*35.5*	*(NA)*	*8,637*	*17.6*
1969	5,008	3,575	1,366	(NA)	9.7	7.7	27.9	(NA)	7,353	14.3
1970	5,260	3,708	1,481	(NA)	10.1	8.0	29.5	(NA)	7,516	14.4
1971	5,303	3,751	1,484	(NA)	10.0	7.9	28.8	(NA)	7,761	14.6
1972	5,075	3,441	1,529	(NA)	9.3	7.1	29.0	(NA)	7,347	13.5
1973	4,828	3,219	1,527	468	8.8	6.6	28.1	19.8	7,044	12.8
1974	4,922	3,352	1,479	526	8.8	6.8	26.9	21.2	7,195	12.9
1975	5,450	3,838	1,513	627	9.7	7.7	27.1	25.1	7,974	14.2
1976	*5,311*	*3,560*	*1,617*	*598*	*9.4*	*7.1*	*27.9*	*23.1*	*7,647*	*13.5*
1977	5,311	3,540	1,637	591	9.3	7.0	28.2	21.4	7,713	13.5
1978	5,280	3,523	1,622	559	9.1	6.9	27.5	20.4	7,417	12.8
1979 [3]	5,320	3,515	1,666	610	9.1	6.8	27.6	19.7	7,586	13.0
1979 [4]	5,461	3,581	1,722	614	9.2	6.9	27.8	20.3	7,784	13.1
1980	6,217	4,195	1,826	751	10.3	8.0	28.9	23.2	8,764	14.5
1981 [5]	6,851	4,670	1,972	792	11.2	8.8	30.8	24.0	9,568	15.7
1982 [5]	7,512	5,118	2,158	916	12.2	9.6	33.0	27.2	10,279	16.7

NA Not available. [1] Includes races not shown separately. [2] Persons of Spanish origin may be of any race. [3] Population controls based on 1970 census; see text, pp. 2 and 446. [4] Population controls based on 1980 census; see text, pp. 2 and 446. [5] Based on revised poverty definition; see text, p. 447.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 138 and 140.

NO. 783. PERSONS, FAMILIES, AND CHILDREN BELOW POVERTY LEVEL—STATES: 1969 AND 1979

[**Number in thousands.** Persons, families, and related children as of **April 1980.** For explanation of poverty level, see text, p. 447. Excludes unrelated individuals under 14 years of age for 1969 and under 15 years for 1979, and persons in specified types of group quarters, i.e. inmates of institutions and persons living in military group quarters or in college dormitories. Poverty criteria computed on a national basis only and not adjusted for regional, State, or other local variations in cost of living. For details, see source]

REGION AND STATE	NUMBER BELOW POVERTY LEVEL						PERCENT BELOW POVERTY LEVEL					
	Persons		Families		Related children under 18 years		Persons		Families		Related children under 18 years	
	1969	1979	1969	1979	1969	1979	1969	1979	1969	1979	1969	1979
U.S.	**27,125**	**27,393**	**5,462**	**5,670**	**10,397**	**10,026**	**13.7**	**12.4**	**10.7**	**9.6**	**15.1**	**16.0**
Northeast	**4,821**	**5,343**	**936**	**1,111**	**1,733**	**1,992**	**10.1**	**11.2**	**7.6**	**8.7**	**10.9**	**15.5**
Maine	131	141	26	29	49	50	13.6	13.0	10.3	9.8	14.5	15.8
New Hampshire	65	75	12	15	20	24	9.1	8.5	6.7	6.1	7.9	9.4
Vermont	52	59	10	11	18	20	12.1	12.1	9.1	8.9	11.5	13.9
Massachusetts	473	532	87	110	164	193	8.6	9.6	6.2	7.6	8.8	13.1
Rhode Island	100	94	20	19	35	33	11.0	10.3	8.5	7.7	11.7	13.6
Connecticut	212	243	41	51	78	93	7.2	8.0	5.3	6.2	7.8	11.4
New York	1,986	2,299	391	483	735	877	11.1	13.4	8.5	10.8	12.7	19.0
New Jersey	574	689	113	148	217	278	8.1	9.5	6.1	7.6	9.2	14.1
Pennsylvania	1,228	1,210	237	245	417	426	10.6	10.5	7.9	7.8	10.9	13.9
North Central	**5,952**	**6,010**	**1,171**	**1,230**	**2,084**	**2,170**	**10.8**	**10.5**	**8.3**	**8.0**	**10.6**	**13.0**
Ohio	1,041	1,089	205	228	371	401	10.0	10.3	7.6	8.0	10.0	13.2
Indiana	493	516	98	107	169	189	9.7	9.7	7.4	7.3	9.3	11.9
Illinois	1,112	1,231	214	247	412	478	10.2	11.0	7.7	8.4	11.0	14.9
Michigan	819	946	160	198	304	361	9.4	10.4	7.3	8.2	9.4	13.3
Wisconsin	421	398	80	77	140	139	9.8	8.7	7.4	6.3	8.9	10.4
Minnesota	398	375	76	73	130	118	10.7	9.5	8.2	7.0	9.5	10.2
Iowa	319	286	64	58	98	94	11.6	10.1	8.9	7.5	10.1	11.5
Missouri	672	582	139	120	229	196	14.7	12.2	11.5	9.1	14.9	14.6
North Dakota	93	79	18	16	36	27	15.7	12.6	12.4	9.8	15.9	14.3
South Dakota	120	113	24	23	45	41	18.7	16.9	14.8	13.1	18.9	20.0
Nebraska	188	163	38	33	61	53	13.1	10.7	10.1	8.0	12.2	12.1
Kansas	275	232	56	47	88	73	12.7	10.1	9.7	7.4	12.0	11.4
South	**12,388**	**11,285**	**2,581**	**2,390**	**5,062**	**4,180**	**20.3**	**15.4**	**16.2**	**11.9**	**23.5**	**19.6**
Delaware	58	68	11	14	24	25	10.9	11.9	8.2	8.9	12.3	15.6
Maryland	387	405	75	82	157	143	10.1	9.8	7.7	7.5	11.5	12.5
District of Columbia	123	113	21	21	51	38	17.0	18.6	12.7	15.1	23.1	27.0
Virginia	691	611	143	129	283	216	15.5	11.8	12.3	9.2	18.0	14.9
West Virginia	380	287	82	62	140	102	22.2	15.0	18.0	11.7	24.3	18.5
North Carolina	996	840	211	183	409	299	20.3	14.8	16.3	11.6	23.6	18.3
South Carolina	595	500	119	106	271	195	23.9	16.6	19.0	13.1	28.7	21.0
Georgia	924	884	192	189	391	342	20.7	16.6	16.7	13.2	24.1	21.1
Florida	1,088	1,287	229	268	399	427	16.4	13.5	12.7	9.9	19.2	18.5
Kentucky	718	626	159	144	274	230	22.9	17.6	19.2	14.6	24.9	21.6
Tennessee	836	736	186	164	323	263	21.8	16.5	18.2	13.1	24.6	20.6
Alabama	857	720	181	154	358	271	25.4	18.9	20.7	14.8	29.3	23.6
Mississippi	767	587	154	121	346	244	35.4	23.9	28.9	18.7	41.3	30.4
Arkansas	523	424	115	94	209	154	27.8	19.0	22.8	14.9	31.3	23.4
Louisiana	933	765	188	163	412	307	26.3	18.6	21.5	15.1	30.0	23.5
Oklahoma	465	394	102	86	163	132	18.8	13.4	15.0	10.3	19.7	15.7
Texas	2,047	2,036	413	412	860	791	18.8	14.7	14.6	11.1	21.7	18.7
West	**3,965**	**4,755**	**774**	**939**	**1,518**	**1,683**	**11.7**	**11.3**	**8.9**	**8.5**	**12.9**	**14.2**
Montana	92	94	18	19	33	32	13.6	12.3	10.4	9.2	13.3	13.8
Idaho	92	117	20	24	33	43	13.2	12.6	10.9	9.6	12.7	14.3
Wyoming	38	36	8	7	14	11	11.7	7.9	9.3	5.8	11.8	7.7
Colorado	263	285	50	55	97	91	12.3	10.1	9.1	7.4	12.7	11.5
New Mexico	227	226	45	47	107	91	22.8	17.6	18.5	14.0	26.7	22.1
Arizona	264	351	50	68	114	128	15.3	13.2	11.5	9.5	17.9	16.5
Utah	118	148	23	27	45	57	11.4	10.3	9.1	7.7	10.6	10.7
Nevada	43	69	9	13	15	21	9.1	8.7	7.0	6.3	9.1	10.0
Washington	336	396	65	78	113	128	10.2	9.8	7.6	7.2	9.8	11.5
Oregon	235	274	46	54	74	85	11.5	10.7	8.6	7.7	10.8	12.0
California	2,153	2,627	421	521	828	947	11.1	11.4	8.4	8.7	12.7	15.2
Alaska	35	42	6	8	17	15	12.6	10.7	9.3	8.6	14.7	12.1
Hawaii	69	92	13	18	28	35	9.3	9.9	7.6	7.8	10.3	13.0

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1970*, vol. I; and *1980 Census of Population*, Vol. 1, chapter C (PC80-1-C).

No. 784. Families Below Poverty Level—Selected Characteristics, by Race and Spanish Origin: 1982

[**Families as of March 1983.** For explanation of poverty, see text, p. 447]

Characteristic	Number below poverty level				Percent below poverty level			
	All races [1]	White	Black	Spanish origin [2]	All races [1]	White	Black	Spanish origin [2]
Total	**7,512**	**5,118**	**2,158**	**916**	**12.2**	**9.6**	**33.0**	**27.2**
Northeast	1,387	995	357	257	10.7	8.6	29.7	39.3
North Central	1,723	1,229	458	47	11.0	8.6	37.0	21.4
South	3,072	1,850	1,177	271	14.6	10.6	34.2	24.7
West	1,330	1,044	166	341	11.5	10.3	25.7	24.4
In metropolitan areas	4,576	2,850	1,581	790	11.1	8.1	31.6	27.2
In central cities	2,709	1,384	1,228	562	16.7	11.4	34.7	32.5
Outside central cities	1,869	1,465	353	228	7.5	6.4	24.2	19.5
Outside metropolitan areas	2,934	2,269	576	126	14.5	12.3	37.6	27.0
Age of householder:								
15 to 24 years	896	560	314	105	26.1	19.6	62.1	40.2
25 to 44 years	3,965	2,703	1,140	575	14.2	11.3	34.8	29.4
45 to 54 years	930	645	247	117	8.9	7.1	23.6	20.2
55 to 64 years	825	578	218	68	8.2	6.5	24.5	19.7
65 years and over	897	632	239	52	9.3	7.3	29.4	22.7
Median age	38.6	39.1	37.1	35.9	(x)	(x)	(x)	(x)
Size of family:								
2 persons	2,436	1,761	624	173	10.0	8.0	29.3	22.3
3 persons	1,715	1,171	501	191	12.1	9.5	32.3	24.6
4 persons	1,413	979	386	200	10.8	8.6	30.5	24.2
5 persons	958	638	278	158	16.1	12.8	35.1	32.7
6 persons	508	320	163	95	21.8	17.4	43.0	35.5
7 persons or more	479	250	205	99	32.5	25.3	50.6	41.8
Mean size	3.64	3.52	3.86	4.22	(x)	(x)	(x)	(x)
Mean number of children per family with children	2.30	2.23	2.41	2.64	(x)	(x)	(x)	(x)
Educational attainment of householder: [3]								
Elementary: Less than 8 years	1,358	917	388	400	28.0	24.7	39.4	41.0
8 years	653	490	145	77	16.2	13.7	36.4	28.8
High school: 1 to 3 years	1,533	970	525	164	20.0	15.6	40.7	35.3
4 years	2,071	1,433	576	133	10.2	8.0	28.4	16.1
College: 1 year or more	1,001	747	208	37	4.8	3.9	15.8	6.4

X Not applicable. [1] Includes races not shown separately. [2] Persons of Spanish origin may be of any race.
[3] Householder 25 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 140.

No. 785. Work Experience of Family Householders Below the Poverty Level, by Sex and Race: 1975 and 1981

[**In thousands, except percent.** Families as of **March** of the **following year.** For 1975, includes householders 14 years and over; for 1981, householders 15 years and over. For explanation of poverty level see text, page 447]

Work experience	1975						1981					
	Female householder, no husband present			All other families			Female householder, no husband present			All other families		
	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black	All races [1]	White	Black
Total [2]	**2,430**	**1,394**	**1,004**	**3,020**	**2,444**	**509**	**3,252**	**1,814**	**1,377**	**3,599**	**2,857**	**595**
Worked	887	518	362	1,857	1,533	272	1,280	779	480	2,196	1,831	289
Full-time [3] (percent)	15.2	14.5	16.6	39.4	40.3	34.9	18.0	15.8	22.3	44.2	46.4	34.3
Did not work [4]	1,543	876	641	1,133	884	236	1,972	1,035	897	1,382	1,011	301
Ill or disabled	309	150	157	565	430	133	354	161	186	508	370	126
Keeping house	1,053	647	387	26	19	7	1,224	709	489	100	60	38
In school	43	13	30	30	13	12	82	35	41	49	23	3
Unable to find work	99	41	55	117	92	22	238	82	157	186	142	33

[1] Includes races not shown separately. [2] Includes householders in Armed Forces not shown separately. [3] Year-round.
[4] Includes "other" not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 106 and 138.

No. 786. Families and Unrelated Individuals Below Poverty Level, and Aggregate Income Deficit (1981 Dollars), by Sex and Race of Householder: 1959 to 1981

[As of **March of following year.** Income deficit defined as the difference between the total income of families and unrelated individuals below poverty level and their respective poverty thresholds. In computing the income deficit, families reporting a net income loss are assigned zero dollars; for such cases, the deficit is equal to the poverty level. For explanation of poverty level, see text, p. 447]

SEX AND RACE OF FAMILY HOUSEHOLDER AND UNRELATED INDIVIDUALS	NUMBER BELOW POVERTY LEVEL (millions)						AGGREGATE INCOME DEFICIT IN CONSTANT (1981) Dollars (bil. dol.)					
	1959	1969	1975	1979 [1]	1980 [1]	1981 [1]	1959	1969	1975	1979 [1]	1980 [1]	1981 [1]
Total [2] [3]	**13.2**	**10.0**	**10.5**	**11.2**	**12.4**	**13.3**	**42.6**	**25.4**	**27.2**	**29.2**	**32.8**	**37.0**
White	10.2	7.6	7.8	8.0	9.0	9.7	30.6	18.2	19.1	19.7	22.2	25.3
Black	2.7	2.2	2.5	2.9	3.1	3.3	(NA)	6.9	7.5	8.5	9.3	10.6
Families [2]	8.3	5.0	5.5	5.5	6.2	6.9	30.6	15.9	17.9	18.5	21.3	24.1
White	6.2	3.6	3.8	3.6	4.2	4.7	20.8	10.6	12.0	11.6	13.7	15.4
Black	1.9	1.4	1.5	1.7	1.8	2.0	(NA)	5.1	5.6	6.2	6.8	7.9
Families with female householder [4]	1.9	1.8	2.4	2.6	3.0	3.3	8.3	6.6	8.4	9.4	10.5	12.0
All other families	6.4	3.2	3.0	2.8	3.2	3.6	22.3	9.3	9.5	9.0	10.8	12.0
Unrelated individuals [2]	4.9	5.0	5.1	5.7	6.2	6.5	12.0	9.6	9.3	10.8	11.5	13.0
White	4.0	4.0	4.0	4.5	4.8	5.1	9.8	7.6	7.1	8.0	8.6	9.9
Black	.8	.9	1.0	1.2	1.3	1.3	(NA)	1.8	1.9	2.4	2.5	2.7

NA Not available. [1] Beginning 1979, based on 1980 census population controls. [2] Includes races not shown separately. [3] Includes families and unrelated individuals. [4] No husband present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 138.

No. 787. Families and Unrelated Individuals, by Type of Income and Poverty Status: 1981

[Families as of **March 1982.** Hhldr. = householder. For explanation of poverty level, see text, p. 447. For limitations of data, see source]

TYPE OF INCOME	FAMILIES							UNRELATED INDIVIDUALS				
	Total			Female hhldr., no husband present		Hhldr. 65 yr. old and over		Total			65 yr. old and over	
	All races [1]	White	Black	White	Black	White	Black	All races [1]	White	Black	White	Black
ALL INCOME LEVELS												
Total [2] **(mil.)**	**61.0**	**53.3**	**6.4**	**6.6**	**2.6**	**8.5**	**.8**	**27.7**	**23.9**	**3.3**	**7.3**	**.8**
Percent of total: [3]												
With income	99.8	99.8	99.5	99.3	98.8	99.8	99.9	98.0	98.2	96.4	99.6	98.1
With earnings [4]	86.0	86.7	79.5	79.7	66.1	42.8	48.4	64.3	64.7	60.4	13.9	13.3
With transfer income	41.8	40.5	53.0	55.4	68.1	95.1	96.1	43.3	43.3	46.3	95.3	94.8
Social Security [5]	23.4	23.8	21.4	30.1	21.6	94.0	91.1	32.4	33.4	27.5	93.4	89.1
SSI	2.6	2.0	7.8	5.1	10.6	4.8	25.3	5.1	4.2	11.6	8.8	28.9
Public assistance	5.8	3.9	21.8	18.7	43.1	.8	10.2	2.1	1.4	6.7	.8	1.5
Other income [6]	16.9	17.0	16.5	14.2	12.6	9.3	12.6	10.1	10.0	11.1	6.2	5.7
With all other income [7]	73.1	76.7	43.6	68.2	34.3	84.9	44.3	62.9	67.1	32.1	74.7	31.9
BELOW POVERTY LEVEL												
Total [2] **(mil.)**	**6.9**	**4.7**	**2.0**	**1.8**	**1.4**	**.6**	**.2**	**6.5**	**5.1**	**1.3**	**1.9**	**.5**
Percent of total: [3]												
With income	97.9	97.8	98.3	97.2	97.8	97.4	99.1	91.4	91.7	90.9	98.5	96.8
With earnings [4]	60.9	65.5	50.3	53.7	43.5	22.1	28.6	35.8	37.2	30.0	5.0	6.4
With transfer income	62.6	56.9	75.9	69.0	81.0	92.6	96.9	58.2	56.6	66.9	95.3	96.4
Social Security [5]	20.5	20.6	20.9	15.2	16.0	86.9	85.9	41.8	42.8	39.9	90.0	88.8
SSI	8.9	7.2	13.1	6.8	10.5	24.9	43.6	16.1	14.3	24.1	23.4	40.8
Public assistance	34.4	26.6	52.3	51.2	65.5	3.4	18.5	6.6	4.6	14.1	2.3	2.1
Other income [6]	13.0	14.5	9.2	7.6	6.9	4.1	6.6	8.8	9.0	8.3	7.1	5.4
With all other income [7]	35.4	40.8	22.4	41.7	23.6	42.1	15.9	36.9	41.8	16.4	44.9	15.2

[1] Includes races not shown separately. [2] Includes families and unrelated individuals with no income, not shown separately. [3] Some families and unrelated individuals may have more than one type of income. [4] Includes wages, salaries, and self-employment income. [5] Includes railroad retirement income. [6] Includes unemployment and workers' compensation, and veterans' payments. [7] Includes income from private and government employee pensions, annuities, dividends, interest, rent, estates, trusts, alimony, child support, regular contributions from outside the household, etc.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 138, and unpublished data.

No. 788. Persons Below Poverty Level and Poverty Rate, by Selected Characteristic, Using Alternative Income Concepts and Valuation Techniques: 1979

[Persons as of **March 1980**. *Income concepts present alternative methodologies for valuing public in-kind (noncash) transfers such as food stamps, school lunches, subsidized rental housing, Medicare, and Medicaid. Valuation techniques that are used to measure poverty are as follows: (1) Market value approach which is equal to the purchase price in the private market of the goods received by the recipient; (2) recipient and/or cash equivalent approach which is the amount of cash that would make the recipient just as well off as the in-kind transfer or would reflect the recipient's own valuation of the benefit; and (3) poverty budget share value which limits the value of food, housing, or medical transfers to the proportions spent on these items by persons at or near the poverty line in 1960–61 (when in-kind were minimal)*]

Valuation technique and selected characteristics	Income concept: Money income alone [1]		Money income plus food and housing		Money income plus food, housing, and medical care (excl. institutional care)		Money income plus food, housing, and medical care (incl. institutional care)	
	Number (1,000)	Poverty rate (percent)	Number (1,000)	Poverty rate (percent)	Number (1,000)	Poverty rate (percent)	Number (1,000)	Poverty rate (percent)
MARKET VALUE APPROACH								
All persons	**23,623**	**11.1**	**19,933**	**9.4**	**14,023**	**6.6**	**13,634**	**6.4**
Black	7,456	30.4	5,874	23.9	3,872	15.8	3,712	15.1
Non-Black	16,167	8.6	14,059	7.5	10,151	5.4	9,922	5.3
Under 65 years	19,526	10.6	16,332	8.9	12,571	6.8	12,383	6.7
65 years old and over	4,097	14.7	3,601	12.9	1,452	5.2	1,251	4.5
South	10,108	14.6	8,526	12.3	6,577	9.5	6,343	9.2
Non-South	13,515	9.5	11,407	8.0	7,446	5.2	7,291	5.1
RECIPIENT AND/OR CASH EQUIVALENT APPROACH								
All persons	**23,623**	**11.1**	**20,218**	**9.5**	**16,393**	**8.7**	**17,318**	**8.2**
Black	7,456	30.4	6,009	24.5	5,571	22.7	5,144	21.0
Non-Black	16,167	8.6	14,209	7.6	12,822	6.8	12,174	6.5
Under 65 years	19,526	10.6	16,569	9.0	15,792	8.6	15,367	8.3
65 years old and over	4,097	14.7	3,649	13.1	2,601	9.3	1,951	7.0
South	10,108	14.6	8,723	12.6	8,023	11.6	7,646	11.0
Non-South	13,515	9.5	11,495	8.1	10,370	7.3	9,672	6.8
POVERTY BUDGET SHARE VALUE APPROACH								
All persons	**23,623**	**11.1**	**20,743**	**9.8**	**18,866**	**8.9**	**18,866**	**8.9**
Black	7,456	30.4	6,255	25.5	5,677	23.1	5,677	23.1
Non-Black	16,167	8.6	14,488	7.7	13,189	7.0	13,189	7.0
Under 65 years	19,526	10.6	16,905	9.2	15,847	8.6	15,847	8.6
65 years old and over	4,097	14.7	3,838	13.7	3,019	10.8	3,019	10.8
South	10,108	14.6	8,841	12.8	8,180	11.8	8,180	11.8
Non-South	13,515	9.5	11,902	8.3	10,686	7.5	10,686	7.5

[1] Number and rate differ from official poverty count and rate because poverty status was computed on the basis of the family or nonfamily householder's income and secondary unrelated individuals were excluded.

Source: U.S. Bureau of the Census, *Alternative Methods for Valuing Selected In-Kind Transfer Benefits and Measuring their Effect on Poverty*, Technical Paper 50, 1982.

No. 789. Appalachia—Per Capita Money Income, 1969 and 1979, Persons Below Poverty Level, 1969 and 1979, and Per Capita Personal Income, 1981

["Appalachia" refers to a region delineated in the Appalachian Regional Development Act of 1965, as amended, containing 397 counties in 13 States. For definition of poverty level, see text, p. 447]

Area	Per capita money income [1]: Total		Per capita money income [1]: Percent of U.S.		Persons below poverty level: Number (1,000)		Persons below poverty level: Percent		Per capita personal income, 1981	
	1969	1979	1969	1979	1969	1979	1969	1979	Total	Percent of U.S.
United States	**$3,119**	**$7,330**	**100.0**	**100.0**	**27,125**	**27,383**	**13.7**	**12.4**	**$10,495**	**100**
Appalachian States	**3,000**	**6,928**	**96.2**	**94.5**	**11,406**	**10,789**	**15.4**	**13.7**	**$9,899**	**94**
Appalachian region	2,505	6,221	80.3	84.9	3,228	2,771	18.1	14.0	8,523	81
Appalachian portion of—										
Alabama	2,430	6,147	77.9	83.9	463	395	22.1	16.6	8,410	80
Georgia	2,419	6,301	77.6	86.0	136	134	17.0	12.3	7,726	74
Kentucky	1,732	4,856	55.5	66.2	334	275	38.8	26.0	6,654	63
Maryland	2,599	6,327	83.3	86.3	30	25	14.7	11.9	8,523	81
Mississippi	1,861	4,956	59.7	67.6	139	105	33.8	22.1	6,968	66
New York	2,845	6,135	91.2	83.7	117	124	11.5	12.0	8,669	83
North Carolina	2,437	6,095	78.1	83.2	190	164	18.7	13.8	8,435	80
Ohio	2,443	6,073	78.3	82.9	176	159	16.0	12.9	8,039	77
Pennsylvania	2,790	6,770	89.5	92.4	664	587	11.4	10.0	9,646	92
South Carolina	2,571	6,473	82.4	88.3	104	97	16.2	12.6	8,579	82
Tennessee	2,340	5,983	75.0	81.6	381	337	22.4	16.6	7,876	75
Virginia	2,050	5,614	65.7	76.6	113	83	24.4	15.2	7,494	71
West Virginia [2]	2,333	6,179	74.8	84.3	380	287	22.2	15.0	8,369	80
Non-Appalachian portions	3,156	7,164	101.2	97.7	8,178	8,018	14.5	13.6	10,358	99

[1] Data compiled from county data, U.S. Bureau of the Census. [2] Entire State lies within the Appalachian region.

Source: Appalachian Regional Commission, *Appalachia—A Reference Book, Supplement to Second Edition*, 1981, and unpublished data.

NO. 790. NET STOCK OF FIXED REPRODUCIBLE TANGIBLE WEALTH IN CURRENT AND CONSTANT (1972) DOLLARS: 1929 TO 1982

[In billions of dollars, except percent. As of Dec. 31. See headnotes, tables 911 and 1337]

TYPE OF WEALTH	1929	1935	1945	1950	1955	1960	1965	1970	1975	1979	1980	1981	1982
CURRENT DOLLARS													
Net stock, total	259	207	458	723	1,020	1,287	1,625	2,539	4,368	6,938	7,753	8,441	8,721
Private business	184	137	230	451	624	789	988	1,542	2,724	4,473	4,994	5,493	5,673
Percent of total	71.0	66.2	50.2	62.3	61.2	61.3	60.8	60.7	62.4	64.5	64.4	65.1	65.0
Nonresidential equipment	30	20	37	97	139	182	227	369	651	1,039	1,183	1,319	1,393
Nonresidential structures	58	42	59	108	151	198	261	438	789	1,209	1,368	1,523	1,602
Residential	97	74	135	245	334	409	501	735	1,283	2,225	2,444	2,651	2,677
Government	37	44	179	169	244	306	404	629	1,058	1,582	1,778	1,892	1,951
Nonresidential equipment:													
Military	1	1	77	29	50	54	64	76	102	158	186	214	247
Other	1	2	13	9	18	21	25	40	64	98	112	126	134
Nonresidential structures	35	41	86	126	170	221	302	493	856	1,271	1,418	1,486	1,504
Residential	(Z)	(Z)	3	5	7	10	13	20	36	55	61	66	67
Households [1]	38	26	49	104	152	192	233	368	585	883	980	1,056	1,097
CONSTANT (1972) DOLLARS													
Net stock, total	926	872	1,170	1,233	1,545	1,816	2,203	2,715	3,220	3,634	3,718	3,799	3,855
Private business	693	620	588	772	946	1,122	1,356	1,657	1,972	2,231	2,292	2,352	2,391
Nonresidential equipment	98	72	90	165	206	230	277	380	480	589	615	643	656
Nonresidential structures	244	216	176	210	254	314	386	480	553	596	611	629	646
Residential	350	332	323	397	486	579	693	797	938	1,047	1,066	1,081	1,090
Government	141	174	504	328	412	477	578	685	761	802	813	820	827
Nonresidential equipment:													
Military	4	3	226	57	77	73	81	80	80	88	91	93	99
Other	5	6	32	16	26	28	32	41	49	56	58	60	61
Nonresidential structures	132	165	239	248	298	361	447	543	606	633	638	641	642
Residential	(Z)	(Z)	8	8	10	14	18	21	26	25	25	26	26
Households [1]	92	78	77	134	187	217	268	373	488	600	613	627	637

Z Less than $500 million. [1] Consumer durables.

Source: U.S. Bureau of Economic Analysis. *Fixed Reproducible Tangible Wealth in the United States, 1925-79, Survey of Current Business, October 1982, and unpublished data.*

NO. 791. PERSONAL WEALTH—TOP WEALTHHOLDERS, BY CHARACTERISTICS AND BY SIZE OF GROSS ESTATE, AND ASSET COMPOSITION: 1953 TO 1976

[Estimates based on Federal estate tax returns showing gross assets of $60,000 or more (greater than $120,000 in 1976) filed with Internal Revenue Service. Comparability of data is affected by revisions in estimating techniques]

ITEM	TOTAL						PERCENT DISTRIBUTION					
	1953	1958	1962	1969	1972	1976	1953	1958	1962	1969	1972	1976
NUMBER	TOP WEALTHHOLDERS (1,000)						TOP WEALTHHOLDERS					
Total	1,979	3,009	4,132	9,013	12,815	8,695	100.0	100.0	100.0	100.0	100.0	100.0
Male [1]	1,330	1,936	2,539	5,643	7,810	5,782	67.2	64.3	61.4	62.6	60.9	66.5
Under 50 years	491	741	988	2,557	3,976	2,772	24.8	24.6	23.9	28.4	31.0	31.9
50-69 years	648	923	1,173	2,329	2,610	2,248	32.7	30.7	28.4	25.8	21.9	25.9
70 years and over	151	232	332	666	762	600	7.6	7.7	8.0	7.4	5.9	6.9
Female [1]	648	1,073	1,594	3,370	5,006	2,913	32.7	35.7	38.6	37.4	39.1	33.5
Under 50 years	197	299	471	932	1,951	848	10.0	9.9	11.4	10.3	15.2	9.7
50-69 years	306	530	758	1,630	2,001	1,321	15.5	17.6	18.3	18.1	15.6	15.2
70 years and over	120	209	324	726	875	649	6.1	6.9	7.8	8.1	6.8	7.5
SIZE OF GROSS ESTATE												
$60,000-$99,999	(NA)	1,193	1,593	3,341	4,928	(X)	(NA)	39.6	38.6	37.1	38.5	(X)
$100,000-$199,999 [2]	(NA)	1,179	1,627	5,214	5,175	4,759	(NA)	39.2	39.4	57.8	40.4	54.7
$200,000-$499,999	(NA)	488	692		2,059	3,133	(NA)	16.2	16.7		16.1	36.0
$500,000-$999,999	(NA)	102	149	311	425	555	(NA)	3.4	3.6	3.4	3.3	6.4
$1,000,000-$9,999,999	(NA)	45	69	143	218	248	(NA)	1.5	1.7	1.6	1.7	2.9
$10,000,000 or more	(NA)	2	2	4			(NA)	.1	(Z)	(Z)		
TYPE OF ASSET	ASSET COMPOSITION (bil. dol.)						ASSET COMPOSITION					
Total assets	356	542	752	1,581	2,152	2,213	100.0	100.0	100.0	100.0	100.0	100.0
Real estate	82	133	188	428	645	771	23.0	24.5	25.0	27.1	30.0	34.8
Bonds	36	36	48	85	124	130	9.9	6.6	6.4	5.4	5.8	5.9
Corporate stock	141	231	326	551	629	531	39.6	42.6	43.3	34.9	29.2	24.0
Cash [3]	34	46	71	190	278	281	9.5	8.5	9.4	12.0	12.9	12.7
Notes and mortgages	13	21	30	59	86	88	3.5	3.8	4.0	3.8	4.0	4.0
Insurance equity	7	11	16	31	42	42	2.0	2.0	2.1	2.0	2.0	1.9
Other	44	66	74	236	346	371	12.4	12.1	9.8	14.9	16.1	16.7
Debts	32	50	83	204	301	344	8.9	9.2	11.0	12.9	14.0	15.5
Net worth (less deficit)	324	492	669	1,377	1,852	1,869	91.1	90.8	89.0	87.1	86.1	84.5

X Not applicable. NA Not available. Z Less than .05 percent. [1] Includes persons of unknown age.
[2] $120,001-$199,999 in 1976. [3] Includes checking and savings accounts, savings certificates, etc.

Source: U.S. Internal Revenue Service, *Statistics of Income, 1962* and *1972*, Supplemental Report, *Personal Wealth* and *Statistics of Income Bulletin*, Summer 1983.

NO. 792. PERSONAL WEALTH—NUMBER OF TOP WEALTHHOLDERS, BY SEX, MARTIAL STATUS, AND AGE, AND BY SIZE OF NET WORTH: 1976

[In thousands. See headnote, table 791]

NET-WORTH CLASS	MALE					FEMALE				
	Married	Single [1]	Widowed	Under 50 years [2]	65yr. and over	Married	Single [1]	Widowed	Under 50 years [2]	65 yr. and over
Total	**4,813**	**687**	**270**	**2,934**	**991**	**1,363**	**579**	**950**	**942**	**949**
Under $100,000 [3]	1,977	243	28	1,743	22	249	81	16	250	5
$100,000–$249,999	1,998	317	167	882	639	841	364	618	522	645
$250,000–$499,999	575	94	51	223	219	171	94	215	104	201
$500,000–$999,999	179	23	17	59	74	68	30	68	48	67
$1,000,000 or more	83	11	7	27	37	34	10	34	19	31

[1] Includes divorced persons. [2] Includes persons of unknown age. [3] Includes returns with negative net worth.

Source: U.S. Internal Revenue Service, *Statistics of Income Bulletin*, Summer 1983.

NO. 793. PERSONAL WEALTH—NUMBER AND ASSETS OF TOP WEALTHHOLDERS, BY STATE: 1976

[See headnote, table 791. Totals derived from adding State data differ slightly from national totals shown here because of the sample weighting procedures used. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	Total wealthholders (1,000)	TOTAL ASSETS		
		Total (bil. dol.)	Percent	
			Corporate stock	Real estate
Total	**8,695.0**	**2,212.7**	**24.0**	**34.8**
Regions:				
Northeast	2,072.0	521.3	30.6	28.3
North Central	2,586.4	632.6	20.4	39.3
South	2,470.4	642.6	22.8	36.2
West	1,568.9	401.8	23.0	34.1
N. Eng	**483.1**	**129.1**	**32.2**	**27.6**
Maine	28.9	8.0	42.5	23.7
N.H	28.8	7.2	6.5	22.7
Vt	14.5	4.0	22.0	37.2
Mass	202.1	50.6	31.5	25.6
R.I	32.2	5.5	25.9	31.7
Conn	176.5	53.7	33.4	29.5
Mid. Atl	**1,588.9**	**392.3**	**30.0**	**28.6**
N.Y	899.5	226.5	30.5	26.8
N.J	321.0	75.6	28.4	34.3
Pa	368.5	90.2	30.3	28.3
E. N. Cent	**1,650.9**	**399.7**	**22.4**	**36.3**
Ohio	376.8	88.0	27.8	30.7
Ind	174.6	47.8	19.0	40.0
Ill	564.4	142.3	19.5	40.6
Mich	301.9	74.9	21.5	30.2
Wis	233.3	46.7	25.6	39.6
W. No. Cent	**935.3**	**232.8**	**17.1**	**44.4**
Minn	175.4	40.3	15.9	41.6
Iowa	212.8	52.3	8.6	56.4
Mo	183.3	50.4	27.2	33.2
N. Dak	48.7	10.3	13.6	51.2
S. Dak	51.7	12.2	30.9	39.2
Nebr	119.6	30.8	15.1	44.2
Kans	143.8	36.5	14.7	45.6
So. Atl	**1,371.9**	**350.1**	**22.9**	**35.2**
Del	37.7	8.9	29.4	28.4
Md	221.2	49.2	20.1	33.9

DIVISION AND STATE OR OTHER AREA	Total wealthholders (1,000)	TOTAL ASSETS		
		Total (bil. dol.)	Percent	
			Corporate stock	Real estate
So. Atl.—Con.				
D.C	(1)	(1)	(1)	(1)
Va	210.0	43.3	20.2	43.1
W. Va	39.8	8.5	30.7	31.8
N.C	176.7	45.2	25.7	40.6
S.C	87.8	19.1	28.2	39.7
Ga	159.9	41.1	21.4	42.0
Fla	438.9	134.9	22.7	29.3
E. So. Cent	**396.0**	**100.1**	**24.6**	**35.8**
Ky	107.8	24.2	31.2	35.2
Tenn	135.2	31.4	29.3	34.2
Ala	79.9	24.7	21.3	39.5
Miss	73.1	19.7	13.1	34.4
W. So. Cent	**702.5**	**192.4**	**21.6**	**38.4**
Ark	63.5	13.8	12.2	43.7
La	91.5	24.1	25.8	40.6
Okla	137.7	40.8	25.6	38.4
Tex	409.7	113.7	20.4	37.2
Mt	**429.1**	**105.3**	**25.6**	**34.1**
Mont	48.9	11.2	18.5	40.4
Idaho	36.4	8.7	27.4	39.5
Wyo	35.2	7.7	24.7	44.1
Colo	128.6	28.7	20.8	38.7
N. Mex	26.4	8.3	20.6	29.0
Ariz	89.8	20.6	26.2	36.2
Utah	36.6	7.2	40.9	18.5
Nev	27.3	13.0	35.2	17.9
Pac	**1,079.8**	**296.5**	**22.0**	**34.1**
Wash	123.5	29.1	21.9	38.1
Oreg	91.9	21.3	21.5	35.7
Calif	807.6	233.0	22.3	32.7
Alaska	17.6	5.7	27.3	38.4
Hawaii	39.0	7.4	11.2	56.4
Other areas	57.4	14.4	25.0	32.3

[1] District of Columbia included with Maryland.

Source: U.S. Internal Revenue Service, *Statistics of Income Bulletin*, Summer 1983.

No. 794. Personal Wealth—Percent Share of Top One Percent: 1922 to 1972

[Persons 21 years old and over. Data differ from those in table 795 because the latter relate to all persons]

YEAR	Percent	YEAR	Percent	YEAR	Percent
1922	31.6	1949	20.8	1962	22.0
1929	36.3	1953	24.3	1965	23.4
1933	28.3	1954	24.0	1969	20.1
1939	30.6	1956	26.0	1972	20.7
1945	23.3	1958	23.8		

Source: 1922–1956, Robert J. Lampman, *The Share of Top Wealth-Holders in National Wealth*, National Bureau of Economic Research, 1962; 1958, James D. Smith and Staunten K. Calvert, "Estimating the Wealth of Top Wealth-Holders from Estate Tax Returns," *Proceedings of the American Statistical Association*, Philadelphia, Pa., 1965 (copyright); 1962–1972, James D. Smith, unpublished estimates, The Urban Institute, Washington, D.C., and The Pennsylvania State University (copyright).

No. 795. Personal Wealth—Value of Assets Held by All Persons, Top One-Half Percent, and Top One Percent: 1962 to 1976

[**In billions of dollars, except as indicated.** Wealth of all persons derived from national balance sheets. Wealth of top one-half percent and one percent of all persons estimated by estate multiplier technique. Detailed descriptions of methodology and attendant problems can be found in sources cited for table 794]

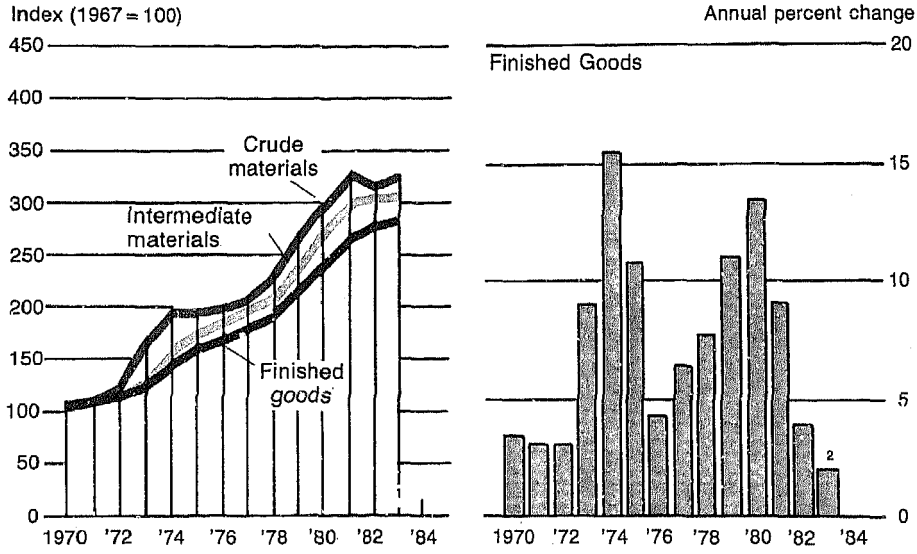
ASSET	1962					1969				
	Value of gross personal assets held by—			Percent held by—		Value of gross personal assets held by—			Percent held by—	
	All persons	Top ½ percent of all	Top 1 percent of all	Top ½ percent of all	Top 1 percent of all	All persons	Top ½ percent of all	Top 1 percent of all	Top ½ percent of all	Top 1 percent of all
Total assets	**2,043.9**	**432.4**	**548.3**	**21.2**	**26.8**	**3,292.1**	**672.4**	**848.8**	**20.4**	**25.8**
Real estate [1]	755.7	79.6	117.8	10.5	15.6	1,172.5	117.0	170.7	10.0	14.6
Corporate stock [2]	418.3	227.3	264.4	53.6	62.4	731.7	366.3	423.3	50.1	57.9
Bonds	95.3	33.2	38.4	34.8	40.3	141.3	63.7	71.5	45.1	50.6
Cash [3]	284.7	28.9	42.5	10.2	14.9	505.6	48.1	71.2	9.5	14.1
Debt instruments [4]	59.2	16.5	21.8	27.9	36.8	88.9	21.9	29.6	24.8	33.3
Life insurance [5]	84.0	7.1	10.7	8.5	12.7	119.7	8.4	13.8	7.0	11.5
Trusts [6]	46.7	(NA)	(NA)	(NA)	(NA)	74.1	60.0	64.5	81.0	87.0
Miscellaneous	341.2	39.8	52.7	11.7	15.4	532.4	47.0	68.7	8.8	12.9
Liabilities [7]	**314.4**	**47.8**	**61.0**	**15.2**	**19.4**	**559.9**	**75.8**	**100.5**	**13.5**	**17.9**
Net worth	**1,729.5**	**384.6**	**487.3**	**22.2**	**23.8**	**2,732.2**	**596.7**	**748.1**	**21.8**	**27.4**
Number of persons (mil.)	(X)	.93	1.87	(X)	(X)	(X)	1.01	2.03	(X)	(X)

	1972					1976				
	Value of gross personal assets held by—			Percent held by—		Value of gross personal assets held by—			Percent held by—	
	All persons	Top ½ percent of all	Top 1 percent of all	Top ½ percent of all	Top 1 percent of all	All persons	Top ½ percent of all	Top 1 percent of all	Top ½ percent of all	Top 1 percent of all
Total assets	**4,021.2**	**822.4**	**1,046.9**	**20.5**	**26.0**	**5,644.0**	**776.9**	**1,032.1**	**13.8**	**18.3**
Real estate [1]	1,501.9	150.9	225.0	10.0	15.0	2,435.1	209.0	305.7	8.6	12.6
Corporate stock [2]	784.6	429.3	491.7	54.7	62.7	648.0	248.2	297.8	38.3	46.0
Bonds	159.3	82.5	94.8	51.8	59.5	249.9	64.1	74.4	25.7	29.8
Cash [3]	683.4	63.6	101.2	9.3	14.8	1,023.5	68.5	111.8	6.7	10.9
Debt instruments [4]	90.6	30.3	40.8	33.4	45.0	121.5	33.1	44.8	27.2	36.9
Life insurance [5]	141.8	6.2	10.0	4.4	7.1	178.9	7.8	12.7	4.4	7.1
Trusts [6]	93.8	80.3	89.4	85.6	95.3	97.9	(NA)	(NA)	(NA)	(NA)
Miscellaneous	659.6	59.5	83.3	9.0	12.6	987.1	(NA)	(NA)	(NA)	(NA)
Liabilities [7]	**719.5**	**100.7**	**131.0**	**14.0**	**18.2**	**1,047.2**	**117.0**	**148.4**	**11.2**	**14.2**
Net worth	**3,301.7**	**721.7**	**915.9**	**21.9**	**27.7**	**4,596.8**	**659.6**	**883.2**	**14.3**	**19.2**
Number of persons (mil.)	(X)	1.04	2.09	(X)	(X)	(X)	1.08	2.15	(X)	(X)

NA Not available. X Not applicable. [1] Market value without deduction of mortgages, liens, or other incumbrances. Includes foreign real estate. [2] Includes all common and preferred issues, shares in domestic or foreign firms, certificates and shares of building and loan and savings and loan associations, Federal land bank stock, accrued dividends, and other instruments representing equity interest in an enterprise. Stock held in trust is included, but value is understated. [3] Includes checking and savings balances, currency on hand or in safe deposit boxes, cash balances with stock brokers, and postal savings accounts. Cash in trust is included, but understated. [4] Includes notes and mortgages, security credit, and similar assets. [5] Cash surrender value; i.e., the amount individuals could expect to receive were they to surrender their policies to the carriers. It takes account of policy loans, accrued dividends, and unearned premiums. [6] Includes all assets owned in trust except real estate. Trust classification figures should not be used to arrive at total assets because these data are included in individual asset types. [7] Includes all legal obligations except loans on life insurance policies.

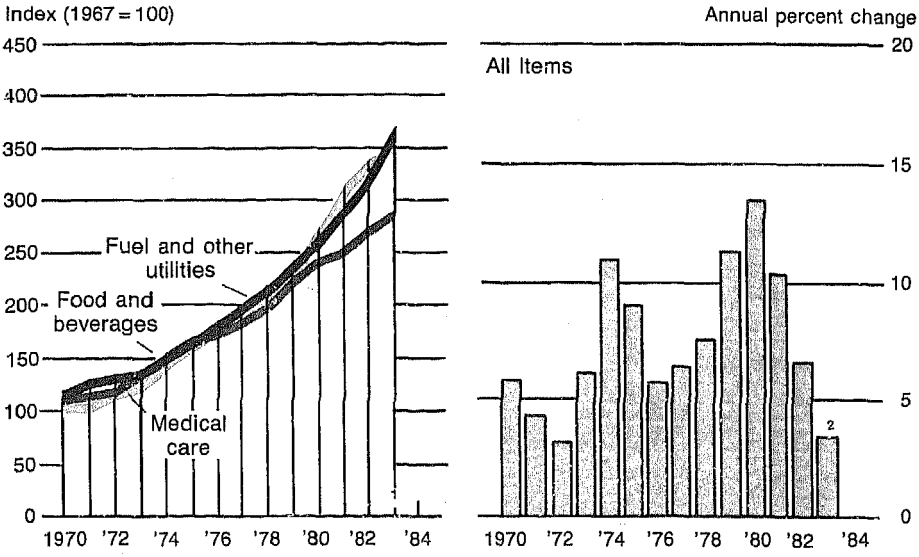
Source: James D. Smith and Stephen D. Franklin, "The Concentration of Personal Wealth, 1922–1969," *The American Economic Review*, Volume LXIV, Number 2, May 1974 (copyright), and U.S. Congress, House Committee on the Budget, *Data on Distribution of Wealth in the United States* and unpublished data.

Figure 16.1
Producer Price Indexes by Stage of Processing: 1970 to 1983

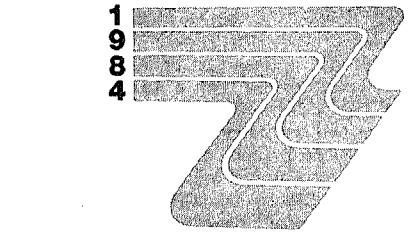


[1] Annual rate for five months ending May 1983. [2] Percent change, May 1982 – May 1983.
Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 797 and 802.

Figure 16.2
Consumer Price Indexes: 1970 to 1983



[1] Annual rate for five months ending May 1983. [2] Percent change, May 1982 – May 1983.
Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 797 and 811.



Section 16

Prices

This section presents indexes of producer and consumer prices, actual prices for selected commodities, and budgets for urban families and retired couples. The primary sources of these data are monthly publications of the Department of Labor, Bureau of Labor Statistics, which include: *Monthly Labor Review; Consumer Price Index, Detailed Report; Consumer Prices: Energy* and *Food;* and *Producer Prices and Price Indexes.* The Bureau of Economic Analysis of the Department of Commerce is the source for the gross national product (GNP) implicit price deflator figures; see table 799. The Department of Agriculture's Economic Research Service (ERS) produces indexes of prices received and prices paid by farmers; see section 24. The single year 1967 has been the standard reference base period for most general-purpose index numbers prepared by Federal agencies; however, this standard reference base period will be changed to the year 1977.

The Bureau of Labor Statistics (BLS) prepares monthly indexes of producer prices for a large selection of commodities, and monthly indexes of consumer prices for both commodities and services.

Producer price index.—Formerly known as the wholesale price index, this index, dating from 1890, is the oldest continuous statistical series published by BLS. It is designed to measure average changes in prices of all commodities, at all stages of processing, produced or imported for sale in primary markets in the U.S.

The index has undergone several revisions (see *Monthly Labor Review,* February 1962 and April 1978). It is now based on approximately 3,400 commodity price series instead of the approximately 1,900 included in the 1947–1960 period and the 900 included for the period prior to 1947. Prices used in constructing the index are collected from sellers, if possible, and generally apply to the first significant large-volume commercial transaction for each commodity—i.e., the manufacturer's or other producer's selling price, the importer's selling price, or the selling price on an organized exchange or at a central market.

The weights used in the index represent the total net selling value of commodities produced or processed in this country, or imported. Values are f.o.b. production point and are exclusive of excise taxes, interplant transfers, military products, and goods sold directly at retail from producing establishments. Beginning in January 1976, the weights are values of net shipments of commodities as derived from the industrial censuses of 1972 and other data. For January 1967–December 1975, weights were based on 1963 shipment values.

Implicit price deflators.—Several measures of the change in prices paid by U.S. consumers are available. Each of them is constructed differently and behaves differently. Three such measures are: *the implicit price deflator* for personal consumption expenditures (PCE) and the *chain price index* for PCE, prepared by Bureau of Economic Analysis (BEA) and the *consumer price index;* prepared by BLS.

Many of the differences are traceable to the fact that the population groups covered by the BEA measures are "persons" as defined in the national income and product accounts, i.e., mainly individuals and nonprofit institutions and individuals serving them. The CPI covers all urban consumers. Weights also differ in each of the three measures. In terms of relative importance, approximately 70 percent of the expenditure components used in constructing the BEA and the CPI are comparable. CPI measures are also used in constructing most of the BEA measures for noncomparable PCE components. All together, almost 95 percent of the weight of the price indexes used in the construction of the BEA measures is taken from the CPI. See U.S. Bureau of Economic Analysis, *Survey of Current Business,* March 1978 for a detailed reconciliation.

Consumer price indexes (CPI).—The CPI is a measure of the average change in prices over time in a fixed "market basket" of goods and services purchased either by urban wage earners and clerical workers or by all urban consumers.

In 1919, BLS began to publish complete indexes at semiannual intervals, using a weighting structure based on data collected in the expenditure survey of wage-earner and clerical-worker families in 1917–19 (BLS Bulletin 357, 1924). The first major revision of the CPI occurred in 1940, with subsequent revisions in 1953, 1964, and 1978.

The current revision, initially issued with release of the January 1978 data, is based on updated "market baskets" of goods and services and revised expenditure weights derived from a 1972–1973 Consumer Expenditure Survey.

Effective with the January 1978 index, BLS began publishing CPI's for two population groups: (1) a new CPI for All Urban Consumers (CPI–U) which covers approximately 80 percent of the total noninstitutional civilian population; and (2) a revised CPI for Urban Wage Earners and Clerical Workers (CPI–W) which represents about half the population covered by CPI–U. The CPI–U includes in addition to wage earners and clerical workers, groups which historically have been excluded from CPI coverage, such as professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, and retirees and others not in the labor force. Separate, although overlapping, samples were used for the two indexes from January 1978 to January 1982. Thereafter, the same samples were used for both indexes.

In January 1983, the method of measuring homeownership costs in the CPI–U was changed to a rental equivalence approach. This treatment calculates homeowner costs of the shelter based on the implicit rent owners would pay to rent the homes they own. The former asset approach incorporated both investment as well as consumption costs in its measure. The rental equivalence approach will be introduced into the CPI–W in January 1985.

The CPI is based on prices of food, clothing, shelter, fuels, transportation fares, charges for doctors' and dentists' services, drugs, and other goods and services purchased for day-to-day living. Prices are collected in 85 areas across the country from over 24,000 tenants, 18,000 housing units for property taxes, and about 32,400 establishments. Area selection was based on the 1970 census. All taxes directly associated with the purchase and use of items are included in the index. Prices of food, fuels, and a few other items are obtained every month in all 85 locations. Prices of most other commodities and services are collected monthly in the five largest geographic areas and every other month in other areas.

In calculating the index, each item is assigned a weight to account for its relative importance in consumers' budgets. Price changes for the various items in each location are then averaged. Local data are then combined to obtain a U.S. city average. Separate indexes are also published for regions, area size-classes, cross-classification of region and size-classes, and for 28 local areas, usually consisting of the Standard Metropolitan Statistical Area (SMSA); see text, page 2. Area definitions are those established by the Office of Management and Budget in 1973. Definitions do not include revisions made since 1973. Area indexes do not measure differences in the level of prices among cities, they only measure the average change in prices for each area since the base period. For further detail regarding the CPI, see *Consumer Price Index; Concepts and Content Over the Years,* BLS report number 517.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to the producer price index and the CPI, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 796. Purchasing Power of the Dollar: 1940 to 1983

[1967 = $1.00. Producer prices prior to 1961, and consumer prices prior to 1964, exclude Alaska and Hawaii. For 1940 and 1945, producer prices based on all commodities index; subsequent years based on finished goods index. Obtained by dividing the average price index for the 1967 base period (100.0) by the price index for a given period and expressing the result in dollars and cents. Annual figures are based on average of monthly data]

YEAR	ANNUAL AVERAGE AS MEASURED BY—		YEAR	ANNUAL AVERAGE AS MEASURED BY—		YEAR	ANNUAL AVERAGE AS MEASURED BY—	
	Producer prices	Consumer prices		Producer prices	Consumer prices		Producer prices	Consumer prices
1940	$2.469	$2.381	1958	$1.073	$1.155	1970	$.907	$.860
1945	1.832	1.855	1959	1.075	1.145	1971	.880	.824
1948	1.252	1.387	1960	1.067	1.127	1972	.853	.799
1949	1.289	1.401	1961	1.067	1.116	1973	.782	.752
1950	1.266	1.387	1962	1.064	1.104	1974	.678	.678
1951	1.156	1.285	1963	1.067	1.091	1975	.612	.621
1952	1.163	1.258	1964	1.063	1.076	1976	.586	.587
1953	1.175	1.248	1965	1.045	1.058	1977	.550	.551
1954	1.172	1.242	1966	1.012	1.029	1978	.510	.512
1955	1.170	1.247	1967	1.000	1.000	1979	.459	.461
1956	1.138	1.229	1968	.972	.960	1980	.405	.406
1957	1.098	1.186	1969	.936	.911	1981	.371	.367
						1982	.356	.346
						1983, May	.352	.337

Source: U.S. Bureau of Labor Statistics. Monthly data in U.S. Bureau of Economic Analysis, *Survey of Current Business.*

No. 797. Annual Percent Change in Selected Price Indexes: 1960 to 1983

[Yearly averages. Minus sign (−) indicates decrease. GNP=Gross national product; see text, p. 445]

Year or period	Consumer prices						Producer prices					GNP deflator [2]			
	All items	Food	Fuel oil and coal [1]	Gas (piped) and electricity	Rent	Services	Finished goods		Intermediate goods	Crude goods		Total	Domestic business	Nonfarm business	PCE [2 3] deflator
							Total	Consumer foods		Total	Fuel				
1960 [4]	1.6	1.0	−.7	4.1	1.4	3.3	.8	2.2	-	−2.4	1.0	1.6	1.5	1.5	1.9
1961	1.0	1.3	2.0	.8	1.3	2.0	-	−.4	−.6	−.5	−.2	.9	.6	.6	1.0
1962	1.1	.9	.5	-	1.2	1.9	.3	.9	−.1	1.0	−.5	1.8	1.5	1.5	1.5
1963	1.2	1.4	1.9	-	1.1	2.0	−.3	−1.2	.3	−2.2	1.2	1.5	1.1	1.2	1.6
1964	1.3	1.3	−.5	-	.9	1.9	.4	.5	.3	−.9	−.4	1.5	1.0	1.1	1.4
1965	1.7	2.2	2.0	-	1.0	2.2	1.7	3.8	1.4	5.1	.8	2.2	1.9	1.6	1.8
1966	2.9	5.0	2.5	.2	1.3	3.9	3.2	6.5	2.5	6.4	3.0	3.2	2.9	2.7	2.9
1967	2.9	.9	3.1	.4	1.8	4.4	1.2	−1.6	.8	−5.4	3.8	3.0	2.7	3.1	2.4
1968	4.2	3.6	3.1	.9	2.4	5.2	2.8	3.6	2.3	1.6	2.3	4.4	3.9	3.8	4.0
1969	5.4	5.1	2.4	1.9	3.2	6.9	3.7	6.2	3.4	6.7	4.2	5.1	4.8	4.7	4.5
1970	5.9	5.5	4.3	4.4	4.2	8.1	3.5	3.2	3.9	3.6	15.0	5.4	4.5	4.7	4.6
1971	4.3	3.0	6.7	6.9	4.6	5.6	3.1	1.6	3.8	2.5	13.4	5.0	4.4	4.5	4.3
1972	3.3	4.3	.9	5.1	3.5	3.8	3.1	5.6	4.0	10.9	7.0	4.2	3.5	3.0	3.7
1973	6.2	14.5	14.8	4.9	4.3	4.4	9.1	20.3	10.9	36.4	10.6	5.8	5.5	3.9	5.7
1974	11.0	14.4	57.8	15.3	5.1	9.3	15.3	14.0	23.8	12.7	33.4	8.8	9.2	9.8	10.1
1975	9.1	8.5	9.6	16.3	5.1	9.5	10.8	8.4	10.5	.4	23.7	9.3	9.5	9.9	7.6
1976	5.8	3.1	6.6	11.4	5.4	8.3	4.4	−.3	5.1	2.9	12.4	5.2	4.8	5.1	5.1
1977	6.5	6.3	13.0	12.9	6.1	7.7	6.5	5.3	6.6	3.2	21.9	5.8	5.6	5.8	5.8
1978	7.7	10.0	5.3	9.0	6.8	8.5	7.8	9.1	7.0	12.0	14.7	7.4	7.5	7.1	7.0
1979	11.3	10.9	35.1	10.8	7.3	11.0	11.1	9.2	12.8	17.0	18.9	8.6	8.9	8.7	9.0
1980	13.5	8.6	37.9	17.1	8.9	15.4	13.5	5.9	15.3	11.0	21.2	9.2	9.2	9.8	10.2
1981	10.4	7.9	21.6	14.6	8.7	13.1	9.2	5.9	9.2	8.0	22.1	9.4	9.3	9.5	8.4
1982	6.1	4.0	−1.2	13.8	7.6	9.0	4.0	2.2	1.4	−2.9	18.0	6.0	5.6	5.9	5.8
1983 [5]	3.5	2.4	−3.7	10.3	6.0	3.3	2.3	.1	.1	−.8	8.3	4.4	3.9	4.1	4.6
1960–65 [6]	1.3	1.4	1.2	.2	1.1	2.0	.4	.7	.2	.5	.2	1.6	1.2	1.2	1.4
1965–70 [6]	4.2	4.0	3.1	1.5	2.6	5.7	2.9	3.5	2.6	2.5	5.6	4.2	3.8	3.8	3.7
1970–75 [6]	6.7	8.8	16.4	9.6	4.5	6.5	8.2	9.8	10.4	11.9	17.2	6.6	6.4	6.2	6.3
1975–80 [6]	8.9	7.7	18.8	12.2	6.9	10.2	8.6	5.8	9.3	9.1	17.8	7.3	7.2	7.3	7.4
1980–82 [6]	8.2	5.9	9.6	14.2	8.1	11.0	6.6	4.1	5.2	2.4	20.0	7.7	7.4	7.7	7.1

- Represents zero. [1] Includes bottled gas. [2] Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76, Survey of Current Business*, July 1982 and July 1983. Index 1972=100. [3] PCE=Personal consumption expenditures. See table 799. [4] Base year for percent change is 1959. [5] Change from May 1982–May 1983, except GNP deflator, 2d qtr. 1982 to 2d qtr. 1983. [6] Average annual percent change. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: Except as noted, U.S. Bureau of Labor Statistics, *Monthly Labor Review.*

No. 798. Annual Percent Change in Wage Rates, Costs, Productivity, and Federal Budget: 1971 to 1983

Item	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Wage rates and earnings, private nonfarm:													
Average hourly earnings	6.8	7.2	6.5	7.6	6.8	7.3	8.0	8.4	8.3	8.1	8.9	5.8	[1] 4.3
Adjusted hourly earnings index	7.1	6.4	6.2	7.9	8.3	7.2	7.6	8.1	8.0	9.0	9.1	6.8	(NA)
Employment cost index, total	(NA)	(NA)	(NA)	(NA)	(NA)	7.2	7.0	7.7	8.7	9.0	8.8	6.3	[1] 5.4
Union	(NA)	(NA)	(NA)	(NA)	(NA)	8.1	7.6	8.0	9.0	10.9	9.6	6.5	[1] 5.6
Nonunion	(NA)	(NA)	(NA)	(NA)	(NA)	6.8	6.6	7.6	8.5	8.0	8.5	6.1	[1] 5.4
Nonfarm business:													
Compensation per hour	6.6	6.7	7.6	9.4	9.6	8.1	7.5	8.6	9.0	10.4	9.8	7.8	[2] 6.1
Productivity	3.3	3.7	2.4	−2.5	2.0	3.0	2.2	.6	−1.5	−.7	1.9	−.1	[2] 2.9
Unit labor costs	3.2	2.8	5.0	12.2	7.4	4.8	5.2	8.0	10.7	11.1	7.7	7.9	[2] 3.1
Federal government budget: [3]													
Receipts	−2.9	10.8	11.3	14.0	6.0	6.8	19.3	12.4	16.0	11.6	15.9	3.1	[4] −3.3
Outlays	7.4	9.8	6.5	9.1	21.0	12.4	9.9	11.9	9.5	17.4	14.0	10.8	[4] 10.5
Gross debt	7.0	6.8	7.1	3.8	11.9	16.1	12.2	10.1	6.8	9.7	9.8	14.2	[4] 20.6

NA Not available. [1] Change from June 1982–June 1983. [2] Change from 2d qtr. 1982 to 2d qtr. 1983. [3] Fiscal year data; see table 498. Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual. [4] Estimate.

Source: Except as noted, U.S. Bureau of Labor Statistics, *Monthly Labor Review* and *Employment and Earnings*, monthly and *Current Wage Developments*, May 1983.

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No. 799. Gross National Product Implicit Price Deflators: 1960 to 1982

[1972=100. See *Historical Statistics, Colonial Times to 1970*, series E 1-22, for data based on 1958=100. Minus sign (−) indicates decrease]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Gross national product	**73.9**	**79.2**	**96.4**	**125.8**	**132.3**	**140.1**	**150.4**	**163.4**	**178.4**	**195.1**	**206.9**
Nonfarm business	79.7	83.4	99.2	125.4	131.8	139.4	149.2	162.1	178.1	195.0	206.5
Farm	69.1	73.5	82.9	145.3	142.9	146.0	180.1	209.4	193.3	199.6	190.2
Government	49.5	60.0	85.1	124.0	133.0	142.4	151.7	161.7	175.5	191.9	207.7
Personal consumption expenditures	71.9	77.2	92.5	125.3	131.7	139.3	149.1	162.5	179.0	194.1	205.3
Durable goods	83.8	86.8	95.7	117.3	123.9	129.2	136.4	145.0	156.2	167.3	174.8
Motor vehicles and parts	80.7	86.2	94.9	117.6	126.6	133.6	143.0	154.2	166.6	181.5	191.3
Nondurable goods [1]	72.6	77.3	93.6	132.5	137.2	143.6	153.4	169.9	188.1	202.5	209.0
Food	70.1	75.6	92.6	136.8	140.5	148.4	160.6	177.0	190.7	206.7	215.7
Gasoline and oil	84.5	87.5	97.9	157.7	164.3	173.7	181.3	243.2	337.9	375.8	357.1
Fuel oil and coal	76.2	80.8	93.6	197.4	212.0	239.9	252.7	340.2	470.8	572.1	565.6
Services [1]	67.9	74.2	90.5	121.6	129.6	139.3	150.0	162.3	178.8	195.8	211.6
Housing	75.1	80.3	92.1	116.8	123.4	131.6	141.2	152.5	166.5	181.2	195.0
Transportation	63.3	68.9	87.2	112.0	125.5	141.8	150.5	160.8	184.2	202.4	215.4
Gross private fixed investment [2]	72.1	74.0	91.1	131.9	139.2	149.8	163.2	178.5	193.4	208.4	215.3
Nonresidential	72.5	74.7	91.3	132.2	138.6	146.3	157.2	170.8	186.2	201.9	209.7
Structures	63.7	66.4	88.2	144.8	149.0	159.4	176.4	200.2	227.4	254.2	265.8
Producers' durable equipment	79.4	80.6	93.2	126.2	133.9	141.0	149.7	158.8	169.1	179.5	183.1
Residential	71.4	72.3	90.5	131.0	140.7	158.0	178.3	200.5	218.5	233.5	240.2
Exports	232.2	222.1	94.2	149.6	155.3	161.9	172.6	192.5	212.9	230.8	236.0
Imports	201.2	233.8	89.0	179.6	185.6	205.5	214.1	246.1	289.4	293.4	278.9
Government purchases [3]	78.6	87.4	112.5	128.2	136.6	146.3	157.3	170.4	189.2	207.9	222.5
Federal	118.8	138.0	173.5	126.0	133.5	142.8	153.1	164.8	185.2	207.7	222.0
State and local	56.5	64.9	88.6	129.4	138.3	148.4	159.7	173.7	191.5	208.1	222.9
	ANNUAL PERCENT CHANGE [4]										
Gross national product	**1.9**	**1.4**	**4.5**	**5.5**	**5.2**	**5.8**	**7.4**	**8.6**	**9.2**	**9.4**	**6.0**
Personal consumption expenditure	1.9	1.8	4.6	6.3	5.1	5.8	7.0	9.0	10.2	8.4	5.8
Durable goods	.1	−.3	2.5	4.2	5.6	4.2	5.6	6.3	7.7	7.1	4.5
Nondurable goods	1.6	1.9	4.8	7.2	3.6	4.7	6.8	10.8	10.7	7.7	3.2
Services	3.0	2.0	5.3	6.1	6.6	7.5	7.7	8.2	10.1	9.5	8.1
Gross private fixed investment [2]	.4	1.5	4.8	7.7	5.6	7.6	8.9	9.4	8.4	7.8	3.3
Nonresidential	.3	1.2	5.3	7.7	4.9	5.6	7.4	8.6	9.0	8.4	3.8
Residential	.5	1.7	3.3	7.7	7.4	12.3	12.9	12.4	9.0	6.9	2.9
Exports	8.9	−1.6	5.1	9.7	3.7	4.3	6.6	11.5	10.6	8.4	2.2
Imports	−4.7	6.7	6.4	15.1	3.3	10.7	4.2	14.9	17.6	6.4	−5.0
Government purchases [3]	−.4	1.6	4.5	2.7	6.6	7.1	7.5	8.4	11.0	9.9	7.0

[1] Includes items not shown separately. [2] Domestic investments only. [3] Goods and services.
[4] For 1960, base year for percent change is 1959; for 1965, base year is 1964; for 1970, base year is 1969; 1975-82, change from prior year shown. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76;* and *Survey of Current Business*, July 1983.

No. 800. Producer Price Indexes—Major Commodity Groups: 1950 to 1983

[1967=100. Prior to 1961, excludes Alaska and Hawaii. See text, p. 483. See also *Historical Statistics, Colonial Times to 1970*, series E 23 and 24]

YEAR	All commodities	Farm products	Processed foods and feeds	INDUSTRIAL COMMODITIES	
				Total	Energy [1]
1950	81.8	106.7	83.4	78.0	87.1
1951	91.1	124.2	92.7	86.1	90.3
1952	88.6	117.2	91.6	84.1	90.1
1953	87.4	106.2	87.4	84.8	92.6
1954	87.6	104.7	88.9	85.0	91.3
1955	87.8	98.2	85.0	86.9	91.2
1956	90.7	96.9	84.9	90.8	94.0
1957	93.3	99.5	87.4	93.3	99.1
1958	94.6	103.9	91.8	93.6	95.3
1959	94.8	97.5	89.4	95.3	95.3
1960	94.9	97.2	89.5	95.3	96.1
1961	94.5	96.3	91.0	94.8	97.2
1962	94.8	98.0	91.9	94.8	96.7
1963	94.5	96.0	92.5	94.7	96.3
1964	94.7	94.6	92.3	95.2	93.7
1965	96.6	98.7	95.5	96.4	95.5
1966	99.8	105.9	101.2	98.5	97.8
1967	100.0	100.0	100.0	100.0	100.0
1968	102.5	102.5	102.2	102.5	98.9
1969	106.5	109.1	107.3	106.0	100.9
1970	110.4	111.0	112.1	111.0	106.2
1971	114.0	112.9	114.5	114.1	115.2
1972	119.1	125.0	120.8	117.9	118.6
1973	134.7	176.3	148.1	125.9	134.3
1974	160.1	187.7	170.9	153.8	208.3
1975	174.9	186.7	182.6	171.5	245.1
1976	183.0	191.0	178.0	182.4	265.6
1977	194.2	192.5	186.1	195.1	302.2
1978	209.3	212.5	202.6	209.4	322.5
1979	235.6	241.4	222.5	236.5	408.1
1980	268.8	249.4	241.2	274.8	574.0
1981	293.4	254.9	248.7	304.1	694.5
1982	299.3	242.4	251.5	312.3	693.2
1983, May	301.7	250.3	256.1	313.8	654.8

[1] Fuels, related products, and power.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 801. Producer Price Indexes—Annual Percent Change in Selected Commodity Groups: 1971 to 1983

[Minus sign (−) indicates decrease]

COMMODITY GROUP	1971[1]	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983[2]
All commodities	**3.3**	**4.5**	**13.1**	**18.9**	**9.2**	**4.6**	**6.1**	**7.8**	**12.6**	**14.1**	**9.2**	**2.0**	**1.0**
Farm products	1.7	10.7	41.0	6.5	−.5	2.3	.8	10.4	13.6	3.3	2.2	−4.9	−2.4
Processed foods, feeds	2.0	5.7	22.6	15.4	6.8	−2.5	4.6	8.9	9.8	8.4	3.1	1.1	.7
Textile products, apparel	1.4	4.6	9.0	12.4	−.9	7.5	3.9	3.8	5.6	8.8	8.8	2.5	.7
Hides, skins, leather, related products	3.4	15.2	9.0	1.4	2.3	13.0	6.9	11.5	26.2	−1.4	4.8	.7	2.6
Fuels, related products, power	7.5	3.9	13.2	55.1	17.7	8.4	13.8	6.7	26.5	40.7	21.0	−.2	−1.1
Chemicals, allied products	2.0	-	5.6	33.5	23.5	3.3	3.0	3.1	11.8	17.1	10.5	1.6	−1.3
Rubber and plastic products	.8	.1	2.8	21.2	10.3	6.0	5.3	4.3	11.2	11.9	7.0	3.8	.3
Lumber and wood products	11.8	13.6	22.8	3.6	−3.6	16.2	14.9	16.8	8.8	−3.8	1.3	−2.8	7.6
Pulp, paper, and allied products	1.8	3.0	7.7	24.2	12.3	5.3	3.9	4.9	12.0	13.8	9.9	5.4	2.1
Metals and metal products	2.1	3.8	7.5	29.4	8.0	5.5	6.7	8.7	14.2	10.5	4.9	.4	1.3
Machinery and equipment	3.7	2.1	3.2	14.5	15.8	5.9	6.3	7.9	9.1	12.1	9.8	5.9	2.7
Furniture and household durables	2.2	1.4	3.4	11.0	9.2	4.2	4.1	5.9	6.8	9.6	5.8	4.2	3.3
Nonmetallic mineral products	8.4	3.0	3.3	17.7	13.6	7.1	7.6	11.1	11.6	13.8	9.4	3.5	.9
Transportation equipment	5.4	3.1	1.2	9.0	12.7	6.8	6.8	7.6	8.4	10.0	13.7	9.8	3.4

- Represents zero. [1] Change from 1970. [2] Change from May 1982–May 1983.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 802. Producer Price Indexes, by Stage of Processing: 1970 to 1983

[1967 = 100. 1960 excludes Alaska and Hawaii. Minus sign (−) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series E 73-86]

STAGE OF PROCESSING AND COMMODITY	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, May
Crude materials for further processing	**112.3**	**173.9**	**196.1**	**196.9**	**202.7**	**209.2**	**234.4**	**274.3**	**304.6**	**329.0**	**319.5**	**325.7**
Foodstuffs and feedstuffs	112.0	179.9	189.4	191.8	190.2	192.1	216.2	247.9	259.2	257.4	247.8	256.5
Nonfoods, exc. fuel	109.8	161.5	205.4	188.3	206.7	212.2	233.1	284.5	346.1	413.7	376.8	368.5
For manufacturing	109.6	165.4	212.8	192.4	211.6	216.8	238.2	292.7	357.4	429.4	387.2	378.1
For construction	113.9	124.9	135.1	151.1	161.2	170.6	185.7	207.0	237.6	261.8	270.3	267.6
Fuel	122.6	164.5	219.4	271.5	305.3	372.1	426.8	507.6	615.0	751.2	886.1	936.8
Manufacturing industries	116.9	153.2	197.4	252.1	300.1	384.6	446.2	549.6	690.5	864.9	1,034.8	1,102.2
Nonmanufacturing industries	130.2	179.4	248.4	297.2	317.1	370.9	421.1	485.0	567.0	674.0	782.2	819.7
Intermediate materials, supplies, components	**109.9**	**131.6**	**162.9**	**180.0**	**189.1**	**201.5**	**215.6**	**243.2**	**280.3**	**306.0**	**310.4**	**310.1**
Materials and components for manufacturing	110.0	127.7	162.2	178.7	185.4	195.4	208.7	234.4	265.7	286.1	289.8	292.0
Materials for—												
Food manufacturing	112.9	146.0	209.2	209.4	180.0	183.4	206.5	229.4	264.4	260.4	255.1	256.8
Nondurable manufacturing	103.8	121.2	155.2	174.7	184.2	190.0	196.7	222.8	259.5	285.8	284.4	277.7
Durable manufacturing	114.7	133.7	171.7	188.4	201.0	217.6	236.2	270.6	301.0	312.1	310.1	318.4
Components for manufacturing	111.1	121.4	139.9	158.3	166.6	176.8	189.6	207.5	231.8	259.3	273.9	279.6
Materials and components for construction	112.6	136.7	161.6	176.4	188.4	203.4	224.7	247.4	268.3	287.6	293.7	300.5
Processed fuels, lubricants	105.0	131.5	199.1	233.0	250.1	282.5	295.3	364.8	503.0	595.4	591.7	552.8
Containers	111.4	129.2	152.2	171.4	180.2	188.3	202.8	226.8	254.5	276.1	285.6	286.1
Supplies	108.0	140.6	154.5	168.1	179.0	188.7	198.5	218.2	244.5	263.8	272.1	275.9
For manufacturing industries	110.0	121.1	141.7	157.9	166.5	177.0	189.3	207.5	231.9	253.1	265.8	269.2
For nonmanufacturing industries	107.2	150.7	161.1	173.4	185.5	194.8	203.3	223.8	251.1	269.6	275.7	279.6
Finished goods	**110.3**	**127.9**	**147.5**	**163.4**	**170.6**	**181.7**	**195.9**	**217.7**	**247.0**	**269.8**	**280.6**	**284.3**
Consumer goods	109.9	129.2	149.3	163.6	169.7	180.7	194.9	217.9	248.9	271.3	281.0	283.3
Foods	113.5	146.4	166.9	181.0	180.4	189.9	207.2	226.2	239.5	253.6	259.3	262.6
Crude foods	116.3	160.2	180.8	181.2	193.9	201.0	216.8	233.1	237.2	263.8	252.7	266.8
Processed foods	113.1	143.9	164.6	181.3	177.8	187.3	204.6	223.8	237.8	250.6	257.7	260.1
Other nondurable goods	108.3	120.5	146.8	169.0	174.8	189.3	200.0	231.3	283.9	319.6	333.6	332.0
Durable goods	106.9	115.8	126.3	138.2	144.5	152.8	166.9	183.2	206.2	218.6	226.7	232.6
Capital equipment	112.0	123.5	141.0	162.5	173.4	184.6	199.2	216.5	239.8	264.3	279.4	286.8
	ANNUAL PERCENT CHANGE [1]											
Crude materials for further processing	**3.6**	**15.7**	**12.8**	**.4**	**2.9**	**3.2**	**12.0**	**17.0**	**11.0**	**8.0**	**−2.9**	**−.8**
Foodstuffs and feedstuffs	2.5	17.1	5.3	1.3	−.8	1.0	12.5	14.7	4.6	−.7	−3.7	−2.3
Fuel	15.0	10.3	33.4	23.7	12.4	21.9	14.7	18.9	21.2	22.1	18.0	8.3
Intermediate materials, supplies, components	**3.9**	**6.2**	**23.8**	**10.5**	**5.1**	**6.6**	**7.0**	**12.8**	**15.3**	**9.2**	**1.4**	**.1**
Materials and components for—												
Manufacturing	4.0	5.1	27.0	10.2	3.7	5.4	6.8	12.3	13.4	7.7	1.3	.2
Construction	1.6	6.7	18.2	9.2	6.8	8.0	10.5	10.1	8.4	7.2	2.1	2.3
Processed fuels, lubricants	6.6	7.8	51.4	17.0	7.3	13.0	4.5	23.5	37.9	18.4	−.6	−3.2
Finished goods	**3.5**	**5.1**	**15.3**	**10.8**	**4.4**	**6.5**	**7.8**	**11.1**	**13.5**	**9.2**	**4.0**	**2.3**
Consumer goods	3.1	5.5	15.6	9.6	3.7	6.5	7.9	11.8	14.2	9.0	3.6	2.0
Capital equipment	4.8	3.3	14.2	15.2	6.7	6.5	7.9	8.7	10.8	10.2	5.7	3.1

[1] For 1970, base year is 1969; thereafter change from prior year shown, except for 1983, change from May 1982–May 1983.

Source: Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 803. Producer Price Indexes, for Selected Commodities: 1970 to 1983

[1967=100, **except as noted.** See text, p. 483, and *Historical Statistics, Colonial Times to 1970,* series E 23-29]

COMMODITY GROUP	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, May
All commodities[1]	110.4	134.7	160.1	174.9	183.0	194.2	209.3	235.6	268.8	293.4	299.3	301.7
Farm products and processed foods and feeds	111.7	159.1	177.4	184.2	183.1	188.8	206.6	229.8	244.7	251.5	248.9	254.7
Farm products[1]	111.0	176.3	187.7	186.7	191.0	192.5	212.5	241.4	249.4	254.9	242.4	250.3
Fresh and dried fruits, vegetables	111.6	168.1	192.3	183.7	178.4	192.2	216.5	229.0	238.6	267.3	253.7	259.5
Grains	98.8	183.6	257.9	223.9	205.9	165.0	182.5	214.8	239.0	248.4	210.9	242.2
Livestock	116.7	190.4	170.6	187.9	173.3	173.0	220.1	260.3	252.7	248.0	257.8	258.0
Live poultry	99.5	179.5	157.4	189.8	166.9	175.4	199.8	194.3	202.1	201.2	191.9	186.9
Plant and animal fibers	90.2	197.8	193.9	153.1	233.9	202.3	193.4	209.9	271.1	242.0	202.9	223.9
Fluid milk	*115.3*	*145.0*	*172.8*	*180.2*	*201.2*	*202.8*	*219.7*	*250.1*	*271.2*	*287.4*	*282.5*	*279.8*
Eggs	126.8	165.7	160.6	159.8	179.1	162.0	158.6	176.5	171.0	187.1	178.7	185.1
Hay, hayseeds, and oilseeds	99.4	220.1	228.6	200.2	210.4	234.2	215.8	244.3	247.1	274.1	212.8	227.3
Processed foods and feeds	112.1	148.1	170.9	182.6	178.0	186.1	202.6	222.5	241.2	248.7	251.5	256.1
Cereal and bakery products	107.7	134.4	171.2	178.0	172.1	173.4	190.3	210.3	236.0	255.5	253.8	259.8
Meats, poultry, and fish	115.8	167.5	163.5	191.0	181.6	182.0	217.1	242.0	243.1	246.2	257.6	257.7
Dairy products	111.2	131.1	146.4	155.8	168.5	173.4	188.4	211.2	230.6	245.6	248.9	250.9
Processed fruits and vegetables	110.6	129.6	154.6	169.8	170.2	187.4	202.6	221.9	228.7	261.2	274.5	275.0
Sugar and confectionery	*115.8*	*132.3*	*258.9*	*254.3*	*190.9*	*177.4*	*197.8*	*214.7*	*322.5*	*275.9*	*269.7*	*289.5*
Beverages and beverage materials	113.0	121.7	140.7	162.4	173.5	201.0	200.0	210.7	233.0	248.0	256.9	263.3
Animal fats and oils	140.4	230.4	327.7	341.8	210.2	267.0	291.2	320.6	279.2	299.1	303.0	295.3
Crude vegetable oils	121.0	174.6	291.1	208.1	162.5	197.5	219.2	243.7	202.8	185.4	159.6	170.8
Refined vegetable oils	119.2	154.5	265.8	213.2	187.5	198.9	228.8	231.6	179.8	201.5	(NA)	(NA)
Vegetable oil end products	111.9	143.6	224.8	211.5	174.2	198.1	209.4	223.5	233.2	238.0	234.4	236.4
Miscellaneous processed foods	113.1	123.3	158.6	178.4	174.7	190.0	199.0	216.5	227.2	250.1	248.6	249.9
Manufactured animal feeds	103.7	198.7	184.1	172.1	194.4	204.6	197.4	219.4	226.8	230.2	211.3	221.2
Industrial commodities	110.0	125.9	153.8	171.5	182.4	195.1	209.4	236.5	274.8	304.1	312.3	313.8
Textile products and apparel	107.1	123.8	139.1	137.9	148.2	154.0	159.8	168.7	183.5	199.7	204.6	203.9
Synthetic fibers[2]	(NA)	(NA)	(NA)	(NA)	102.4	107.3	109.6	119.0	134.7	156.3	162.1	157.2
Processed yarns, threads[2]					99.5	100.9	102.4	109.2	122.5	136.0	138.3	137.6
Gray fabrics[2]					106.1	104.7	118.6	127.1	138.1	146.8	145.3	146.0
Finished fabrics[2]					101.1	103.7	103.8	107.4	115.7	125.2	124.6	122.2
Apparel	110.8	119.0	129.5	133.4	139.9	147.3	152.4	160.4	172.4	186.0	194.4	195.1
Textile housefurnishings	103.5	113.3	143.1	151.9	159.3	171.3	178.6	190.4	206.9	226.7	238.5	241.9
Hides, skins, leather, related products[1]	110.3	143.1	145.1	148.5	167.8	179.3	200.0	252.4	248.9	260.9	262.6	270.1
Hides and skins	104.2	253.9	195.9	174.5	258.4	286.7	360.5	535.4	370.9	(NA)	(NA)	(NA)
Leather	107.7	160.1	154.3	151.5	188.1	201.0	238.6	356.7	310.6	319.8	311.4	324.5
Footwear	113.3	130.5	140.0	147.8	158.9	168.7	183.0	218.0	233.1	240.9	245.0	248.7
Fuels, related products, power	106.2	134.3	208.3	245.1	265.6	302.2	322.5	408.1	574.0	694.5	693.2	654.8
Coal	150.3	218.1	332.4	385.8	368.7	389.4	430.0	450.9	467.3	497.2	534.7	535.0
Coke *(foundry byproduct)*	*127.4*	*166.6*	*247.7*	*330.8*	*346.8*	*379.4*	*411.8*	*429.2*	*430.6*	*456.4*	*461.7*	*438.4*
Gas fuels	103.6	126.7	162.2	216.7	286.8	387.8	428.7	544.1	760.7	939.4	1,060.8	1,159.0
Electric power	105.9	129.3	163.1	193.4	207.6	232.9	250.6	270.2	321.6	367.2	406.5	412.5
Crude petroleum, domestic	106.1	126.0	211.8	245.7	256.6	274.2	300.1	376.5	556.4	803.5	733.4	678.4
Petroleum products, refined	101.0	128.7	223.4	257.5	276.6	308.2	321.0	444.8	674.7	805.9	761.2	664.5
Chemicals and allied products[1]	102.2	110.0	146.8	181.3	187.2	192.8	198.8	222.3	260.3	287.6	292.3	291.3
Industrial chemicals	100.9	103.4	151.7	206.9	219.3	223.9	225.6	264.0	324.0	363.3	352.6	339.8
Prepared paint	112.4	122.2	145.7	166.9	174.4	182.4	192.3	204.4	235.3	249.8	262.8	265.1
Paint materials	101.4	113.2	152.3	177.2	189.8	*205.9*	*212.7*	*241.2*	*273.9*	*300.1*	*304.6*	*300.0*
Drugs and pharmaceuticals	101.2	104.3	112.7	126.6	134.0	140.5	148.1	159.4	174.5	193.5	210.1	225.3
Fats and oils, inedible	132.8	228.3	338.2	255.2	249.9	279.0	315.8	376.6	298.0	295.6	267.1	286.2
Agricultural chemicals and products	88.5	96.6	137.7	203.6	188.3	187.8	198.4	214.4	257.1	285.0	292.4	282.9
Plastic resins and materials	90.6	92.1	143.8	180.9	194.0	197.5	199.8	235.9	279.2	289.2	283.4	285.4
Rubber and plastic products[1]	108.3	112.4	136.2	150.2	159.2	167.6	174.8	194.3	217.4	232.6	241.4	242.9
Crude rubber	101.6	111.9	139.4	145.6	161.0	171.7	187.2	221.4	264.3	281.8	278.9	280.5
Tires and tubes	*109.0*	*111.4*	*133.4*	*148.5*	*161.5*	*169.6*	*179.2*	*205.9*	*236.9*	*250.6*	*255.2*	*246.5*
Miscellaneous rubber products	113.3	124.8	140.8	155.9	163.9	176.8	189.6	206.4	226.6	251.4	276.9	291.8
Plastic construction products[3]	97.2	94.1	118.9	123.9	127.2	133.2	136.4	147.5	154.2	154.8	148.5	149.1
Laminated plastic sheets, high pressure[4]	(NA)	97.8	116.3	124.6	131.1	141.1	146.4	158.8	173.7	188.8	186.2	178.7
Lumber and wood products	113.6	177.2	183.6	176.9	205.6	236.3	276.0	300.4	288.9	292.8	284.7	306.2
Lumber	113.7	205.2	207.1	192.5	233.0	276.5	322.4	354.3	325.8	325.1	310.8	357.3
Millwork	116.0	144.2	157.1	160.4	176.9	193.7	235.4	254.3	260.4	273.4	279.4	298.8
Plywood	*108.4*	*155.2*	*161.1*	*161.2*	*187.0*	*212.2*	*235.6*	*250.5*	*246.5*	*245.7*	*232.1*	*240.9*
Other wood products	117.3	149.7	166.6	161.9	166.2	184.3	211.8	235.4	249.2	239.1	236.2	231.1
Pulp, paper, and allied products	108.2	122.1	151.7	170.4	179.4	186.4	195.6	219.0	249.2	273.8	288.7	295.7
Pulp, paper, and products, exc. building paper and board	108.5	122.5	152.8	171.9	180.8	187.3	195.6	220.2	250.6	270.8	273.2	269.1
Woodpulp	109.6	128.3	217.8	283.4	286.0	281.1	266.5	314.3	380.3	397.1	379.0	345.8
Wastepaper	125.0	197.4	265.5	110.2	184.9	187.2	191.2	206.6	208.7	175.7	121.1	116.0
Paper	111.0	121.4	148.6	172.9	182.3	194.3	206.1	229.6	256.8	279.8	286.3	279.1
Paperboard	101.1	115.1	152.2	170.3	176.0	176.2	179.6	202.1	*234.6*	258.1	254.9	248.9
Converted paper and paperboard products	107.9	121.6	144.9	161.8	170.0	176.6	186.5	209.9	238.5	258.8	264.4	264.5
Building paper and board	101.0	112.8	123.5	127.1	138.7	157.0	187.4	182.4	206.2	231.7	239.5	249.3

See footnotes at end of table.

No. 803. Producer Price Indexes, for Selected Commodities: 1970 to 1983—Continued

[1967 = 100, except as noted. See headnote, p. 488]

COMMODITY GROUP	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, May
Metals and metal products	116.6	132.8	171.9	185.6	195.9	209.0	227.1	259.3	286.4	300.4	301.6	306.7
Iron and steel	115.1	136.2	178.6	200.9	215.9	230.4	253.6	283.5	305.2	333.8	339.0	341.1
Steel mill products	114.2	134.1	170.0	197.2	209.8	229.9	254.5	280.4	302.7	337.6	349.5	350.0
Nonferrous metals	124.7	135.1	187.1	171.6	181.6	195.4	207.8	216.7	305.0	285.8	263.6	277.9
Metal containers	112.6	134.7	164.7	192.1	202.2	218.2	243.4	269.2	298.6	315.6	328.5	337.4
Hardware	111.5	124.7	140.7	163.0	173.1	185.4	200.4	218.7	240.5	263.2	280.3	286.2
Plumbing fixtures, brass fittings	111.2	125.8	149.1	162.3	174.1	186.6	199.1	217.1	246.7	267.5	278.7	288.8
Heating equipment	110.6	120.4	135.0	150.7	158.0	165.5	174.4	187.1	206.7	224.2	237.2	242.4
Fabricated structural metal products	112.0	127.4	161.2	189.0	193.8	206.7	226.4	248.9	270.5	295.5	304.8	302.1
Miscellaneous metal products	114.3	129.5	157.3	181.1	186.9	196.2	212.0	231.4	250.5	270.5	282.3	284.9
Machinery and equipment	111.4	121.7	139.4	161.4	171.0	181.7	196.1	213.9	239.8	263.3	278.8	285.6
Agricultural	113.2	125.9	143.8	168.6	183.0	197.9	213.1	232.1	259.2	288.3	311.1	326.0
Construction	115.9	130.7	152.3	185.2	198.9	213.5	232.9	256.2	289.4	320.8	343.9	352.2
Metalworking	114.1	125.5	146.9	171.6	187.2	198.5	217.8	241.3	274.4	301.3	320.9	326.1
General purpose	113.7	127.0	151.2	178.5	189.8	201.8	216.6	236.4	264.6	288.7	304.0	308.4
Special industry	115.7	130.1	151.0	175.0	188.4	202.7	223.0	247.0	275.8	307.9	325.1	335.6
Electrical	106.4	112.4	125.0	140.7	146.7	154.1	164.9	178.9	201.7	220.2	231.6	237.7
Miscellaneous	112.8	124.0	139.5	162.3	171.9	180.7	194.7	208.9	229.9	252.6	268.4	275.2
Furniture and household durables [1]	107.5	115.2	127.9	139.7	171.9	151.5	160.4	171.3	187.7	198.5	206.9	213.3
Household furniture	111.7	123.0	136.6	146.3	153.6	162.2	173.5	186.3	204.8	219.2	229.8	234.3
Commercial furniture	*114.5*	*129.4*	*152.4*	*166.7*	*173.5*	*185.9*	*201.5*	*221.8*	*236.0*	*257.5*	*275.5*	*286.6*
Floor coverings	99.4	102.2	115.4	124.9	131.4	136.4	141.6	147.9	163.0	178.7	181.2	181.3
Household appliances	105.3	108.5	117.9	132.3	139.2	145.1	153.0	160.9	174.2	187.3	199.1	205.7
Home electronic equipment	93.3	91.9	93.1	93.5	91.3	87.7	90.2	91.1	91.4	89.2	88.1	86.7
Nonmetallic mineral products [1]	112.9	130.2	153.2	174.0	186.3	200.5	222.8	248.6	283.0	309.5	320.2	324.2
Flat glass	115.6	121.4	128.8	139.2	150.0	160.8	172.8	183.9	196.5	212.6	221.5	229.7
Concrete ingredients	112.6	131.2	148.7	172.3	186.7	199.0	217.7	244.0	274.0	296.3	310.0	314.8
Concrete products	112.2	131.7	151.7	170.5	180.1	191.8	214.0	244.1	273.9	291.2	297.8	301.0
Structural clay products	109.9	123.3	135.2	151.2	163.5	179.8	197.2	217.9	231.5	249.8	260.8	277.0
Refractories	120.9	136.3	143.5	166.0	184.0	199.5	216.5	236.5	264.6	302.4	337.1	338.7
Asphalt roofing	102.7	135.5	196.0	225.9	238.3	253.0	292.0	325.3	396.8	407.5	398.4	378.1
Gypsum products	99.7	120.9	137.6	144.0	154.4	183.5	229.1	252.3	256.3	256.2	256.1	275.3
Glass containers	120.4	138.9	155.5	179.7	195.4	214.2	244.4	261.1	292.7	328.7	355.5	351.8
Transportation equipment [1 5]	104.6	115.1	125.5	141.5	151.1	161.3	173.5	188.1	207.0	235.4	249.7	256.0
Motor vehicles and equipment	108.7	119.2	129.2	144.6	153.8	163.7	176.0	190.5	208.8	237.6	251.3	256.2
Motor vehicles	107.3	116.7	125.5	137.5	146.4	155.7	167.7	181.6	197.7	216.6	227.1	231.8
Railroad equipment	115.1	134.7	163.8	201.2	216.7	233.5	252.8	277.3	313.1	336.1	346.5	357.1
Miscellaneous products [1]	109.6	119.7	133.1	147.7	216.7	233.5	252.8	208.7	258.8	265.7	276.4	287.1
Toys, sporting goods, small arms, etc	109.3	117.9	132.3	146.0	150.0	155.2	163.2	176.2	198.6	211.9	221.5	226.5
Tobacco products	113.6	121.9	132.8	149.6	163.0	179.8	198.5	217.8	245.7	268.3	323.1	353.9
Notions	108.4	114.3	137.4	151.0	162.3	172.4	182.0	191.8	217.2	259.8	277.0	280.3
Photographic equipment and supplies	104.9	108.4	116.8	130.6	136.2	139.9	145.7	153.7	202.9	210.0	210.4	216.9

NA Not available. [1] Includes other product groups, not shown separately. [2] Dec. 1975 = 100. [3] Dec. 1969 = 100. [4] Dec. 1970 = 100. [5] Dec. 1968 = 100.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes,* monthly and annual.

No. 804. Indexes of Spot Primary Market Prices: 1970 to 1983

[1967 = 100. Index computed weekly through 1981; daily, beginning May 27, 1981. Represents unweighted geometric average of price quotations of 22 commodities. This index is much more sensitive to changes in market conditions than is a monthly producer price index]

ITEM AND NUMBER OF COMMODITIES	1970 (6-16)	1974 (6-11)	1975 (6-24)	1976 (6-29)	1977 (6-28)	1978 (6-27)	1979 (6-26)	1980 (6-24)	1981 (5-26)	1982 (5-25)	1983 (5-23)
All commodities (22)	113.6	221.5	189.9	210.9	206.7	230.0	281.3	265.1	267.9	247.6	249.8
Foodstuffs (9)	112.2	211.5	215.3	213.7	210.6	238.1	265.1	260.9	244.2	252.8	246.1
Raw industrials (13)	114.4	228.5	174.1	208.9	204.0	224.4	293.0	268.0	285.4	243.9	252.3
Livestock and products (5)	123.6	190.1	240.8	224.4	234.6	278.0	336.3	250.5	265.2	312.1	278.1
Metals (5)	125.2	261.4	166.8	215.4	203.0	220.6	332.8	257.9	267.3	218.2	225.9
Textiles and fibers (4)	99.9	183.9	158.8	181.4	170.1	173.6	192.2	234.7	243.0	206.6	208.0
Fats and oils (4)	128.6	224.3	213.6	208.3	235.7	253.5	289.4	229.5	238.7	255.7	225.9

Source: 1970–1981, U.S. Bureau of Labor Statistics, *Tuesday Spot Market Price Indexes and Prices,* weekly and monthly, thereafter, Commodity Research Bureau, Inc., Jersey City, N.J., *CRB Commodity Index Report,* weekly (copyright).

No. 805. Producer Prices of Selected Commodities: 1970 to 1982

[**In dollars per unit.** Annual averages of monthly figures. See *Historical Statistics, Colonial Times to 1970*, series E 123–134, for selected items]

COMMODITY	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982, Jan.–May, avg.
Farm products:										
Wheat, hard winter, No. 1, Kansas City	Bu	1.48	3.81	3.34	2.53	3.17	3.98	4.30	4.33	4.30
Steers, choice	100 lb	30.04	44.36	39.27	40.28	52.26	67.69	67.20	63.84	66.50
Cotton, raw	Lb	.25	.45	.68	.61	.58	[1].63	.82	.72	.60
Wool, combing and staple	Lb	1.03	1.49	[1]1.82	1.83	1.90	2.16	(NA)	(NA)	(NA)
Eggs, large	Doz	.43	.62	.70	.63	.62	.69	.67	.73	.74
Corn, No. 2 yellow, Chicago	Bu	1.37	2.90	2.70	2.21	2.56	2.91	3.32	3.16	2.67
Sugar, raw cane	100 lb	8.09	23.00	13.49	10.69	13.84	15.27	30.06	19.84	17.96
Processed foods:										
Flour, Kansas City	100 lb	5.57	9.37	[2]8.31	6.23	7.48	9.27	10.08	10.34	(NA)
Sugar, granulated (excl. excise tax)	5 lb	(NA)	1.67	1.03	.92	1.09	1.17	2.16	1.64	(NA)
Coffee, tin	Lb	.95	1.30	2.01	3.52	2.89	2.78	2.93	(NA)	(NA)
Lard, 1 and 2 lb. prints	Lb	.17	.36	.24	.24	.34	.40	.37	(NA)	(NA)
Beef, choice	100 lb	48.93	74.93	63.96	65.03	83.12	103.01	106.79	(NA)	(NA)
Lamb, choice	100 lb	(NA)	84.45	102.15	107.29	126.05	133.53	133.30	(NA)	(NA)
Shrimp, fresh processed	Lb	(NA)	2.69	3.63	3.40	3.61	[2]5.16	4.53	(NA)	(NA)
Salmon, No. 1, tall can	Case/48	(NA)	69.92	69.00	68.50	65.17	67.59	77.74	84.87	(NA)
Haddock, unprocessed	100 lb	(NA)	54.46	58.79	68.79	57.33	64.68	66.27	68.76	93.01
Textile products:										
Polyester/cotton yarns, 18's	Lb	(NA)	(NA)	1.40	1.40	1.39	1.41	1.74	1.80	1.70
Polyester twill, textured	Yd	(NA)	(NA)	1.78	1.42	1.46	1.39	1.40	(NA)	(NA)
Hides, leather, and shoes:										
Cattlehides, packer, heavy native [3]	Lb	.13	.23	.34	.37	.47	.73	.46	(NA)	(NA)
Lamb garment leather	Sq. ft	.39	.72	[2].76	.92	1.05	[2]1.40	1.18	(NA)	(NA)
Oxfords, Goodyear leather upper, sole	Pair	13.49	16.84	17.93	19.00	20.77	25.85	(NA)	(NA)	(NA)
Fuels, related products, power:										
Electric Power, E, No. Central	200,000 kWh.	(NA)	5,281	5,675	6,276	6,989	7,661	8,834	9,962	10,660
Gasoline, unleaded [4]	Gal	(NA)	(NA)	(NA)	(NA)	.47	.64	.93	1.12	1.04
Gasoline, regular [4]	Gal	(NA)	.35	.39	.42	.44	.60	.83	1.07	.98
Gasoline, premium [4]	Gal	(NA)	(NA)	.42	.45	.48	.65	.99	1.14	1.08
Distillate fuel oil, No. 2, to resellers	Gal	(NA)	.29	.31	.36	.37	.53	.78	1.00	.94
Chemicals and allied products:										
Aspirin	Lb	.56	1.00	1.08	1.14	1.20	1.28	1.43	1.65	(NA)
Paint, outside	Gal	[2]5.67	9.56	9.41	9.47	9.91	10.61	12.22	(NA)	(NA)
Paint, inside, latex	Gal	(NA)	6.57	6.82	7.19	7.61	7.88	8.99	(NA)	10.16
Rubber and rubber products:										
Natural rubber, No. 1 ribbed [5]	Lb	.21	.30	.40	.42	.50	.64	.73	.57	.47
Synthetic rubber, neoprene, GN type	Lb	.43	.64	.69	.70	.77	.82	.97	(NA)	(NA)
Lumber and wood products:										
Softwood plywood, interior	1,000 sq. ft.	(NA)	139	145	163	192	201	191	(NA)	(NA)
Redwood boards, clear, f.g. dry	M. bd. ft	(NA)	506	505	603	805	979	1,036	(NA)	(NA)
Maple, No. 1, common	M. bd. ft	(NA)	230	230	274	308	351	354	(NA)	(NA)
Southern pine, finish, C and better	M. bd. ft	(NA)	317	342	396	499	547	564	(NA)	(NA)
Pulp, paper, and allied products:										
Woodpulp, sulphate, bleached [6]	Ton	131	336	338	331	307	368	452	473	478
Book paper, No. 3 uncoated	100 lb	21.57	24.25	25.28	26.68	29.58	33.63	37.53	(NA)	(NA)
Liner, 100 lb. test	1,000 sq. ft.	2.55	4.32	4.39	4.29	4.31	4.94	5.81	(NA)	(NA)
Toilet tissue	Case	9.07	15.62	[1]16.86	18.20	19.52	21.78	25.00	(NA)	(NA)
Metal and metal products:										
Iron ore, Mesabi	Long ton	10.78	17.83	19.38	20.95	21.55	22.43	26.56	29.18	(NA)
Iron and steel scrap, No. 1 heavy melting [1]	Long ton	42.04	70.92	79.13	66.96	78.29	101.48	96.17	100.51	81.90
Steel rails, standard [8]	100 lb	6.80	12.72	14.17	15.17	16.90	18.80	21.35	23.70	(NA)
Domestic copper, cathode	Lb	(NA)	.64	.69	.66	(NA)	.91	(NA)	(NA)	(NA)
Red brass ingot	Lb	.56	.65	.70	.70	.73	.93	1.07	(NA)	(NA)
Aluminum sheet	Lb	(NA)	1.00	1.07	1.17	1.40	1.71	1.78	1.92	(NA)
Nails, wire, 8d, common	50 lb	(NA)	10.67	10.74	11.52	12.06	13.16	14.63	15.85	(NA)
Nonmetallic mineral products:										
Brick, building	1,000	(NA)	56.09	62.76	72.32	82.68	92.80	99.04	116.52	118.78
Glass, window, single B	50 sq. ft	6.60	8.93	9.02	9.76	10.84	(NA)	12.16	(NA)	(NA)
Shingles, asphalt roofing, strip	*Square*	(NA)	13.24	14.04	14.95	17.52	[2]19.20	22.66	20.88	19.98
Miscellaneous:										
Cigarettes, filter tip, king size [9]	1,000	5.86	7.75	8.45	9.42	10.43	11.44	12.93	14.20	15.90
Soybean meal	Ton	79.08	123.65	161.54	190.58	172.54	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] 10-month average. [2] 11-month average. [3] Steer. [4] Dealer tankwagon. [5] Smoked sheets. [6] Softwood. [7] Consumers' buying price, including brokerage, delivered, Pittsburgh district. [8] Standard, carbon steel, No. 1 open hearth, 115 lb. per linear yard, control cooled, f.o.b. mill. [9] Excludes excise tax.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 806. Average Prices (Unit Values)—Selected Commodities Exported and Imported: 1970 to 1982

[**In dollars per unit.** Includes trade of Puerto Rico with foreign countries. Unit values obtained by dividing annual values of domestic exports and imports by annual quantities. Values of goods exported represent those at port of export. For 1970, values of goods imported represent market values in country from which imported; transaction values f.a.s. (free alongside ship) at port of export through 1981; and customs value in 1982. Unit values may show actual price movements only roughly for commodities subject to considerable price variations among different grades, methods of packing, etc., and to year-to-year variations in proportions of grades, etc. Unit values of agricultural exports also include effects of Commodity Credit Corporation sales for export]

COMMODITY	Unit	1970	1975	1977	1978	1979	1980	1981	1982
EXPORTS									
Wheat	Bushel	1.58	4.54	3.09	3.46	4.29	4.85	4.86	4.46
Milled rice, less than 75% broken kernels	Lb	.079	.189	.140	.181	.180	.197	.240	.189
Corn	Bushel	1.45	3.36	2.58	2.64	2.99	3.41	3.68	2.91
Grain sorghums	Bushel	1.32	3.05	2.51	2.60	2.87	3.34	3.65	2.92
Wheat flour	100 lb	3.85	10.34	8.24	8.83	11.01	12.17	12.75	11.26
Leaf tobacco, flue-cured, unstemmed	Lb	.921	1.46	1.69	1.97	2.06	2.11	2.40	2.62
Cigarettes	1,000	5.45	7.38	9.20	10.08	11.40	12.87	14.88	16.78
Soybeans	Bushel	2.80	6.24	7.38	8.08	7.43	7.35	7.71	6.64
Synthetic rubber, "s" type [1]	Lb	.177	.283	.364	.377	.418	.402	.473	.457
Woodpulp, special alpha and dissolving grades	Sh. ton	187.40	296.97	397.74	402.44	448.78	511.57	534.96	518.93
Cotton, upland, staple 1" to 1 1/8"	Lb	.259	.542	.704	.298	.670	.706	.805	.637
Cotton, upland, staple, 1 1/8" and over	*Lb*	.308	.601	.757	.321	.754	.817	.872	.741
Bituminous coal	Sh. ton	13.40	49.23	48.64	50.32	51.37	40.37	52.67	56.39
Steel scrap, No. 1, heavy melting	Sh. ton	43.37	84.53	61.19	74.50	100.05	102.20	87.84	73.85
Tallow, inedible	Lb	.087	.162	.187	.202	.245	.218	.213	.195
Soybean oil, crude	Lb	.122	.332	.253	.266	.291	.269	.240	.216
Carbon steel sheets, cold rolled	*Lb*	.077	.175	.121	.160	.170	.184	.227	.245
Polyethylene resin	Lb	.134	.257	.271	.262	.368	.423	.401	.340
Styrene, polymer, and copolymer resins	Lb	.193	.343	.372	.452	.501	.576	.645	.662
Container board liners	Lb	.062	.126	.111	.112	.132	.156	.167	.144
Nylon yarn, incl. monofilaments	Lb	.953	1.15	1.18	1.33	1.43	1.41	1.57	1.54
Carbon black, furnace	Lb	.090	.167	.264	.294	.306	.331	.419	.524
Copper, refined, crude forms	Lb	.671	.654	.685	.637	.790	.974	.806	.680
Aluminum metal and alloys	Lb	.263	.361	.483	.531	.659	.807	.822	.751
IMPORTS									
Canned beef	Lb	.425	.724	.754	.768	1.11	1.44	1.45	1.15
Cashew nuts	Lb	.599	.846	1.37	1.34	1.46	2.02	2.30	1.61
Raw sugar	Lb	.070	.245	.092	.086	.101	.223	.212	.153
Coffee (Brazil)	Lb	.474	.679	1.92	1.81	1.55	1.87	1.56	1.25
Coffee (Colombia)	Lb	.535	.683	2.00	1.83	1.53	1.70	1.37	1.40
Cocoa (cacao beans, Africa)	Lb	.352	.670	.975	1.37	1.57	1.26	.854	.815
Tea (Sri Lanka)	Lb	.390	.582	1.06	.871	.841	.858	.814	.764
Whisky, containers of 1 gal. or less (U.K.)	Proof gal	7.48	8.22	8.31	10.18	11.17	13.58	16.25	16.78
Whisky, containers of 1 gal. or less (Canada)	Proof gal	6.70	7.60	8.14	8.68	8.71	9.99	11.89	12.94
Cigarette leaf, unstemmed	Lb	.568	1.03	1.20	1.19	1.24	1.27	1.24	1.43
Goat and kid skins, dry	*Lb*	1.06	1.26	1.22	2.56	2.83	5.10	2.51	2.26
Crude rubber, except milk	Lb	.189	.238	.360	.403	.529	.588	.512	.367
Sawed lumber, fir	Mil. bd. ft	71.13	137.64	194.93	218.29	253.50	255.12	195.40	170.18
Sawed lumber, spruce	Mil. bd. ft	73.98	132.55	178.27	206.27	222.58	192.25	187.26	163.15
Woodpulp, sulphite, bleached, exc. rayon and special chemical grades	Sh. ton	142.90	323.72	304.01	296.12	363.72	443.79	464.80	449.18
Woodpulp, sulphate, bleached	*Sh. ton*	143.68	353.41	332.81	287.60	346.41	431.74	419.30	377.23
Apparel wool, 60's and finer [2]	Lb	.879	1.59	1.56	1.68	1.80	1.70	1.93	1.78
Iron ore (Canada)	Ton	12.42	22.15	27.46	28.89	30.18	33.61	37.72	38.82
Iron ore (Venezuela)	Ton	8.33	15.64	19.27	17.65	19.21	22.48	27.76	33.64
Manganese ore, metallurgical grade [3]	Lb	.020	.050	.062	.059	.055	.069	.070	.086
Bauxite, crude	*Ton*	10.91	20.67	25.73	27.74	26.76	27.81	28.81	33.14
Copper ores and concentrates [3]	Lb	.617	.566	.586	.581	.800	.700	.728	.557
Crude petroleum [4] (Venezuela)	Bbl	2.30	11.66	13.04	12.81	17.18	27.64	33.54	33.84
Newsprint	Sh. ton	140.11	244.10	285.37	280.80	321.50	368.98	411.50	420.88
Jute burlap	Lb	.230	.294	.246	.288	.350	.379	.378	.482
Concrete reinforcement bars	Lb	.051	.092	.080	.093	.140	.150	.146	.123
Steel tubes and pipes, at least .065" thick, 3/8" diameter	Lb	.075	.208	.140	.138	.204	.233	.300	.306
Copper, refined (Chile) [3]	Lb	.630	.531	.579	.576	.848	.986	.786	.664
Nickel in pigs, ingots, shot, etc.	Lb	1.30	1.88	2.15	1.93	2.34	3.17	3.06	2.81
Tin bars, blocks, pigs, etc. (Malaysia)	Lb	1.66	3.35	4.37	5.52	6.65	7.75	6.67	5.89

[1] Excludes latex (liquid). [2] Clean content. [3] Metal content. [4] Testing 25° API or more.

Source: U.S. Bureau of the Census, *U.S. Exports, Schedule B Commodity, By Country,* Report FT 446, annual; and *U.S. Imports for Consumption and General Imports, TSUSA Commodity by Country,* Report FT 246, annual.

NO. 807. IMPORT PRICE INDEXES—SELECTED COMMODITIES: 1978 TO 1983

[Index values are given for the **June quarter** of each year. Indexes are weighted by the 1980 Tariff Schedule of the United States *Annotated, a scheme for describing and reporting* product composition and value of U.S. imports. Import prices are based on U.S. dollar prices paid by importer. Prices are f.o.b. (free on board) *foreign port or* c.i.f. (cost, insurance and freight) U.S. port transaction prices, as indicated]

COMMODITY	Unit	1978	1979	1980	1981	1982	1983
All commodities [1]	Sept. 1981=100	(NA)	(NA)	(NA)	(NA)	**99.2**	**95.7**
Food	Sept. 1977=100	90.8	100.8	104.4	97.8	91.5	97.9
Meat	June 1977=100	126.2	160.0	139.4	142.4	141.6	137.9
Fish	June 1977=100	101.8	121.8	124.4	134.8	135.8	133.9
Grain and grain preparations	Sept. 1977=100	106.0	118.0	131.1	138.1	137.4	131.0
Fruits and vegetables	*June* 1977=100	89.9	92.1	100.2	126.5	111.9	132.0
Sugar, sugar preparations and honey	March 1982=100	(NA)	(NA)	(NA)	(NA)	82.7	117.0
Coffee, tea, cocoa	June 1977=100	71.2	72.0	67.9	47.6	50.0	52.6
Beverages and tobacco	June 1977=100	109.9	121.0	136.3	147.7	153.0	153.6
Cork and wood	Sept. 1981=100	(NA)	(NA)	(NA)	(NA)	95.7	124.2
Crude petroleum	June 1977=100	101.1	135.2	244.0	267.6	253.8	217.7
Intermediate manufactured products	Dec. 1977=100	107.9	125.5	141.9	143.4	137.8	136.2
Leather and furskins	June 1977=100	109.0	145.9	141.6	139.2	135.8	133.2
Rubber manufactures	June 1977=100	106.8	118.8	138.3	147.1	148.7	142.6
Cork and wood manufactures	*June* 1977=100	109.2	126.0	130.1	134.9	126.9	134.3
Paper and paperboard	June 1977=100	106.2	115.2	132.6	141.8	149.9	142.6
Textile fabrics	June 1977=100	109.0	118.9	132.8	135.5	130.3	128.0
Iron and steel	Sept. 1978=100	(NA)	110.3	119.4	130.6	127.9	114.8
Non-ferrous metals	*Dec. 1981=100*	(NA)	(NA)	(NA)	(NA)	87.4	97.2
Metal manufactures, n.e.s.[2]	June 1977=100	108.9	118.8	123.9	127.7	125.1	119.3
Plumbing, heating and lighting fixtures	June 1980=100	(NA)	(NA)	100.0	101.8	104.6	107.3
Furniture and parts	June 1980=100	(NA)	(NA)	100.0	98.4	101.1	98.2
Clothing	Sept. 1977=100	103.0	112.2	118.4	125.3	128.5	125.1
Professional, scientific and controlling instruments and apparatus	Dec. 1979=100	(NA)	(NA)	104.6	105.4	104.7	99.4
Photographic apparatus and supplies, optical goods, watches and clocks	March 1980=100	(NA)	(NA)	101.6	102.0	95.7	91.5

NA Not available. [1] Excludes chemicals. [2] N.e.s.=not elsewhere specified.

Source: U.S. Bureau of Labor Statistics, *News*, quarterly.

NO. 808. EXPORT PRICE INDEXES—SELECTED COMMODITIES: 1978 TO 1983

[Index values are given for **June quarter** of each year. Indexes are weighted by 1980 export values according to the Schedule B classification system of the U.S. Bureau of the Census. Prices used in these indexes were collected from a sample of U.S. manufacturers of exports and are f.o.b. *(free on board) factory* transaction prices, except as noted]

COMMODITY	Unit	1978	1979	1980	1981	1982	1983
Grain and grain preparations	March 1980=100	(NA)	(NA)	93.9	110.9	93.4	103.5
Cork and wood	June 1977=100	110.9	142.5	155.5	136.5	134.4	127.3
Textile fibers	June 1977=100	90.6	99.9	112.9	125.2	106.1	111.3
Bituminous coal f.a.s.[1]	*June 1981=100*	(NA)	(NA)	(NA)	*100.0*	105.0	90.3
Hydrocarbons and derivatives f.a.s.[1]	Dec. 1978=100	(NA)	138.2	178.5	181.1	154.0	146.2
Intermediate manufactured products	Sept. 1981=100	(NA)	(NA)	(NA)	100.0	97.7	100.5
Leather and furskins	Sept. 1979=100	(NA)	(NA)	80.4	80.3	69.7	67.2
Rubber manufactures	June 1977=100	104.4	111.4	123.4	138.1	146.2	144.8
Paper and paperboard products	June 1978=100	100.0	112.2	130.4	141.7	139.5	135.8
Machinery and transport equipment [2]	Dec. 1978=100	(NA)	103.5	112.8	123.2	132.6	135.3
Power generating machinery and equipment	Dec. 1978=100	(NA)	104.3	118.6	135.4	149.0	152.5
Machinery specialized for particular industries	Sept. 1978=100	(NA)	106.2	119.8	134.4	145.9	148.9
Metalworking machinery	June 1978=100	100.0	109.2	120.8	134.1	146.1	148.4
General industrial machinery and parts	Sept. 1978=100	(NA)	106.1	117.3	131.3	142.6	145.0
Office machines and ADP equipment	June 1977=100	102.0	100.8	100.8	105.7	105.0	103.6
Telecommunications, sound recording and reproducing equipment	*June* 1977=100	103.5	108.8	117.8	121.4	128.2	131.6
Electric machinery and equipment	June 1977=100	91.1	94.6	100.3	103.0	108.6	108.5
Road vehicles and parts	March 1980=100	(NA)	(NA)	103.3	112.1	121.2	125.6
Professional, scientific and controlling instruments and apparatus	June 1977=100	106.6	116.9	128.0	144.9	160.7	169.8
Photographic apparatus, optical goods, watches and clocks	Dec. 1977=100	100.9	105.9	130.5	128.7	132.7	129.8

NA Not available. [1] f.a.s.=free alongside ship. [2] Excludes military and commercial aircraft.

Source: U.S. Bureau of Labor Statistics, *News*, quarterly.

No. 809. Consumer Price Indexes, by Major Groups: 1950 to 1983

[*1967 = 100. Annual averages of monthly figures, except as indicated. Prior to 1965, excludes Alaska and Hawaii. Beginning 1978, reflects buying patterns of all urban consumers in the 1970's. See text, p. 484 for details regarding other periods. See also Historical Statistics, Colonial Times to 1970,* series E 135-173]

YEAR	All items	Food	Rent, residential	Home ownership	Home purchase	Fuel oil and coal [1]	Gas and electricity	Apparel and upkeep	TRANSPORTATION		Medical care	All commodities	All services
									Private	Public			
1950	72.1	74.5	70.4	(NA)	(NA)	72.7	81.2	79.0	72.5	48.9	53.7	78.8	58.7
1951	77.8	82.8	73.2	(NA)	(NA)	76.5	81.5	86.1	75.8	54.0	56.3	85.9	61.8
1952	79.5	84.3	76.2	(NA)	(NA)	78.0	82.6	85.3	80.8	57.5	59.3	87.0	64.5
1953	80.1	83.0	80.3	75.0	86.5	81.5	84.2	84.6	82.4	61.3	61.4	86.7	67.3
1954	80.5	82.8	83.2	76.3	87.1	81.2	85.3	84.5	80.3	65.5	63.4	85.9	69.5
1955	80.2	81.6	84.3	77.0	87.3	82.3	87.5	84.1	78.9	67.4	64.8	85.1	70.9
1956	81.4	82.2	85.9	78.3	87.6	85.9	88.4	85.8	80.1	70.0	67.2	85.9	72.7
1957	84.3	84.9	87.5	81.7	90.0	90.3	89.3	87.3	84.7	72.7	69.9	88.6	75.6
1958	86.6	88.5	89.1	83.5	91.3	88.7	92.4	87.5	87.4	76.1	73.2	90.6	78.5
1959	87.3	87.1	90.4	84.4	91.3	89.8	94.7	88.2	91.1	78.3	76.4	90.7	80.8
1960	88.7	88.0	91.7	86.3	91.8	89.2	98.6	89.6	90.6	81.0	79.1	91.5	83.5
1961	89.6	89.1	92.9	86.9	92.3	91.0	99.4	90.4	91.3	84.6	81.4	92.0	85.2
1962	90.6	89.9	94.0	87.9	93.2	91.5	99.4	90.9	93.0	87.4	83.5	92.8	86.8
1963	91.7	91.2	95.0	89.0	94.2	93.2	99.4	91.9	93.4	88.5	85.6	93.6	88.5
1964	92.9	92.4	95.9	90.8	95.7	92.7	99.4	92.7	94.7	90.1	87.3	94.6	90.2
1965	94.5	94.4	96.9	92.7	97.0	94.6	99.4	93.7	96.3	91.9	89.5	95.7	92.2
1966	97.2	99.1	98.2	96.3	98.6	97.0	99.6	96.1	97.5	95.2	93.4	98.2	95.8
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	104.2	103.6	102.4	105.7	102.8	103.1	100.9	105.4	103.0	104.6	106.1	103.7	105.2
1969	109.8	108.9	105.7	116.0	109.5	105.6	102.8	111.5	106.5	112.7	113.4	108.4	112.5
1970	116.3	114.9	110.1	128.5	118.3	110.1	107.3	116.1	111.1	128.5	120.6	113.5	121.6
1971	121.3	118.4	115.2	133.7	124.8	117.5	114.7	119.8	116.6	137.7	128.4	117.4	128.4
1972	125.3	123.5	119.2	140.1	130.0	118.5	120.5	122.3	117.5	143.4	132.5	120.9	133.3
1973	133.1	141.4	124.3	146.7	132.7	136.0	126.4	126.8	121.5	144.8	137.7	129.9	139.1
1974	147.7	161.7	130.6	163.2	142.7	214.6	145.8	136.2	136.6	148.0	150.5	145.5	152.1
1975	161.2	175.4	137.3	181.7	160.3	235.3	169.6	142.3	149.8	158.6	168.6	158.4	166.6
1976	170.5	180.8	144.7	191.7	168.4	250.8	189.0	147.6	164.6	174.2	184.7	165.2	180.4
1977	181.5	192.2	153.5	204.9	179.5	283.4	213.4	154.2	176.6	182.4	202.4	174.7	194.3
1978	195.4	211.4	164.0	227.2	196.7	298.3	232.6	159.6	185.0	187.8	219.4	187.1	210.9
1979	217.4	234.5	176.0	262.4	223.1	403.1	257.8	166.6	212.3	200.3	239.7	208.4	234.2
1980	246.8	254.6	191.6	314.0	254.3	556.0	301.8	178.4	248.2	251.6	285.9	233.9	270.3
1981	272.4	274.6	208.2	352.7	267.7	675.9	345.9	186.9	277.5	312.0	294.5	253.6	305.7
1982	289.1	285.7	224.0	376.8	281.6	667.9	393.8	191.8	287.5	346.0	328.7	263.8	333.3
1983, May	297.1	292.4	235.1	377.9	303.9	621.0	429.1	196.1	291.7	359.2	354.3	270.9	342.6

NA Not available. [1] Includes bottled gas.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review* and *Handbook of Labor Statistics,* annual.

No. 810. Consumer Price Indexes—Annual Percent Change in Major Groups: 1970 to 1983

[See headnote, table 809. See also table 811 for base figures. Minus sign (−) indicates decrease]

ALL ITEMS	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983 [1]
All items	**5.9**	**4.3**	**3.3**	**6.2**	**11.0**	**9.1**	**5.8**	**6.5**	**7.7**	**11.3**	**13.5**	**10.4**	**6.1**	**3.5**
Food	5.5	3.1	4.3	14.5	14.4	8.5	3.1	6.3	10.0	10.9	8.6	7.9	4.0	2.4
Housing:														
Rent, residential	4.2	4.6	3.5	4.3	5.1	5.1	5.4	6.1	6.8	7.3	8.9	8.7	7.6	6.0
Home ownership	10.8	4.1	4.8	4.7	11.3	11.3	5.6	6.9	10.9	15.5	19.7	12.3	6.8	.1
Home purchase	8.0	5.5	4.2	2.1	7.5	12.3	5.1	6.6	9.6	13.4	14.0	5.3	5.2	8.8
Mortgage interest	10.1	−8.9	−2.4	4.9	13.8	1.4	−.8	−1.7	5.9	12.7	18.6	16.2	3.4	−16.7
Fuel oil and coal [2]	4.3	6.7	.9	14.8	57.8	9.7	6.6	13.0	5.3	35.1	37.9	21.6	−1.2	−3.7
Gas and electricity	4.4	6.9	5.1	4.9	15.3	16.3	11.4	12.9	9.0	10.8	17.1	14.6	13.8	10.3
Apparel and upkeep	4.1	3.2	2.1	3.7	7.4	4.5	3.7	4.5	3.5	4.4	7.1	4.8	2.6	2.4
Private transportation	*4.3*	*5.0*	*.8*	*3.4*	*12.4*	*9.7*	*9.9*	*7.3*	*4.8*	*14.8*	*17.4*	*11.4*	*3.6*	*3.6*
Automobiles, new	3.1	4.1	−.9	.1	5.8	8.6	6.3	5.3	7.6	7.9	8.0	6.1	3.8	2.0
Gasoline	.9	.7	1.2	9.8	35.4	6.8	4.2	5.8	4.3	35.3	39.0	11.3	−5.3	2.8
Auto insurance rates	13.7	11.4	−.4	−1.8	.1	5.6	28.8	12.0	2.9	5.6	8.2	4.7	6.4	10.9
Public transportation	14.0	7.2	4.1	1.0	2.2	7.2	9.8	4.7	3.0	6.7	25.6	24.0	10.9	5.0
Intercity bus fare	7.0	12.1	5.6	4.0	10.5	15.5	5.9	13.5	7.5	8.2	14.3	14.4	8.5	9.8
Medical care	6.4	6.5	3.2	3.9	9.3	12.0	9.5	9.6	8.4	9.3	10.9	10.8	11.6	9.4
Entertainment	5.1	5.3	2.9	2.8	7.5	8.9	5.0	4.9	5.3	6.7	8.9	7.8	6.5	4.4
Personal care	3.6	3.2	2.6	4.5	9.7	9.8	6.5	6.5	6.5	7.6	8.8	8.9	7.0	5.2
All services	8.1	5.6	3.8	4.4	9.3	9.5	8.3	7.7	8.5	11.0	15.4	13.1	9.0	3.3
All commodities	4.7	3.4	3.0	7.4	12.0	8.9	4.3	5.8	7.1	11.4	12.2	8.4	4.0	3.6

[1] Change from May 1982 to May 1983. [2] Includes bottled gas.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review.*

No. 811. Consumer Price Indexes for Selected Items and Groups: 1970 to 1983

[1967 = 100. Annual averages of monthly figures, except as indicated. See headnote, table 809]

COMMODITY	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, May
All items	116.3	147.7	161.2	170.5	181.5	195.4	217.4	246.8	272.4	289.1	297.1
Food and beverages	114.7	158.7	172.1	177.4	188.0	206.3	228.5	248.0	267.3	278.2	285.0
Food	114.9	161.7	175.4	180.8	192.2	211.4	234.5	254.6	274.6	285.7	292.4
Food at home	113.7	162.4	175.8	179.5	190.2	210.2	232.9	251.5	269.9	279.2	283.8
Cereals and bakery products	108.9	166.1	184.8	180.6	183.5	199.9	220.1	246.4	271.1	283.4	291.7
Meats, poultry, fish, eggs	117.3	163.7	176.4	178.9	177.5	204.3	234.2	242.2	252.8	262.1	263.8
Dairy products	111.8	151.9	156.6	169.3	173.9	185.6	207.1	227.4	243.6	247.0	250.3
Fruits and vegetables	113.4	165.8	171.0	175.4	191.6	212.9	230.0	246.7	276.3	291.4	298.2
Sugar and sweets	115.1	195.2	246.2	218.2	229.4	257.5	277.6	341.3	368.3	367.5	373.1
Fats and oils	105.8	179.4	198.6	173.7	191.4	209.6	226.3	241.2	267.1	259.6	258.3
Nonalcoholic beverages	117.4	155.6	178.9	214.0	322.4	340.8	357.8	395.8	412.6	424.2	431.1
Other prepared foods	109.4	144.3	163.0	169.4	175.4	189.4	208.5	231.1	254.9	268.1	277.2
Food away from home	119.9	159.4	174.3	186.1	200.3	216.4	242.9	267.0	291.0	306.5	318.6
Alcoholic beverages	112.3	131.8	142.1	146.8	150.9	159.8	172.4	186.3	199.5	208.5	216.6
Housing[1]	118.2	148.8	164.5	174.6	186.5	202.8	227.6	263.3	293.5	314.7	321.8
Shelter	123.6	154.4	169.7	179.0	191.1	210.4	239.7	281.7	314.7	337.0	342.7
Rent	110.1	130.6	137.3	144.7	153.5	164.0	176.0	191.6	208.2	224.0	235.1
Home purchase	118.3	142.7	160.3	168.4	179.5	196.7	223.1	254.3	287.7	281.6	303.9
Mortgage interest rates	132.1	140.2	142.1	140.9	138.5	146.7	165.4	196.1	227.9	235.7	200.1
Property taxes	121.0	151.2	158.8	167.6	182.3	192.1	182.6	189.7	202.7	220.1	232.0
Maintenance and repairs	124.0	171.6	187.6	199.6	214.7	233.0	256.4	285.7	314.4	334.1	344.0
Fuel and other utilities	107.6	150.2	167.8	182.7	202.2	216.0	239.3	278.6	319.2	350.8	369.3
Fuel oil, coal, and bottled gas	110.1	214.6	235.3	250.8	283.4	298.3	403.1	556.0	675.9	667.9	621.0
Fuel oil	109.3	213.0	230.6	247.2	280.2	296.9	416.8	579.7	709.2	693.9	629.6
Gas (piped) and electricity	107.3	145.8	169.6	189.0	213.4	232.6	257.8	301.8	345.9	393.8	429.1
Electricity	106.2	147.5	167.0	177.6	189.3	203.4	219.1	253.4	291.5	320.3	324.7
Household furnishings and operation[2]	111.5	135.3	151.0	160.1	167.5	177.7	190.3	205.4	221.3	233.2	238.4
Housefurnishings[1]	109.3	125.6	137.4	142.9	147.6	154.3	163.1	174.2	185.2	193.8	197.6
Apparel and upkeep[3]	116.1	136.2	142.3	147.6	154.2	159.6	166.6	178.4	186.9	191.8	196.1
Apparel commodities	116.5	136.1	141.2	145.8	151.6	155.7	161.1	171.1	177.7	181.0	184.2
Apparel commodities[4]	116.3	135.7	140.6	144.9	150.6	154.2	158.5	167.8	174.0	177.0	180.2
Men's and boys'	117.1	136.4	142.2	147.2	154.0	157.3	160.8	168.4	177.5	183.9	189.5
Women's and girls'	116.0	134.9	138.1	141.9	146.4	149.3	151.9	155.1	157.5	159.1	160.1
Footwear	117.7	138.1	144.2	149.9	156.9	163.8	176.7	190.3	200.4	205.5	208.0
Transportation	112.7	137.7	150.6	165.5	177.2	185.5	212.0	249.7	280.0	291.5	296.2
Private	111.1	136.6	149.8	164.6	176.6	185.0	212.3	249.2	277.5	287.5	291.7
Automobiles, new	107.6	117.5	127.6	135.7	142.9	153.8	166.0	179.3	190.2	197.6	201.6
Automobiles, used	104.3	122.6	146.4	167.9	182.8	186.5	201.0	208.1	256.9	296.4	317.1
Gasoline	105.6	159.9	170.8	177.9	188.2	196.3	265.6	369.1	410.9	389.3	380.9
Auto insurance rates	126.7	138.1	145.9	187.9	210.5	216.6	228.7	247.4	259.0	275.7	301.2
Public	128.5	148.0	158.6	174.2	182.4	187.8	200.3	251.6	312.0	346.0	359.2
Intracity mass transit	134.5	148.0	155.5	173.3	178.5	181.8	189.8	217.6	274.8	310.9	321.2
Intercity bus fare	118.4	161.0	186.0	196.9	223.5	240.2	260.0	297.1	339.6	368.6	401.7
Airline fares	118.5	145.9	159.0	172.2	182.0	190.6	205.8	284.8	358.4	395.0	411.2
Medical care	120.6	150.5	168.6	184.7	202.4	219.4	239.7	265.9	294.5	328.7	354.3
Prescription drugs	101.2	102.9	109.3	115.2	122.1	131.6	141.8	154.8	172.5	192.7	212.9
Physicians' services	121.4	150.9	169.4	188.5	206.0	223.1	243.6	269.3	299.0	327.1	349.4
Dental services	119.4	146.8	161.9	172.2	185.1	198.1	214.8	240.2	263.3	283.6	298.6
Hospital room	145.4	201.5	236.1	268.6	299.5	332.4	370.3	418.9	481.1	556.7	609.6
Entertainment	116.7	139.8	152.2	159.8	167.7	176.6	188.5	205.3	221.4	235.8	244.8
Entertainment commodities	113.5	137.1	152.1	160.4	168.8	177.7	189.3	208.2	225.2	239.0	246.3
Newspapers	119.4	155.4	174.5	182.1	192.2	200.4	213.7	238.2	262.6	283.5	301.6
Entertainment services	121.0	143.2	152.4	159.0	166.2	175.4	187.6	201.6	216.3	231.8	243.2
Other goods and services[1]	116.8	142.0	153.9	162.7	172.2	183.3	196.7	214.5	235.7	259.9	283.6
Tobacco products	121.2	143.8	153.9	160.5	168.2	177.3	187.9	202.6	218.9	243.5	285.3
Personal care	113.2	137.3	150.7	160.5	170.9	182.0	195.8	213.1	232.0	248.3	259.4
Toilet goods[5]	110.4	133.3	150.0	158.5	167.5	176.6	188.7	206.1	227.2	246.1	258.6
Personal care services	116.0	141.5	151.4	162.5	174.4	187.3	202.7	219.9	237.0	251.2	261.1
Personal and educational expenses	118.2	151.3	162.4	173.1	184.1	198.0	213.8	236.2	265.8	301.0	325.6
All services	121.6	152.1	166.6	180.4	194.3	210.9	234.2	270.3	305.7	333.3	342.6
Services less rent	123.7	156.0	171.9	186.8	201.6	219.4	244.9	285.1	324.3	354.2	359.3
Household services[1]	126.4	165.1	183.6	197.2	212.4	234.7	267.2	319.1	368.8	402.4	399.8
Transportation services	123.1	141.9	152.7	174.3	188.4	197.4	212.8	242.6	271.6	294.4	301.2
Medical care services	124.2	159.1	179.1	197.1	216.7	235.4	258.3	287.4	318.2	356.0	383.5
Other services[1]	117.3	142.6	153.1	162.3	172.5	184.7	199.8	218.7	239.2	259.9	274.7
All commodities	113.5	145.5	158.4	165.2	174.7	187.1	208.4	233.9	253.6	263.8	270.9
Durable	111.8	130.6	145.5	154.3	163.2	173.9	191.1	210.4	227.1	241.1	249.5
Nondurable	114.0	151.0	163.2	169.2	178.9	192.0	215.9	245.0	266.3	273.6	279.3
All commodities less food	112.5	136.6	149.1	156.6	165.1	174.7	195.1	222.0	241.2	250.9	257.6
Nondurables less food	113.1	140.9	151.7	158.3	166.5	174.3	198.7	235.2	257.5	261.6	266.3
Nondurables less food, apparel	111.2	143.8	157.9	165.7	175.3	185.0	218.2	267.1	296.6	301.1	306.7

[1] *Household services less rent.* Index series underwent a change in definition effective with the 1978 revision; therefore, these data differ from those previously published. [2] Includes housekeeping supplies and services. [3] Includes apparel services. [4] Except footwear. [5] Includes personal care appliances.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review* and *Consumer Price Indexes, Detailed Report*, monthly.

No. 812. Annual Percent Changes in Consumer Prices, United States and OECD Countries: 1965 to 1982

[Covers member countries of Organisation for Economic Co-operation and Development (OECD). For consumer price indexes for OECD countries, see section 33]

COUNTRY	1965–1970, avg.	1970–1975, avg.	1975–1980, avg.	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
United States	4.2	6.7	8.9	5.9	6.2	11.0	9.1	5.8	6.5	7.7	11.3	13.5	10.4	6.1
OECD, total	4.2	8.5	9.6	5.6	7.8	13.4	11.3	8.7	8.9	8.0	9.8	12.9	10.6	8.0
OECD, Europe	4.0	9.6	11.3	5.1	8.6	13.3	13.2	11.0	11.3	9.3	10.6	14.2	12.3	10.5
Australia	3.1	10.2	10.6	3.9	9.5	15.1	15.1	13.5	12.3	7.9	9.1	10.2	9.7	11.2
Canada	3.8	7.3	8.7	3.3	7.6	10.8	10.8	7.5	8.0	9.0	9.1	10.1	12.5	10.8
Japan	5.5	11.5	6.5	7.7	11.7	24.5	11.8	9.3	8.1	3.8	3.6	8.0	4.9	2.7
New Zealand	1.9	10.2	14.8	6.5	8.2	11.1	14.7	16.9	14.3	12.0	13.8	17.1	15.4	16.1
Austria	3.3	7.3	5.3	4.4	7.6	9.5	8.4	7.3	5.5	3.6	3.7	6.4	6.8	5.4
Belgium	3.5	8.4	6.4	3.9	7.0	12.7	12.8	9.2	7.1	4.5	4.5	6.6	7.6	8.7
Denmark	6.4	9.3	10.4	5.8	9.3	15.3	9.6	9.0	11.1	10.0	9.6	12.3	11.7	10.1
Finland	4.7	11.7	10.7	2.8	10.7	16.9	17.9	14.4	12.2	7.8	7.5	11.6	12.0	9.3
France	4.3	8.8	10.4	5.2	7.3	13.7	11.8	9.6	9.4	9.1	10.8	13.6	13.4	11.6
Germany, Fed. Rep. of	*2.6*	*6.1*	*4.1*	*3.4*	*6.9*	*7.0*	*6.0*	*4.5*	*3.7*	*2.7*	*4.1*	*5.5*	*5.9*	*5.3*
Greece	2.5	12.3	16.3	3.2	15.5	26.9	13.4	13.3	12.1	12.6	19.0	24.9	24.5	21.0
Ireland	5.3	13.3	14.1	8.2	11.4	17.0	20.9	18.0	13.6	7.6	13.3	18.2	20.4	17.1
Italy	3.0	11.3	16.6	5.0	10.8	19.1	17.0	16.8	18.4	12.1	14.8	21.2	19.5	16.6
Luxembourg	3.0	7.2	6.1	4.6	6.1	9.5	10.7	9.8	6.7	3.1	4.5	6.3	8.1	9.4
Netherlands	4.8	8.6	6.0	3.6	8.0	9.6	10.2	8.8	6.4	4.1	4.2	6.5	6.7	6.0
Norway	4.9	8.4	8.4	10.6	7.5	9.4	11.7	9.1	9.1	8.1	4.8	10.9	13.6	11.3
Portugal [1]	5.5	15.4	21.8	6.3	11.5	29.2	20.4	19.3	27.2	22.5	23.9	16.6	20.0	22.4
Spain	5.1	12.1	18.6	5.7	11.4	15.7	16.9	17.7	*24.5*	19.8	15.7	15.5	14.6	14.4
Sweden	4.5	8.0	10.5	7.0	6.7	9.9	9.8	10.3	11.4	10.0	7.2	13.7	12.1	8.6
Switzerland	3.5	7.7	2.3	3.6	8.7	9.8	6.7	1.7	1.3	1.1	3.6	4.0	6.5	5.6
Turkey [1]	8.1	18.6	50.1	7.9	14.0	23.9	21.2	17.4	26.0	61.9	63.5	94.3	37.6	32.7
United Kingdom	4.6	13.0	14.4	6.4	9.2	16.0	24.2	16.5	15.8	8.3	13.4	18.0	11.9	8.6

[1] Excludes rent.

Source: Organisation for Economic Co-operation and Development, Paris, France, *Main Economic Indicators*, monthly.

No. 813. Consumer Price Indexes for All Urban Consumers—U.S. Regions: 1970 to 1982

[**December 1977 = 100.** For composition of regions, see fig. I, inside front cover]

REGION	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
All items:												
Northeast	63.0	68.9	73.3	81.4	87.9	92.9	98.1	104.3	114.7	129.4	143.3	150.8
North Central	63.2	67.5	71.5	79.3	86.2	91.2	97.4	105.3	118.2	134.0	146.6	157.0
South	61.5	66.0	70.3	78.8	86.5	91.3	97.4	105.4	117.4	132.9	147.2	156.6
West	61.7	65.9	69.7	77.1	85.1	90.2	96.9	105.1	117.3	134.6	148.5	157.5
Food:												
Northeast	59.0	63.8	72.5	83.1	89.8	92.8	98.0	107.2	118.0	128.6	138.9	144.8
North Central	58.7	62.8	72.2	82.8	88.6	92.0	97.9	108.0	119.8	130.0	139.4	144.1
South	57.9	62.1	71.8	80.9	89.8	92.0	98.0	107.9	120.1	130.4	140.7	146.1
West	58.2	62.5	71.0	81.1	88.3	90.2	97.1	108.0	120.2	130.2	141.0	147.7
Housing:												
Northeast	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.3	115.2	132.3	148.7	156.9
North Central	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	106.1	121.1	140.0	153.5	168.4
South	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	106.0	119.0	136.8	153.2	165.1
West	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.1	117.8	136.5	154.1	163.7
Population-size class:												
Less than 75,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.9	116.6	131.3	144.8	156.0
75,000 to 384,999	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.4	117.8	133.1	146.4	155.7
385,000 to 1,249,999	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.2	117.8	134.0	148.6	156.9
1,250,000 to 4,000,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.1	117.2	133.5	147.8	157.4
Over 4,000,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.5	115.4	131.1	143.8	152.1
ANNUAL PERCENT CHANGE												
All items:												
Northeast	[1] 6.6	[2] 4.6	6.4	11.1	8.0	5.7	5.6	6.3	10.0	12.7	10.7	5.2
North Central	[1] 5.7	[2] 3.3	5.9	10.9	8.7	5.8	6.8	8.1	12.3	13.3	9.4	7.1
South	[1] 5.3	[2] 3.6	6.5	12.1	9.8	5.5	6.7	8.2	11.4	13.3	10.8	6.4
West	[1] 5.1	[2] 3.3	5.8	10.6	10.4	6.0	7.4	8.5	11.6	14.8	10.3	6.1

NA Not available. [1] Change from 1969. [2] Change from 1970.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review* and in *Consumer Price Indexes.*

No. 814. Consumer Price Indexes—Selected Cities or SMSA's: 1965 to 1982

[1967=100, except as noted. Annual averages of monthly figures. For coverage details, see headnote, table 809, and text, p. 484. Area is generally the standard metropolitan statistical area (SMSA), *exclusive of farms*. Los Angeles-Long Beach, Anaheim, Calif. is a combination of two SMSA's, and New York, N.Y.-Northeastern N.J. and Chicago, Ill.-Northwestern Ind. are the more extensive standard consolidated areas. Area definitions are those established by the Office of Management and Budget in 1973, except for Denver-Boulder, Colo. which does not include Douglas County. Definitions do not include revisions made since 1973]

CITY/SMSA	ALL ITEMS									
	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
City average [1] [2]	**94.5**	**116.3**	**133.1**	**147.7**	**161.2**	**170.5**	**181.5**	**195.4**	**217.4**	**246.8**
Anchorage, Alaska [3]	(NA)	(NA)	120.8	133.9	152.3	164.1	175.0	187.5	207.0	228.2
Atlanta, Ga	94.0	116.5	133.7	148.5	161.7	169.2	179.6	192.6	212.7	242.3
Baltimore, Md	94.4	117.0	134.9	152.4	165.2	173.9	185.9	199.6	218.2	250.3
Boston, Mass	94.5	116.7	134.7	148.7	162.1	174.5	183.4	193.1	212.9	240.0
Buffalo, N.Y	94.2	116.1	134.8	149.5	161.8	170.6	181.7	193.0	211.3	235.6
Chicago, Ill.-Northwestern Ind	94.7	116.3	132.0	146.1	157.6	165.1	175.6	190.7	214.6	245.5
Cincinnati, Ohio-Ky.-Ind	94.4	115.7	132.1	146.3	160.3	170.1	182.2	198.1	223.8	254.0
Cleveland, Ohio	94.7	119.3	134.1	147.8	160.9	169.0	180.5	193.9	219.5	252.9
Dallas-Fort Worth, Tex	93.8	117.8	132.0	145.3	158.2	167.7	180.2	194.0	218.6	255.6
Denver-Boulder, Colo	(NA)	(NA)	131.9	146.5	161.3	170.3	184.7	202.1	233.5	261.5
Detroit, Mich	92.6	117.4	134.5	149.0	160.1	168.8	180.4	194.1	218.8	253.5
Honolulu, Hawaii	94.6	114.2	128.3	141.9	155.0	162.8	171.0	184.1	204.6	228.5
Houston, Tex	94.8	116.8	132.3	147.8	164.9	177.3	190.2	208.2	235.7	265.4
Kansas City, Mo.-Kans	95.5	115.8	130.3	144.2	157.9	166.5	178.3	191.8	219.2	248.1
Los Angeles-Long Beach-Anaheim, Calif	95.7	114.3	129.2	142.5	157.6	168.0	179.6	192.8	213.7	247.3
Miami, Fla	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.5	114.8	130.8
Milwaukee, Wis	95.8	115.8	131.5	144.1	157.0	167.1	177.9	192.3	218.8	251.5
Minneapolis-St. Paul, Minn.-Wis	94.5	117.5	133.0	148.3	160.9	170.9	183.0	199.7	222.6	247.8
New York, N.Y.-Northeast, N.J	94.3	119.0	139.7	154.8	166.6	176.3	185.5	196.1	213.1	237.2
Northeast, Pa	94.1	116.3	134.7	151.1	164.7	170.9	179.9	191.9	210.7	237.1
Philadelphia, Pa.-N.J	94.7	117.8	135.5	151.6	164.2	172.4	183.5	194.3	213.6	241.4
Pittsburgh, Pa	95.8	116.4	132.9	147.3	160.0	168.3	179.8	195.5	217.3	247.2
Portland, Oreg.-Wash	94.6	113.2	127.3	142.8	156.5	167.0	180.2	198.4	225.4	255.4
St. Louis, Mo.-Ill	94.1	115.2	129.3	142.2	156.1	165.1	176.6	191.5	215.8	244.9
San Diego, Calif	95.2	115.3	132.5	147.2	160.8	170.7	182.0	200.1	233.1	268.5
San Francisco-Oakland, Calif	94.7	115.8	131.5	144.4	159.1	168.0	180.8	197.8	214.6	247.3
Seattle-Everett, Wash	94.5	114.0	127.5	141.5	155.8	164.5	177.6	194.8	216.3	252.1
Washington, D.C.-Md.-Va	94.1	117.6	135.0	150.0	161.6	171.1	183.0	197.0	218.6	244.7

CITY/SMSA	1981, all items	1982							
		All items	Food and beverages	Housing	Fuel and other utilities	Apparel and upkeep	Transportation	Medical care	Entertainment
City average [1] [2]	**272.4**	**289.1**	**278.2**	**314.7**	**350.8**	**191.8**	**291.5**	**328.7**	**335.8**
Anchorage, Alaska [3]	246.5	260.1	283.8	259.1	224.5	191.8	264.6	341.8	244.4
Atlanta, Ga	272.0	289.5	282.5	318.4	311.5	187.4	276.7	326.4	201.3
Baltimore, Md	273.6	285.8	273.7	316.3	337.0	206.8	280.2	315.3	226.7
Boston, Mass	266.7	277.7	258.4	290.2	386.8	209.5	320.8	307.7	240.4
Buffalo, N.Y	257.6	267.2	272.0	274.8	454.1	215.6	272.7	266.0	234.1
Chicago, Ill.-Northwestern, Ind	269.0	287.4	271.8	313.0	309.2	161.3	293.2	329.4	256.2
Cincinnati, Ohio-Ky.-Ind	272.1	293.5	292.3	313.3	378.5	217.1	271.4	350.6	219.1
Cleveland, Ohio	279.3	301.2	278.8	326.6	362.2	193.9	285.7	363.5	230.4
Dallas-Fort Worth, Tex	284.9	301.3	284.6	336.0	335.4	199.8	292.7	325.0	232.0
Denver-Boulder, Colo	290.8	317.0	258.5	386.8	335.6	188.8	290.0	307.2	258.6
Detroit, Mich	277.1	288.3	270.2	314.2	366.9	162.2	291.8	346.4	212.2
Honolulu, Hawaii	252.4	267.6	288.3	255.0	352.3	201.5	255.6	324.3	246.7
Houston, Tex	291.9	312.2	305.0	353.9	427.6	233.0	271.0	364.6	240.1
Kansas City, Mo.-Kans	268.6	282.0	276.0	298.8	344.3	202.1	281.2	335.2	221.0
Los Angeles-Long Beach-Anaheim, Calif	271.4	287.6	271.8	313.2	289.7	170.3	301.7	356.7	208.8
Miami, Fla. [4]	145.8	155.8	148.7	161.4	145.8	131.3	163.6	162.1	126.4
Milwaukee, Wis	280.1	296.3	272.3	324.2	389.0	211.4	299.5	325.4	245.2
Minneapolis-St. Paul, Minn.-Wis	278.3	306.2	280.5	360.0	357.7	187.9	274.0	295.6	263.2
New York, N.Y.-Northeast, N.J	260.5	275.6	280.6	285.0	383.2	178.7	307.8	323.3	241.9
Northeast, Pa	264.1	273.8	264.9	291.1	447.8	186.3	280.5	352.9	247.1
Philadelphia, Pa.-N.J	266.0	279.0	284.5	292.1	367.6	178.6	294.4	343.1	224.1
Pittsburgh, Pa	272.5	288.0	280.8	312.0	313.6	190.8	305.8	333.6	233.9
Portland, Oreg.-Wash	278.2	287.0	276.8	304.6	365.2	187.2	286.7	337.6	218.4
St. Louis, Mo.-Ill	267.5	286.9	276.6	314.5	305.0	186.3	277.3	314.4	229.7
San Diego, Calif	304.6	325.3	279.3	395.0	308.8	195.2	287.0	310.3	229.8
San Francisco-Oakland, Calif	279.0	300.0	277.1	335.4	367.6	201.4	295.9	325.6	235.8
Seattle-Everett, Wash	279.7	297.8	274.2	334.6	331.9	190.8	277.6	321.3	233.3
Washington, D.C.-Md.-Va	267.3	281.9	287.7	293.5	319.9	194.5	284.1	335.4	215.2

NA Not available. [1] Based on 50 urban areas for 1965, 56 areas beginning 1970, and 85 areas beginning 1978. Includes medium and small sized cities, not shown separately. [2] Excludes Portland, Oreg., until 1978. For 1965, excludes Cincinnati, Ohio-Ky.; Houston, Tex.; Kansas City, Mo.-Kans.; Milwaukee, Wis.; Minneapolis-St. Paul, Minn.; and San Diego, Calif. [3] October 1967=100. [4] November 1977=100.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, and in *Consumer Price Indexes, Detailed Report*, monthly.

No. 815. Selected Mineral Products—Average Prices: 1970 to 1982

[Represents average price except as noted. Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1970*, series M96, 139, 148, 209, 248, and 262]

MINERAL	Unit	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Aluminum [1]	Cents/lb	28.7	26.3	25.3	34.1	39.8	44.5	51.6	54.0	61.0	71.6	76.0	76.0
Bituminous coal [2]	Dol./sh.ton	6	8	9	16	19	19	20	22	24	25	26	27
Cobalt: Low	Dol./lb	2.20	2.45	3.00	3.46	3.98	4.44	5.58	6.40	20.00	25.00	17.26	12.50
High	Dol./lb								20.00	25.00		25.00	17.26
Copper, electrolythic	Cents/lb	58.2	51.2	59.5	77.3	64.2	69.6	66.8	66.5	93.3	102.4	85.1	74.0
Gold	Dol/fine oz	36	59	98	160	161	125	148	194	308	613	460	397
Iron ore, pellets [4]	Cents/lg.ton	26.6	28.0	29.4	40.6	47.2	53.1	55.5	60.9	67.8	73.7	80.5	86.9
Lead (N.Y.)	Cents/lb	15.6	15.0	16.3	22.5	21.5	23.1	30.7	33.7	52.6	42.5	36.5	26.0
Natural gas [5]	Dol./1,000 cu.ft	.17	.19	.22	.30	.45	.58	.79	.91	1.18	1.60	1.98	2.42
Nickel [6]	Dol./lb	1.33	1.53	1.53	2.01	2.20	2.20	2.41	2.10	1.93	3.20	3.45	3.20
Petroleum, crude [2]	Dol./bbl	3.18	3.39	3.89	6.87	7.67	8.19	8.57	9.00	12.64	21.59	31.77	28.54
Platinum [7]	Dol./troy oz	133	121	150	161	164	162	162	237	352	439	475	475
Silver	Dol./fine oz	1.77	1.69	2.56	4.71	4.42	4.35	4.62	5.40	11.09	20.63	10.52	8.00
Tungsten concentrate [8]	Dol./lb	2.55	2.56	2.71	4.77	5.30	6.35	9.15	8.22	8.40	8.38	7.96	6.35
Zinc [9]	Cents/lb	15.3	17.8	20.7	36.0	39.0	37.1	34.4	31.0	37.3	37.4	44.6	38.5

[1] 99.5 percent primary aluminum ingot. [2] Avg. value at point of production; includes Alaska. Source: U.S. Energy Information Administration, *Annual Energy Review* and *Monthly Energy Review*. [3] Weighted average based on the market price quoted by a major U.S. cobalt dealer, otherwise based on range of prices. [4] Lower Great Lakes Ports. Prices as of end of year per long ton *unit of contained iron, natural, delivered by rail or vessel. Lake Superior ore.* [5] *Average value of marketed production.* [6] Peak price quoted U.S. buyers by International Nickel Co., Inc., for electrolytic nickel, includes U.S. duty f.o.b. Port Colborne, Ontario. [7] Producer prices. [8] Avg. value of shipments. [9] 1970, prime western; thereafter delivered price.

Source: 1970–1974 compiled from *Metals Week* (copyright); *Producer Prices and Price Indexes* (U.S. Bureau of Labor Statistics), *Minerals Yearbook* and *Mineral Commodity Summaries* (U.S. Bureau of Mines); thereafter, except as noted, *Minerals Yearbook*.

No. 816. Commodity Research Bureau Futures Price Index: 1972 to 1983

[1967=100. Index computed daily, Represents unweighted geometric average of commodity futures prices (through 12 months forward) of 27 major commodity futures markets. Represents closing price]

ITEM	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
All commodities	**135.9**	**200.6**	**203.5**	**191.0**	**204.7**	**200.3**	**227.6**	**281.5**	**308.5**	**254.9**	**234.0**	**249.1**
Imported	185.4	238.4	274.1	259.4	348.1	334.6	345.0	425.3	426.0	357.0	269.0	322.4
Industrial	122.8	170.7	132.1	154.8	173.6	175.0	222.1	354.8	324.6	249.2	249.9	277.6
Grains	137.5	228.9	240.2	195.6	192.5	179.0	187.8	251.9	312.1	251.3	215.1	226.7
Oilseeds	127.8	240.9	289.2	181.6	229.7	208.6	240.6	258.1	314.6	271.0	236.9	249.0
Livestock; meats	138.5	183.7	175.2	180.8	162.5	166.9	198.4	195.0	217.4	195.3	219.9	205.7
Metals	(NA)	(NA)	(NA)	141.0	149.5	163.8	230.4	554.1	409.2	269.3	288.6	338.8

NA Not available.

Source: Commodity Research Bureau, Inc. (CRB), Jersey City, N.J., *CRB Commodity Index Report*, weekly. (Copyright.)

No. 817. Food Prices—Distribution of Retail Price According to Farm Value and Marketing Function: 1980 to 1982

[**In cents per retail unit indicated.** The farm value is the payment to farmers for the quantity of farm products equivalent to the unit sold at retail minus imputed value of byproducts. Because of losses from processing, waste, and spoilage, the farm value represents larger quantities than the retail unit]

FOOD ITEM	Unit	1980		1981		1982							
		Farm value	Retail price	Farm value	Retail price	Farm value	Assembly and procurement	Processing or packing	Intercity transportation	Wholesaling	Retailing	Retail price
Beef, choice	Lb	145.0	237.6	138.5	238.7	140.5	(1)	6.8	3.8	[2] 26.2	65.6	242.5
Pork	Lb	63.2	139.5	70.3	152.4	88.0	(1)	30.3	3.5	11.0	42.6	175.4
Broilers	Lb	38.8	72.0	37.6	73.7	35.9	1.6	10.4	1.7	4.3	17.7	71.6
Eggs, grade A	Doz	51.0	84.4	56.1	90.6	53.1	1.2	12.2	1.9	4.1	16.0	88.5
Milk, sold in stores	½ gal	55.8	104.9	59.3	111.7	58.6	4.3	14.6	(3)	17.5	17.4	112.4
Bread, white	Lb	[4] 5.3	50.9	[4] 5.5	52.5	[4] 5.0	(NA)	(NA)	(NA)	(NA)	(NA)	53.2
Potatoes, russet	*10 lb*	[5] 54.9	209.9	[5] 67.0	303.0	[5] 56.5	(1)	31.0	47.8	21.3	73.4	230.0
Oranges, Calif	Lb	7.4	36.6	8.3	39.4	14.6	.5	5.3	6.2	3.5	17.1	47.2
Lettuce, Calif	Lb	[6] 4.4	45.8	[6] 4.3	47.3	[6] 5.4	.4	14.4	9.1	3.5	23.3	56.1
Orange juice, frozen	12 oz	35.7	87.4	39.9	101.8	45.7	1.7	21.7	5.0	10.3	21.9	106.3
Tomatoes, Calif. [7]	Lb	4.5	42.2	4.7	49.9	5.2	1.0	35.1	5.5	1.7	6.4	54.9

NA Not available. [1] Included in farm value. [2] *Includes breaking the carcass into principal parts such as loin and chuck.* [3] Included in wholesaling. [4] Includes value for wheat, lard, soybean oil, high fructose corn syrup, and soy-whey blend. [5] Includes some potatoes for processing. [6] Value in the field. Harvesting and packing, a contract operation, appears as assembly cost. [7] Whole tomatoes.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Developments in Farm to Retail Price Spreads for Food Products in 1982*, AER No. 500, May 1983.

NO. 818. RETAIL CONSUMER PRICE INDEXES OF FOOD—SELECTED AREAS: 1970 TO 1983

[1967 = 100. See headnote, table 814 and text, p. 484 regarding SMSA's]

CITY/SMSA	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, May
Total food [1]	**114.9**	**175.4**	**180.8**	**192.2**	**211.4**	**234.5**	**254.6**	**274.6**	**285.7**	**292.4**
Anchorage, Alaska	(NA)	167.6	174.2	185.8	204.1	227.2	242.2	253.6	260.4	266.6
Atlanta, Ga	114.8	181.8	185.8	196.4	215.5	238.2	257.3	279.8	291.6	[2] 300.9
Baltimore, Md	117.4	178.2	184.3	195.9	215.2	235.8	254.9	272.4	279.0	289.8
Boston, Mass	114.9	175.2	183.1	190.9	206.7	229.0	245.3	259.7	265.4	269.9
Buffalo, N.Y	116.2	173.6	178.6	189.2	206.1	226.8	246.1	267.6	276.5	[2] 282.8
Chicago, Ill.-Northwestern Ind	115.4	175.1	180.1	191.0	213.5	236.8	258.2	273.1	279.5	281.6
Cincinnati, Ohio-Ky	114.9	177.4	184.0	197.8	219.1	244.4	265.3	286.8	299.5	307.9
Cleveland, Ohio	117.5	175.8	185.9	196.1	213.6	236.3	254.2	276.3	285.9	[2] 294.9
Dallas, Tex	114.8	172.5	176.9	191.3	209.4	235.8	257.7	278.3	289.2	[2] 298.8
Denver-Boulder, Colo	(NA)	171.4	175.8	190.8	208.0	230.1	238.0	258.0	265.5	276.2
Detroit, Mich	115.2	171.6	175.6	186.4	205.5	226.5	245.2	264.2	274.3	276.4
Honolulu, Hawaii	114.1	176.7	183.0	193.0	212.8	239.8	259.9	285.8	298.8	307.1
Houston, Tex	115.5	181.2	187.6	198.8	218.7	248.3	270.6	296.6	311.1	319.1
Kansas City, Mo.-Kans	116.1	177.8	180.8	193.0	215.4	239.2	259.8	275.3	282.4	285.6
Los Angeles-Long Beach, Calif	112.2	170.1	173.5	185.8	206.7	229.5	248.7	268.7	281.9	294.0
Miami, Fla. [3]	(NA)	(NA)	(NA)	(NA)	107.4	121.3	130.6	140.9	149.4	152.8
Milwaukee, Wis	113.1	171.9	180.0	189.9	210.5	234.9	250.7	273.5	283.5	286.2
Minneapolis-St. Paul, Minn	116.5	178.9	186.6	196.7	217.3	244.4	264.8	280.4	291.6	[2] 300.1
New York, N.Y.-Northeast, N.J	117.9	179.6	185.4	195.4	212.8	232.6	253.9	276.9	290.8	294.7
Northeast, Pennsylvania	115.7	172.9	178.4	189.5	207.2	228.1	248.1	264.5	273.7	278.4
Philadelphia, Pa.-N.J	115.8	179.6	186.2	198.4	218.2	239.7	259.1	278.7	294.1	300.6
Pittsburgh, Pa	115.6	177.4	181.1	193.6	212.6	233.5	254.5	274.1	285.9	[2] 294.9
Portland, Oreg	110.9	168.4	177.3	188.8	207.7	233.6	250.3	269.9	284.2	291.2
St. Louis, Mo.-Ill	115.4	174.3	180.5	192.8	210.4	234.7	252.3	270.9	281.2	288.9
San Diego, Calif	113.6	173.7	179.2	190.5	212.2	236.0	257.8	276.6	291.1	309.3
San Francisco-Oakland, Calif	112.5	171.2	173.9	187.4	207.4	233.1	250.4	268.5	286.2	[2] 295.0
Seattle, Wash	113.5	169.6	175.0	187.9	204.1	225.4	243.2	263.7	283.4	295.0
Washington, D.C.-Md.-Va	117.3	180.7	186.5	199.7	219.8	245.7	264.1	277.7	291.4	302.3

NA Not available. [1] 1970 to 1977 based on 56 areas; beginning 1978, 85 areas. Excludes Portland, Oregon through 1978. [2] April data. [3] November 1977 = 100.

Source: U.S. Bureau of Labor Statistics, *Consumer Price Index, Detailed Report*, monthly.

NO. 819. WEEKLY FOOD COST FOR FAMILIES, BY TYPE OF FAMILY: 1975 TO 1983

[**In dollars.** Based on moderate-cost food plan; assumes all meals are eaten at home or taken from home]

URBAN FAMILY TYPE	1975, Dec.	1976, Dec.	1977, Dec.	1978, Dec.	1979, Dec.	1980, Dec.	1981, Dec.	1982		1983	
								May	Dec.	March	May
Couple, 20-54 years old	37.10	36.60	39.70	43.20	47.50	52.00	53.40	55.30	54.60	55.50	56.10
Couple, 55 years and over	32.40	32.10	35.00	37.90	41.80	45.90	47.10	48.90	48.10	49.20	49.70
Couple with children:											
1 child, 1-5 years old	44.90	44.40	47.80	52.10	57.30	62.90	64.70	67.00	66.00	67.30	67.90
1 child, 15-19 years old	53.50	52.80	56.70	62.00	68.00	74.80	76.80	79.60	78.50	80.00	80.80
2 children, 1-5 years old	51.80	51.30	54.90	60.00	65.90	72.60	74.70	77.30	76.20	77.60	78.40
2 children, 6-11 years old	63.00	62.10	66.60	72.70	79.90	88.10	90.70	93.80	92.60	94.30	95.40
2 children, 12-19 years old	67.20	66.30	71.00	77.60	85.20	93.80	96.50	100.00	98.60	100.40	101.50

Source: U.S. Dept. of Agriculture, Human Nutrition Information Service. Through June 1978, *Food and Home Notes*, weekly; thereafter, *News Feature*, weekly.

NO. 820. WEEKLY FOOD COST FOR FAMILIES, BY COST LEVEL AND REGION: 1983

[**In dollars.** As of **January.** Based on costs of food plans as estimated by using average price per pound of each food group paid by urban survey families at selected food cost levels in 1965-66. Prices adjusted to January 1983 level. For composition of regions, see fig. I, inside front cover]

REGION AND URBAN FAMILY TYPE	Low level	Moderate level	Liberal level	REGION AND URBAN FAMILY TYPE	Low level	Moderate level	Liberal level
Northeast:				**South:**			
Couple, 20-54 years old	46.00	59.10	71.30	Couple, 20-54 years old	43.20	53.90	64.30
Couple, 55 years and over	40.90	52.70	62.30	Couple, 55 years and over	38.20	47.10	56.10
4-person families:				*4-person families:*			
With preschool children [1]	64.50	82.20	99.20	With preschool children [1]	60.40	74.90	89.40
With school children [2]	78.00	100.10	120.70	With school children [2]	73.10	91.20	109.00
North Central:				**West:**			
Couple, 20-54 years old	*44.80*	*55.20*	*66.80*	Couple, 20-54 years old	45.30	56.80	68.20
Couple, 55 years and over	*40.00*	*48.80*	*58.90*	Couple, 55 years and over	40.50	49.90	60.00
4-person families:				4-person families:			
With preschool children [1]	63.10	77.50	93.50	With preschool children [1]	63.90	79.50	95.70
With school children [2]	76.50	94.30	113.90	With school children [2]	77.50	96.90	116.70

[1] Couple, 20-54 years; children, 1-2 and 3-5 years. [2] Couple, 20-54 years; children, 6-8 and 9-11 years.

Source: U.S. Dept. of Agriculture, Human Nutrition Information Service, *Family Economics Review*, 1983, No. 2.

NO. 821. CONSUMER PRICE INDEXES OF RESIDENTIAL RENTS IN SELECTED SMSA'S: 1970 TO 1983

[1967 = 100. Annual averages of monthly figures, except as indicated. See Appendix III]

SMSA [1]	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, May
Anchorage, Alaska (Oct. 1967 = 100)	(NA)	125.5	143.2	152.9	160.4	161.1	158.3	169.1	206.6	235.2
Atlanta, Ga.	109.9	129.0	131.2	135.3	140.0	152.3	168.2	188.4	199.9	[2] 212.5
Baltimore, Md	106.9	127.4	135.5	143.9	154.6	163.5	173.8	187.7	204.6	289.8
Boston, Mass	115.4	149.6	156.7	166.2	174.2	183.0	198.8	222.5	245.5	258.5
Buffalo, N.Y	109.3	140.8	149.3	156.8	162.7	169.2	177.2	185.2	195.6	[2] 203.7
Chicago, Ill.-Northwestern Ind	107.6	132.8	137.7	142.7	150.6	160.6	172.2	185.0	199.2	208.4
Cincinnati, Ohio-Ky	105.7	120.1	124.0	133.4	142.9	155.2	169.1	183.5	191.8	200.1
Cleveland, Ohio	107.5	123.7	130.8	139.8	149.7	158.9	170.9	179.7	190.5	[2] 198.7
Dallas, Tex	110.1	122.1	129.2	140.3	155.5	172.6	191.2	211.1	228.6	[2] 247.8
Denver-Boulder, Colo	(NA)	130.3	133.5	139.7	152.3	168.8	186.8	204.9	228.5	241.2
Detroit, Mich	111.5	135.9	141.5	150.8	162.6	176.5	194.1	206.1	214.3	218.3
Honolulu, Hawaii	118.1	150.4	156.8	163.5	174.1	187.3	206.1	224.8	240.7	[2] 250.3
Houston, Tex	106.9	125.3	140.1	155.8	163.0	172.1	182.8	198.8	223.6	[2] 225.3
Kansas City, Mo.-Kans	106.3	119.2	124.0	131.3	139.6	149.2	160.3	174.0	187.2	[2] 195.2
Los Angeles-Long Beach-Anaheim, Calif	111.9	134.8	144.3	157.2	171.7	188.5	211.3	235.2	257.9	272.6
Milwaukee, Wis	109.8	136.9	144.1	152.5	159.6	168.7	179.6	192.7	208.8	219.2
Minneapolis-St. Paul, Minn	114.2	132.8	141.5	150.6	160.5	175.8	195.2	214.3	231.1	[2] 241.8
New York, N.Y.-Northeast N.J	110.9	153.7	162.5	171.4	180.1	188.7	202.5	217.6	232.6	246.0
Northeast, Pennsylvania	113.1	155.9	166.3	178.2	186.2	207.2	220.7	229.3	236.1	254.1
Philadelphia, Pa.-N.J	112.5	146.4	155.7	166.1	174.4	182.4	194.5	210.2	229.6	244.6
Pittsburgh, Pa	109.0	129.0	137.0	149.2	162.7	173.9	185.3	198.5	211.6	[2] 221.2
Portland, Oreg.-Wash	109.3	135.8	145.2	157.9	172.6	188.5	202.6	217.1	222.5	255.9
St. Louis, Mo.-Ill	105.6	116.1	120.4	127.0	136.8	149.0	165.6	179.2	191.8	199.6
San Diego, Calif	123.6	148.7	158.3	170.2	185.6	205.5	225.3	243.2	263.5	280.8
San Francisco-Oakland, Calif	119.3	144.8	153.3	164.7	177.3	190.3	214.3	236.1	258.8	[2] 278.2
Seattle, Wash	109.1	130.8	141.1	153.6	168.0	185.1	226.1	239.8	245.2	245.4
Washington, D.C.-Md.-Va	109.4	140.3	149.0	158.4	168.0	181.2	197.2	215.5	233.8	248.0

NA Not available. [1] See headnote, table 814 and text, page 484. [2] April data.

NO. 822. CONSUMER PRICE INDEXES OF FUELS AND UTILITIES: 1970 TO 1983

[1967 = 100. Represents all urban consumers. A therm = 100,000 Btu's. Annual averages for cities combined. See text, p. 484. See also *Historical Statistics, Colonial Times to 1970*, series E 203-211]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, May
Consumer price index, all items	**116.3**	**147.7**	**161.2**	**170.5**	**181.5**	**195.4**	**217.4**	**246.8**	**272.4**	**289.1**	**297.1**
Fuels and other utilities	107.6	150.2	167.8	182.7	202.2	216.0	239.3	278.6	319.2	350.8	369.3
Gas (piped) and electricity	107.3	145.8	169.6	189.0	213.4	232.6	257.8	301.8	345.9	393.8	429.1
Utility (piped) gas	108.5	143.9	172.5	201.2	239.3	263.1	305.3	363.9	414.9	497.2	593.9
Gasoline, regular and premium	105.6	159.9	170.8	177.9	188.2	196.3	265.6	369.1	410.9	389.3	380.9
Electricity (composite)	106.2	147.5	167.0	177.6	189.3	203.4	219.1	253.4	291.5	320.3	324.7
Fuel oil, coal, and bottled gas	110.1	214.6	235.3	250.8	283.4	298.3	403.1	556.0	675.9	667.9	621.0
Fuel oil No. 2	109.3	219.0	230.6	247.2	280.2	296.9	416.8	579.7	709.2	693.9	629.6
Telephone services, residential	102.5	121.4	125.3	129.8	131.3	132.8	132.4	135.7	147.7	162.8	172.8
Water and sewer service, residential	120.4	154.8	169.9	188.7	209.1	232.6	243.3	259.8	290.9	325.5	346.2

Source of tables 821 and 822: U.S. Bureau of Labor Statistics, *Monthly Labor Review.*

NO. 823. AVERAGE PRICE OF RESIDENTIAL UTILITY (PIPED) GAS, ELECTRICITY, AND FUEL OIL NO. 2, SELECTED AREAS: 1981 AND 1982

[**In dollars per unit shown.** One therm contains approximately 100 cubic feet of natural gas. As of **January.** For complete SMSA titles, see *Appendix II*]

AREA	UTILITY (PIPED) GAS (100 therms)		ELECTRICITY (500 kWh)		FUEL OIL No. 2 (gallon)		AREA	UTILITY (PIPED) GAS (100 therms)		ELECTRICITY (500 kWh)		FUEL OIL No. 2 (gallon)	
	1981	1982	1981	1982	1981	1982		1981	1982	1981	1982	1981	1982
U.S. city average	[1] 40.05	47.46	31.55	36.01	1.150	1.254	L.A., Long Beach-Anaheim	30.08	33.81	35.09	42.08	(NA)	(NA)
Anchorage	*21.00*	*20.19*	*25.41*	*28.40*	1.118	1.245	Miami	45.43	50.85	29.35	38.59	(NA)	(NA)
Atlanta	41.95	48.36	25.26	30.12	(NA)	(NA)	Milwaukee	45.52	53.42	25.25	33.10	1.086	1.164
Baltimore	45.04	52.80	32.57	34.98	1.093	1.221	Minn.-St. Paul	38.77	53.12	27.23	31.35	1.087	1.189
Boston	56.60	68.82	41.27	38.49	1.158	1.287	New York	59.97	65.52	53.02	57.85	1.175	1.289
Buffalo	44.88	48.51	26.49	30.14	1.178	1.291	Northeast [4]	46.75	54.72	24.76	34.34	1.105	1.211
Chicago	39.53	45.09	34.47	38.62	1.134	1.244	Philadelphia	54.07	59.68	35.49	39.25	1.146	1.236
Cincinnati	*36.73*	*44.99*	*25.57*	*27.12*	1.129	1.229	Pittsburgh	35.92	40.51	29.11	34.95	(NA)	(NA)
Cleveland	35.76	40.28	31.40	37.45	(NA)	(NA)	Portland, Oreg	53.42	61.62	20.34	15.76	1.065	1.179
Dallas [2]	35.08	44.13	27.15	31.57	(NA)	(NA)	St. Louis	40.51	49.98	23.23	25.91	1.127	1.168
Denver-Boulder	42.81	52.68	34.18	38.83	(NA)	(NA)	San Diego	36.05	41.47	51.78	57.17	(NA)	(NA)
Detroit	40.34	46.57	31.73	30.65	1.133	1.246	San Francisco-Oakland	30.98	38.53	26.78	42.41	(NA)	(NA)
Honolulu	[3] 147.43	165.46	48.31	62.13	(NA)	(NA)	Seattle-Everett	54.02	65.01	11.61	12.94	1.134	1.296
Houston	*38.93*	*47.30*	*26.55*	*34.26*	(NA)	(NA)	Wash., D.C.	44.57	58.29	31.09	33.22	1.169	1.277
Kansas City	30.32	42.16	28.04	29.36	(NA)	(NA)							

NA Not available. [1] Excludes Honolulu. [2] Includes Ft. Worth. [3] Price is for propane only. [4] Northeast Pa.

Source: U.S. Bureau of Labor Statistics, *Consumer Prices: Energy,* monthly.

NO. 824. AVERAGE RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL MONTHLY BILLS FOR ELECTRICITY: 1975 TO 1982

[Composite average in dollars, as of January 1, using 1970 Census data. Residential, for cities of 2,500 or more population; commercial and industrial, for 455 large cities in United States and Puerto Rico. kW=Kilowatts; kWh=Kilowatt-hours. See source for coverage detail]

ITEM	1975	1980	1981	1982, prel.
RESIDENTIAL				
Average bill, dollars:				
500 kWh	17.93	27.80	32.61	37.26
750 kWh	24.72	36.94	43.99	50.40
1,000 kWh	32.29	48.79	58.16	66.84
Average bill, cents per kWh:				
500 kWh	3.6	5.6	6.5	7.5
750 kWh	3.3	4.9	5.9	6.7
1,000 kWh	3.2	4.9	5.8	6.7
COMMERCIAL				
Average bill, dollars:				
6 kW, 750 kWh	41	57	65	73
12 kW, 1,500 kWh	83	114	131	148
30 kW, 6,000 kWh	269	385	449	509
40 kW, 10,000 kWh	406	590	693	789
COMMERCIAL—Con.				
Average bill, cents per kWh:				
6 kW, 750 kWh	5.5	7.5	8.6	9.7
12 kW, 1,500 kWh	5.6	7.6	8.7	9.9
30 kW, 6,000 kWh	4.5	6.4	7.5	8.5
40 kW, 10,000 kWh	4.1	5.9	6.9	7.9
INDUSTRIAL				
Average bill, dollars:				
150 kW, 30,000 kWh	1,157	1,757	2,114	2,396
300 kW, 60,000 kWh	2,199	3,431	4,128	4,685
1,000 kW, 200,000 kWh	6,888	10,910	12,756	15,097
Average bill, cents per kWh:				
150 kW, 30,000 kWh	3.9	5.9	7.1	8.0
300 kW, 60,000 kWh	3.7	5.7	6.9	7.8
1,000 kW, 200,000 kWh	3.4	5.5	6.4	7.6

NO. 825. NET MONTHLY RESIDENTIAL ELECTRIC BILLS (RANGE OF LOWEST TO HIGHEST) FOR 500 KILOWATT-HOURS USE, 1970 TO 1982, AND BY STATES, 1982

[In dollars. Based on rates as of January 1 for communities of 2,500 inhabitants or more]

YEAR, REGION, DIVISION, AND STATE	Lowest bill	Highest bill
1970	4.25	25.00
1971	4.25	28.00
1972	4.25	30.37
1973	4.25	30.37
1974	4.25	30.37
1975	5.10	41.14
1976	4.68	41.13
1977	*4.68*	*41.13*
1978	4.68	47.14
1979	4.68	55.97
1980 [1]	5.84	64.47
1981	4.59	73.18
1982, U.S.	**4.59**	**81.36**
Regions:		
Northeast	8.54	70.54
North Central	12.75	47.94
South	11.00	51.37
West	4.59	81.36
N. Eng.:		
Maine	19.55	37.04
N.H	32.11	44.37
Vt	24.11	44.47
Mass	31.11	50.78
R.I	35.39	45.70
Conn	31.84	55.06
Mid. Atl.:		
N.Y	8.54	70.54
N.J	29.49	54.20
Pa	16.00	43.41
E. No. Cent.:		
Ohio	15.45	40.89
Ind	15.47	41.74
Ill	23.33	41.08
Mich	*17.10*	*39.91*
Wis	13.25	34.75
W. No. Cent.:		
Minn	12.75	45.63
Iowa	19.25	44.24
Mo	16.40	44.10
N. Dak	16.25	35.45
S. Dak	15.10	47.94
Nebr	18.84	40.12
Kans	17.95	44.76
So. Atl.:		
Del	34.81	51.37
Md	29.48	43.53
D.C	27.79	27.79
Va	20.33	36.37
W. Va	20.57	32.74
N.C	*26.60*	*39.70*
S.C	20.90	35.66
Ga	16.30	37.73
Fla	21.60	47.53
E. So. Cent.:		
Ky	19.93	31.60
Tenn	19.92	25.92
Ala	13.83	35.88
Miss	19.93	45.64
W. So. Cent.:		
Ark	11.84	38.71
La	11.00	41.57
Okla	*23.64*	*41.00*
Tex	11.59	50.00
Mt.:		
Mont	10.12	30.49
Idaho	9.06	18.51
Wyo	15.75	33.70
Colo	13.47	36.45
N. Mex	19.50	48.00
Ariz	27.97	51.91
Utah	16.40	41.87
Nev	10.60	37.95
Pac.:		
Wash	4.59	22.75
Oreg	5.50	18.35
Calif	10.67	57.68
Alaska	27.66	42.50
Hawaii	59.09	81.36

[1] Beginning in 1980, the bill does not include water heating usage.

Source of tables 824 and 825: Through 1975, U.S. Federal Power Commission, *Typical Electric Bills*, annual; thereafter, U.S. Energy Information Administration, *Typical Electric Bills*, annual.

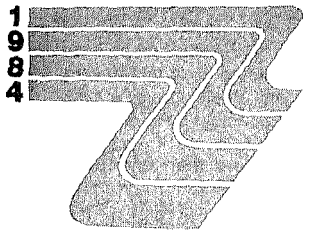
NO. 826. AVERAGE PRICES OF SELECTED FUELS AND UTILITIES: 1970 TO 1983

[In dollars per unit, except electric utilities, in cents per kWh. Represents retail price, except as noted]

ITEM	Unit [1]	1970	1973	1975	1976	1977	1978	1979	1980	1981	1982	1983, May
Crude oil, composite [2]	Barrel	3.40	4.15	10.38	10.89	11.96	12.46	17.72	28.07	35.24	31.87	28.64
Gasoline, average retail: [3]												
Leaded regular	Gallon	.36	.39	.57	.59	.62	.63	.86	1.19	1.31	1.22	1.17
Unleaded regular	Gallon	(NA)	(NA)	(NA)	.61	.66	.67	.90	1.25	1.38	1.30	1.26
Leaded premium	Gallon	(NA)	(NA)	.61	.64	.67	.69	.92	1.28	1.44	1.42	1.38
No. 2 heating oil, residential	Gallon	.19	.23	.38	.41	.46	.49	.66	.98	1.21	1.19	(NA)
Diesel fuel No. 2	Gallon	(NA)	(NA)	(NA)	.35	.39	.40	.62	.87	1.06	1.01	(NA)
Natural gas, residential	1,000 cu. ft	.92	1.08	1.54	1.85	2.26	2.63	3.23	3.95	4.56	5.53	6.63
Residual fuel oil	Barrel	(NA)	(NA)	(NA)	11.49	13.23	12.75	18.67	26.09	32.50	29.08	(NA)
Electric utilities, residential	kWh	2.22	2.54	3.51	3.73	4.05	4.31	4.64	5.36	6.20	6.86	7.41

NA Not available. [1] See headnote. [2] Refiner acquisition cost. [3] Full-service.

Source: U.S. Energy Information Administration, *Monthly Energy Review*.



Section 17

Banking, Finance, and Insurance

This section presents data on the Nation's finances, various types of financial institutions, money and credit, securities, and insurance. The primary sources of these data are publications of several departments of the Federal Government, especially the Treasury Department, and independent agencies such as the Federal Deposit Insurance Corporation, the Federal Reserve System, and the Securities and Exchange Commission. National data on insurance are available primarily from private organizations, such as the American Council of Life Insurance.

Flow of funds.—The flow of funds accounts of the Federal Reserve System (see tables 827 to 832) bring together statistics on all of the major forms of financial transactions and financial claims to present an economy-wide view of asset and liability relationships. In flow form, the accounts relate borrowing and lending to one another and to the nonfinancial activities that generate income and production. Each claim outstanding is included simultaneously as an asset of the lender and as a liability of the debtor. The accounts also indicate the balance between asset totals and liability totals over the economy as a whole. Several publications of the Board of Governors of the Federal Reserve System contain information on the flow of funds accounts: Summary data on flows, in the *Federal Reserve Bulletin, Flow of Funds Accounts* (quarterly), and *Annual Statistical Digest;* and concepts and organization of the accounts, in *Introduction to Flow of Funds* (June 1980).

Banking system.—Banks in this country are organized under the laws of both the States and the Federal Government and are regulated by several bank supervisory agencies. State-chartered banks are supervised by officials of the respective States. National banks are supervised by the Comptroller of the Currency. *Reports of Condition* have been collected from national banks since 1863. Summaries of these reports are published in the Comptroller's *Annual Report,* which also presents data on the structure of the national banking system.

The Federal Reserve System was established in 1913 to exercise central banking functions, some of which are shared with the U.S. Treasury. It includes national banks and such State banks as voluntarily join the System. Statements of State bank members are consolidated by the Board of Governors of the Federal Reserve System with data for national banks collected by the Comptroller of the Currency into totals for all member banks of the System. Balance sheet data for member banks and other commercial banks are published in condensed form in the *Federal Reserve Bulletin.*

The Federal Deposit Insurance Corporation (FDIC), established in 1933, insures each depositor up to $100,000 currently in banks that are members of the Federal Reserve System and in such nonmember banks as join the insurance fund. A balance sheet for all banks in the country is published in the FDIC's *Annual Report.* Major item balance sheets for all commercial banks are published monthly in the *Federal Reserve Bulletin.*

Savings and loan and other credit agencies.—Savings and loan associations, insurance companies, finance companies dealing primarily in installment sales financing, credit unions, and personal loan companies represent important sources of funds for the credit market. Savings and loan associations are primarily involved in credit extension in the form of mortgage loans. Statistics on savings and loan associations are collected by the Federal Home Loan Bank Board. Statistics on loans, investments, cash, etc., of life insurance companies are published principally by the American Council of Life Insurance in its *Life Insurance Fact Book.* Consumer credit data are published currently in the *Federal Reserve Bulletin.*

Federally chartered credit unions are under the supervision of the National Credit Union Administration, established in 1970. State-chartered credit unions are supervised by the respective State supervisory authorities. The Administration publishes comprehensive program and statistical information on all Federal and federally insured State credit unions in the *Annual Report of the National Credit Union Administration.* Deposit insurance (up to $100,000 per account) is provided to members of all Federal and those State credit unions that are federally-insured by the National Credit Union Share Insurance Fund which was established in 1970. Deposit insurance for State chartered credit unions is also available in some States under private or State-administered insurance programs.

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Government corporations and credit agencies make available credit of specified types or to specified groups of private borrowers, either by lending directly or by insuring or guaranteeing loans made by private lending institutions. Data on operations of Government credit agencies, along with other Government corporations, are available in reports of individual agencies; data on their assets and liabilities are published in the *Treasury Bulletin.*

Currency.—Currency, including coin and paper money, represents more than one-fourth of all media of exchange in the United States, with most payments made by check. All currency is now issued by the Federal Reserve Banks.

"Currency and coin in circulation" (official *Statement of United States Currency and Coin)* refers to all coin and paper money issued by the Federal Reserve Banks, except gold and silver coin known to have been exported and, beginning with 1934, all gold coin. It includes all coin and paper money held by the public in the Unites States. It also includes cash in vaults of commercial and savings banks, currency irretrievably lost or destroyed by natural causes, and currency carried abroad by travelers.

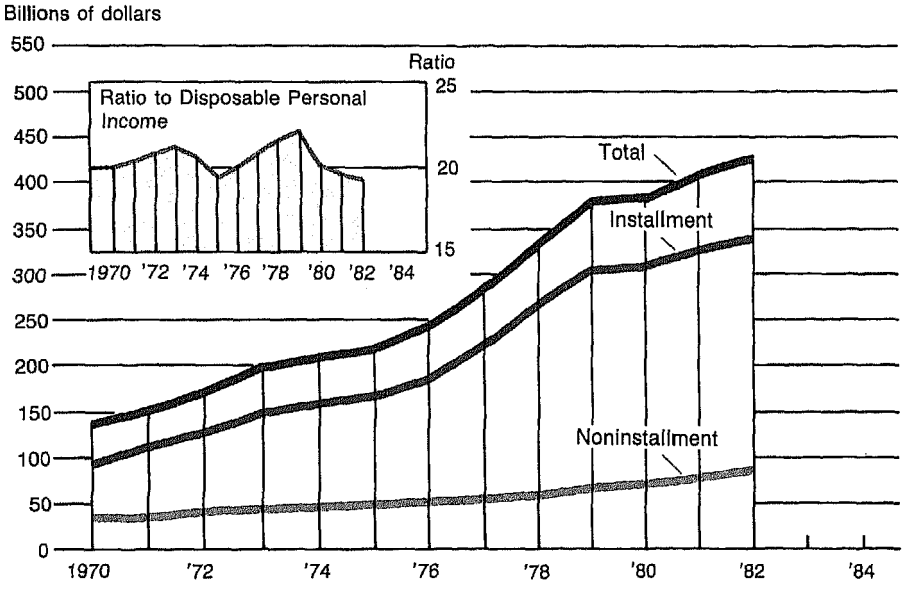
Securities.—The Securities and Exchange Commission (SEC) was established in 1934 to protect the interests of the public and investors against malpractices in the securities and financial markets and to provide the fullest possible disclosure of information regarding securities to the investing public. Since its inception, the SEC has compiled a comprehensive monthly data series on new corporate securities offerings that covers substantially all new issues offered for cash sale in the United States in amounts over $100,000 and with terms to maturity of more than one year. This series is published monthly in the *SEC Monthly Statistical Review.*

Insurance.—Insuring companies, which are regulated by the various States or the District of Columbia, are classified as either life or property. Companies that underwrite accident and health insurance only and those that underwrite accident and health insurance in addition to one or more property lines are included with property insurance. Insuring companies, other than those classified as life, are permitted to underwrite one or more property lines provided they are so licensed and have the necessary capital or surplus.

There are a number of published sources for statistics on the various classes of insurance—life, health, fire, marine, and casualty. Individual States collect data on all insurers operating within their respective jurisdictions, and many of the States publish an annual insurance report giving individual company data and aggregates of certain items for the companies operating within the State. Organizations representing certain classes of insurers publish reports for these classes. Among them are the annual commercial publishers, such as The National Underwriter Company whose *Argus Chart* (annual) contains financial and operating data for individual health and accident insurance companies, including Blue Cross and Blue Shield Plans. The American Council of Life Insurance publishes statistics on life insurance purchases, ownership, benefit payments, and assets in its annual *Life Insurance Fact Book.*

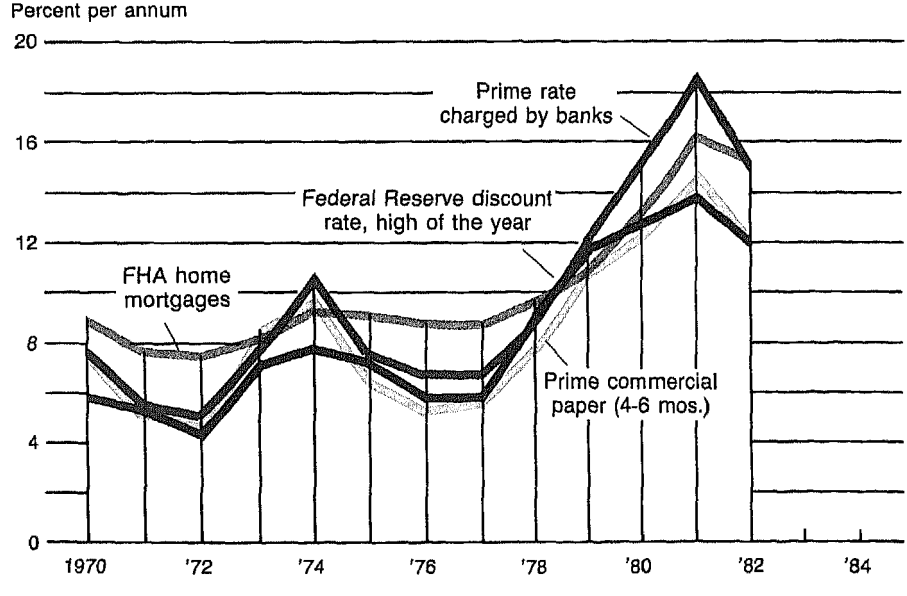
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 17.1
Consumer Credit: 1970 to 1982



Source: Chart prepared by U.S Bureau of the Census. For data, see table 859.

Figure 17.2
Money Market Rates: 1970 to 1982



Source: Chart prepared by U.S Bureau of the Census. For data, see tables 867 and 870.

No. 827. Flow of Funds Accounts—Financial Assets and Liabilities of Financial and Nonfinancial Institutions, by Sector and Type of Instrument: 1982

[In billions of dollars. As of Dec. 31. Preliminary. A=Assets; L=Liabilities, SDR=Special drawing rights, IMF=International Monetary Fund. RPs=Repurchase Agreements. "N.e.c."=Not elsewhere classified]

Type of instrument	Total		Private domestic nonfinancial institutions							
			Total		Households		Business		State and local govts.	
	A	L	A	L	A	L	A	L	A	L
Financial assets	**12,745.5**	(x)	**6,851.7**	(x)	**5,394.5**	(x)	**1,173.3**	(x)	**283.9**	(x)
Liabilities	(x)	**10,937.6**	(x)	**4,314.8**	(x)	**1,740.7**	(x)	**2,155.7**	(x)	**418.4**
Gold stock and SDR's	76.0	–	–	–	–	–	–	–	–	–
IMF position	7.3	7.3	–	–	–	–	–	–	–	–
Official foreign exchange	10.2	10.2	–	–	–	–	–	–	–	–
Treasury currency	18.4	16.5	–	–	–	–	–	–	–	–
Checkable deposits and currency	497.4	535.4	412.9	–	312.5	–	95.1	–	5.2	–
Time and savings accounts	1,716.3	1,716.3	1,592.6	–	1,461.7	–	60.0	–	70.9	–
Fed. funds and security RP's	94.4	145.5	43.3	–	–	–	26.6	–	16.6	–
Money market fund shares	206.6	206.6	206.6	–	206.6	–	–	–	–	–
Foreign deposits	35.8	35.8	12.0	–	–	–	12.0	–	–	–
Life insurance reserves	244.6	244.6	244.6	–	244.6	–	–	–	–	–
Pension fund reserves	931.7	931.7	931.7	–	931.7	–	–	–	–	–
Interbank claims	–24.5	–24.9	–	–	–	–	–	–	–	–
Corporate equities [1]	1,811.7	89.9	1,306.2	–	1,306.2	–	–	–	–	–
Credit market instruments [2]	5,656.1	5,656.1	1,102.5	3,758.6	821.4	1,676.4	103.6	1,693.9	177.5	388.3
U.S. Treasury securities [3]	987.7	987.7	371.4	–	276.3	–	11.2	–	83.9	–
Federal agency securities [4]	385.0	385.0	126.3	–	84.3	–	1.8	–	40.2	–
State and local securities	449.4	449.4	166.3	449.4	155.3	–	3.5	70.8	7.5	378.6
Corporate and foreign bonds	570.6	570.6	73.5	423.3	73.5	–	–	423.3	–	–
Mortgages	1,652.1	1,652.1	232.5	1,649.8	186.6	1,138.5	–	511.2	45.9	–
Consumer credit	428.0	428.0	55.7	428.0	–	428.0	55.7	–	–	–
Bank loans, n.e.c.	538.7	538.7	–	476.1	–	35.3	–	440.8	–	–
Open-market paper	242.5	242.5	76.7	58.3	45.4	–	31.3	58.3	–	–
Security credit	74.8	74.8	27.7	25.4	27.7	25.4	–	–	–	–
Trade credit [5]	552.5	446.4	487.4	416.2	–	22.4	487.4	363.7	–	30.1
Taxes payable	.9	6.2	13.6	–1.2	–	–	–	–1.2	13.6	–
Miscellaneous claims	835.6	839.2	470.7	115.7	82.2	16.5	388.5	99.2	–	–

Type of instrument	U.S. government		Financial institutions						Rest of the world	
			Total [6]		Monetary authority		Commercial banks		Nonbank finance	
	A	L	A	L	A	L	A	L	A	L
Financial assets	**271.6**	(x)	**5,155.0**	(x)	**193.2**	(x)	**1,607.8**	(x)	**2,927.9**	(x)
Liabilities	(x)	**1,134.0**	(x)	**4,936.2**	(x)	**193.2**	(x)	**1,515.8**	(x)	**2,807.0**
Gold stock and SDR's	5.3	–	11.1	–	11.1	–	–	–	–	–
IMF position	7.4	–	(z)	–	(z)	–	–	–	–	–
Official foreign exchange	4.4	–	5.8	–	5.8	–	–	–	–	–
Treasury currency	–	16.5	18.4	–	18.4	–	–	–	–	–
Checkable deposits and currency	24.5	–	44.0	535.4	–	141.3	5.6	369.6	37.8	24.5
Time and savings accounts	1.1	–	88.6	1,716.3	–	–	–	921.0	88.6	795.2
Fed. funds and security RP's	–	–	51.1	145.5	–	–	–	130.3	36.9	15.1
Money market fund shares	–	–	–	206.6	–	–	–	–	–	206.6
Foreign deposits	–	–	23.8	–	–	–	–	–	23.8	–
Life insurance reserves	–	10.0	–	234.6	–	–	–	–	–	234.6
Pension fund reserves	–	97.9	–	833.7	–	–	–	–	–	833.7
Interbank claims	–	–	49.5	–24.9	3.5	46.0	46.0	–70.9	–	–
Corporate equities [1]	–	–	427.2	89.9	–	–	.1	–	427.1	89.9
Credit market instruments [2]	207.2	991.4	4,120.5	679.8	150.3	–	1,426.5	60.0	2,138.7	238.1
U.S. Treasury securities [3]	–	987.7	466.9	–	139.3	–	133.5	–	190.9	–
Federal agency securities [4]	–	3.4	258.6	381.6	9.5	–	78.2	–	170.0	–
State and local securities	–	–	283.1	–	–	–	158.6	–	124.5	–
Corporate and foreign bonds	–	–	455.7	87.5	–	–	9.2	6.8	446.5	62.1
Mortgages	49.4	.3	1,370.2	2.0	–	–	301.7	–	763.0	2.0
Consumer credit	–	–	372.2	–	–	–	188.4	–	183.8	–
Bank loans, n.e.c.	–	–	538.7	33.3	–	–	538.7	–	–	33.3
Open-market paper	–	–	130.8	109.3	1.5	–	18.1	34.6	110.8	74.7
Security credit	–	–	47.1	49.3	–	–	26.2	–	20.9	49.3
Trade credit [5]	22.4	18.3	20.3	–	–	–	–	–	20.3	–
Taxes payable	–12.7	–	–	7.4	–	–	–	1.6	–	5.8
Miscellaneous claims	12.0	(z)	247.7	462.6	4.1	5.9	103.4	104.1	133.8	313.9

Type of instrument	Rest of the world	
	A	L
Financial assets	**467.3**	(x)
Liabilities	(x)	**552.6**
Gold stock and SDR's	59.5	–
IMF position	–	7.3
Official foreign exchange	–	10.2
Treasury currency	–	–
Checkable deposits and currency	16.0	–
Time and savings accounts	33.9	–
Fed. funds and security RP's	–	–
Money market fund shares	–	–
Foreign deposits	–	35.8
Life insurance reserves	–	–
Pension fund reserves	–	–
Interbank claims	–74.0	–
Corporate equities [1]	78.3	–
Credit market instruments [2]	225.8	226.3
U.S. Treasury securities [3]	149.4	–
Federal agency securities [4]	–	–
State and local securities	–	–
Corporate and foreign bonds	41.4	59.7
Mortgages	–	–
Consumer credit	–	–
Bank loans, n.e.c.	–	29.3
Open-market paper	35.0	74.9
Security credit	–	–
Trade credit [5]	22.4	12.0
Taxes payable	–	–
Miscellaneous claims	105.3	261.0

– Represents zero. X Not applicable. Z Less than $50 million. [1] Assets shown at market value; nonbank finance liability is redemption value of shares of open-end investment companies. No specific liability attributed to issuers of stocks other than open-end investment companies for amounts outstanding. [2] Includes "Other loans," not shown separately. [3] Includes savings bonds and other nonmarketable debt held by public. [4] Issues by agencies in the budget and by sponsored credit agencies in financial sectors, issues backed by mortgage pools, and loan participation certificates. [5] Asset is corporate only; noncorporate credit deducted in liability total to conform to quarterly flow tables. [6] Includes federally sponsored credit agencies and mortgage pools, not shown separately.

Source: Board of Governors of the Federal Reserve System, *Annual Statistical Digest.*

No. 828. Flow of Funds Accounts—Financial Assets of Financial and Nonfinancial Institutions, by Holder Sector: 1970 to 1982

[**In billions of dollars.** As of **Dec. 31.** See also *Historical Statistics, Colonial Times to 1970,* series X 192, X 229, X 821, and X 835]

SECTOR	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
All sectors	**5,325.4**	**5,369.4**	**6,015.1**	**6,755.6**	**7,366.4**	**8,281.6**	**9,413.9**	**10,763.8**	**11,662.1**	**12,745.5**
Households	2,301.9	2,206.3	2,564.3	2,905.3	3,079.8	3,373.1	3,860.8	4,555.0	4,850.8	5,394.5
Nonfinancial business	573.0	566.0	610.0	669.1	734.2	833.4	967.5	1,078.4	1,141.9	1,173.3
Farm	13.3	13.9	14.8	16.3	18.1	20.2	22.2	24.2	26.1	28.0
Nonfarm noncorporate	33.7	35.4	37.5	40.9	44.4	48.8	53.6	56.7	61.4	65.6
Nonfinancial corporations	526.0	516.7	557.6	611.9	671.7	764.4	891.6	997.5	1,054.5	1,079.7
U.S. Government	98.8	104.0	120.2	141.6	150.3	175.5	198.2	223.3	246.6	271.6
U.S. Government-sponsored credit agencies and mortgage pools	87.9	109.3	121.5	138.4	161.9	203.9	258.9	306.5	356.7	426.1
State and local government	110.7	120.2	122.6	133.6	156.6	179.7	198.6	218.6	241.6	283.9
Monetary authorities	106.9	113.4	124.6	134.5	143.0	156.2	166.7	173.8	182.0	193.2
Commercial banking [1]	728.8	799.9	834.3	905.5	1,002.9	1,146.8	1,274.5	1,386.3	1,520.7	1,607.8
Domestic commercial banks	695.8	757.1	786.0	845.4	936.3	1,056.0	1,161.4	1,244.7	1,352.2	1,459.7
Foreign banking offices in U.S	19.1	27.6	29.2	34.5	40.2	62.0	78.5	101.2	117.3	92.3
Nonbank finance	1,112.5	1,128.3	1,282.8	1,464.9	1,639.5	1,853.6	2,088.4	2,373.6	2,640.6	2,927.9
Savings and loan assoc	271.9	295.5	338.2	391.9	459.2	523.5	579.0	630.7	663.8	706.0
Life insurance	244.8	255.0	279.7	311.1	339.8	378.3	419.6	464.2	508.8	563.6
Other insurance	69.5	67.8	77.3	93.9	113.2	133.9	154.9	174.3	184.2	203.0
Private pension funds	134.3	115.5	146.8	171.9	178.3	198.3	222.0	256.8	293.2	344.6
Govt. retirement funds [2]	84.7	88.0	104.8	120.4	132.5	153.9	169.7	198.1	221.7	260.4
Finance companies	90.8	96.0	98.8	110.7	133.4	157.5	184.8	198.6	224.9	229.6
Money market funds	–	2.4	3.7	3.7	3.9	10.8	45.2	74.4	181.9	206.6
Mutual savings banks	106.8	109.1	121.1	134.8	147.3	158.2	163.3	171.5	175.3	174.2
Investment companies	46.6	35.2	43.0	46.5	45.5	46.1	51.8	63.7	64.0	89.9
Credit unions	27.8	31.1	36.9	43.3	51.5	58.4	63.1	71.8	75.2	88.6
Security brokers, dealers	18.3	15.2	18.5	26.8	27.7	28.0	28.2	33.5	41.8	53.7
Real estate investment trusts	17.0	17.5	14.0	9.8	7.2	6.8	6.7	5.8	5.9	7.7
Rest of the world	204.9	222.0	234.7	262.8	298.1	359.3	400.3	448.2	481.2	467.3

– Represents zero. [1] Includes other sectors not shown separately. [2] State and local.

No. 829. Flow of Funds Accounts—Assets and Liabilities of Households: 1970 to 1982

[As of **December 31.** See also *Historical Statistics, Colonial Times to 1970,* series X 114–147]

TYPE OF INSTRUMENT	TOTAL (bil. dol.)							PERCENT DISTRIBUTION		
	1970	1975	1978	1979	1980	1981	1982	1970	1980	1982
Total financial assets	**2,301.9**	**2,564.3**	**3,373.1**	**3,860.8**	**4,555.0**	**4,850.8**	**5,394.5**	**100.0**	**100.0**	**100.0**
Deposit and market instrument [1]	1,088.3	1,326.5	1,826.1	2,061.6	2,294.7	2,565.3	2,802.3	47.3	50.4	51.9
Checkable deposits and currency	156.5	170.7	228.8	250.9	261.8	287.6	312.5	6.8	5.7	5.8
Small time and savings deposits	579.7	710.6	988.0	1,049.7	1,129.4	1,176.0	1,297.9	25.2	24.8	24.1
Money market fund shares	–	3.7	10.8	45.2	74.4	181.9	206.6	–	1.6	3.8
Large time deposits	52.1	60.4	98.3	113.9	159.6	178.7	163.8	2.3	3.5	3.0
Credit market instruments	299.9	381.2	500.2	601.8	669.4	741.1	821.4	13.0	14.7	15.2
U.S. Government securities	112.8	152.9	211.7	264.7	293.1	329.9	360.6	4.9	6.4	6.7
Treasury issues	96.6	133.2	175.3	206.3	225.5	249.2	276.3	4.2	5.0	5.1
Saving bonds	60.4	67.4	80.7	79.9	72.5	68.2	68.3	2.6	1.6	1.3
Other Treasury	36.3	65.8	94.6	126.4	153.0	181.0	208.0	1.6	3.4	3.9
Agency issues	16.2	19.7	36.5	58.5	67.6	80.7	84.3	.7	1.5	1.6
State and local obligations	53.7	68.1	72.7	82.7	94.6	115.0	155.3	2.3	2.1	2.9
Corporate and foreign bonds	55.0	69.0	72.8	83.1	90.0	81.3	73.5	2.4	2.0	1.4
Mortgages	63.1	76.2	105.9	126.0	148.4	171.6	186.6	2.7	3.3	3.5
Open-market paper	15.3	15.1	37.1	45.3	43.3	43.4	45.4	.7	1.0	.8
Corporate equities	712.8	660.5	749.9	914.3	1,225.6	1,165.5	1,306.2	31.0	26.9	24.2
Mutual fund shares	46.6	43.0	46.1	51.8	63.7	64.0	89.9	2.0	1.4	1.7
Other corporate equities	666.1	617.5	703.9	862.6	1,161.9	1,101.4	1,216.3	28.9	25.5	22.5
Life insurance reserves	151.3	166.6	198.5	211.1	222.5	232.8	244.6	6.6	4.9	4.5
Pension fund reserves	310.6	365.7	531.1	598.6	727.1	793.8	931.7	13.5	16.0	17.3
Security credit	4.9	4.5	7.9	8.5	12.6	16.2	27.7	.2	.3	.5
Miscellaneous assets	34.1	40.6	59.5	66.7	72.4	77.1	82.2	1.5	1.6	1.5
Total liabilities	**697.3**	**805.3**	**1,215.2**	**1,394.2**	**1,526.3**	**1,650.9**	**1,740.7**	**100.0**	**100.0**	**100.0**
Credit market instruments	670.5	776.1	1,171.8	1,349.0	1,469.2	1,589.3	1,676.4	96.2	96.3	96.3
Mortgages	427.1	507.7	774.6	899.0	999.3	1,082.5	1,138.5	61.3	65.5	65.4
Installment consumer credit	155.1	172.3	273.6	312.0	313.5	333.4	343.4	22.2	20.5	19.7
Other consumer credit	48.6	50.9	64.3	71.3	74.8	80.2	84.6	7.0	4.9	4.9
Bank loans, not elsewhere classified	13.5	13.7	19.9	20.8	26.8	27.7	35.3	1.9	1.8	2.0
Other loans	26.2	31.5	39.5	45.9	54.8	65.6	74.6	3.8	3.6	4.3
Security credit	13.2	12.1	19.8	18.6	27.1	27.2	25.4	1.9	1.8	1.5
Trade credit	7.3	9.4	13.2	14.9	17.0	19.7	22.4	1.0	1.1	1.3
Unpaid life insurance premiums [2]	6.4	7.7	10.3	11.7	12.9	14.7	16.5	.9	.8	.9

– Represents zero. [1] Excludes corporate equities. [2] Includes deferred premiums.

Source of tables 828 and 829: Board of Governors of the Federal Reserve System, *Annual Statistical Digest.*

No. 830. Flow of Funds Accounts—Assets and Liabilities of Private Nonbank Financial Institutions, by Type of Transaction: 1982

[**In billions of dollars.** As of **Dec. 31.** Preliminary. A=Assets; L=Liabilities; "N.e.c."=Not elsewhere classified; RP's=Repurchase agreements]

TYPE OF INSTRUMENT	TOTAL [1]		MUTUAL SAVINGS BANKS		SAVINGS AND LOAN ASSOCIATIONS		INSURANCE COMPANIES		PENSION FUNDS [2]		FINANCE COMPANIES		MONEY MARKET FUNDS	
	A	L	A	L	A	L	A	L	A	L	A	L	A	L
Financial assets	**2,927.9**	x)	**174.2**	(x)	**706.0**	(x)	**766.6**	(x)	**605.0**	(x)	**229.6**	(x)	**206.6**	(x)
Liabilities	(x)	**2,807.0**	(x)	**165.0**	(x)	**679.9**	(x)	**679.8**	(x)	**605.0**	(x)	**240.6**	(x)	**206.6**
Checkable deposits	37.8	24.5	5.2	4.8	5.5	14.6	9.1	–	7.4	–	4.9	–	.3	–
Time and savings accounts	*88.6*	*795.2*	*1.8*	*152.3*	*14.0*	*586.2*	–	–	*9.3*	–	–	–	*40.8*	–
Fed. funds, security RP's	36.9	15.1	5.3	–	15.4	15.1	–	–	–	–	–	–	16.2	–
Money market fund shares	–	206.6	–	–	–	–	–	–	–	–	–	–	–	206.6
Foreign deposits	23.8	–	–	–	–	–	–	–	–	–	–	–	23.8	–
Reserves:														
Life insurance	–	234.6	–	–	–	–	–	234.6	–	–	–	–	–	–
Pension fund	–	833.7	–	–	–	–	–	228.8	–	605.0	–	–	–	–
Corporate equities	427.1	89.9	3.2	–	–	–	100.1	–	263.3	–	–	–	–	–
Credit market instruments	2,138.7	238.1	151.3	–	600.4	70.4	595.8	–	318.0	–	224.7	161.3	123.7	–
Securities:														
U.S. Treasury	190.9	–	6.0	–	13.6	–	29.4	–	73.3	–	–	–	54.6	–
Federal agency	170.0	–	17.9	–	74.4	–	27.0	–	44.5	–	–	–	–	–
State and local	124.5	–	2.5	–	.8	–	95.1	–	3.9	–	–	–	–	–
Corporate and foreign bonds	446.5	62.1	18.9	–	–	3.2	225.0	–	178.3	–	–	58.2	–	–
Mortgages	763.0	2.0	94.5	–	482.4	–	143.7	–	18.1	–	16.5	–	–	–
Consumer credit	183.8	–	4.3	–	20.2	–	–	–	–	–	112.1	–	–	–
Bank loans, n.e.c.	–	33.3	–	–	–	1.2	–	–	–	–	–	28.8	–	–
Open market paper	110.8	74.7	7.3	–	8.8	–	22.6	–	–	–	–	74.3	69.1	–
Other loans	149.2	66.0	–	–	–	66.0	53.1	–	–	–	96.1	–	–	–
Security credit	20.9	49.3	–	–	–	–	–	–	–	–	–	–	–	–
Trade credit	20.3	–	–	–	–	–	20.3	–	–	–	–	–	–	–
Taxes payable	–	5.8	–	–	–	–.6	–	5.3	–	–	–	.5	–	–
Miscellaneous	133.8	313.9	7.5	7.9	70.9	14.2	41.3	211.1	7.0	–	–	78.8	1.8	–

– Represents zero or rounds to zero. X Not applicable. [1] Includes credit unions, mutual funds, real estate investment trusts, and security brokers and dealers not shown separately. [2] Retirement funds of State and local governments and private pension plans.

No. 831. Flow of Funds Accounts—Credit Market Debt Outstanding: 1970 to 1982

[**In billions of dollars.** As of **Dec. 31.** "N.e.c."=Not elsewhere classified]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Credit market debt	**2,184.8**	**2,409.6**	**2,624.7**	**2,910.6**	**3,291.9**	**3,767.6**	**4,259.0**	**4,702.7**	**5,200.0**	**5,656.1**
Government	542.8	570.1	669.2	753.9	826.1	898.9	956.5	1,063.0	1,172.7	1,379.7
Federal	349.1	360.8	446.3	515.8	572.5	626.2	663.6	742.8	830.1	991.4
State and local	193.7	209.2	222.9	238.2	253.6	272.7	292.9	320.2	342.5	388.3
Non-government	1,642.1	1,839.6	1,955.5	2,156.7	2,465.8	2,868.7	3,302.5	3,639.7	4,027.4	4,276.3
Financial [1]	198.7	235.9	245.0	267.9	316.4	391.5	473.3	534.7	615.4	679.8
Sponsored credit agencies [2]	59.8	77.1	80.3	82.4	88.2	111.3	135.5	159.9	190.0	203.1
Mortgage pools	18.0	21.5	28.5	40.7	56.8	70.4	94.8	114.0	129.0	178.5
Commercial banks [3]	14.1	18.7	19.5	25.6	28.1	35.4	42.1	49.2	57.4	60.1
Savings and loan associations	21.7	26.5	24.2	24.3	34.2	48.5	59.9	66.6	79.8	70.4
Finance companies	70.7	76.2	76.7	81.2	97.9	116.2	132.7	138.9	152.9	161.3
Foreign	67.0	79.8	91.2	110.6	123.9	161.9	182.5	209.6	237.1	226.3
Private domestic nonfinancial	1,376.3	1,523.9	1,619.3	1,778.2	2,025.4	2,315.4	2,646.8	2,895.4	3,174.9	3,370.3
Corporations [1]	461.2	527.2	548.2	591.0	660.1	737.3	835.7	916.4	1,019.0	1,100.2
Bonds	209.9	231.2	261.0	286.3	315.5	343.3	375.6	418.2	453.9	494.1
Mortgages	65.9	66.8	65.9	68.3	71.9	76.1	77.5	80.0	78.9	76.8
Bank loans, n.e.c	150.3	181.3	172.0	175.8	196.4	226.5	269.7	295.0	337.6	382.7
Finance company loans	22.3	28.1	31.9	40.3	53.8	65.3	75.4	78.5	87.2	86.7
Individuals	915.1	996.7	1,071.1	1,187.2	1,365.4	1,578.1	1,811.1	1,979.0	2,155.9	2,270.1
By sector:										
Households	670.5	724.2	776.1	866.5	1,004.1	1,171.8	1,349.0	1,469.2	1,589.3	1,676.4
Farm	66.9	74.7	83.2	93.4	105.6	120.3	141.6	156.0	172.4	181.3
Nonfarm noncorporate	177.7	197.8	211.9	227.3	255.6	286.0	320.4	353.8	394.3	412.4
By type of instrument:										
Mortgages	608.2	671.5	731.7	814.4	937.5	1,083.5	1,247.5	1,380.4	1,499.5	1,573.0
Consumer credit	203.7	213.6	223.2	248.6	289.1	337.9	383.4	388.2	413.5	428.0
Policy loans	21.2	23.9	25.5	26.9	28.6	31.2	35.9	42.6	50.0	54.3
Bank loans, n.e.c.	45.1	46.8	45.3	45.7	51.9	57.1	61.3	71.3	79.6	93.4
Other loans	37.0	40.9	45.4	51.6	58.2	68.4	82.9	96.4	113.3	121.4

– Represents zero. [1] Includes other types, not shown separately. [2] U.S. Government. [3] Includes bank affiliates.

Source of tables 830 and 831: Board of Governors of the Federal Reserve System, Annual Statistical Digest.

No. 832. Flow of Funds Accounts—Credit Market Supply of Funds: 1970 to 1982

[**In billions of dollars.** As of **December 31.** Excludes corporate equities. See also *Historical Statistics, Colonial Times to 1970*, series X 64-105]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Credit market debt claims against nonfinancial sectors	**1,919.1**	**2,094.0**	**2,286.5**	**2,532.1**	**2,851.5**	**3,214.3**	**3,603.2**	**3,958.4**	**4,347.5**	**4,750.0**
Public agency and foreign holdings	290.4	339.1	378.8	428.6	507.7	609.5	685.8	781.6	877.5	988.4
U.S. Government securities	136.6	146.0	164.0	187.1	221.9	258.0	251.7	267.4	284.6	302.3
Residential mortgages [1]	65.7	85.6	97.3	107.7	132.0	170.2	216.4	255.3	295.0	356.8
Other loans and securities	88.0	107.5	117.4	133.9	153.8	181.3	217.6	258.9	297.9	329.3
Agency debt excluded from total [2]	77.9	98.6	108.9	123.1	145.0	181.7	230.3	273.9	319.0	381.6
Foreign debt excluded from total [2]	67.0	79.8	91.2	110.6	123.9	161.9	182.5	209.6	237.1	226.3
Private domestic holdings [3]	1,773.6	1,933.3	2,109.8	2,337.2	2,612.8	2,948.3	3,330.2	3,660.3	4,026.1	4,369.5
U.S. Government securities	289.0	311.6	388.5	449.6	494.7	549.1	641.5	748.6	864.0	1,070.4
State and local obligations	191.2	207.7	223.8	239.5	262.9	291.3	321.1	356.9	389.8	449.4
Corporate and foreign bonds	221.3	242.3	275.1	305.6	327.8	350.2	373.9	399.7	420.4	441.6
Residential mortgages	452.9	483.6	510.4	565.7	646.8	742.3	834.6	908.6	967.9	957.4
Other mortgages and loans	634.4	710.0	729.8	792.6	900.7	1,048.2	1,201.0	1,295.3	1,449.2	1,516.8
Private financial intermediation:										
Claims held by institutions [4]	1,491.6	1,617.3	1,742.0	1,932.8	2,195.1	2,497.8	2,788.1	3,048.3	3,350.2	3,565.2
Commercial banking	652.9	719.7	749.1	808.7	896.3	1,025.0	1,143.9	1,243.6	1,347.1	1,426.5
Savings institutions	376.3	399.7	452.5	522.6	604.2	677.8	733.4	787.4	812.0	816.0
Insurance and pension funds	345.9	375.7	416.3	466.0	535.0	610.0	676.4	750.7	826.6	913.8
Sources of funds:										
Domestic deposits [5]	906.3	973.9	1,068.1	1,192.6	1,330.7	1,471.8	1,612.9	1,785.0	1,996.3	2,160.2
Credit market debt	120.8	137.3	136.2	144.8	171.4	209.8	243.0	260.8	296.4	298.2
Insurance and pension reserves	262.0	312.8	341.5	374.1	425.6	484.2	532.4	596.7	668.4	746.4
Private domestic nonfinancial investors:										
Credit market claims [4]	402.9	453.2	504.0	549.1	589.2	660.2	785.1	872.8	972.4	1,102.5
U.S. Government securities	152.7	172.1	197.5	213.9	238.0	274.3	337.4	375.8	426.1	497.8
State and local obligations	59.8	69.1	77.5	80.8	81.5	83.6	93.2	105.5	125.7	166.3
Corporate and foreign bonds	55.0	60.1	69.0	80.7	75.7	72.8	83.1	90.0	81.3	73.5
Open-market paper	30.2	36.0	34.7	36.6	46.2	61.9	74.0	70.9	73.0	76.7
Deposits and currency [4]	971.4	1,047.0	1,148.2	1,281.6	1,429.4	1,582.4	1,732.9	1,916.4	2,137.5	2,307.5
Small time and savings deposits	579.7	614.2	711.5	835.2	928.6	992.4	1,053.5	1,132.8	1,179.5	1,302.9
Money market fund shares	–	2.4	3.7	3.7	3.9	10.8	45.2	74.4	181.9	206.6
Large time deposits	113.1	143.9	129.9	117.9	143.8	190.4	210.3	258.5	294.8	289.7
Checkable deposits	199.8	201.9	211.3	221.8	238.2	254.5	273.6	282.3	300.6	317.7
Currency	61.8	68.1	74.3	81.6	89.9	99.2	107.1	117.4	126.9	135.4

– Represents zero. [1] Includes Federal Home Loan Bank advances to savings and loan associations. [2] Debt of sponsored agencies and mortgage pool securities are excluded from debt of nonfinancial sectors but included in holdings of debt claims below. [3] Claims held by private financial institutions, less sources of funds of credit market debt, plus private domestic nonfinancial investors credit market claims, less FHLB advances. [4] Includes other types, not shown separately. [5] Includes repurchase agreements.

Source: Board of Governors of the Federal Reserve System, *Annual Statistical Digest.*

No. 833. Uses and Sources of Funds—Summary: 1970 to 1982

[**In billions of dollars, except percent.** Minus sign (–) denotes decline in holdings of source. See tables 827-832 for related data on financial flows]

USE AND SOURCE	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Uses, funds raised	**95.1**	**189.5**	**205.2**	**265.9**	**338.5**	**389.7**	**403.0**	**389.7**	**390.3**	**405.2**
Investment funds	69.6	116.4	123.6	143.5	186.4	219.1	235.7	232.2	191.7	198.5
Short-term funds	18.6	62.9	3.5	63.0	100.5	123.8	137.3	81.8	120.6	55.0
U.S. securities, privately held	6.9	10.2	78.1	59.4	51.5	46.8	29.9	75.7	78.0	151.7
Less: Financial intermediaries, funds raised	12.4	24.0	5.8	15.5	28.7	47.6	50.3	37.5	57.4	23.9
Sources, gross funds supplied	**107.6**	**213.5**	**211.0**	**281.4**	**367.2**	**437.3**	**453.2**	**427.2**	**447.7**	**429.1**
Commercial banks	37.1	64.6	31.5	66.3	89.9	125.9	120.3	100.5	108.7	96.0
Percent of funds supplied	34.5	30.3	14.9	23.6	24.5	28.8	26.5	23.5	24.3	22.4
Insurance companies	13.0	19.6	25.1	39.2	48.7	53.0	51.2	48.4	50.7	53.4
Private noninsured pension funds	7.7	7.9	14.1	12.5	16.5	16.0	15.9	20.8	21.5	25.2
State and local government retirement funds	6.1	8.0	11.5	12.4	13.9	14.3	19.4	23.4	23.2	29.4
Savings and loan associations	12.7	19.7	36.2	51.8	61.3	56.7	51.5	42.1	23.8	18.6
Mutual savings banks	4.1	3.4	10.9	12.5	11.7	8.6	4.8	5.3	–.2	–.5
Credit unions	1.6	3.0	5.0	6.6	8.2	8.3	2.0	–2.2	.8	1.2
Investment companies	1.9	1.9	3.1	1.4	3.4	5.2	22.4	22.5	72.9	51.7
Other financial intermediaries	3.7	4.3	–	10.5	20.7	22.4	21.7	13.9	21.7	.4
Business	4.1	13.1	12.9	18.1	15.4	11.0	26.7	15.3	10.9	11.1
Government	10.7	16.4	21.4	14.9	13.8	28.4	34.1	39.8	32.8	34.4
Foreign investors	10.5	12.2	10.4	17.9	42.2	40.4	–3.2	28.2	21.9	27.3
Individuals and others	–5.6	39.3	29.0	17.2	21.6	47.1	86.4	69.2	58.9	80.9
Total net sources	**95.1**	**189.5**	**205.2**	**265.9**	**338.5**	**389.7**	**403.0**	**389.7**	**390.3**	**405.2**

– *Represents zero.*

Source: Donald Woolley and Beverly Lowen, *Credit and Capital Markets, 1983*, Bankers Trust Company, New York, N.Y.

NO. 834. FEDERAL RESERVE BANKS—ASSETS, LIABILITIES, AND CAPITAL ACCOUNTS: 1970 TO 1982

[In billions of dollars. As of **December 31.** See also *Historical Statistics, Colonial Times to 1970,* series X 796-805]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Assets	85.9	103.1	110.6	120.4	129.3	137.8	151.1	160.8	168.5	174.8	186.9
U.S. Government securities [1]	62.1	80.5	[2] 85.7	[2] 94.1	[2] 104.1	[2] 111.3	118.6	126.2	130.6	140.4	148.8
Gold certificate reserves	10.5	11.5	11.7	11.6	11.6	11.7	11.7	11.1	11.2	11.2	11.2
Special drawing rights	.4	.4	.4	.5	1.2	1.3	1.3	1.8	2.5	3.3	4.6
Coin and collection items	11.4	8.2	8.6	9.2	8.2	9.9	13.2	14.0	12.9	8.9	10.3
Loans and acceptances	.4	1.3	1.3	1.4	1.0	1.2	1.8	2.1	2.6	1.8	2.2
Other assets	1.1	1.2	3.2	3.3	3.2	2.4	4.5	5.6	8.7	9.2	9.9
Liabilities and capital accounts	85.9	103.1	110.8	120.4	129.3	137.8	151.1	160.8	168.5	174.8	186.9
Federal Reserve notes	50.3	64.3	70.9	77.2	83.7	93.2	103.3	113.3	124.2	131.9	142.0
Deposits	26.7	31.3	30.6	34.8	37.3	35.6	37.0	35.7	31.5	30.8	32.9
Deferred availability cash items	6.9	4.9	6.3	5.5	5.2	5.8	6.5	6.8	8.1	6.8	7.0
Other, and accrued dividends	.6	1.0	1.1	1.1	1.1	1.2	2.1	2.7	2.3	2.7	2.3
Capital accounts	1.4	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.6	2.7

[1] Includes securities loaned, fully secured by U.S. Government securities pledged with Federal Reserve banks.
[2] Excludes securities sold and scheduled to be bought back under matched sale-purchase transactions.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly

NO. 835. FEDERAL RESERVE MEMBER BANKS—REVENUE AND EXPENSES: 1970 TO 1982

[Includes one member bank in the Virgin Islands]

ITEM	Unit	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Member banks	*Number*	*5,769*	*5,737*	*5,782*	*5,790*	*5,760*	*5,669*	*5,564*	*5,425*	*5,422*	*5,474*	*5,619*
Current revenue	Bil. dol.	27.9	41.7	53.8	51.4	63.6	70.5	89.1	118.9	150.6	196.6	202.2
Expenses	Bil. dol.	22.2	35.0	46.8	44.4	55.9	61.7	77.8	105.8	136.5	181.9	188.3
Net current earnings	Bil. dol.	5.7	6.7	7.0	7.0	7.7	8.8	11.3	13.1	14.2	14.7	14.0
Net income	Bil. dol.	3.8	5.0	5.4	5.5	5.9	6.6	7.8	9.2	9.9	10.6	10.7
Cash dividends declared	Bil. dol.	1.8	2.0	2.3	2.5	2.5	2.6	2.9	3.5	3.9	4.4	4.9
Capital accounts [1]	Bil. dol.	33.0	42.9	46.2	50.0	50.6	56.6	61.5	67.1	73.7	80.9	88.7
Ratios to avg. capital accounts:												
Net current earnings	Percent	*17.4*	15.6	15.2	13.9	15.2	15.6	18.4	19.5	19.2	18.2	15.8
Net income	Percent	11.6	11.7	11.6	11.1	11.5	11.7	12.8	13.7	13.4	13.1	12.1
Cash dividends declared	Percent	5.3	4.7	4.9	5.0	4.8	4.8	4.8	5.2	5.3	5.5	5.5

[1] Averages of amounts reported for varying call dates; for details, see source.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly.

NO. 836. FEDERAL RESERVE SYSTEM—RESERVES OF DEPOSITORY INSTITUTIONS: 1970 TO 1982

[In billions of dollars. As of **December;** averages of daily figures]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Factors supplying reserve funds:											
Federal Reserve bank credit outstanding [1]	66.7	85.6	94.0	99.7	107.6	116.4	129.3	140.0	143.3	151.9	159.7
U.S. Government securities [2]	61.7	79.7	86.7	92.1	100.3	107.9	117.3	126.3	127.9	137.8	146.4
Float	3.6	3.4	2.7	3.0	3.6	5.3	7.4	6.5	5.8	3.4	2.8
Other Federal Reserve assets	1.4	2.4	4.6	4.5	3.2	3.1	4.6	7.2	9.6	10.7	10.5
Gold stock	11.1	11.6	11.6	11.6	11.6	11.7	11.6	11.1	11.2	11.2	11.1
Special drawing rights accounts	.4	.4	.4	.5	1.2	1.2	1.3	1.8	3.3	3.3	4.4
Treasury currency outstanding	7.1	8.7	9.2	10.1	10.9	11.4	11.8	12.9	13.4	13.7	13.8
Factors absorbing reserve funds:											
Currency in circulation	57.0	71.6	79.0	85.8	93.7	102.9	113.4	123.8	135.7	143.7	154.3
Treasury cash holdings	.4	.3	.2	.5	.5	.4	.3	.4	.4	.4	.4
Deposits with Federal Reserve banks [3]	1.7	3.0	3.0	5.1	7.4	6.6	5.0	3.6	3.5	3.9	4.1
Other Federal Reserve accounts	2.3	2.9	3.3	3.2	3.2	3.7	4.3	5.3	4.9	5.9	5.4
Reserve balances [4]	29.3	[5] 35.1	36.9	35.0	35.1	36.5	41.6	44.1	40.1	41.9	41.9
With Federal Reserve banks [6]	23.9	28.4	29.8	27.2	26.4	27.1	31.2	32.6	26.7	26.2	24.8
Currency and coin	5.3	6.6	7.2	7.8	8.5	9.4	10.3	11.3	13.3	15.8	17.0
Required reserves	29.0	34.8	36.6	34.7	35.0	36.3	41.4	43.6	40.1	41.6	41.4
Excess reserves	.3	[5] .3	.3	.3	.2	.2	.1	.5	(Z)	.3	.5
Free reserves [7]	(−z)	−1.0	−.4	.1	.1	−.4	−.7	−1.0	−1.6	−.3	.5

Z Less than $50 million. [1] Includes industrial loans and acceptances, when held. [2] Includes Federal agency obligations. [3] Other than member bank reserves. [4] Beginning with week ending Nov. 19, 1975, adjusted to include waivers of penalties for reserve deficiencies in accordance with Board policy of permitting transitional relief when a nonmember bank merges with a *member bank, or when a nonmember bank joins* the Federal Reserve System. [5] Includes $81 million of reserve deficiencies for which Federal Reserve banks are allowed to waive penalties for a transition period. Transition period ended after second quarter 1974. [6] Beginning 1979, includes reserves of all depository institutions. [7] Excess less borrowings.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly, and *Annual Statistical Digest.*

No. 837. Banking Offices, by Deposit Insurance Status: 1970 to 1982

[As of **December 31.** Includes Puerto Rico and outlying areas. Beginning 1982 excludes automatic teller machines that were previously being reported by many banks as branches. See also *Historical Statistics, Colonial Times to 1970,* series X 716-724]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
All banking offices	**37,166**	**45,308**	**47,239**	**48,653**	**50,695**	**52,608**	**54,926**	**57,232**	**59,348**	**57,913**
Commercial banks, total	35,585	43,186	44,917	46,100	47,914	49,602	51,588	53,649	55,749	54,829
Member, Federal Reserve System	21,989	25,779	26,526	27,154	27,904	28,456	29,163	29,985	31,414	30,921
National banks	17,191	20,498	21,073	21,459	22,294	22,731	23,307	24,217	25,221	24,867
State banks	4,798	5,281	5,453	5,695	5,610	5,725	5,856	5,768	6,193	6,054
Nonmember banks	13,596	17,407	18,391	18,946	20,010	21,146	22,425	23,664	24,335	23,908
Insured	13,332	17,080	18,043	18,578	19,619	20,730	21,993	23,186	23,788	23,314
Noninsured	264	327	348	368	391	416	432	478	547	594
Mutual savings banks, total	1,581	2,122	2,322	2,553	2,781	3,006	3,338	3,583	3,599	3,084
Insured	1,223	1,707	1,897	2,125	2,302	2,517	2,840	3,068	3,217	2,733
Noninsured	358	415	425	428	479	489	498	517	382	351

Source: U.S. Federal Deposit Insurance Corporation, *Annual Report.*

No. 838. Changes in Number of Operating Banking Offices: 1970 to 1982

[As of **December 31.** Includes Puerto Rico and outlying areas. Minus sign (−) indicates decrease]

TYPE OF CHANGE	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Banking offices [1]	**37,166**	**45,308**	**47,239**	**48,653**	**50,695**	**52,608**	**54,926**	**57,232**	**59,348**	**57,913**
Number of banks	14,199	14,961	15,130	15,170	15,207	15,206	15,201	15,330	15,355	15,412
Number of branches [1]	22,967	30,347	32,109	33,483	35,488	37,402	39,725	41,902	43,993	42,501
Net change during year	**1,564**	**2,422**	**1,931**	**1,414**	**2,041**	**1,909**	**2,318**	**2,306**	**2,116**	**−1,435**
Offices opened	1,864	2,730	2,224	1,819	2,524	2,426	2,891	2,800	2,901	2,387
Banks	186	408	277	193	206	184	239	271	265	379
Branches	1,678	2,322	1,947	1,626	2,318	2,242	2,652	2,529	2,636	2,008
Offices closed	280	308	293	405	483	517	573	494	785	3,822
Banks	165	123	108	153	169	185	244	142	240	322
Branches	115	185	185	252	314	332	329	352	545	[2] 3,500

[1] See headnote, table 837. [2] Includes 3,000 automatic teller machines that were previously reported as branches.

Source: U.S. Federal Deposit Insurance Corporation, *Annual Report.*

No. 839. Changes in Commercial Banking Structure: 1953 to 1982

[Minus sign (−) indicates decrease]

CHANGE	1953–1982	1969 and 1970	1971 and 1972	1973 and 1974	1975 and 1976	1977 and 1978	1979 and 1980	1981 and 1982
All commercial banks:								
Number of banks, beginning of period	14,074	13,678	13,686	13,927	14,458	14,671	14,711	14,836
New banks organized	5,780	319	472	752	464	380	500	643
Mergers and absorptions	−4,629	−297	−218	−214	−234	−330	−306	−505
Voluntary liquidations, suspensions	−265	−14	−13	−7	−17	−10	−69	−14
Number of banks, end of period	14,960	13,686	13,927	14,458	14,671	14,711	14,836	14,960
Net change in banks	886	8	241	531	213	40	125	124
Number of branches, end of period	39,532	21,644	24,611	28,432	31,119	34,579	38,492	39,532
Net change in branches	34,006	2,631	2,967	3,821	2,687	3,460	3,913	1,040

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly; *Annual Statistical Digest;* and unpublished data.

No. 840. Banks Closed Due to Financial Difficulties: 1941 to 1982

[Prior to 1959, excludes Alaska and Hawaii. Banks are closed either permanently or temporarily by order of supervisory authorities or by directors of banks. See *Historical Statistics, Colonial Times to 1970,* series X 741, 748, 756, and 761]

ITEM	Unit	1941–1950	1951–1960	1961–1970	1971–1980	1977	1978	1979	1980	1981	1982
Total banks	Number	73	43	63	83	6	7	10	10	10	42
Insured	Number	61	28	50	79	6	7	10	10	10	42
Noninsured	Number	12	15	13	4	-	-	-	-	-	-
Deposits	$1,000	102,618	114,972	342,360	5,371,655	205,208	854,154	110,696	216,300	3,825,944	9,908,379
Insured	$1,000	99,276	104,610	334,570	5,290,491	205,208	854,154	110,696	216,300	3,825,944	9,908,379
Noninsured	$1,000	3,342	10,362	7,790	81,164	-	-	-	-	-	-

- Represents zero.

Source: U.S. Federal Deposit Insurance Corporation, *Annual Report.*

NO. 841. COMMERCIAL BANKS—ASSETS AND LIABILITIES: 1970 TO 1982

[**In billions of dollars, except number of banks.** As of **Dec. 31.** Includes noninsured nondeposit trust companies. Includes outlying areas. Beginning 1980, excludes American branches of foreign banks. See *Historical Statistics, Colonial Times to 1970*, series X 586-609, for related data]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Number of banks	13,705	14,488	14,657	14,698	14,738	14,741	14,738	14,704	14,718	14,763
Assets	**581.5**	**927.5**	**974.7**	**1,040.1**	**1,176.6**	**1,329.0**	**1,437.7**	**1,543.5**	**1,692.3**	**1,878.3**
Securities, total [1]	148.5	195.9	230.8	253.2	261.0	272.0	287.8	326.0	342.4	375.4
U.S. Treasury	59.3	52.3	81.6	98.0	97.0	90.6	88.8	104.5	103.5	118.7
Obligations of States and subdivisions	67.9	97.6	101.6	103.3	113.7	124.6	133.3	146.5	151.4	154.9
Federal funds sold and securities purchased [2]	16.3	40.1	39.3	48.5	54.2	55.0	63.5	71.4	91.2	103.6
Loans, gross	300.4	514.2	512.5	552.1	632.3	737.6	813.8	841.8	932.5	1,033.4
Commercial and industrial loans	113.4	188.6	181.0	185.1	207.3	236.9	265.8	283.3	329.7	382.7
Real estate loans	73.3	132.1	136.5	151.2	179.0	214.0	245.2	263.6	284.0	300.3
Construction and land development	(3)	(3)	(3)	17.3	21.4	27.3	32.9	36.8	45.1	52.4
Secured by farmland	4.4	6.0	6.4	6.7	7.8	8.5	8.6	8.7	8.4	8.4
Secured by residential properties	45.6	82.4	83.1	85.9	101.9	124.4	143.9	154.1	163.1	167.2
Secured by other properties	23.3	43.7	46.9	41.3	47.9	53.8	59.7	63.9	67.4	72.3
Loans to financial institutions [4]	18.6	47.7	42.5	42.7	43.9	55.5	48.9	46.7	57.1	73.8
Securities loans (dealers and other)	9.8	9.2	11.1	15.4	17.4	14.9	13.6	12.5	15.3	13.7
Loans to farmers (excl. real estate)	11.2	18.2	20.2	23.2	25.7	28.3	31.1	31.6	33.0	36.2
Other loans to individuals	66.3	104.0	107.6	119.3	141.5	167.9	187.9	181.7	186.8	193.0
All other loans (incl. overdrafts)	7.7	14.3	13.6	15.1	17.5	20.1	21.3	22.1	26.6	33.7
Net loans	(X)	(X)	(X)	533.2	610.5	711.9	784.6	812.2	902.0	1,001.8
Cash, balances with banks, etc.	94.0	128.8	134.5	136.8	170.1	188.5	198.9	202.3	197.3	211.2
Other	22.4	48.4	57.7	68.4	80.9	101.4	102.6	131.7	159.4	186.3
Liabilities and equity capital	**[1] 581.5**	**[1] 927.5**	**[1] 974.7**	**1,040.1**	**1,176.6**	**1,329.0**	**1,437.7**	**1,543.5**	**1,692.3**	**1,878.3**
Deposits	485.5	753.6	792.9	845.1	947.1	1,043.3	1,108.7	1,194.0	1,277.8	1,406.1
Demand	249.0	317.5	325.5	338.7	384.9	408.5	435.0	433.1	385.5	372.2
Time and savings	236.5	436.1	467.4	506.4	562.2	634.7	673.7	760.9	892.3	1,034.0
Business and personal	397.3	608.9	652.9	704.8	788.3	875.0	940.8	1,029.2	1,126.1	1,236.3
Government	49.7	74.6	71.1	72.3	85.1	88.8	87.2	84.8	86.1	90.5
Domestic interbank	29.2	46.0	45.3	45.6	60.4	67.1	69.3	} 79.6	65.6	79.4
Foreign government and bank	9.3	24.2	23.5	22.4	13.3	12.3	11.1			
Miscellaneous liabilities	46.5	101.2	103.3	116.7	143.4	191.2	225.2	235.6	289.6	336.1
Subordinated notes and debentures	2.2	4.4	4.6	5.3	5.8	5.9	6.0	6.3	6.3	6.9
Equity capital	41.0	59.6	64.9	73.1	80.3	88.6	97.8	108.1	118.6	129.2
Stock	11.4	14.9	15.7	16.4	17.4	18.5	20.6	22.0	23.8	25.1
Surplus	18.2	25.5	26.9	29.3	31.7	33.7	35.5	37.9	40.4	43.4
Undivided profits and reserve	11.4	19.1	22.3	27.4	31.2	36.4	41.8	48.2	54.4	60.7

X Not applicable. [1] Includes other categories not shown separately. [2] Under agreements to resell. [3] Prior to 1976, included in other categories of real estate loans. [4] Includes loans to foreign banks.

Source: U.S. Federal Deposit Insurance Corporation, *Assets and Liabilities: Commercial and Mutual Savings Banks*, semiannual; beginning 1978, *Annual Report* and unpublished data.

NO. 842. COMMERCIAL BANKS—SUMMARY, BY CLASS OF BANK: 1970 TO 1981

[As of **Dec. 31.** Member, nonmember refers to Federal Reserve System. See *Historical Statistics, Colonial Times to 1970*, series X 717-721, for related data on banking offices]

ITEM	Total	National	State member	NONMEMBER	
				Insured	Noninsured
Number of banks:					
1970	13,687	4,621	1,147	7,735	184
1975	14,632	4,744	1,046	8,585	257
1980	14,836	4,425	997	9,000	414
1981	14,882	4,454	1,020	8,927	481
1982	14,963	4,579	1,040	8,818	526
Banking offices:					
1970	35,330	17,157	4,802	13,139	232
1975	44,599	21,022	5,451	17,819	307
1980	53,189	24,045	5,756	22,923	465
1981	55,287	25,052	6,183	23,512	540
1982	54,444	24,741	6,013	23,106	584
Gross loans (bil. dol.):					
1970	303.0	178.0	64.7	52.6	7.6
1975	546.5	315.7	100.8	118.6	11.3
1980 [1]	835.2	480.9	135.3	218.0	1.0
1981 [1]	926.7	533.6	157.1	235.1	.9
1982 [1]	1,026.0	598.2	177.6	249.7	.5

ITEM	Total	National	State member	NONMEMBER	
				Insured	Noninsured
Assets (bil. dol.):					
1970	577.0	340.8	125.5	106.5	4.4
1975	965.2	553.3	180.5	210.9	20.5
1980 [1]	1,530.0	869.6	267.2	389.9	3.4
1981 [1]	1,678.8	960.0	288.1	427.7	3.0
1982 [1]	1,863.3	1,070.0	328.8	462.4	2.1
Demand deposits (bil. dol.):					
1970	247.9	145.1	58.5	42.5	1.7
1975	323.6	183.9	67.7	68.1	3.9
1980 [1]	430.7	237.6	90.0	102.6	.4
1981 [1]	384.0	217.7	73.6	91.8	.9
1982 [1]	370.2	210.8	70.9	88.1	.4
Time and savings deposits (bil. dol.):					
1970	233.9	136.5	42.9	51.5	.8
1975	462.9	263.7	75.7	115.9	7.7
1980 [1]	752.7	414.2	101.1	236.5	.8
1981 [1]	882.7	487.3	119.8	274.8	.8
1982 [1]	1,023.7	568.3	144.6	310.4	.4

[1] Excludes branches of foreign banks.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

NO. 843. INSURED COMMERCIAL BANKS—ASSETS AND LIABILITIES, STATES AND OTHER AREAS: 1982

[In millions of dollars, except number of banks. As of December 31. Excludes foreign branches of U.S. banks]

STATE OR OTHER AREA	Number of banks	Total assets	SELECTED ASSETS					SELECTED LIABILITIES			
			Total securities	Gross loans and Federal funds sold	Gross loans			Equity capital	Deposits		
					Total	Commercial and industrial	Real estate		Total	Demand	Time and savings
Total	**14,452**	**1,876,159**	**374,974**	**1,136,015**	**1,032,802**	**382,481**	**300,139**	**128,902**	**1,405,237**	**371,737**	**1,033,502**
U.S	**14,436**	**1,861,196**	**373,409**	**1,128,398**	**1,025,592**	**379,581**	**298,161**	**128,415**	**1,393,695**	**369,926**	**1,023,771**
Ala	294	20,280	6,209	11,155	9,687	2,932	2,929	1,647	16,470	4,366	12,104
Alaska	14	3,373	926	1,760	1,630	579	799	305	2,670	943	1,727
Ariz	30	16,619	2,845	10,210	10,094	2,845	3,544	939	13,399	3,664	9,735
Ark	260	13,619	3,805	8,249	6,944	2,506	2,216	1,080	11,317	2,653	8,664
Calif	361	216,356	21,043	149,185	140,860	46,278	53,678	12,170	165,278	40,548	124,730
Colo	374	20,091	3,295	13,197	11,658	4,178	3,441	1,467	16,182	5,434	10,749
Conn	54	16,110	2,772	10,316	9,535	3,125	3,351	975	13,020	4,686	8,334
Del	27	7,438	1,471	4,998	4,624	1,371	1,025	794	4,966	840	4,126
D.C	17	8,526	1,751	4,958	4,503	1,517	1,721	628	6,539	2,273	4,266
Fla	477	59,373	15,638	32,950	28,136	6,782	11,409	4,063	49,160	14,256	34,904
Ga	416	29,982	7,000	17,910	15,212	4,683	4,093	2,103	23,067	7,690	15,377
Hawaii	10	6,111	1,133	3,849	3,675	1,075	1,602	391	5,445	1,405	4,040
Idaho	27	5,884	1,208	3,674	3,514	979	993	373	4,815	972	3,843
Ill	1,250	130,219	27,882	82,939	77,172	34,517	18,625	9,061	91,836	22,723	69,113
Ind	400	36,268	9,688	20,706	18,414	4,340	7,317	2,608	29,846	6,053	23,793
Iowa	643	25,468	8,164	14,203	12,142	2,625	3,234	2,023	21,473	3,864	17,609
Kans	620	19,619	5,970	11,416	9,663	2,920	2,019	1,615	16,549	3,711	12,839
Ky	342	23,445	6,533	14,023	11,554	3,088	3,895	1,873	18,899	4,749	14,150
La	278	30,829	8,636	18,096	15,930	5,763	5,072	2,426	25,872	7,316	18,556
Maine	35	3,890	1,071	2,266	2,033	596	825	271	3,215	786	2,429
Md	91	19,362	4,450	10,695	9,475	2,443	4,185	1,317	14,865	4,538	10,327
Mass	136	36,234	7,325	20,651	18,630	8,337	4,709	2,240	25,562	8,779	16,783
Mich	374	56,621	11,727	32,223	29,821	9,655	11,824	3,703	46,020	8,943	37,077
Minn	759	36,769	8,548	22,178	20,435	6,984	6,077	2,537	28,005	6,785	21,220
Miss	167	13,650	4,278	7,682	6,931	1,785	2,320	1,012	11,531	2,610	8,922
Mo	732	40,975	10,270	23,942	19,330	5,989	6,238	2,882	31,475	8,945	22,530
Mont	166	6,207	1,572	3,811	3,554	1,217	874	473	5,291	1,098	4,193
Nebr	461	13,964	3,470	8,582	7,145	1,656	944	1,118	11,429	2,858	8,571
Nev	13	4,584	756	2,578	2,422	584	1,163	342	3,933	1,195	2,738
N.H	71	3,986	822	2,689	2,486	603	1,141	291	3,459	693	2,766
N.J	148	41,732	10,573	24,097	21,430	6,498	9,019	2,547	34,557	10,189	24,368
N. Mex	92	7,766	1,898	4,739	4,035	1,558	1,041	539	6,629	1,559	5,070
N.Y.[1]	205	326,416	42,011	192,603	179,422	86,754	25,727	23,946	191,626	64,582	127,044
N.C	69	29,810	7,427	17,094	14,247	5,420	4,008	1,870	21,847	5,886	15,961
N. Dak	176	5,784	1,795	3,313	2,949	862	669	459	5,040	927	4,113
Ohio	355	62,434	15,210	34,885	31,014	9,084	10,900	4,803	47,555	10,715	36,840
Okla	509	29,628	7,301	18,699	16,287	6,482	4,077	2,142	25,039	6,230	18,810
Oreg	88	14,178	2,224	8,779	8,108	2,879	2,750	905	11,492	2,545	8,947
Pa	340	98,577	24,964	53,646	49,763	17,595	15,510	6,340	73,344	16,461	56,883
R.I	15	7,757	1,087	4,840	4,686	1,535	2,009	434	5,874	1,181	4,693
S.C	78	10,267	3,058	5,655	4,646	1,242	1,280	725	8,300	2,641	5,659
S. Dak	152	8,783	1,748	6,266	6,017	770	688	742	6,703	859	5,844
Tenn	346	28,086	6,683	16,770	14,540	4,848	4,490	1,951	22,893	5,331	17,562
Tex	1,598	152,838	32,611	95,834	86,965	43,293	20,506	10,518	120,293	34,554	85,739
Utah	61	7,991	1,256	5,034	4,462	1,291	1,886	523	6,529	1,665	4,864
Vt	27	2,870	528	2,026	1,893	393	1,068	186	2,547	457	2,090
Va	202	29,834	6,384	19,004	17,435	4,593	6,412	1,991	24,344	5,827	18,517
Wash	100	24,508	3,284	16,656	15,407	6,244	4,663	1,426	19,622	4,897	14,725
W. Va	241	11,951	4,187	6,689	5,577	956	2,457	1,027	9,943	1,856	8,087
Wis	624	30,026	7,850	18,178	17,326	4,526	7,141	2,256	24,340	5,337	19,003
Wyo	111	4,108	1,074	2,503	2,175	807	599	358	3,588	852	2,736
P.R.[2]	14	13,098	1,535	6,186	5,785	2,049	1,689	477	10,695	1,647	9,048
Guam [3] and Samoa	2	1,125	13	1,032	1,026	752	44	10	163	52	111
V.I.[4]	–	740	17	399	399	99	245	–	684	112	572

– Represents zero. [1] Includes data for 17 insured branches operated by 3 State nonmember banks in Puerto Rico. [2] Includes data for 28 insured branches operated by 2 national banks in New York, a national bank in California, and a national bank in Illinois. [3] Consists of data for 18 insured branches located in Guam operated by 2 State nonmember banks in Hawaii, 1 State nonmember bank in Guam, 3 State nonmember banks and a national bank in California, 2 national banks in New York, and 1 national bank in Texas.

[4] Consists of data for 24 insured branches operated by 2 national banks in New York, a national bank in California, and a national bank in Pennsylvania, and a nonmember bank in Puerto Rico.

Source: U.S. Federal Deposit Insurance Corporation, unpublished data.

No. 844. Largest Commercial Banks—Financial Data, by Rank of Assets: 1970 to 1982

[In billions of dollars, except percent. As of December 31]

Asset group	Assets					Deposits				
	1970	1975	1980	1981	1982	1970	1975	1980	1981	1982
Total of 50 largest	**220.0**	**348.0**	**569.9**	**621.8**	**704.5**	**173.9**	**265.9**	**379.0**	**394.4**	**379.0**
Percent of all commercial banks	34.3	35.7	33.7	33.2	33.7	32.2	33.5	30.6	29.8	30.6
Lowest ten	16.4	23.0	40.5	43.6	50.5	13.5	17.8	27.8	27.4	27.8
Second ten	19.5	28.7	47.0	51.3	58.5	16.4	22.1	28.9	35.5	28.9
Third ten	24.2	34.1	58.9	67.5	75.6	20.0	25.8	40.2	40.4	40.2
Fourth ten	42.4	67.2	110.3	126.8	139.1	33.6	51.7	76.5	81.4	76.5
Highest ten	117.4	195.0	313.2	332.6	380.8	90.5	148.5	205.6	209.7	205.6
Percent of total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Lowest ten	7.4	6.6	7.1	7.0	7.1	7.7	6.7	7.3	6.9	7.3
Second ten	8.9	8.2	8.2	8.2	8.3	9.4	8.3	7.6	9.0	7.6
Third ten	11.0	9.8	10.3	10.8	10.7	11.5	9.7	10.6	10.2	10.6
Fourth ten	19.3	19.3	19.3	20.3	19.7	19.3	19.4	20.1	20.6	20.1
Highest ten	53.4	56.1	54.9	53.4	54.0	52.0	55.9	54.2	53.1	54.2

Source: U.S. Federal Deposit Insurance Corporation, unpublished data.

No. 845. Insured Commercial Banks—Selected Measures of Financial Condition: 1975 to 1982

[As of December 31]

Item	Unit	1975	1976	1977	1978	1979	1980	1981	1982
Number of banks	Number	14,467	14,494	14,439	14,372	14,364	14,435	14,415	14,452
Equity and debt capital	Bil. dol.	70.3	77.4	85.1	93.2	103.3	114.1	124.8	136.2
Equity capital to total assets	Percent	6.1	6.1	5.9	5.8	5.7	5.8	5.8	5.9
Equity capital to total deposits	Percent	8.5	7.3	7.1	7.1	7.1	7.3	7.4	7.6
Debt capital to total capital	Percent	6.3	6.7	6.9	6.6	6.1	5.7	5.2	5.7
Total capital to total assets	Percent	6.5	6.6	6.4	6.2	6.1	6.2	6.2	6.2
Total capital to total liabilities	Percent	6.9	7.0	6.8	6.6	6.5	6.6	6.6	6.6
Total capital to risk assets	Percent	9.0	9.1	8.8	8.5	8.3	8.4	8.2	8.2
Total loans, excluding Federal funds	Bil. dol.	579.4	626.9	722.4	828.5	931.2	1,002.5	912.3	1,208.1
Total loans to deposits	Percent	63.4	63.2	64.7	67.4	68.4	67.7	70.2	70.8
Net loan losses to average total loans	Percent	.61	.64	.47	.37	.34	.38	.36	.56
Aggregate net operating income [1]	Mil. dol.	7,146	7,615	8,726	10,899	13,126	14,484	15,600	15,587
Aggregate net income to average equity capital	Percent	11.3	11.0	11.5	13.1	14.3	14.1	13.8	12.1
Aggregate net income to total assets	Percent	.72	.73	.75	.82	.88	.78	.77	.72

[1] After taxes and before security transactions.

Source: U.S. Federal Deposit Insurance Corporation, *The Condition of the Financial System*, May 1980, and unpublished data.

No. 846. U.S. Banking Offices of Foreign Banks—Selected Assets and Liabilities: 1973 to 1983

[As of **December, except as indicated.** Offices include agencies, branches, subsidiary commercial banks and New York investment companies, and exclude Puerto Rican banks]

Item	Unit	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, Mar.
Assets, total	Bil. dol.	32.3	46.1	52.4	61.3	76.8	109.1	149.6	200.6	250.6	299.7	307.1
Standard banking assets	Bil. dol.	24.8	36.9	42.1	48.5	59.0	87.6	122.5	163.8	216.4	252.3	253.9
Loans, total	Bil. dol.	17.6	27.0	29.9	35.4	41.5	65.3	91.9	121.4	157.7	185.1	181.4
Business loans	Bil. dol.	12.8	18.8	19.9	19.7	22.0	32.7	48.2	59.6	73.6	82.5	80.9
Deposits, total	Bil. dol.	11.4	17.0	22.6	26.1	33.8	46.3	62.8	80.4	101.8	154.3	158.6
SHARE [1]												
Assets, total	Percent	3.8	4.9	5.3	5.8	6.4	8.0	9.9	11.9	13.5	14.4	14.7
Standard banking assets	Percent	3.2	4.3	4.7	5.1	5.6	7.3	9.1	11.0	12.9	13.5	13.6
Loans, total	Percent	3.7	5.1	5.7	6.4	6.6	8.8	10.9	13.4	15.4	16.2	16.0
Business loans	Percent	7.6	9.5	10.4	10.2	10.3	13.1	16.3	18.2	19.2	18.8	18.5
Deposits, total	Percent	1.7	2.3	2.9	3.1	3.6	4.5	5.6	6.6	7.7	10.3	10.6

[1] Percent of "domestically owned" commercial banks plus U.S. offices of foreign banks.

Source: Board of Governors of the Federal Reserve System, unpublished data.

No. 847. Bank Holding Companies—Offices, Assets, Deposits: 1970 to 1982

[As of **Dec. 31.** A "bank holding company" means any company which has control over any bank or over any company that is, or becomes, a bank holding company by virtue of the Bank Holding Company Act and its amendments. Represents domestic data only]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Number of companies	121	1,752	1,821	1,912	2,027	2,222	2,478	2,905	3,500	4,289
Banking offices	4,155	20,593	22,056	22,990	24,243	25,614	27,099	29,924	33,733	36,903
Banks	895	3,462	3,674	3,791	3,903	4,101	4,280	4,954	5,689	6,694
Branches	3,260	17,131	18,382	19,199	20,340	21,513	22,819	24,970	28,044	30,209
Assets (bil. dol.)	92.9	640.1	661.3	700.0	795.1	905.0	1,004.7	1,134.4	1,296.7	1,531.1
Percent of all commercial banks	16.1	69.6	68.5	67.9	68.2	68.7	70.6	74.1	77.3	82.2
Deposits (bil. dol.)	78.1	509.7	527.5	553.6	624.3	691.1	744.7	840.6	938.7	1,108.5

Source: Board of Governors of the Federal Reserve System, *Banking and Monetary Statistics, 1941–1970; Annual Statistical Digest;* and unpublished data.

No. 848. Mutual Savings Banks—Assets and Liabilities: 1970 to 1982

[**In billions of dollars, except number of banks.** As of **Dec. 31.** Includes Puerto Rico through 1975. Excludes federally chartered mutual savings banks which were first allowed in 1979. See *Historical Statistics, Colonial Times to 1970,* series X 687-688 and X 821-833, for related data]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Number of banks	494	480	476	473	467	465	463	460	442	386
Assets [1]	**79.2**	**109.5**	**121.1**	**134.8**	**147.3**	**158.2**	**157.9**	**166.6**	**164.7**	**163.1**
Loans and discounts, gross	60.4	78.7	81.3	86.8	94.4	102.4	102.5	106.6	104.5	101.8
Real estate loans	57.9	74.9	77.2	81.6	88.2	95.2	96.2	98.1	95.0	89.5
Securities	16.2	26.0	34.2	42.0	46.6	47.8	46.1	48.0	46.0	44.8
U.S. Government	5.0	6.8	10.8	14.8	17.4	18.0	18.6	21.1	21.2	21.4
Other securities	11.2	19.1	23.4	27.2	29.1	29.8	27.5	26.9	24.8	23.4
Liabilities and surplus	**79.2**	**109.5**	**121.1**	**134.8**	**147.3**	**158.2**	**157.9**	**166.6**	**164.7**	**163.1**
Deposits	72.1	99.4	110.6	123.7	134.9	143.7	142.0	149.9	146.6	146.5
Miscellaneous liabilities	1.2	2.2	2.1	2.1	2.4	3.6	5.2	6.1	9.1	8.0
Surplus accounts	5.9	8.0	8.4	9.1	10.0	10.9	10.7	10.6	9.0	8.6

[1] Includes assets not shown separately.

Source: U.S. Federal Deposit Insurance Corporation, *Annual Report.*

No. 849. Savings and Loan Associations (FSLIC-Insured)—Selected Financial Items and Ratios of Condition: 1970 to 1982

[As of **Dec. 31** for assets, liabilities and net worth; calendar year for other items. FSLIC-Federal Savings and Loan Insurance Corporation. FSLIC-insured savings and loan association represent approximately 98 percent of the resources of all operating savings and loan associations. Minus sign (−) indicates either loss or outflow]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982
Assets	Bil. dol.	170.5	329.0	381.7	447.9	510.8	566.7	615.3	651.0	686.2
Mortgage loans outstanding	Bil. dol.	146.1	271.3	315.3	372.4	423.5	466.5	492.7	509.4	470.5
Liabilities	Bil. dol.	158.7	309.9	360.4	423.4	482.6	535.1	582.9	623.2	660.9
Net worth	Bil. dol.	11.9	19.1	21.3	24.4	28.1	31.6	32.4	27.8	25.3
Gross operating income	Bil. dol.	10.7	23.7	28.2	33.9	40.6	48.6	56.1	65.2	71.5
Operating expense	Bil. dol.	1.9	3.9	4.6	5.3	6.2	7.1	7.9	9.0	10.1
Cost of funds	Bil. dol.	6.1	17.6	20.5	24.1	28.7	36.4	47.4	63.3	70.3
Net income before taxes	Bil. dol.	1.2	2.1	3.2	4.6	5.7	5.2	1.2	−6.2	−5.9
Net income after taxes	Bil. dol.	.9	1.4	2.2	3.2	3.9	3.6	.8	−4.6	−4.3
Gross savings receipts	Bil. dol.	62.0	151.1	180.8	214.5	266.4	354.5	454.5	520.8	634.5
New savings received	Bil. dol.	56.5	138.4	165.4	196.3	245.7	330.6	424.2	482.0	603.7
Interest/dividends credited	Bil. dol.	5.5	12.8	15.4	18.2	20.7	23.9	30.3	38.8	30.8
Savings withdrawals	Bil. dol.	51.2	109.1	131.1	164.3	222.2	315.6	413.5	507.4	597.3
Net savings inflow	Bil. dol.	10.8	42.1	49.7	50.2	44.2	38.9	41.0	13.4	37.3
Net new savings received	Bil. dol.	5.3	29.3	34.4	32.0	23.5	15.0	10.7	−25.4	6.4
Mortgage loans closed	Bil. dol.	20.8	53.8	77.1	105.3	108.3	98.7	71.3	52.3	53.4
Average cost of funds	Percent	5.30	6.32	6.38	6.44	6.67	7.47	8.94	10.92	11.38
Average effective dividend rate paid	Percent	5.14	6.21	6.31	6.39	6.56	7.29	8.78	10.71	11.19
Average interest return on mortgages	Percent	6.56	7.66	7.95	8.21	8.47	8.89	9.31	9.87	10.68
Net income after taxes to average assets	Percent	.57	.47	.63	.77	.82	.67	.13	−.73	−.65

Source: U.S. Federal Home Loan Bank Board, *Combined Financial Statements,* annual; *Savings and Home Financing Source Book,* annual; and *Federal Home Loan Bank Board Journal,* monthly.

NO. 850. SAVINGS AND LOAN ASSOCIATIONS—FINANCIAL ITEMS: 1970 TO 1982

[**In billions of dollars, except number of associations.** As of **December 31**, except as indicated. Includes Puerto Rico and Guam. See headnote, table 851. Excludes associations which have either liquidated or converted to banks; for details, see source. Minus sign (−) indicates outflow. See also *Historical Statistics, Colonial Times to 1970*, series X 834–844]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Number of associations	5,669	5,170	5,086	4,931	4,821	4,761	4,725	4,684	4,613	4,292	3,833
Number insured	4,365	4,163	4,141	4,078	4,044	4,065	4,053	4,039	4,002	3,779	3,343
Total assets	**176.2**	**271.9**	**295.5**	**338.2**	**391.9**	**459.2**	**523.6**	**579.0**	**629.8**	**664.2**	**706.0**
Cash and investment securities	16.5	21.1	23.3	30.9	35.7	39.2	44.9	46.3	57.6	63.1	84.8
Mortgage loans outstanding [1]	150.3	231.7	249.3	278.6	323.0	381.2	432.9	475.7	502.8	518.5	482.2
Other assets	9.3	19.1	22.9	28.7	33.2	38.9	45.9	56.9	69.4	82.6	139.0
Total liabilities	***163.8***	***254.8***	***277.1***	***318.5***	***369.9***	***434.0***	***494.8***	***546.3***	***596.4***	***635.8***	***679.8***
Savings capital	146.4	227.0	243.0	285.7	335.9	386.8	431.0	470.0	511.0	525.1	566.2
Other	17.4	27.9	34.1	32.7	34.0	47.2	63.6	76.3	85.4	110.7	113.6
Net worth [2]	12.4	17.1	18.4	19.8	22.0	25.2	29.0	32.6	33.4	28.4	26.2
Mortgage loans made during year [1 3 4]	**21.4**	**49.4**	**39.0**	**55.0**	**78.8**	**107.4**	**110.3**	**100.5**	**72.5**	**53.3**	**54.3**
Home construction [4]	4.2	8.4	6.5	8.7	13.0	18.2	20.1	18.6	13.5	10.3	9.1
Home purchase [4]	10.2	28.2	22.6	30.7	45.7	62.5	65.6	60.7	41.9	27.5	20.5
Net new savings [5]	5.3	10.5	4.7	29.3	34.4	32.0	23.5	15.0	10.7	−25.4	−6.4

[1] Includes real estate sold on contract. [2] Includes permanent stock. [3] Includes loans not shown separately. [4] Covers only 1–4 unit residential structures. [5] Insured associations only.

Source: U.S. Federal Home Loan Bank Board, *Savings and Home Financing Source Book*, annual.

NO. 851. SAVINGS AND LOAN ASSOCIATIONS—SELECTED FINANCIAL ITEMS, STATES AND OTHER AREAS: 1981

[**In millions of dollars, except number of associations.** As of **December 31.** Major balance sheet items for all operating and insured associations not identical with those shown in table 850, primarily because some State-chartered associations submit their reports on dates other than Dec. 31]

REGION, DIVISION, AND STATE	Number of associations	Total assets	Mortgage loans outstanding	Savings capital
Total	**4,292**	**664,123**	**518,864**	**523,577**
U.S	**4,278**	**661,247**	**517,202**	**521,642**
Regions:				
Northeast	849	96,795	67,396	79,410
North Central	1,376	183,369	146,074	151,160
South	1,631	197,877	159,358	161,314
West	422	183,206	144,374	129,758
N. Eng	**233**	**16,255**	**12,330**	**14,039**
Maine	20	693	551	584
N.H	15	1,196	964	1,047
Vt	5	259	207	216
Mass	149	8,636	6,357	7,373
R.I	5	792	657	668
Conn	39	4,679	3,594	4,151
Mid. Atl	**616**	**80,540**	**55,066**	**65,371**
N.Y	105	26,883	16,727	21,503
N.J	192	27,581	17,578	22,455
Pa	319	26,076	20,761	21,413
E. No. Cent	**1,010**	**131,915**	**105,139**	**110,048**
Ohio	361	41,941	33,442	34,540
Ind	143	10,565	8,514	9,131
Ill	343	47,747	37,028	39,547
Mich	59	18,718	15,594	15,934
Wis	104	12,944	10,561	10,896
W. No. Cent	**366**	**51,454**	**40,935**	**41,112**
Minn	53	10,741	8,355	8,313
Iowa	70	7,360	5,970	6,091
Mo	104	16,389	12,705	13,376
N. Dak	11	2,530	2,004	1,984
S. Dak	18	1,148	873	1,008
Nebr	33	5,626	4,644	4,278
Kans	77	7,660	6,384	6,062
So. Atl	**772**	**116,927**	**95,586**	**95,455**
Del	16	264	228	221
So. Atl.—Con.				
Md	166	11,524	9,375	9,183
D.C	10	5,119	4,462	3,626
Va	87	10,541	8,863	8,453
W.Va	29	1,753	1,252	1,487
N.C	180	12,896	10,782	11,274
S.C	70	6,712	5,718	5,759
Ga	89	11,541	9,320	9,768
Fla	125	56,577	45,586	45,684
E. So. Cent	**290**	**22,018**	**17,598**	**18,808**
Ky	90	6,200	5,134	5,338
Tenn	92	7,692	6,248	6,462
Ala	50	5,122	4,001	4,430
Miss	58	3,004	2,215	2,578
W. So. Cent	**569**	**58,932**	**46,174**	**47,051**
Ark	70	4,704	3,476	4,003
La	*129*	*9,146*	*7,174*	*7,793*
Okla	57	6,564	5,376	5,123
Tex	313	38,518	30,148	30,132
Mt	**150**	**32,068**	**24,749**	**23,789**
Mont	14	1,176	952	1,016
Idaho	9	1,090	886	887
Wyo	12	1,058	773	901
Colo	46	10,949	8,469	7,926
N. Mex	33	2,777	2,157	2,282
Ariz	12	7,170	5,224	5,506
Utah	16	5,271	4,305	3,351
Nev	8	2,577	1,981	1,920
Pac	**272**	**151,138**	**119,625**	**105,969**
Wash	47	10,175	8,235	7,376
Oreg	26	6,680	5,335	5,027
Calif	188	130,583	103,132	91,034
Alaska	4	493	209	404
Hawaii	7	3,207	2,714	2,128
Puerto Rico	12	2,809	1,605	1,884
Guam	2	70	56	51

Source: U.S. Federal Home Loan Bank Board, *Asset and Liability Trends*, annual.

NO. 852. FEDERAL AND STATE-CHARTERED CREDIT UNIONS—SUMMARY: 1970 TO 1982

[As of **December 31.** Federal data include District of Columbia, Puerto Rico, Canal Zone, Guam, and Virgin Islands. State data include Puerto Rico. See also *Historical Statistics, Colonial Times to 1970,* series X 864-878]

YEAR	CREDIT UNIONS REPORTING [1]		MEMBERS (1,000)		ASSETS (mil. dol.)		LOANS OUTSTANDING (mil. dol.)		SAVINGS (mil. dol.)	
	Federal	State [2]	Federal	State [2]	Federal	State [2]	Federal	State [2]	Federal	State [2 3]
1970	12,977	10,679	11,966	10,853	8,861	9,089	6,969	7,137	7,629	7,857
1975	12,737	9,871	17,066	14,196	20,209	17,804	14,869	13,300	17,530	15,522
1978	12,759	9,443	23,259	17,461	34,760	27,588	27,687	22,582	29,803	23,715
1979	12,738	9,274	24,790	18,409	36,468	29,524	28,547	23,677	31,831	25,628
1980	12,440	9,025	24,519	19,235	40,092	33,143	26,350	22,633	36,263	29,480
1981	11,969	8,790	25,459	19,521	41,905	34,693	27,204	23,274	37,789	30,875
1982 [4]	11,430	8,570	26,309	20,332	49,744	39,168	28,235	23,460	45,492	35,506

[1] Represents operating credit unions. [2] No State or local credit union law in Alaska, Del., S. Dak., Wyo., and for 1970 and 1975, Hawaii and Nev. [3] Includes members' deposits. [4] State data are preliminary.

Source: National Credit Union Administration, *Annual Report of the National Credit Union Administration,* and unpublished data.

NO. 853. FINANCE COMPANIES—ASSETS AND LIABILITIES: 1970 TO 1980

[**In millions of dollars, except number of companies.** As of **June 30.** Finance companies include Morris Plan companies and companies whose largest portion of assets is in one or more of the following kinds of receivables—sales finance receivables, personal cash loans to individuals and families, short- and intermediate-term business receivables, and junior liens on real estate. For 1980 based on a stratified random sample of 469 companies.]

ITEM	1970	1975	1980	ITEM	1970	1975	1980
Number of companies	2,961	3,376	2,775	**Assets**—Con.			
Total assets, net	**60,577**	**88,716**	**175,025**	Less reserves for unearned income	5,131	7,684	21,251
Total receivables, gross	57,113	85,994	183,341	Less reserves for losses	1,123	1,623	2,981
Consumer receivables	31,773	40,814	77,260	Total receivables, net	50,859	76,687	159,108
Retail passenger car paper	9,250	9,938	27,118	Other assets	9,718	12,029	15,917
Mobile homes	2,327	3,461	4,832	**Total liabilities, capital, and surplus**	**60,577**	**88,716**	**175,025**
Retail consumer goods	7,816	12,647	22,702	Loans and notes payable to banks	7,551	8,617	15,458
Personal cash loans	12,380	14,769	22,609	Short-term	6,581	7,900	7,885
Business receivables	22,999	39,286	86,067	Long-term	969	718	7,573
Wholesale paper	7,521	10,945	21,741	Commercial paper	22,073	25,905	52,328
Retail paper	6,563	11,067	26,318	Other short-term debt	5,092	7,408	10,627
Lease paper	3,802	8,065	23,261	Other long-term debt	15,501	29,013	52,898
Other business credit	5,113	9,208	14,747	Other liabilities	424	3,823	18,363
Real estate loans	(NA)	1,946	11,831	Capital, surplus, undivided profits	9,947	13,951	25,350
Other receivables	2,342	3,948	8,183				

NA Not available.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* November 1972, March 1976 and May 1981 issues.

NO. 854. SELECTED FEDERAL CREDIT AGENCIES—BALANCE SHEET ITEMS: 1970 TO 1982

[**In billions of dollars.** As of **Dec. 31.** Excludes capital accounts except for stock of home loan banks. Bonds, debentures, and notes valued at par; include only publicly offered securities and are not guaranteed by U.S. Government. Loans are gross of valuation reserves and represent cost for FNMA and unpaid principal for other agencies. See *Historical Statistics, Colonial Times to 1970,* series N 300, for FHLB advances]

AGENCY AND ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Federal home loan banks (FHLB):										
Assets: Advances to members	10.6	21.8	17.8	15.9	20.2	32.7	41.8	49.0	65.2	66.0
Investments	3.9	3.1	4.4	6.1	3.7	3.4	3.7	4.3	8.2	12.6
Liabilities: Bonds and notes	10.2	21.9	16.9	16.8	18.3	27.6	33.3	41.0	57.6	58.9
Deposits and borrowings	2.3	2.5	2.7	4.0	4.3	6.2	9.4	10.1	12.2	15.2
Capital stock	1.6	2.6	2.7	2.9	3.3	4.1	5.1	5.2	5.8	6.3
FNMA: [1]										
Assets: Mortgage loans	15.5	29.6	31.8	32.9	34.4	43.2	50.8	57.3	59.8	69.7
Liabilities: Debentures and notes	15.2	28.2	30.0	30.6	31.9	41.1	48.5	55.2	58.7	70.1
Banks for cooperatives:										
Assets: Loans to cooperatives	2.0	3.6	4.0	4.4	5.7	6.1	8.1	9.8	9.5	9.4
Liabilities: Debentures	1.8	3.6	3.7	4.3	4.4	4.8	.6	.6	.2	.2
Federal intermediate credit banks:										
Assets: Loans and discounts	5.0	8.8	10.0	11.3	12.8	15.7	17.5	19.4	21.2	21.8
Liabilities: Debentures	4.8	8.6	9.3	10.5	11.2	11.5	2.7	1.8	1.4	.9
Federal land banks:										
Assets: Loans	7.2	13.6	16.6	19.1	22.8	25.6	32.3	39.1	48.0	54.0
Liabilities: Bonds	6.4	12.7	15.0	17.1	19.1	20.4	16.0	12.4	9.7	6.8
Farm credit banks: [2]										
Consolidated notes and bonds	(X)	(X)	(X)	(X)	2.5	5.1	33.2	46.2	60.0	65.0

X Not applicable. [1] Secondary market operations of Federal National Mortgage Association. [2] Began issuance in Sept. 1977; in 1979, issuance on a regular basis replacing financing activities of Federal land banks, Federal intermediate credit banks, and banks for cooperatives.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly.

No. 855. Foreign Lending by Large U.S. Banks, by Country, Type of Borrower, and Maturity: 1982

[In millions of dollars. As of December. Covers 171 banks which do nearly all of the foreign lending in the country. Data represent claims on foreign residents and institutions held at all domestic and foreign offices of covered banks]

COUNTRY	Total claims [1]	Bank borrowers	Public borrowers	Maturity, one year or less	COUNTRY	Total claims [1]	Bank borrowers	Public borrowers	Maturity, one year or less
Total [2]	**353,298**	**187,817**	**64,848**	**251,856**	Israel	2,252	1,710	218	1,779
Algeria	1,236	240	768	512	Italy	8,522	4,302	1,997	5,451
Argentina	8,231	2,221	3,068	5,962	Japan	20,875	12,573	109	16,931
Australia	4,607	624	350	2,105	Korea, Rep. of	11,035	6,617	1,701	8,301
Austria	1,905	1,511	246	1,558	Kuwait	1,377	817	–	1,290
Bahamas	7,524	7,147	76	7,058	Liberia	1,961	13	64	551
Bahrain	2,425	2,368	12	45	Mexico	24,377	4,001	9,697	13,445
Belgium-Luxembourg	12,173	9,978	1,283	10,905	Morocco	757	308	369	398
Bolivia	377	43	248	165	Netherlands	1,117	386	28	653
Brazil	20,438	8,662	7,296	8,772	Nicaragua	404	26	355	56
British West Indies	8,520	8,102	175	8,168	Nigeria	1,854	746	898	1,052
Bulgaria	192	76	112	95	Norway	3,433	644	267	1,419
Canada	12,922	8,484	562	10,185	Panama	5,609	3,903	386	4,511
Chile	6,081	3,269	1,077	2,909	Peru	2,541	1,154	916	1,749
China:					Philippines	5,746	1,565	2,445	3,871
Mainland	257	95	85	188	Poland	1,513	807	677	637
Taiwan	4,763	1,364	1,870	2,706	Portugal	1,552	768	544	786
Colombia	3,196	1,195	1,011	2,036	Saudi Arabia	1,793	363	55	1,366
Denmark	2,745	696	798	1,154	Singapore	8,005	6,996	58	7,579
Ecuador	2,029	587	757	1,428	South Africa	3,677	2,319	286	3,091
Egypt	1,174	591	318	1,038	Soviet Union	229	120	105	119
Finland	2,371	1,338	485	1,572	Spain	6,807	2,973	1,410	3,840
France	14,781	11,156	1,828	11,828	Sweden	5,428	3,059	1,192	3,594
German Dem. Rep	633	428	173	373	Switzerland	3,820	2,208	134	3,461
Germany, Fed. Rep	6,736	1,742	518	5,479	Thailand	1,758	776	360	1,338
Greece	2,707	253	848	1,082	Turkey	1,474	269	1,128	304
Hong Kong	7,917	4,325	248	6,216	Un. Arab Emirates	1,358	832	305	1,108
Hungary	937	147	785	262	United Kingdom	51,011	39,675	912	44,741
Indonesia	2,969	386	906	1,685	Venezuela	11,575	2,871	4,842	8,402
Iran	496	193	177	474	Yugoslavia	2,320	1,627	394	698
Ireland	1,262	528	474	718	Zaire	143	2	140	44

– Represents zeros. [1] Includes nonbank private borrowers and maturity over one year, not shown separately.
[2] Includes countries not shown separately.

Source: Board of Governors of the Federal Reserve System, Federal Financial Institutions Examination Council, statistical release.

No. 856. Holdings of Construction, Long-Term Mortgage, and Land Loans, by Type of Loan, 1970 to 1982, and by Lender, 1982

[In billions of dollars. As of end of year]

TYPE OF LOAN	1970	1975	1979	1980	1981	1982						
							Lender					
						Total [1]	Savings and loan assn.	Commercial banks	Mutual savings banks	Life insurance companies	Federal credit agencies	Mortgage pools
Mortgage credits, total	**422**	**731**	**1,212**	**1,318**	**1,399**	**1,462**	**492**	**299**	**97**	**139**	**156**	**201**
Construction loans	18	41	59	63	68	78	23	45	2	1	3	–
1-4 unit family homes	5	13	27	26	26	26	13	12	1	–	–	–
Multifamily residential	6	12	13	14	15	17	3	8	1	–	3	–
Nonresidential	7	17	20	22	28	36	7	25	1	1	–	–
Farm properties	(z)	–	–	–	–	–	–	–	–	–	–	–
Long-term mortgage loans	400	679	1,141	1,242	1,319	1,368	463	247	95	137	153	201
1-4 unit family homes	267	435	786	857	909	940	389	159	67	16	79	188
FHA insured	62	68	95	105	113	119	11	4	9	4	23	59
VA guaranteed	37	57	86	91	95	98	14	3	10	2	13	54
Conventional	168	310	605	661	702	723	364	152	48	10	44	76
Multifamily	46	82	108	114	118	116	37	8	14	18	15	5
Nonresidential	66	128	189	205	218	230	36	72	15	90	7	(z)
Farm properties	20	34	58	66	74	81	(z)	8	–	13	51	7
Land loans	4	11	12	13	12	16	7	8	(z)	(z)	–	–

– Represents zero. Z Less than $500 million. [1] Includes other lenders not shown separately.

Source: U.S. Dept. of Housing and Urban Development, *The Supply of Mortgage Credit, 1970–1979;* and monthly and quarterly press releases based on *Survey of Mortgage Lending Activity.*

No. 857. Mortgage Debt Outstanding and Delinquency Rate: 1970 to 1983

[**In billions of dollars, except rate.** As of **Dec. 31** except as noted. Includes Puerto Rico and Guam. See also *Historical Statistics, Colonial Times to 1970*, series N 273 and N 276]

TYPE OF PROPERTY, HOLDER, AND LOAN TYPE	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983 [1]
Mortgage debt, total	**474**	**744**	**806**	**893**	**1,023**	**1,174**	**1,338**	**1,472**	**1,583**	**1,652**	**1,680**
Residential nonfarm	358	551	596	665	769	891	1,020	1,124	1,202	1,249	1,271
1- to 4-family homes	298	451	495	561	658	771	891	987	1,065	1,112	1,133
Savings and loan assns	125	201	224	261	311	356	394	420	433	399	397
Commercial banks	42	75	77	86	105	129	150	160	170	177	179
Mutual savings banks	42	49	50	53	58	63	66	68	68	64	64
Life insurance companies	27	19	18	16	15	14	16	18	17	17	17
Federal agencies	22	33	38	36	36	44	53	61	68	78	79
Individuals and others	40	74	89	109	134	164	212	260	309	378	397
5 or more units	60	100	101	105	112	121	128	137	136	137	138
Commercial	86	147	159	171	190	211	236	256	280	296	302
Farm	30	46	51	57	64	71	83	92	102	107	107
Delinquency rate, 1- to 4-unit residential mortgage loans [2]	**3.13**	**4.23**	**4.37**	**4.58**	**4.54**	**4.57**	**4.62**	**4.96**	**5.24**	**5.52**	**5.84**
Conventional loans	1.73	2.50	2.71	2.81	2.75	2.68	2.77	3.08	3.26	3.70	4.27
VA loans	3.01	3.96	4.16	4.43	4.37	4.52	4.81	5.33	5.67	5.95	6.24
FHA	3.65	5.39	5.44	5.78	5.84	6.01	6.20	6.55	6.80	7.05	7.27

[1] End of 1st quarter. [2] Number of loans delinquent 30 days or more as percentage of mortgage loans in survey. Annual average quarterly figures.

Source: Mortgage debt, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly; and delinquency rate, Mortgage Bankers Association, Washington, D.C., *National Delinquency Survey*, quarterly.

No. 858. Mortgage Activity of Banks, Insurance Companies, and Savings and Loan Associations: 1970 to 1982

[**In billions of dollars.** Loans outstanding are as of **end of year.** Bank and savings and loan data include Puerto Rico. See *Historical Statistics, Colonial Times 1970*, series N 266–267, X 836–839, and X 911]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Commercial banks:											
Loans outstanding [1]	73.3	119.1	132.1	136.2	151.3	177.8	212.7	243.8	262.3	282.7	299.0
Nonfarm residential	45.6	74.9	82.4	82.9	94.3	111.7	136.3	158.1	170.2	181.7	185.5
FHA-insured	7.9	8.2	7.2	6.3	5.6	5.3	5.2	4.8	4.4	4.5	4.6
VA-guaranteed	2.6	3.3	3.2	3.1	3.0	3.0	2.8	2.7	2.4	2.4	2.7
Conventional	35.1	63.4	72.0	73.5	85.7	103.4	128.3	150.6	163.3	174.7	178.2
Other nonfarm	23.3	38.7	43.7	46.9	50.3	58.3	68.0	77.1	83.5	92.7	105.1
Farm	4.4	5.4	6.0	6.4	6.7	7.8	8.5	8.6	8.5	8.3	8.4
Mutual savings banks:											
Loans acquired	6.1	13.0	8.6	8.9	12.1	15.3	15.5	14.0	8.2	5.6	7.0
Loans outstanding [2]	57.9	73.2	74.9	77.2	81.6	88.1	94.4	99.7	100.1	99.3	97.1
Nonfarm residential	49.9	61.1	62.1	63.8	67.3	72.9	78.5	83.7	83.9	83.4	81.6
FHA-insured	16.1	15.5	14.8	14.4	14.6	14.0	13.8	13.8	13.2	12.5	11.7
VA-guaranteed	12.0	12.9	12.7	12.4	12.3	12.0	11.9	11.4	10.8	10.3	9.7
Conventional	21.8	32.7	34.6	37.0	40.4	46.9	52.9	58.5	59.9	60.6	60.2
Other nonfarm	7.9	12.0	12.7	13.3	14.3	15.2	15.9	16.0	16.1	15.8	15.5
Life insurance companies:											
Loans acquired	6.6	10.7	10.5	8.8	9.0	13.3	16.9	19.6	18.3	13.0	10.0
Nonfarm	6.3	9.7	9.5	7.7	7.5	10.9	14.2	16.8	16.5	11.8	9.3
Farm	.3	1.0	1.0	1.1	1.5	2.4	2.7	2.8	1.8	1.2	.7
Loans outstanding	74.4	81.4	86.2	89.2	91.6	96.8	102.9	115.1	127.9	135.6	138.5
Nonfarm	68.7	75.4	79.9	82.4	84.1	87.9	92.4	103.0	115.0	122.5	125.7
FHA-insured	11.4	9.2	8.5	7.9	7.3	6.6	6.1	5.8	5.5	5.1	4.8
VA-guaranteed	5.4	4.4	4.2	3.9	3.8	3.3	3.2	3.0	2.8	2.6	2.5
Other	51.9	61.8	67.2	70.6	73.2	78.0	83.1	94.2	106.7	114.8	118.4
Farm	5.6	6.0	6.3	6.8	7.5	8.8	10.5	12.2	12.8	13.1	12.8
Savings and loan associations:											
Loans made [3]	25.8	60.0	47.8	62.6	90.7	123.8	128.2	116.9	86.7	63.1	61.6
Loans outstanding [4]	150.3	231.7	249.3	278.6	323.0	381.2	432.9	475.8	502.8	517.9	492.2
FHA-insured	10.2	15.1	14.5	16.5	14.7	13.9	13.2	13.0	12.8	12.0	12.1
VA-guaranteed	8.5	14.7	15.3	14.0	16.6	16.2	15.8	15.6	15.0	14.2	14.0
Conventional	131.7	202.0	219.4	248.0	291.7	351.0	403.9	447.2	475.0	491.7	466.1

[1] Includes loans held by nondeposit trust companies; excludes holdings of trust departments of commercial banks. [2] Includes a small amount of farm loans not shown separately. [3] Includes Guam. [4] Includes shares pledged against mortgage loans, junior liens and real estate sold on contract.

Source: U.S. Dept. of Housing and Urban Development, *The Supply of Mortgage Credit, 1970-1979;* and monthly and quarterly press releases based on the Survey of Mortgage Lending Activity.

No. 859. Consumer Credit: 1970 to 1983

[**In billions of dollars, except percent.** Estimated amounts of credit outstanding as of **end of year or month;** extended and *repaid, for entire year or month. See also Historical Statistics, Colonial Times to 1970,* series X 551-560]

TYPE OF CREDIT	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, May
Credit outstanding	**143.1**	**177.7**	**203.1**	**213.4**	**223.1**	**248.9**	**289.2**	**337.9**	**383.3**	**388.3**	**412.4**	**430.7**	**433.9**
Ratio to disposable personal income [1] (percent)	20.6	21.9	22.2	21.4	20.4	20.8	22.0	22.9	23.2	21.2	20.1	19.8	(NA)
Installment	105.5	133.2	155.1	164.6	172.0	193.5	230.6	273.6	312.0	313.5	331.7	344.8	347.2
Automobile paper	36.3	47.9	53.8	54.3	57.2	67.7	82.9	101.6	116.4	116.9	125.3	130.2	133.6
Revolving	5.1	9.7	11.7	13.7	15.0	17.2	39.3	48.3	57.0	58.4	62.8	67.2	63.5
Mobile home paper	2.5	9.5	13.6	14.6	14.4	14.6	15.0	15.2	16.8	17.3	18.3	19.0	19.4
All other loans	61.6	66.1	76.0	82.0	85.3	94.1	93.4	108.5	121.9	121.0	125.2	128.4	130.6
Noninstallment	37.6	44.5	48.0	48.8	51.1	55.4	58.6	64.3	71.3	74.8	80.7	85.9	86.7
Single-payment loans	19.3	25.2	27.3	26.8	27.4	28.8	32.8	35.8	40.0	42.4	44.0	47.1	47.7
Charge accounts	9.2	10.3	10.7	11.2	11.7	13.2	11.0	12.0	12.8	13.1	14.4	14.4	13.1
Service credit	9.1	9.0	10.0	10.9	12.0	13.4	14.8	16.4	18.6	19.3	22.3	24.3	25.9
Installment credit:													
Extended	115.1	152.3	173.0	172.8	180.1	210.7	257.6	297.7	324.8	306.1	334.5	344.9	(NA)
Liquidated	110.4	136.8	152.8	163.3	172.7	189.2	222.1	254.5	286.4	304.6	316.3	331.8	(NA)
Net change [2]	4.7	15.5	20.2	9.5	7.4	21.6	35.5	43.1	38.4	1.4	18.2	13.1	2.4
Ratio: Liquidations to disposable income [1 3] (percent)	15.9	16.9	16.7	16.4	15.8	15.8	16.9	17.3	17.3	16.6	15.5	15.2	(NA)
Life insurance policy loans [4]	16.1	18.0	20.2	22.9	24.5	25.8	27.6	30.1	34.8	38.9	48.7	53.0	53.8
Delinquency rate, bank installment loans [5]	2.14	2.19	2.53	3.13	2.77	2.57	2.62	2.71	2.93	2.82	2.61	2.39	(NA)

NA Not available. [1] See table 749. [2] Prior to 1983, net change equals *extensions,* seasonally adjusted less liquidations, seasonally adjusted. Beginning 1983, net change equals outstandings, seasonally adjusted less outstandings of the previous period, seasonally adjusted. [3] Seasonally adjusted. [4] Source: American Council of Life Insurance, Washington, D.C. Figures are annual statement asset values. These *loans are not included* in "Credit outstanding." [5] Number of closed end (excluding revolving credit and bank cards) loans delinquent 30 days or more as a percentage of total installment loans outstanding. Source: American Bankers Association, Washington, D.C., *Delinquency Rates on Bank Installment Loans.*

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly.

No. 860. Consumer Installment Credit Outstanding, by Holder: 1970 to 1983

[**In billions of dollars.** As of **end of year or month.** Estimated]

HOLDER	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, May
Total	**105.5**	**133.2**	**155.1**	**164.6**	**172.0**	**193.5**	**230.6**	**273.6**	**312.0**	**313.5**	**331.7**	**344.8**	**347.2**
Commercial banks	48.7	64.6	75.9	80.1	82.9	93.7	112.4	136.1	154.2	147.0	147.6	152.1	153.5
Finance companies	27.6	31.9	35.4	36.1	36.0	38.9	44.9	54.3	68.3	76.8	89.8	94.3	95.4
Credit unions	13.0	17.0	19.6	21.9	25.7	31.2	37.6	44.3	46.5	44.0	46.0	47.3	47.8
Retailers [1]	13.9	15.0	16.6	18.1	18.2	19.3	23.5	26.0	28.1	28.5	29.6	30.2	27.5
Other [2]	2.3	4.8	7.6	8.4	9.2	10.5	12.2	13.0	14.9	17.2	18.8	21.0	23.0

[1] Excludes 30-day charge credit held by retailers, oil and gas companies, and travel and entertainment companies. [2] Includes mutual savings banks, savings and loan associations, and gasoline companies.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly.

No. 861. Installment Credit—Finance Rates on Selected Types of Credit for Commercial Banks and Finance Companies: 1972 to 1983

[**Percent per year.** *Annual averages, except as indicated.* Commercial bank rates are "most common" rates for direct loans with specified maturities; finance company rates are weighted averages for purchased contracts, except personal loans]

TYPE	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, May
Commercial banks:												
New automobiles (48 months) [1]	10.05	10.21	10.97	11.36	11.07	10.92	11.02	12.02	14.30	16.54	16.83	[2] 13.90
Mobile homes (120 months) [1]	10.79	10.94	11.45	11.82	11.75	11.84	12.09	12.77	14.99	17.45	18.05	[2] 15.84
Other consumer goods (*24 months*)	12.46	12.60	12.99	13.08	13.02	12.97	13.19	13.85	15.47	18.09	18.65	[2] 16.57
Personal loans (12 months)	12.68	12.83	13.26	13.41	13.30	13.39	13.61	14.09	15.68	18.47	19.08	(NA)
Credit-card plans	17.21	17.21	17.21	17.16	17.05	16.89	17.03	17.03	17.31	17.78	18.51	[2] 18.79
Finance companies:												
New automobiles	11.90	12.08	12.61	13.12	13.17	13.14	13.14	13.48	14.84	15.91	15.78	11.94
Used automobiles	16.53	16.70	17.18	17.64	17.63	17.62	17.63	17.95	19.10	19.98	20.75	18.76
Mobile homes	12.42	12.78	13.29	13.63	13.44	13.58	13.43	13.64	15.47	16.89	18.77	(NA)
Other consumer goods	19.35	18.87	19.09	19.78	19.51	19.21	19.04	19.08	20.61	18.11	22.56	(NA)
Personal loans	21.09	20.61	20.74	20.97	21.04	20.54	20.52	20.49	21.13	21.68	23.11	(NA)

NA Not available. [1] For 1972-1982, maturities were 36 months for new car loans and 84 months for mobile home loans. [2] Data for midmonth of quarter only.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly, and *Annual Statistical Digest.*

No. 862. Money Stock and Money in Circulation: 1970 to 1982

[In billions of dollars, except as indicated. As of **Dec. 31.** See *Historical Statistics, Colonial Times to 1970,* series X 423, for money in circulation]

KIND OF MONEY	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total money stock	**68.1**	**85.9**	**93.0**	**92.1**	**100.1**	**111.9**	**124.7**	**138.5**	**154.0**	**165.5**	**175.0**
Percent gold	15.5	13.5	12.5	12.6	11.6	10.5	9.4	8.1	7.3	6.8	6.4
Bullion and coin, total	17.1	19.7	20.3	21.2	21.8	22.4	22.9	23.7	24.4	25.0	25.6
Gold [1]	10.6	11.6	11.7	11.6	11.6	11.7	11.7	11.2	11.2	11.2	11.1
Cupronickel-clad dollars	–	.3	.3	.5	.6	.6	.7	1.4	1.5	1.5	1.5
Subsidiary and minor coin	6.0	7.3	7.8	8.6	9.2	9.6	10.1	10.6	11.2	11.8	12.4
Other [2]	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
Paper currency, net	61.5	77.7	84.3	82.5	89.9	101.1	113.4	125.9	140.8	151.6	160.6
Federal Reserve notes and bank notes	53.8	68.2	75.2	81.9	89.4	100.6	112.9	125.4	140.3	151.1	160.0
Gold certificates, net [3]	7.1	8.9	8.6	(z)	(z)	(z)	(z)	(z)	(z)	(z)	(z)
Other	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
Money in circulation	57.1	72.5	79.7	86.5	93.7	103.8	114.6	125.6	137.2	145.6	156.2
Per capita (dol.)	276	343	375	403	433	477	522	566	600	630	670

– Represents zero. Z Less than $50 million. [1] Valued at $35 per fine ounce until May 7, 1972; valued at $38 per fine ounce until October 18, 1973; $42 thereafter. Excludes gold deposited with U.S. by International Monetary Fund from September 1965 to February 1972. [2] Includes standard silver dollars. [3] Includes gold certificates outside Treasury, credits payable in gold certificates, and redemption fund for Federal Reserve notes. Beginning 1975, not comparable with earlier years because of decision by Federal Reserve Banks to pledge substantially all gold certificates against Federal Reserve notes outstanding.

Source: U.S. Dept. of the Treasury, 1970-1980, *Statistical Appendix to the Annual Report of the Secretary of the Treasury on the State of the Finances;* thereafter, *Monthly Statement of United States Currency and Coin,* Form 1028; and unpublished data.

No. 863. Money in Circulation, by Denomination: 1970 to 1982

[In millions of dollars. As of **December 31]**

DENOMINATION	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total [1]	**57,093**	**72,497**	**79,743**	**86,547**	**93,717**	**103,011**	**114,645**	**125,600**	**137,244**	**145,566**	**156,159**
Coin and small currency	**39,639**	**48,288**	**51,606**	**54,865**	**57,645**	**62,543**	**66,693**	**70,693**	**73,893**	**76,517**	**79,632**
Coin	6,281	7,759	8,332	8,959	9,483	10,071	10,739	11,658	12,419	13,084	13,597
$1 [2]	2,310	2,639	2,720	2,809	2,858	3,038	3,194	3,308	3,499	3,613	3,682
$2	136	135	135	135	637	650	661	671	677	680	684
$5	3,161	3,614	3,718	3,841	3,905	4,190	4,393	4,549	4,635	4,797	4,810
$10	9,170	10,226	10,503	10,777	10,775	11,361	11,661	11,894	11,924	11,824	11,677
$20	18,581	23,915	26,197	28,344	29,987	33,233	36,045	38,613	40,739	42,519	45,180
Large currency	**17,454**	**24,210**	**28,137**	**31,681**	**36,072**	**41,269**	**47,952**	**54,907**	**63,352**	**69,049**	**76,527**
$50	4,896	6,514	7,444	8,157	9,026	10,079	11,279	12,585	13,731	14,889	16,785
$100	12,084	17,288	20,298	23,139	26,668	30,818	36,306	41,960	49,264	53,807	59,392
$500	215	185	179	175	172	169	167	164	163	161	159
$1,000	252	216	209	204	200	197	194	192	189	187	185
$5,000	3	2	2	2	2	2	2	2	2	2	2
$10,000	4	4	4	4	4	4	4	4	3	3	4

[1] Outside Treasury and Federal Reserve banks. [2] Paper currency only; $1 silver coins reported under coin.

Source: 1970-1973, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly; thereafter, U.S. Dept. of the Treasury, *Monthly Statement of United States Currency and Coin,* Form 1028.

No. 864. Bank Debits and Deposit Turnover: 1970 to 1983

[In trillions of dollars, except rate. Annual averages of monthly data, except as indicated]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, May [1]
Debits to demand deposits:												
All commercial banks	11.3	18.9	22.9	25.1	29.3	34.3	40.2	49.8	63.1	81.2	91.0	107.3
Major New York City banks	4.0	6.8	8.4	9.7	11.5	13.9	15.0	18.5	25.2	34.0	38.0	46.9
Other banks	7.3	12.1	14.5	15.4	17.8	20.4	25.2	31.3	37.8	47.2	53.0	60.4
Demand deposit turnover rate: [2]												
All commercial banks	63.3	84.7	98.9	105.4	117.0	128.9	138.8	163.3	202.5	286.1	325.0	370.4
Major New York City banks	170.7	273.9	320.9	357.5	413.7	502.1	542.2	643.8	814.8	1,114.2	1,295.7	1,471.5
Other banks	47.0	61.2	70.6	73.0	79.9	85.8	96.1	113.4	135.0	186.2	211.5	234.3

[1] Seasonally adjusted. [2] Computed by dividing debits during a period (converted to an annual rate) by average deposits against which debits are made; indicates number of times a deposit dollar is used during the period.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly.

No. 865. Money Stock Measures and Components: 1970 to 1983

(In billions of dollars, except percent. As of **December**, *except as indicated. Seasonally adjusted averages of daily figures. See Historical Statistics, Colonial Times to 1970,* series X 410–417 *for similar data)*

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, May
Measures: [1]												
M1	217	266	278	291	310	336	363	389	414	441	478	507
M2	628	861	909	1,023	1,164	1,287	1,389	1,498	1,630	1,795	1,960	2,098
M3	675	979	1,061	1,162	1,296	1,452	1,614	1,758	1,937	2,168	2,378	2,479
L	816	1,142	1,247	1,372	1,522	1,711	1,923	2,132	2,344	2,622	2,899	(NA)
Components:												
Currency	49	62	68	74	81	89	97	106	116	123	133	139
Demand deposits	166	203	207	214	224	240	254	262	267	236	240	243
Traveler's checks	1	2	2	2	3	3	4	4	4	5	4	5
Other checkable deposits [2]	(z)	(z)	(z)	1	3	4	8	17	27	77	101	121
Savings deposits	260	327	339	389	453	492	481	423	401	344	359	323
Small denomination time deposits [3]	154	268	290	341	397	454	534	653	752	855	860	721
Large denomination time deposits [4]	45	111	144	130	118	145	195	222	258	300	267	227
Short-term Treasury securities	49	50	54	77	81	90	99	129	157	176	218	(NA)
Savings bonds	52	60	63	67	72	76	80	80	72	68	68	(NA)
Money market mutual fund shares [2]	(z)	(z)	2	4	3	4	10	44	76	185	221	171
Commercial paper	35	42	50	48	52	63	79	97	98	104	109	(NA)
Bankers' acceptances	3	5	11	8	9	12	22	27	32	41	45	(NA)
Term repurchase agreements (RP's) [2]	2	7	8	8	14	19	27	30	34	37	40	45
Overnight repurchase agreements (RP's) [2]	1	5	6	6	11	14	19	20	25	31	41	49
Term Eurodollars [2]	2	5	8	10	13	18	29	42	48	65	80	(NA)
Overnight Eurodollars [2]	(NA)	(NA)	(NA)	(NA)	(NA)	1	2	3	5	7	6	9
Annual percent change: [5]												
M1	5.0	7.0	4.5	4.7	6.5	8.4	8.0	7.2	6.4	6.4	8.5	[6] 12.2
M2	6.5	11.1	5.6	12.5	13.8	10.6	7.9	7.8	8.8	10.1	9.2	[6] 13.3
M3	7.1	13.2	8.4	9.5	11.5	12.0	11.2	8.9	10.2	11.9	9.7	[6] 10.6
L	6.9	11.9	9.2	10.0	10.9	12.4	12.4	10.9	9.9	11.9	10.5	(NA)

NA Not available. Z Less than $500 million. [1] M1 is currency plus demand deposits plus traveler's checks of nonbank issuers plus other checkable deposits at banks and thrift institutions; M2 is M1 plus overnight RP's and Eurodollars, balances of *money market mutual fund shares, and savings and small time deposits at commercial banks and thrift institutions;* M3 is M2 plus large time deposits and term RP's at commercial banks and thrift institutions (general purpose and broker/dealer) and balance of institutions—only money market mutual funds; and L is M3 plus other liquid assets such as term Eurodollars, savings bonds, short-term Treasury securities, bankers' acceptances, and commercial paper. [2] Not seasonally adjusted. [3] Issued in amounts of *less than $100,000. Includes retail repurchase agreements.* [4] Issued in amounts of $100,000 or more and are net of holdings of domestic banks, thrift institutions, the U.S. Government, money market mutual funds, and foreign banks and official institutions. [5] From previous year shown; for 1970, from 1965. For definition of average annual percent change, see Guide to Tabular Presentation. [6] Change from May 1982–May 1983.

No. 866. Time and Savings Deposits Held by Insured Commercial Banks—Deposits and Interest Rates: 1978 to 1983

TYPE OF DEPOSITS	OUTSTANDING BALANCES (bil. dol.)						AVERAGE OF MOST COMMON RATE PAID [1] (percent)			
	1978, July	1979, July	1980, July	1981, July	1982, July	1983, Jan.	1979, July	1980, July	1981, July	1982, July
Total time and savings deposits [2]	**576.4**	**625.1**	**685.2**	**803.7**	**949.5**	**1,023.8**	**6.25**	**6.64**	(NA)	(NA)
Savings	220.6	217.5	204.1	202.0	225.9	303.4	5.15	5.19	5.21	[3] 5.23
Club accounts	2.1	2.2	2.2	2.2	[3] 3.9	(NA)	(NA)	(NA)	4.04	[3] 4.36
Fixed ceiling time deposits, less than $100,000 [4]	159.0	142.9	94.3	62.5	41.1	67.7	(NA)	(NA)	(NA)	(NA)
IRA and Keogh plan time deposits	2.8	4.5	5.3	6.7	15.4	19.8	7.86	8.43	10.31	[3] 13.14
With maturities of 3 years or more or variable ceiling rates	2.8	4.5	5.3	6.7	(NA)	(NA)	7.86	8.43	10.31	[3] 12.88
Ceiling-free IRA's with maturities of 1½ years	(NA)	(NA)	(NA)	(NA)	8.3	12.8	(NA)	(NA)	[3] 14.17	[5] 9.54
All savers certificates, tax exempt, with maturities of exactly 1 year	(NA)	(NA)	(NA)	(NA)	22.3	8.5	(NA)	(NA)	(NA)	9.85
Money market certificates, $10,000 or more with maturities of exactly 6 months [6]	5.4	64.2	147.9	217.9	234.2	203.7	9.25	8.18	15.06	12.28
Small savers certificates, less than $100,000 with maturities of 2½ years or more	(NA)	(NA)	21.7	35.9	76.7	87.5	(NA)	9.17	11.74	13.11
Interest-bearing time deposits of *$100,000 or more*	174.0	189.3	205.4	272.2	333.9	333.2	(NA)	(NA)	(NA)	(NA)
Non-interest bearing time deposits	4.3	4.5	4.3	4.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] The most common interest rate paid is based on the largest dollar volume of new deposits in the two-week period just preceding the survey date for *all deposit categories, except* money market certificates and small savers certificates, which are based on the single week ending on the survey date. [2] Includes other types of deposits not shown separately. [3] As of Jan. 1982. [4] Excludes IRA and Keogh plan accounts, all savers certificates, money market certificates, and small savers certificates. [5] As of Jan. 1983. [6] Excludes accounts held in IRA and Keogh plans.

Source of tables 865 and 866: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly.

No. 867. Money Market Interest Rates: 1970 to 1983

[**Percent per year.** Annual averages of monthly data, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series X 444-453]

TYPE	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, Jan.-May [1]
Federal funds, effective rate	7.18	8.73	10.50	5.82	5.04	5.54	7.93	11.19	13.36	16.38	12.26	8.68
Commercial paper, 3-month [2]	(NA)	8.20	10.01	6.25	5.24	5.55	7.94	10.97	12.66	15.32	11.89	8.38
Prime rate charged by banks	7.91	8.02	10.81	7.86	6.84	6.83	9.06	12.67	15.27	18.87	14.86	10.73
Eurodollar deposits, 3-month	8.52	9.24	11.04	7.03	5.58	6.03	8.78	11.96	14.00	16.79	13.12	9.12
Finance paper, 3-month [3]	7.18	7.41	8.65	6.15	5.20	5.49	7.80	10.47	11.49	14.08	11.23	8.23
Bankers acceptances, 90-day [4]	7.31	8.08	9.89	6.29	5.08	5.54	8.06	10.99	12.72	15.32	11.89	8.39
Large negotiable certificates of deposit, 3-month, secondary market	7.56	8.41	10.24	6.44	5.27	5.64	8.22	11.22	13.07	15.91	12.27	8.54
Federal Reserve discount rate [5]	5½-6	4½-7½	7½-8	6-7¾	5¼-6	5¼-6	6-9½	9½-12	10-13	12-14	8½-12	8½
U.S. Government securities: [6]												
3-month Treasury bill	6.39	7.03	7.83	5.77	4.97	5.27	7.19	10.07	11.43	14.03	10.61	8.14
6-month Treasury bill	6.48	7.20	7.94	6.09	5.25	5.53	7.58	10.06	11.37	13.80	11.07	8.21
1-year Treasury bill	6.48	7.01	7.70	6.28	5.52	5.71	7.74	9.75	10.89	13.14	11.07	8.23
Prime 1-year municipals [7]	4.35	3.95	4.75	3.91	3.12	2.91	4.15	5.34	6.25	7.92	7.88	4.85

NA Not available. [1] *Monthly average.* [2] *Averages of daily offering rates of dealers.* [3] Placed directly; averages of daily offering rates quoted by finance companies. [4] Averages of the most representative daily offering rates of dealers. Beginning Aug. 15, 1974, closing rates were used, and from Jan. 1, 1981, rates of top-rated banks only. [5] Federal Reserve Bank of New York, low and high. The discount rates for 1980 and 1981 do not include the surcharge applied to frequent borrowings by large institutions. The surcharge reached 3 percent in 1980 and 4 percent in 1981. Surcharge was eliminated in Nov. 1981. [6] Averages based on daily closing bid yields in secondary market, bank discount basis. [7] Averages based on quotations for one day each month. Source: Salomon Brothers, Inc., New York, N.Y., *An Analytical Record of Yields and Yield Spreads.*

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly, and *Annual Statistical Digest.*

No. 868. Federal Reserve Bank of New York—Discount Rates: 1973 to 1983

[**Percent per year.** See also *Historical Statistics, Colonial Times to 1970*, series X 454-455]

EFFECTIVE DATE	RATE	EFFECTIVE DATE	RATE	EFFECTIVE DATE	RATE	EFFECTIVE DATE	RATE
1973: Jan. 15	5	1976: Jan. 19	5½	1979: July 20	10	1981: [1] May 5	14
Feb. 26	5½	Nov 22	5¼	Aug. 17	10½	Nov. 2	13
May 4	5¾	1977: Aug. 31	5¾	Sept. 19	11	Dec. 4	12
May 11	6	Oct. 26	6	Oct. 8	12	1982: July 20	11½
June 11	6½	*1978: Jan. 9*	6½	1980: [1] Feb. 15	13	Aug. 2	11
July 2	7	May 11	7	May 30	12	Aug. 16	10½
Aug. 14	7½	July 3	7¼	June 13	11	Aug. 27	10
1974: Apr. 25	8	Aug. 21	7¾	July 28	10	Oct. 12	9½
Dec. 9	7¾	Sept. 22	8	Sept. 26	11	Nov. 22	9
1975: Jan. 10	7¼	Oct. 16	8½	Nov. 17	12	Dec. 15	8½
Feb. 5	6¾	Nov. 1	9½	Dec. 5	13	In effect June 30, 1983	8½
Mar. 10	6¼						
May 16	6						

[1] See table 867, footnote 5.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 869. Bank Effective Interest Rates for Commercial and Industrial Loans, Construction and Land Development Loans, and Farm Loans, by Size of Loan: 1980 to 1983

[**In percent.** Represents loans made during the first full business week in **May.** Based on a stratified random sample of member banks of the Federal Reserve System and nonmember banks, totaling approximately 349 banks]

TYPE AND SIZE OF LOAN	1980	1981	1982	1983
Commercial and industrial loans:				
Short-term	**17.75**	**19.99**	**17.11**	**10.20**
$1,000 to $24,999	17.90	19.45	16.51	14.44
$25,000 to $49,999	18.78	19.87	16.56	13.57
$50,000 to $99,999	18.95	19.10	16.06	13.40
$100,000 to $499,999	*18.49*	*19.93*	*17.77*	*12.71*
$500,000 to $999,999	19.13	19.56	17.98	11.59
$1 million and over	17.10	20.14	16.94	9.81
Long-term	**18.37**	**19.25**	**16.96**	**11.81**
$1,000 to $99,999	18.26	19.22	16.80	14.56
$100,000 to $499,999	18.64	19.34	17.59	13.86
$500,000 to $999,999	18.62	19.48	17.29	12.48
$1 million and over	18.30	19.23	16.69	10.88
Construction and land development loans	**18.32**	**19.09**	**17.80**	**12.56**
$1,000 to $24,999	17.14	19.83	19.13	14.84
$25,000 to $49,999	15.68	19.06	18.81	15.54
$50,000 to $99,999	18.69	19.10	17.97	13.45
$100,000 to $499,999	19.56	20.74	18.45	13.89
$500,000 and over	16.99	19.35	16.96	11.35
Farm loans	**17.38**	**17.88**	**17.77**	**13.85**
$1,000 to $9,999	16.46	17.50	17.69	14.44
$10,000 to $24,999	16.98	17.59	17.59	14.48
$25,000 to $49,999	17.10	17.67	17.59	14.21
$50,000 to $99,999	17.36	17.78	18.01	14.05
$100,000 to $249,999	17.40	17.97	17.76	13.99
$250,000 and over	18.14	18.46	17.91	12.30

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 870. Bond Yields, Stock Yields, and Mortgage Rates: 1970 to 1982

[**Percent per year.** Annual averages of monthly data, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series X 474-491]

TYPE	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
U.S. Treasury, constant maturities: [1]											
3-year	7.29	6.95	7.82	7.49	6.77	6.69	8.29	9.72	11.55	14.44	12.92
5-year	7.38	6.87	7.80	7.77	7.18	6.99	8.32	9.52	11.48	14.24	13.01
10-year	7.35	6.84	7.56	7.99	7.61	7.42	8.41	9.44	11.46	13.91	13.00
20-year	6.86	7.12	8.05	8.19	7.86	7.67	8.48	9.33	11.39	13.72	12.92
U.S. Govt., 3-5 year issues [2]	7.37	6.92	7.81	7.55	6.94	6.85	8.30	9.58	(NA)	(NA)	(NA)
U.S. Govt., long-term bonds [2 3]	6.58	6.30	6.98	6.98	6.78	7.06	7.89	8.74	10.81	12.87	12.23
State and local govt. bonds, Aaa [4]	6.12	4.95	5.89	6.42	5.65	5.20	5.52	5.89	7.84	10.42	10.88
State and local govt. bonds, Baa [4]	6.75	5.47	6.53	7.62	7.49	6.12	6.27	6.72	9.00	11.75	12.48
High-graded municipal bonds (Standard & Poor's) [5]	6.51	5.18	6.09	6.89	6.49	5.56	5.90	6.39	8.51	11.23	11.57
Municipal (Bond Buyer, 20 bonds)	6.35	5.19	6.17	7.05	6.64	5.68	6.03	6.52	8.59	11.33	11.66
Corporate Aaa seasoned [4]	8.04	7.44	8.57	8.83	8.43	8.02	8.73	9.63	11.94	14.17	13.79
Corporate *Baa seasoned* [4]	9.11	8.24	9.50	10.61	9.75	8.97	9.49	10.69	13.67	16.04	16.11
Corporate Aaa utility bonds [6]	8.72	7.67	9.01	9.17	8.46	8.12	8.90	9.92	12.66	15.65	14.95
Corporate, by years to maturity: [7]											
5 years	8.10	6.85	7.47	7.70	7.96	7.25	7.75	9.40	12.80	13.25	13.78
10 years	8.00	7.05	7.67	8.00	8.18	7.60	7.98	9.35	12.40	13.00	13.99
20 years	7.60	7.20	7.80	8.35	8.30	7.75	8.20	9.08	12.30	13.00	14.00
30 years	7.60	7.20	7.80	8.35	8.30	7.95	8.25	9.10	12.30	13.00	14.00
Corporate (Moody's) [4]	8.51	7.80	9.03	9.57	9.01	8.43	9.07	10.12	12.75	15.06	14.94
Industrials (40 bonds)	8.26	7.60	8.78	9.25	8.84	8.28	8.90	9.85	12.35	14.50	14.54
Railroads (15 bonds) [8]	8.77	8.12	8.98	9.39	8.85	8.13	8.64	9.60	11.48	13.22	13.68
Public utilities (40 bonds)	8.68	7.83	9.27	9.88	9.17	8.56	9.22	10.39	13.15	15.62	15.33
Stocks (Standard & Poor's): [5]											
Preferred (10 stocks) [9]	7.22	7.23	8.24	8.36	7.98	7.61	8.25	9.11	10.60	12.36	12.53
Common: Composite (500 stocks)	3.83	3.06	4.47	4.31	3.77	4.62	5.28	5.47	5.26	5.20	5.81
Industrials (400 stocks)	3.62	2.78	4.13	3.96	3.48	4.43	5.06	5.20	4.95	4.90	5.48
Home mortgages: [10]											
FHA insured, secondary market	9.03	8.19	9.55	9.19	8.82	8.68	9.70	10.87	13.44	16.29	15.31
Conventional, new-home [11]	8.52	8.30	9.22	9.10	8.99	8.95	9.68	11.15	13.95	16.52	15.79
Conventional, existing-home [11]	8.56	8.33	9.23	9.14	9.04	9.00	9.70	11.16	13.95	16.55	15.82

NA Not available. [1] Yields on the more actively traded issues adjusted to constant maturities by the U.S. Treasury, based on daily closing bid prices. [2] Unweighted averages for all outstanding notes and bonds in maturity ranges shown, based on daily closing bid prices. [3] Includes all bonds neither due nor callable in less than 10 years. [4] Source: Moody's Investors Service, New York, N.Y. [5] Source: Standard & Poor's Corp., New York, N.Y., *Standard & Poor's Outlook*, weekly. [6] Based on first trading day of each month, deferred call, new issue estimate. Source: Salomon Brothers, Inc., New York, N.Y., *An Analytical Record of Yields and Yield Spreads.* [7] Source: Scudder, Stevens & Clark, New York, N.Y., unpublished data. [8] Covers 23 bonds for period 1970-1981. [9] Yields based on 10 stocks, 4 yields. Issues converted to a price equivalent to $100 par and a 7 percent annual dividend before averaging. [10] Averages based on quotations for 1 day each month as compiled by FHA. [11] Primary market.

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 871. Sales of Stocks and Options on Registered Exchanges: 1970 to 1982

[See also *Historical Statistics, Colonial Times to 1970*, series X 517-530]

EXCHANGE	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
ALL EXCHANGES											
Market value, all sales [1]	***Bil. dol.***	**136**	**125**	**167**	**203**	**198**	**269**	**323**	**522**	**533**	**657**
Stocks: [2] Market value	Bil. dol.	131	118	157	195	187	249	300	476	491	597
Shares	Million	4,539	4,846	6,231	7,036	7,023	9,483	10,850	15,486	15,910	22,414
Options: Market value	Mil. dol	(NA)	(NA)	(NA)	11,734	10,899	19,703	22,860	45,789	41,696	53,660
Contracts	Million	(NA)	(NA)	(NA)	31	39	60	64	97	109	137
Rights and warrants:											
Market value	Mil. dol	576	394	294	256	190	345	754	567	329	424
Number of units	Million	295	104	150	90	112	82	115	99	59	78
Option exercises: Value	Mil. dol	(NA)	(NA)	(NA)	2,872	3,696	5,392	10,863	20,351	34,649	37,118
Shares	Million	(NA)	(NA)	(NA)	1	1	1	2	5	7	9
NEW YORK STOCK EXCHANGE											
Market value, all sales [1]	**Bil. dol**	**108**	**106**	**143**	**165**	**157**	**211**	**252**	**398**	**416**	**515**
Stocks: [2] Market value	Bil. dol	103	99	134	165	157	210	251	398	416	514
Shares	*Million*	3,213	3,822	5,056	5,649	5,613	7,817	8,675	12,390	12,843	18,211
Rights and warrants:											
Market value	Mil. dol	257	192	168	133	89	124	484	338	165	290
Number of units	Million	233	63	108	53	62	42	84	71	41	58
Sales by size: [3]											
At 100-900 shares	Percent	92.4	91.0	89.2	87.3	85.4	82.9	81.4	80.1	77.6	73.2
At 1,000 shares and over	Percent	7.5	9.0	10.8	12.7	14.6	17.1	18.6	19.9	22.4	26.8

NA Not available. [1] Includes bond sales through 1975, not shown separately. [2] Includes voting trust certificates, American depositary receipts, and certificates of deposit for stocks. [3] Represents sales printed on tape by size on New York Stock Exchange. Source: New York Stock Exchange, Inc., New York, N.Y., *Fact Book*, annual.

Source: Except as noted, U.S. Securities and Exchange Commission, *SEC Monthly Statistical Review.*

NO. 872. SECURITY PRICES AND VOLUME OF TRADING: 1970 TO 1982

[Annual averages of monthly figures, except as noted. See also *Historical Statistics, Colonial Times to 1970*, series X 492-498]

CLASS OR ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Bond prices (dollars per $100 bond):											
Standard & Poor's:											
Municipal [1]	72.3	85.4	76.3	68.9	72.5	81.3	77.9	73.4	57.4	43.2	41.8
Corporate AAA [1]	61.6	63.7	58.8	56.2	58.0	59.6	55.6	51.1	41.4	33.7	35.8
Stock prices:											
Standard & Poor's common index:											
(500 stocks) (1941-43=10) [2]	83.2	107.4	82.8	86.2	102.0	98.2	96.0	103.0	118.7	128.0	119.7
Industrial	91.3	120.4	92.9	96.6	114.4	108.4	106.2	114.8	134.5	144.2	133.6
N.Y. Stock Exchange common stock index (*Dec. 31, 1965=50*), composite	45.7	57.4	43.8	45.7	54.5	53.7	53.7	58.3	68.1	74.0	68.9
Industrial	48.0	63.1	48.1	50.5	60.4	57.8	56.3	64.8	78.6	85.4	78.2
Transportation	32.1	37.7	31.9	31.1	39.6	41.1	43.3	47.3	60.5	72.6	60.4
Utility	37.2	37.7	29.8	31.5	37.0	40.9	39.2	38.2	37.3	38.9	39.8
Finance	54.6	70.1	49.7	47.1	52.9	55.2	56.7	61.4	64.3	73.5	72.0
American Stock Exchange Market Value Index (Aug. 31, 1973=100)	96.63	103.80	79.97	83.06	101.63	116.18	144.37	195.53	300.94	343.58	282.62
Dow-Jones and Co. Inc., total (65 stocks) [3]	243.9	286.7	237.3	247.3	303.9	301.7	283.6	293.5	328.2	364.6	345.4
Industrial (30 stocks)	753.2	923.8	759.4	802.8	974.9	894.6	820.2	844.4	891.4	932.9	884.4
Transportation (20 stocks)	152.4	180.6	164.1	163.4	214.0	225.2	222.6	237.8	307.2	398.6	359.8
Public utility (15 stocks)	108.8	103.4	75.8	79.8	92.3	111.0	104.6	104.6	110.4	108.6	112.0
Wilshire 5000 equity index [4] (Dec. 31, *1980=1404.596*)	[5] 830.3	952.7	713.1	763.8	903.0	892.1	913.3	1,028.9	1,220.7	1,343.7	1,233.7
Standard & Poor's:											
Dividend-price ratio (percent)	3.83	3.06	4.47	4.31	3.77	4.62	5.28	5.47	5.26	5.20	5.81
Earnings-price ratio (percent)	6.45	7.12	11.60	9.14	8.90	10.79	11.96	13.46	12.66	11.87	11.77
Volume of trading:											
Value, NYSE [6] (bil. dol.)	95.3	137.3	92.1	126.7	159.8	150.2	199.9	238.2	374.9	389.2	488.4
Average daily shares:											
NYSE [6] (mil.)	11.6	16.1	12.9	18.6	21.2	20.9	28.6	32.2	44.9	46.9	65.1
ASE [7] (1,000)	3,319	3,015	1,906	2,136	2,562	2,582	3,923	4,349	6,427	5,310	5,287

[1] Derived from average yields on basis of assumed 4 percent, 20-year bond; Wednesday closing prices. [2] Effective July 1976, the index includes 400 industrial stocks (formerly 425), 20 transportation (formerly 15 rail), 40 public utility (formerly 60), and 40 financial stocks, not previously covered. [3] Source: U.S. Bureau of Economic Analysis. Based on stocks listed on the New York Stock Exchange. [4] Represents return on the market value of all common equity securities for which daily pricing is available. For 1970-1979, annual average of end of month figures; thereafter, annual average of daily figures. Source: Wilshire Financial Services, Santa Monica, California, releases. [5] Represents Dec. 31, 1970. [6] Source: New York Stock Exchange, Inc., New York, N.Y., *Fact Book*, annual. [7] Source: American Stock Exchange, New York, N.Y., *Amex Statistical Review*, annual.

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

NO. 873. NEW CORPORATE SECURITIES OFFERED FOR SALE, BY TYPE OF SECURITY AND ISSUER: 1970 TO 1982

[**In millions of dollars.** Estimated gross proceeds derived by multiplying principal amounts or number of units by offering prices. Covers substantially all new securities offered for cash sale in U.S. in amounts over $100,000 and with terms of maturity of more than 1 year. Included are some unregistered securities offered privately for sale mainly to insurance companies as well as securities registered with the *Securities and Exchange Commission* under the terms of the Securities Act of 1933. See table 466 for new issues of State and local government securities. See also *Historical Statistics, Colonial Times to 1970*, series X 499-500 and X 505-506]

SECURITY AND ISSUER	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total	37,451	31,680	37,729	52,539	52,290	51,836	46,616	53,086	78,896	73,140	83,739
Publicly offered	32,524	22,903	31,028	41,759	35,910	32,211	28,398	37,014	66,562	65,601	73,659
Bonds and notes	24,365	12,899	25,335	31,492	25,263	21,929	18,881	26,468	44,650	38,965	45,211
Preferred stock	1,310	2,398	1,745	3,088	2,353	2,421	1,759	1,955	3,194	1,633	5,050
Common stock	6,849	7,606	3,947	7,179	8,296	7,857	7,760	8,581	18,718	25,003	23,398
Privately placed	4,926	8,781	6,701	10,779	16,384	19,626	18,218	16,072	12,334	7,539	10,080
Bonds and notes	4,658	7,798	6,150	10,172	15,927	17,943	16,964	14,383	11,618	6,992	9,625
Preferred stock	80	944	511	371	451	1,495	1,077	1,562	439	155	65
Common stock	188	37	28	235	9	188	176	127	278	392	390
Issuer:											
Manufacturing	10,647	4,832	10,408	18,651	15,493	13,754	11,062	11,562	24,398	17,631	16,558
Extractive	1,812	1,060	970	1,628	1,762	2,662	3,100	3,192	4,893	9,215	7,964
Electric, gas, water	11,009	10,269	12,837	15,894	14,415	13,705	12,253	13,736	15,941	14,620	18,934
Communication	5,291	4,872	3,930	4,464	3,562	4,442	3,640	4,694	7,401	6,159	4,546
Transportation	1,253	811	1,005	2,635	3,626	1,802	1,763	3,296	3,727	2,779	2,328
Financial and real estate	5,112	8,086	6,779	6,838	10,282	11,690	10,861	12,066	15,638	17,349	26,329
Commercial and other	2,328	1,748	1,802	2,429	3,148	3,764	3,939	3,744	6,898	5,384	7,059

Source: U.S. Securities and Exchange Commission, *SEC Monthly Statistical Review*.

No. 874. Securities Listed on N.Y. Stock Exchange: 1970 to 1982

[As of December 31]

ITEM	Unit	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Bonds:												
Face value	Bil. dol.	135	142	291	334	401	497	509	526	602	681	793
Market value	Bil. dol.	113	121	255	315	402	480	465	460	508	574	766
Average price	Percent	83.60	85.16	87.68	91.89	100.39	96.52	91.37	87.36	84.41	84.24	96.67
Stocks:												
Shares	Billion	16.1	21.0	21.7	22.5	24.5	26.1	27.6	30.0	33.7	38.3	39.5
Market value	Bil. dol.	636	721	511	685	858	797	823	961	1,243	1,144	1,305
Average price	Dollars	39.61	34.39	23.51	30.48	35.03	30.53	29.84	31.99	36.87	29.87	33.03
Cash dividends on common stock	Bil. dol.	19.8	23.6	25.7	26.9	30.6	36.3	41.2	46.9	53.1	60.6	62.2
Industrial	*Bil. dol.*	*13.6*	*15.5*	*17.0*	*17.6*	*20.2*	*23.9*	*26.6*	*30.3*	*34.5*	*38.7*	*39.4*
Transportation	Bil. dol.	.5	.5	.6	.6	.6	.8	.9	1.0	1.2	1.3	1.0
Utilities	Bil. dol.	4.5	5.5	6.0	6.7	7.7	9.0	10.7	12.2	13.3	15.8	16.9
Finance	Bil. dol.	1.1	2.1	2.1	1.9	2.1	2.6	2.9	3.5	4.2	4.9	5.0

Source: New York Stock Exchange, Inc., New York, N.Y., *Fact Book*, annual.

No. 875. Stock Ownership—Characteristics of Shareowners: 1959 to 1981

[**In thousands.** Includes outlying areas, most members of the Armed Forces, citizens living abroad, and, except for income, minor children. Represents all publicly owned issues of common and preferred stocks. Based on national probability samples; see source for detailed explanation]

CHARACTERISTIC	1959	1970	1975	1980	1981
Total [1]	**12,490**	**30,850**	**25,270**	**30,200**	**32,260**
Male	5,740	15,689	12,698	15,666	17,120
Female	6,347	15,161	12,508	14,534	15,140
Age:					
Under 21 years	*197*	*2,221*	*1,818*	*2,308*	*2,321*
21–34 years	2,444	4,500	2,838	6,407	7,653
35–44 years	2,064	5,801	3,976	5,925	5,624
45–54 years	2,800	7,556	5,675	5,456	5,439
55–64 years	2,666	6,084	5,099	5,144	6,144
65 years and over	2,113	4,330	5,800	4,589	5,079
Education:					
High school: [2]					
3 years or less	2,804	3,566	1,621	1,746	1,861
4 years	3,130	8,697	6,580	5,737	6,045
College: [2]					
1–3 years	2,587	5,867	5,301	9,353	10,093
4 years or more	3,566	9,999	9,886	10,613	11,880
Minors [3]	197	2,221	1,818	2,308	2,321

CHARACTERISTIC	1959	1970	1975	1980	1981
Income: [4]					
Under $5,000	3,518	2,389	780	1,742	2,164
$5,000–$9,999	5,826	5,779	2,636		
$10,000–$14,999	1,741	8,346	4,552	3,180	2,537
$15,000–$24,999	689	7,670	8,778	6,930	6,829
$25,000–$49,999	*314*	*4,114*	*5,426*	*11,623*	*12,090*
$50,000 and over			1,216	3,982	5,457
Residence by SMSA size: [5]					
Under 100,000	(NA)	175	328	204	208
100,000–249,000	(NA)	2,245	2,059	1,883	2,278
250,000–499,999	(NA)	2,686	2,691	2,921	3,146
500,000–999,999	(NA)	3,712	3,257	4,345	4,532
1,000,000 and over	(NA)	14,881	11,893	15,447	16,788
Nonmetropolitan areas	(NA)	6,913	4,978	5,400	5,308

NA Not available. [1] Includes small number of shareowners not distributed by breakdown. [2] Persons 21 years old and over. [3] Shareowners whose stockholdings are registered in accordance with the Gifts to Minors Statutes. [4] Adult shareowners only. [5] SMSA=Standard metropolitan statistical area. For definition, see Appendix II.

Source: New York Stock Exchange, Inc., New York, N.Y., *Shareownership*, 1959, 1970, 1975, 1980, and 1981.

No. 876. Commodity Futures Trading on U.S. Exchanges—Volume of Trading: 1970 to 1982

[**In thousands.** 1970 for year ending **June 30**; thereafter, for years ending **December 31**]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Number of contracts traded	**13,356**	**25,826**	**27,733**	**32,200**	**36,876**	**42,847**	**58,462**	**75,966**	**92,096**	**98,522**	**112,401**
Grains and feeds [1]	5,977	9,997	13,420	14,595	17,261	19,668	22,365	27,695	36,337	32,308	26,701
Livestock and meat [2]	2,574	5,119	4,629	5,680	5,325	5,666	9,680	11,902	11,639	9,378	11,825
Foods [3]	3,458	4,949	4,154	3,692	3,868	5,161	5,149	5,925	8,659	7,255	6,640
Raw materials [4]	351	1,514	1,465	1,609	2,776	2,753	3,399	4,618	5,598	4,905	6,080
Precious metals [5]	995	3,820	3,826	6,376	7,209	8,232	13,983	17,996	13,171	15,690	18,590
Financial instruments [6]	–	–	–	20	239	780	2,325	5,607	12,469	22,864	33,713
Currencies [7]	1	425	241	228	198	586	1,561	2,222	4,223	6,122	8,852

– Represents zero. [1] Wheat, corn, oats, rye, soybeans, soybean meal, sunflower seeds, and grain sorghums. [2] Cattle, feeder cattle, hogs, pork bellies, imported lean beef, broilers, and turkeys. [3] Eggs, potatoes, coffee, cocoa, sugar, butter, orange juice, and edible oils. [4] Lumber, stud lumber, plywood, cotton, wool, oil and petroleum products, copper, lead, *mercury*, zinc, nickel, rubber, and tin. [5] Gold, silver, silver coins, platinum, and palladium. [6] GNMA certificates; Treasury bills, bonds, and notes; commercial paper; domestic certificates of deposit (CD); Eurodollar CD; and stock indexes. [7] Italian lira, Canadian dollars, French francs, Deutsche marks, Dutch guilders, British pounds, Japanese yens, Swiss francs, Belgian francs, and Mexican *pesos*.

Source: U.S. Commodity Futures Trading Commission, *Annual Report*. Data from Futures Industry Association, Washington, D.C.

NO. 877. MUTUAL FUNDS—NET ASSETS, SALES, AND REDEMPTIONS: 1970 TO 1982

[**In billions of dollars, except number of funds.** See also *Historical Statistics, Colonial Times to 1970*, series X 536-539]

TYPE OF FUND	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Number of funds	361	410	421	431	426	452	477	505	524	564	669	857
Assets [1]	47.6	59.8	46.5	35.8	45.8	51.0	48.5	55.8	94.5	134.7	241.4	296.6
Money market funds	(x)	(x)	(x)	1.7	3.6	3.4	3.5	10.9	45.2	74.4	181.9	206.6
Equity funds	45.1	55.9	43.0	30.9	37.5	39.2	34.1	32.7	35.9	44.4	41.2	53.6
Income and bond funds	2.5	3.9	3.5	3.2	4.7	7.8	8.4	9.3	10.1	11.1	11.0	15.8
Municipal bond funds	(x)	(x)	(x)	(x)	(x)	.5	2.3	2.6	3.0	2.9	3.1	7.4
Limited maturity municipal bonds [2]	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	1.9	4.2	13.2
Sales [1]	4.6	4.9	4.4	5.3	10.1	13.7	17.1	37.2	119.3	247.5	472.2	626.0
Money market funds	(x)	(x)	(x)	2.2	6.8	9.4	10.7	30.5	111.9	232.2	451.9	580.8
Equity funds	4.2	4.3	3.9	2.6	2.6	2.7	2.4	2.8	3.1	5.6	6.0	8.3
Income and bond funds	.4	.6	.5	.5	.7	1.2	1.6	2.0	2.0	2.6	2.3	4.0
Municipal bond funds	(x)	(x)	(x)	(x)	(x)	.5	2.1	1.8	1.7	1.8	1.5	3.5
Limited maturity municipal bonds [2]	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	5.3	10.5	29.4
Redemptions [1]	3.0	6.6	5.7	3.9	9.6	16.4	16.7	31.5	86.8	216.5	362.6	589.3
Money market funds	(x)	(x)	(x)	.6	5.9	9.6	10.7	24.3	78.4	204.5	346.7	559.6
Equity funds	2.8	6.2	5.2	3.0	3.3	6.0	4.7	5.1	5.7	5.7	5.1	5.1
Income and bond funds	.2	.4	.4	.3	.4	.8	.8	1.0	1.4	1.5	1.6	1.7
Municipal bond funds	(x)	(x)	(x)	(x)	(x)	(z)	.5	1.1	.9	1.0	.8	.7
Limited maturity municipal bonds [2]	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	3.8	8.3	22.2

X Not applicable. Z Less than $50 million. [1] Includes funds not shown separately. [2] The average maturity of the portfolio is generally less than two years.

Source: Investment Company Institute, Washington, D.C., *Mutual Fund Fact Book*, annual.

NO. 878. U.S. LIFE INSURANCE COMPANIES—SUMMARY: 1970 TO 1982

[As of **December 31** or **calendar years** as applicable. Covers domestic and foreign business of U.S. companies. See also *Historical Statistics, Colonial Times to 1970*, series X 879 and X 890-907]

ITEM	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
U.S. companies	Number	1,780	1,757	1,746	1,742	1,789	1,840	1,895	1,958	1,991	2,048
Sales [1]	Bil. dol.	206.8	323.5	316.5	352.2	407.7	437.9	526.8	654.7	1,138.6	919.9
Ordinary	Bil. dol.	134.8	199.0	207.1	233.6	277.3	304.2	359.1	461.5	700.1	661.1
Group [1]	Bil. dol.	65.4	117.8	102.7	112.2	123.8	127.7	162.4	189.6	436.0	256.9
Industrial	Bil. dol.	6.6	6.7	6.7	6.4	6.5	6.0	5.3	3.6	2.5	1.9
Voluntary termination, ordinary policies: [2]											
All policies in force in U.S	Rate	5.9	6.5	6.7	6.6	6.6	6.6	7.2	8.1	8.9	10.0
In force 2 years or more	Rate	3.9	4.5	4.5	4.6	4.7	4.6	5.1	5.8	6.6	7.6
Income	Bil. dol.	49.1	70.0	78.0	88.6	98.0	108.2	119.1	130.9	147.2	166.1
Life insurance premiums	Bil. dol.	21.7	27.8	29.3	31.4	33.8	36.6	39.1	40.8	45.7	49.5
Percent of total	Percent	44.2	39.7	37.6	35.4	34.5	33.8	32.8	31.2	31.0	29.8
Annuity considerations	Bil. dol.	3.7	7.7	10.2	14.0	15.0	16.3	17.9	22.4	26.3	33.5
Health insurance premiums	Bil. dol.	11.4	17.1	19.1	21.1	23.6	25.8	27.9	29.4	31.7	35.1
Investment and other	Bil. dol.	12.3	17.4	19.4	22.2	25.7	29.4	34.2	38.3	43.5	48.0
Disbursements	Bil. dol.	39.0	53.3	58.2	63.0	69.0	72.6	81.1	88.2	101.8	113.3
Payments to policyholders [3]	Bil. dol.	25.6	34.7	38.1	41.0	44.4	47.8	53.7	59.0	65.1	71.2
Percent of total	Percent	65.6	65.1	65.5	65.1	64.3	65.8	66.2	66.9	63.9	62.8
Death payments	Bil. dol.	7.2	8.9	9.3	9.7	10.2	11.1	11.8	12.9	13.6	14.5
Matured endowments	Bil. dol.	1.0	1.0	1.0	1.0	.9	.9	.9	.8	.7	.6
Annuity payments	Bil. dol.	1.7	2.9	3.2	3.9	4.6	5.1	6.6	7.4	9.6	10.3
Policy dividends	Bil. dol.	3.8	4.8	5.1	5.6	6.3	6.8	7.6	8.1	9.3	9.6
Surrender values	Bil. dol.	2.9	3.7	3.8	4.2	4.3	4.5	5.5	6.4	7.1	9.8
Disability benefits	Bil. dol.	.2	.4	.4	.5	.5	.5	.6	.5	.6	.5
Commissions, expenses, etc	Bil. dol.	12.9	17.9	19.4	21.3	23.9	23.7	25.9	27.8	35.1	40.3
Dividends to stockholders	Bil. dol.	.5	.7	.7	.7	.8	1.1	1.5	1.4	1.6	1.8
Taxes, licenses and fees	Bil. dol.	2.2	3.4	3.5	4.0	4.4	5.1	5.5	4.8	4.2	4.4
Federal income taxes	Bil. dol.	1.2	1.9	1.9	2.2	2.5	3.0	3.3	2.6	1.8	1.6
Employed in insurance [4]	1,000	1,460	1,620	1,640	1,675	1,715	1,775	1,830	1,880	1,905	1,970

[1] Includes Servicemen's Group Life Insurance of $16.8 billion in 1970, $28.8 billion in 1974, $1.7 billion in 1975, and $45.6 billion in 1981, as well as $84.4 billion of Federal Employees' Group Life Insurance in 1981. [2] Rate is ratio of number of policies lapsed or surrendered (for cash, extended term), less reinstatements, to mean number of policies in force. Includes foreign companies' policies, primarily Canadian. [3] Includes operations of accident and health departments of life insurance companies, not shown separately. [4] Includes life, health, and property/casualty insurance.

Source: American Council of Life Insurance, Washington, D.C. Based on data from *Life Insurance Fact Book*, and unpublished data.

No. 879. Life Insurance in Force in the U.S.—Summary: 1960 to 1982

[As of **December 31** or **calendar years**, as applicable. Covers life insurance with life insurance companies only. Represents all life insurance in force on lives of U.S. residents whether issued by U.S. or foreign companies. "Families" includes families, subfamilies, and unrelated individuals; see definitions, p. 4. See also *Historical Statistics, Colonial Times to 1970*, series X 879-889]

YEAR	LIFE INSURANCE IN FORCE						COVERAGE ($1,000)		Disposable personal income per family ($1,000)	AVERAGE SIZE POLICY IN FORCE (dollars)			
	All policies, number (mil.)	Value (bil. dol.)					Per family	Per insured family		Ordinary	Group	Industrial	Credit
		Total	Ordinary	Group	Industrial	Credit [1]							
1960	282	586	340	175	39.6	31.2	10.2	12.7	6.1	3,360	4,030	390	680
1965	320	901	498	306	39.8	57.0	14.6	17.8	7.7	4,660	5,060	450	850
1970	355	1,402	731	545	38.6	87.9	20.7	24.4	10.3	6,110	6,910	500	1,000
1971	357	1,503	788	581	39.2	95.0	21.7	25.5	10.8	6,440	7,170	520	1,080
1972	365	1,628	849	631	40.0	108.8	22.9	26.9	11.4	6,790	7,730	530	1,190
1973	369	1,778	928	708	40.6	101.2	24.4	28.8	12.6	7,230	8,010	540	1,300
1974	*380*	*1,985*	*1,009*	*827*	*39.4*	*109.6*	*26.5*	*31.2*	*13.3*	*7,690*	*8,840*	*550*	*1,310*
1975	380	2,140	1,083	905	39.4	112.0	28.1	33.0	14.4	8,090	9,360	570	1,410
1976	382	2,343	1,178	1,003	39.2	123.6	30.1	35.0	15.3	8,610	10,010	580	1,580
1977	390	2,583	1,289	1,115	39.0	139.4	32.4	37.7	16.5	9,240	10,550	590	1,760
1978	401	2,870	1,425	1,244	38.1	163.1	35.1	40.8	17.9	10,010	11,260	600	1,950
1979	407	3,222	1,586	1,419	37.8	179.3	38.5	44.8	19.6	10,890	12,350	610	2,120
1980	402	3,541	1,761	1,579	36.0	165.2	41.5	48.3	21.4	11,920	13,410	620	2,110
1981	*400*	*4,064*	*1,978*	*1,889*	*34.5*	*162.4*	*45.7*	*53.2*	*22.7*	*13,310*	*15,400*	*630*	*2,220*
1982	390	4,477	2,217	2,066	32.8	161.1	49.3	57.3	23.9	15,140	16,630	630	2,410

[1] Insures borrower to cover loan in case of death.

Source: American Council of Life Insurance, Washington, D.C., *Life Insurance Fact Book*, annual.

No. 880. Life Insurance—Insurance in Force and Benefit Payments by State: 1982

[Applies to policyholders and payments in the U.S.]

DIVISION AND STATE	INSURANCE IN FORCE			Benefit payments [1] (mil. dol.)
	Policies (1,000)	Value (bil. dol.)	Avg. per family (dol.)	
U.S.	**389,560**	**4,476.7**	**49,300**	**47,993.6**
Regions:				
Northeast	79,856	984.4	50,900	12,458.1
No. Central	103,072	1,197.6	52,400	13,232.1
South	*148,844*	*1,461.5*	*48,600*	*13,601.2*
West	57,788	833.2	44,900	8,702.2
N. Eng.	**20,279**	**250.6**	**50,200**	**3,179.3**
Maine	1,762	16.8	37,000	205.8
N.H.	1,601	18.1	47,200	184.7
Vt.	766	8.5	40,000	100.2
Mass.	8,472	110.0	47,000	1,298.1
R.I.	*1,938*	*19.2*	*49,800*	*240.5*
Conn.	5,740	78.0	64,400	1,150.0
Mid. Atl.	**59,577**	**733.8**	**51,200**	**9,278.8**
N.Y.	25,197	341.7	49,200	4,412.6
N.J.	11,712	168.1	60,000	2,067.7
Pa.	22,668	224.0	48,800	2,798.5
E. No. Cent.	***73,942***	***840.6***	***52,700***	***9,625.6***
Ohio	19,069	214.8	52,300	2,560.6
Ind.	9,776	104.4	49,100	1,175.9
Ill.	21,114	246.7	55,800	2,834.2
Mich.	16,291	187.7	54,200	2,030.8
Wis.	7,692	87.0	47,500	1,024.1
W. No. Cent.	**29,130**	**357.0**	**51,800**	**3,606.5**
Minn.	*6,596*	*89.5*	*55,300*	*859.3*
Iowa	4,855	59.6	51,400	685.3
Mo.	8,698	95.6	48,600	947.3
N. Dak.	1,058	14.5	54,500	117.2
S. Dak.	996	12.7	46,500	128.9
Nebr.	2,768	34.9	54,900	377.8
Kans.	4,159	50.2	51,600	490.7
So. Atl.	**74,465**	**719.3**	**47,800**	**7,176.3**
Del.	1,442	16.3	69,700	149.1
Md.	7,795	88.6	54,200	921.7
D.C.	2,549	33.3	106,700	195.9
Va.	10,532	111.2	53,700	994.9
W. Va.	3,249	28.7	39,200	291.6
N.C.	12,491	105.1	45,100	1,010.2
S.C.	7,659	54.6	46,100	463.1
Ga.	12,410	112.1	53,100	911.4
Fla.	16,338	169.4	38,300	2,238.4
E. So. Cent.	**31,183**	**248.7**	**45,400**	**2,249.6**
Ky.	6,119	55.3	40,200	531.2
Tenn.	*9,318*	*86.3*	*49,400*	*815.3*
Ala.	11,855	70.5	46,700	611.5
Miss.	3,891	36.6	40,100	291.6
W. So. Cent	**43,196**	**493.5**	**51,500**	**4,175.3**
Ark.	2,849	33.2	38,000	299.6
La.	10,068	84.7	53,100	689.0
Okla.	5,109	60.8	47,800	529.6
Tex.	25,170	314.8	53,900	2,657.1
Mt.	**17,380**	**223.3**	**47,300**	**2,211.4**
Mont.	1,130	13.2	40,600	136.8
Idaho	1,371	15.9	44,000	174.4
Wyo.	672	9.5	48,100	87.6
Colo.	4,836	70.0	54,600	628.9
N. Mex.	1,750	22.5	44,000	209.0
Ariz.	3,972	48.5	43,100	577.6
Utah	*2,148*	*26.4*	*49,000*	*237.1*
Nev.	1,499	17.3	45,100	160.0
Pac.	**40,408**	**609.8**	**44,100**	**6,490.8**
Wash.	5,328	75.1	41,900	810.4
Oreg.	3,138	45.4	40,100	529.3
Calif.	29,439	455.6	43,900	4,846.3
Alaska	670	10.0	56,400	62.4
Hawaii	1,833	23.7	63,700	242.4

[1] Comprises death payments, matured endowments, disability and annuity payments, surrender values, and policy dividends.

Source: American Council of Life Insurance, Washington, D.C., *Life Insurance Fact Book*, annual.

No. 881. U.S. Life Insurance Companies—Financial Items: 1970 to 1982

[In billions of dollars, except percent. As of December 31. See also *Historical Statistics, Colonial Times to 1970*, series X 908-917]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Assets	**207.3**	**252.4**	**263.3**	**289.3**	**321.6**	**351.6**	**390.0**	**432.3**	**479.2**	**525.8**	**588.2**
Government securities	11.1	11.4	12.0	15.2	20.3	23.6	26.6	29.7	33.0	39.5	55.5
Corporate securities	88.5	117.7	118.6	133.9	154.9	171.7	191.6	208.8	227.0	241.5	268.5
Percent of total assets	42.7	46.6	45.0	46.3	48.2	48.8	49.1	48.3	47.4	45.9	45.7
Bonds	73.1	91.8	96.7	105.8	120.7	137.9	156.0	169.0	179.6	193.8	212.8
Stocks	15.4	25.9	21.9	28.1	34.3	33.8	35.5	39.8	47.4	47.7	55.7
Mortgages	74.4	81.4	86.2	89.2	91.6	96.8	106.2	118.4	131.1	137.7	142.0
Real estate	6.3	7.7	8.3	9.6	10.5	11.1	11.8	13.0	15.0	18.3	20.6
Policy loans	16.1	20.2	22.9	24.5	25.8	27.6	30.1	34.8	41.4	48.7	53.0
Other	10.9	14.1	15.4	16.9	18.5	21.1	23.7	27.6	31.7	40.1	48.6
Interest earned on assets [1] (percent)	5.30	5.88	6.25	6.36	6.55	6.89	7.31	7.73	8.02	8.57	8.91
Liabilities [2]	189.9	232.5	244.7	268.7	299.5	328.1	363.7	402.3	444.8	488.4	546.7
Policy reserves [2]	167.8	204.5	216.5	237.1	262.8	287.9	318.5	351.6	390.4	428.0	479.4
Capital and surplus [2]	17.3	19.9	18.6	20.6	22.0	23.6	26.2	30.0	34.4	37.4	41.5

[1] Net rate. [2] Includes business of accident and health departments of U.S. life insurance companies.

Source: American Council of Life Insurance, Washington, D.C., *Life Insurance Fact Book*, annual.

No. 882. U.S. Life Insurance Companies—New Long-Term Investments: 1970 to 1982

[*In billions of dollars, except percent. Long-term investments are investments of over 1 year in length. Minus sign (–) indicates decrease*]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total	**23.9**	**32.2**	**37.3**	**39.6**	**35.5**	**42.5**	**55.4**	**66.6**	**69.8**	**72.6**	**77.9**	**83.7**	**110.5**
Annual percent change [1]	–.3	34.7	15.9	6.2	–10.2	19.7	30.2	20.3	3.2	5.6	7.3	7.4	32.1
Government securities	.8	1.6	1.6	1.4	1.5	3.7	7.3	7.5	6.5	6.9	7.0	10.6	24.3
Corporate securities	10.9	18.5	22.7	20.9	16.1	22.5	31.7	37.8	36.0	33.5	36.4	42.5	58.8
Bonds	*6.8*	*11.7*	*14.2*	*12.7*	*11.3*	*16.6*	*24.0*	*30.2*	*28.0*	*23.1*	*22.3*	*23.0*	*33.0*
Stocks	4.1	6.8	8.5	8.2	4.8	5.9	7.7	7.6	8.0	10.4	14.1	19.5	25.8
Mortgages	7.2	7.6	8.7	11.5	11.3	9.6	9.8	14.2	17.8	20.7	19.7	13.5	11.5
Real estate	.9	1.1	1.0	1.2	1.3	2.1	1.8	2.0	2.2	2.8	3.3	4.5	4.5
Policy loans	4.1	3.4	3.3	4.6	5.3	4.6	4.8	5.1	6.3	8.7	11.5	12.6	11.4

[1] For 1970, change from 1969. For explanation of annual percent change, see Guide to Tabular Presentation.

Source: American Council of Life Insurance, Washington, D.C., *Life Insurance Fact Book*, annual.

No. 883. Property and Liability Insurance: 1970 to 1982

[**In millions of dollars, except companies reporting.** Premiums written represent total premiums on all insurance policies written by companies, with inception dates in years shown. Minus sign (–) indicates loss. See also *Historical Statistics, Colonial Times to 1970*, series X 918, 923, 928, 933, and 940]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982, est.
Companies reporting	2,727	2,934	2,886	2,880	2,940	2,938	2,867	2,867	2,953	2,994
Premiums written [1]	**32,867**	**45,152**	**49,967**	**60,418**	**72,397**	**81,690**	**90,123**	**95,569**	**99,276**	**103,580**
Auto liability	8,958	12,010	13,315	16,052	18,829	20,383	22,102	23,319	24,395	23,924
Physical damage, auto	*4,824*	*7,064*	*7,623*	*9,565*	*11,521*	*12,835*	*14,536*	*15,833*	*16,748*	*16,164*
Liability, other than auto	2,140	2,990	3,981	5,384	6,794	7,708	7,817	7,692	7,385	6,048
Medical malpractice	(NA)	(NA)	895	1,133	1,194	1,216	1,204	1,276	1,338	1,265
Fire [2]	3,147	3,538	3,691	4,102	4,415	4,675	4,781	4,784	4,817	4,882
Homeowners multiple peril	2,565	4,156	4,729	5,689	6,766	7,792	8,792	9,821	10,780	10,973
Commercial multiple peril	1,331	2,857	3,176	4,052	4,891	5,830	6,667	6,886	6,870	6,975
Workers' compensation	3,492	5,473	6,186	7,534	9,261	11,300	13,164	14,239	14,616	13,957
Inland marine	812	1,169	1,266	1,444	1,584	1,867	2,061	2,291	2,428	2,475
Ocean marine	465	765	861	902	953	1,000	1,009	1,065	1,127	(NA)
Surety and fidelity	562	748	789	835	912	1,076	1,155	1,248	1,351	(NA)
Burglary and theft	135	130	120	124	129	133	140	136	128	(NA)
Crop-hail	125	260	312	326	340	351	396	417	504	(NA)
Boiler and machinery	115	141	173	170	213	256	283	293	298	(NA)
Glass	40	34	32	32	34	35	33	32	31	(NA)
Statutory underwriting gain	77	–1,878	–3,594	–1,559	1,926	2,548	24	–1,712	–4,464	–8,270
Policyholders' dividends	504	767	633	630	815	1,252	1,324	1,622	1,824	1,972
Net underwriting gain	–426	–2,645	–4,227	–2,189	1,112	1,296	–1,301	–3,334	–6,288	–10,242
Net investment income	[3] 2,005	[3] 3,833	[3] 4,150	[3] 4,806	5,816	7,290	9,279	11,063	[3] 13,248	(NA)
Net income before taxes	1,579	1,188	77	2,617	6,928	8,586	7,978	7,730	6,961	(NA)
Assets	[3] 58,594	[3] 82,115	[3] 94,118	105,586	126,613	149,097	174,228	197,661	212,302	231,400
Policyholders' surplus	[3] 18,520	[3] 20,898	[3] 25,303	24,678	29,300	35,379	42,456	52,196	53,804	60,600

NA Not available. [1] *Total includes all property, liability, and allied lines; other data are for principal lines only.*
[2] Includes extended coverage and allied lines. [3] Includes duplication because of interownerships within company groups.

Source: Insurance Information Institute, New York, N.Y., *Insurance Facts*, annual. Data from A. M. Best Company, Oldwick, N.J.

No. 884. Automobile Insurance: 1970 to 1982

[In millions of dollars, except as indicated. Premiums earned basis. See also *Historical Statistics, Colonial Times to 1970*, series Q 163-174]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	
									Private passenger	Commercial
Companies reporting	925	1,275	1,315	1,363	1,381	1,399	1,470	1,507	1,531	
Total insurance:										
Premiums earned	14,612	23,860	23,970	29,074	32,393	35,366	37,621	39,752	35,639	6,966
Losses paid [1]	11,198	19,657	18,541	20,264	22,755	26,130	27,887	30,605	28,996	5,941
Percent of premiums	76.6	82.4	77.4	69.7	70.2	73.9	74.1	77.0	81.4	85.3
Bodily injury liability: [2]										
Premiums earned	9,559	15,150	15,087	18,130	19,997	21,544	22,480	23,623	20,953	4,437
Losses paid [1]	7,547	12,277	11,599	13,063	14,252	16,016	17,221	19,154	17,719	4,088
Percent of premiums	79.0	81.0	76.9	72.1	71.3	74.3	76.6	81.1	84.6	92.1
Physical damage: [3]										
Premiums earned	5,053	8,710	8,883	10,944	12,396	13,822	15,141	16,130	14,686	2,529
Losses paid [1]	3,651	7,380	6,941	7,201	8,503	10,114	10,665	11,452	11,277	1,853
Percent of premiums	72.3	84.7	78.1	65.8	68.6	73.3	70.4	71.0	76.8	73.3

[1] Includes adjusting expenses. [2] Includes property damage. [3] Covers auto fire, theft, collision, and comprehensive.

Source: The National Underwriter Co., Cincinnati, Ohio, *Argus F. C. & S. Chart*, annual (copyright).

No. 885. Private Health Insurance Organizations—Income and Expenses: 1970 to 1981

[In millions of dollars, except percent. Minus sign (–) indicates loss. See also *Historical Statistics, Colonial Times to 1970*, series X 957-962]

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
All organizations:											
Total premium income	17,075	22,358	24,845	27,777	32,437	38,172	44,619	49,692	55,859	63,624	73,418
Claims expense	15,619	19,086	21,091	24,466	30,072	35,471	40,013	45,044	50,176	58,619	66,816
Percent of premium income	91.5	85.4	84.9	88.1	92.7	92.9	89.7	90.6	89.8	92.1	91.0
Operating expense	2,390	3,182	3,468	3,887	4,193	4,789	5,464	6,194	7,116	8,207	9,648
Net underwriting gain	–934	89	286	–576	–1,828	–2,088	–858	–1,546	–1,433	–3,202	–3,046
Blue Cross-Blue Shield:											
Premium income	7,371	9,923	11,059	12,367	14,446	17,268	19,553	21,547	23,471	26,334	30,447
Claims expense	7,060	8,991	10,004	11,640	14,192	16,227	17,626	19,465	21,724	25,466	29,209
Operating expense	534	689	775	911	1,063	1,193	1,330	1,502	1,716	1,951	2,250
Net underwriting gain	*–224*	*243*	*280*	*–184*	*–809*	*–151*	*597*	*580*	*31*	*–1,083*	*–1,012*
Insurance companies:											
Premium income	8,636	11,052	11,944	13,151	14,849	16,752	19,335	20,867	23,035	25,131	25,903
Claims expense	7,531	8,815	9,480	10,802	13,157	15,493	17,206	19,057	20,145	21,678	22,248
Net underwriting gain	–1,587	–161	–108	–473	–1,216	–2,064	–1,623	–2,359	–1,783	–1,989	–2,513
Other plans, premium income	1,068	1,383	1,842	2,259	3,142	4,151	5,730	7,279	9,353	12,159	17,068

Source: Through 1975, U.S. Social Security Administration, Social Security Bulletin, various issues, and unpublished data; thereafter, U.S. Health Care Financing Administration, *Health Care Financing Review*, Summer 1981, and unpublished data.

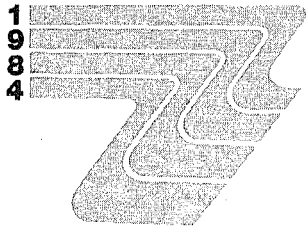
No. 886. Health Insurance—Premium Income and Benefit Payments: 1970 to 1981

[In billions of dollars. Represents premium income of and benefits paid by insurance companies only. Beginning 1975, includes Puerto Rico and other U.S. outlying areas. Excludes Blue Cross-Blue Shield plans, medical-society sponsored plans, and all other independent plans]

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Premiums [1]	**11.5**	**14.8**	**16.1**	**17.9**	**20.8**	**24.5**	**28.7**	**32.7**	**37.9**	**43.7**	**49.0**
Group policies [2]	8.1	10.9	11.8	13.2	15.9	19.4	23.2	26.9	31.7	36.8	42.5
Individual and family policies	3.4	3.8	4.3	4.7	4.9	5.1	5.4	5.8	6.2	6.9	6.5
Benefit payments [3]	**9.1**	**10.6**	**11.9**	**13.6**	**16.5**	**20.2**	**22.1**	**26.4**	**31.7**	**37.0**	**41.6**
Group policies [2]	7.5	8.9	9.8	11.4	14.2	17.8	19.5	22.9	27.9	33.0	37.7
Individual and family policies	1.6	1.7	2.1	2.2	2.3	2.4	2.6	3.5	3.8	4.0	3.9
Type of coverage:											
Loss of income	1.8	2.0	2.2	2.5	2.7	2.9	3.1	3.4	4.7	5.3	5.2
Medical expense	7.1	8.5	9.4	10.8	13.2	16.1	17.6	21.2	24.8	28.9	33.0
Dental	.1	.2	.3	.3	.6	1.2	1.5	1.8	2.2	2.8	3.5

[1] 1970 refers to written premiums; thereafter, refers to earned premiums. [2] Insurance company group premiums and benefit payments for 1975 through 1981 include Administrative Service Agreements and Minimum Premium Plans. Amounts for prior years *contain only a portion of these data.* [3] Beginning 1972, excludes accidental death and dismemberment benefits and accident medical reimbursement benefits.

Source: Health Insurance Association of America, Washington, D.C., *Source Book of Health Insurance Data*, annual.



Section 18

Business Enterprise

This section relates to the place and behavior of the business firm, and to business initiative in the American economy. It includes data on the number, type, and size of businesses; financial data of domestic and multinational U.S. corporations and their foreign affiliates; business investment, expenditures, and profits; business sales and inventories; consumer cooperatives; and business failures. Additional business data may be found in other sections, particularly 29 and 30.

The principal sources of these data are the *Survey of Current Business,* published by the Bureau of Economic Analysis (BEA); the *Federal Reserve Bulletin,* issued by the Board of Governors of the Federal Reserve System; the annual *Statistics of Income* reports of the Internal Revenue Service (IRS); *The Failure Record Through (Year),* issued by Dun & Bradstreet, New York; and *Fortune* and *The Fortune Directory,* issued by Time, Inc., New York. Other sources are publications of the Securities and Exchange Commission (SEC), the Bureau of the Census, and the Administrative Office of the United States Courts.

Business firms.—A firm is generally defined as a business organization under a single management and may include one or more establishments (i.e., a single physical location at which business is conducted). The terms firm, business, company, and enterprise are used interchangeably throughout this section. A firm doing business in more than one industry is classified by industry according to the major activity of the firm as a whole. The industrial classification is based on the *Standard Industrial Classification (SIC) Manual* (see text, page 402).

The IRS concept of a business firm relates primarily to the legal entity used for tax reporting purposes. The IRS *Statistics of Income* reports present data, based on a sample of tax returns before audit, separately for sole proprietorships, partnerships, and active corporations. A *sole proprietorship* is an unincorporated business owned by one person. Sole proprietorships include the entire range of unincorporated, one-owner businesses, farms, and professional practices, from large enterprises with many employees and hired managers to the part-time operations in which the owner is the only person involved. A *partnership* is an unincorporated business owned by two or more persons, each of whom has a financial interest in the business. The "persons" could be individuals, estates, trusts, or corporations. A *corporation* is a business that is legally incorporated under State laws. The IRS recognizes many types of businesses as corporations, including joint-stock companies; mutual and other insurance companies; and unincorporated associations such as business trusts, mutual savings and loan associations, certain partnerships, mutual savings banks, and cooperative banks. While many corporations file consolidated tax returns, most corporate tax returns represent individual corporations, some of which are affiliated through common ownership or control with other corporations filing separate returns.

Assets and liabilities.—In its annual report, *Statistics of Income, Corporation Income Tax Returns,* the IRS presents balance sheet and income estimates for all active U.S. corporations. The Bureau of the Census issues two current reports, the *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations,* which presents quarterly income account and balance sheet data for manufacturing, mining, and trade industries, and *Working Capital of U.S. Nonfinancial Corporations,* which presents data on components of current assets and liabilities of all nonfinancial U.S. corporations. Both of these reports has been prepared by the Federal Trade Commission until responsibilities were transferred to Census beginning with the 4th quarter 1982 report.

One of the most comprehensive measures of the investment position of the business sector (and the only measure adjusted to current replacement cost) is the BEA capital stock series. See *Fixed Reproducible Tangible Wealth in the United States, 1925–79,* and periodic updates in the *Survey of Current Business.*

Income, profits, dividends, and taxes.—Several agencies, among them IRS and BEA, compile corporate income account data. These data, however, are not comparable because of differing methods of compilation. A reconciliation of the two can be found in table 8.12 of *National Income and Product Accounts of the United States, 1929–76,* and *Survey of Current Business* (normally the July issue), published by BEA. The IRS publishes financial data for all business enterprises. These data appear in *Statistics of Income—Partnership Returns, Sole Proprietorship Returns,* and *Corpo-*

ration Income Tax Returns. Supplemental reports published periodically present data on international income and taxes reported by U.S. corporations.

The corporate data issued by BEA are a part of its national income and product accounts (see text, p. 445) and are defined as required for purposes of national income estimation. The primary sources for BEA estimates of profits, taxes, dividends, and undistributed profits are the original corporate tax returns submitted to IRS. Various adjustments of IRS data are required by the national income treatment—adjustments, particularly with respect to profits which would be disclosed if all tax returns were audited; depletion; capital gain or loss; treatment of bad debts; measurement of income received from abroad; and intercorporate dividends to make the figures comparable with other entries in the national income accounts. For a discussion of two types of adjustments (inventory valuation and capital consumption), see text, page 445. The BEA's corporate profits data also include net earnings of Federal Reserve banks, credit unions, private noninsured pension funds, and several quasi-government credit agencies not included in IRS data.

Sources and uses of corporate funds.—These data (table 924) show capital requirements of corporations and the manner in which they are financed. Sources of funds should be equal to their uses. Certain discrepancies, however, interfere with this equality due to omission of (1) money accruing to corporations from an excess of sales over purchases of used plant and equipment, (2) transactions in securities held as permanent investments except public offerings, and (3) net purchases of land. Also, the balance sheet data upon which many of the financial flow estimates are based are not fully comparable with the tax-return based estimates of internal sources, or the establishment series underlying the figures on inventory change.

Plant and equipment expenditures.—Estimates of actual and planned expenditures for new plant and equipment in the United States by most private, nonagricultural business firms are based on quarterly sample surveys conducted by the Bureau of Economic Analysis.

For quarterly data, see current issues of the *Survey of Current Business.* For discussion of coverage, concepts, and methodology, see October 1980 issue of the *Survey;* for methodology used to derive the constant-dollar estimates, see the September 1981 issue of the *Survey.*

Sales and inventories.—Sales are estimated aggregate values, and inventories are book values at the end of the period. Sales signifies sales or shipments for retail and wholesale trade and billings or shipments for manufacturing. Trade inventories are valued at cost of merchandise on hand, while manufacturers' inventories are valued at approximate current costs or at book values, as reported by the manufacturer. Inventories (see table 920) are based on data from censuses (conducted every five years, for years ending in "2" and "7") and annual surveys. Monthly data for manufacturing appear in the Bureau of the Census Current Industrial Reports, *Manufacturers' Shipments, Inventories, and Orders,* series M3-1; for data on retail and wholesale trade, see Section 30.

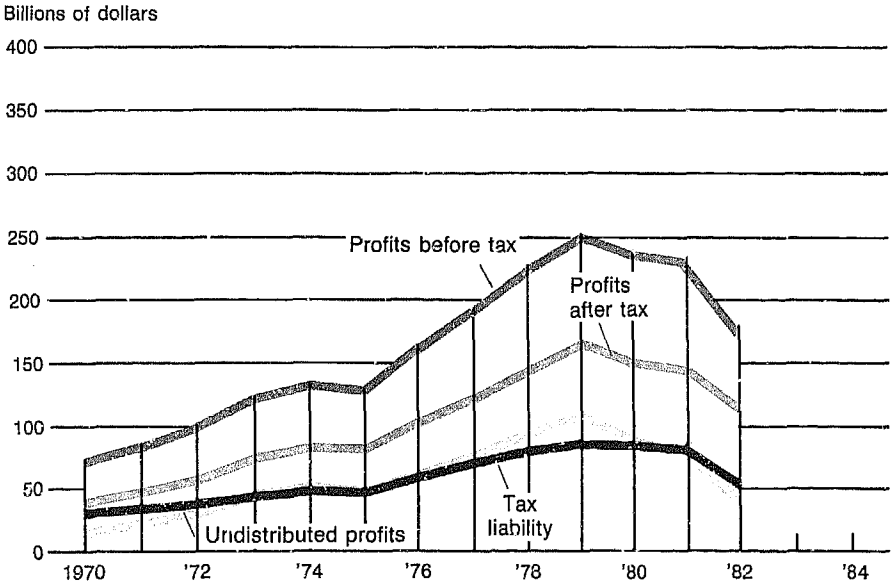
Sales, assets, net income, stockholder's equity, and total returns to investors.—**Sales** include service and rental revenues but exclude dividends, interest, and other non-operating revenues. All companies on the list must have derived more than 50 percent of their sales from manufacturing and/or mining. Sales of subsidiaries are included when they are consolidated. **Assets** are those shown at the company's year-end. **Net income** is shown after taxes and after extraordinary credits or charges when any are shown on the income statement. **Stockholder's equity** is the sum of capital stock, surplus and retained earnings at the company's year-end. Redeemable preferred stock is excluded when its redemption is either mandatory or outside the control of the company, except in the case of cooperatives. **Total returns to investors** include both price appreciation and dividend yield. Returns are adjusted for stock splits, stock dividends, recapitalizations, and corporate reorganizations as they occur. For further discussion, see Time, Inc., New York, N.Y., *The Fortune Directory,* May and June issues.

Economic censuses.—The economic censuses constitute comprehensive and periodic canvasses of the Nation's industrial and business activities. The first economic census of the United States was conducted as part of the 1810 decennial census, when inquiries on manufacturing were included with the census of population. Minerals data were collected in 1840. The first censuses of construction and business were taken for 1929. An integrated economic census program was begun for 1954. In that year, the censuses covered the retail and wholesale trades, selected service industries, manufactures, and mineral industries. The economic censuses are taken at 5-year intervals covering years ending in "2" and "7".

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

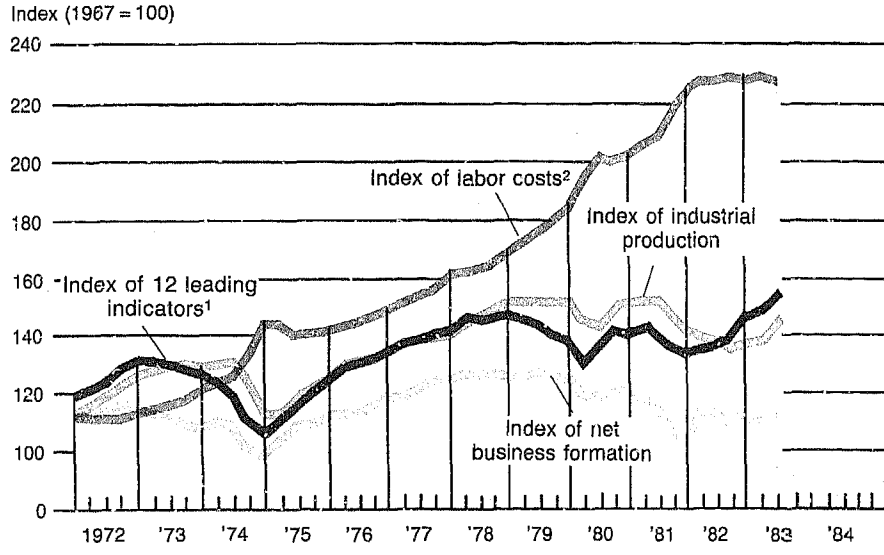
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 18.1
Corporate Profits: 1970 to 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 925.

Figure 18.2
Cyclical Indicators — Selected Indexes: 1972 to 1983



[1] Composite. [2] Labor cost per unit of output.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 917.

NO. 887. NUMBER OF RETURNS, RECEIPTS, AND NET INCOME, BY TYPE OF BUSINESS: 1960 TO 1980

[Figures are estimates based on samples; see Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series V 1–12. For further information regarding corporations, see tables 907–909]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980
Number	1,000	11,172	11,416	12,001	13,979	14,536	14,741	15,629	16,187	16,793
Receipts [1]	Bil. dol.	1,095	1,469	2,082	3,685	4,170	4,699	5,377	6,345	7,159
Net income (less deficit) [2]	Bil. dol.	73	111	109	196	245	283	320	361	302
Proprietorships, number [3]	1,000	9,090	9,078	9,400	10,882	11,358	11,346	12,018	12,330	12,702
Business receipts [1]	Bil. dol.	171	199	238	339	375	394	443	488	506
Net income (less deficit) [2]	Bil. dol.	21	28	33	45	50	51	59	61	55
Partnerships, number	1,000	941	914	936	1,073	1,096	1,153	1,234	1,300	1,380
Total receipts [4]	*Bil. dol.*	*74*	*75*	*93*	*147*	*160*	*177*	*219*	*258*	*292*
Net income (less deficit) [2]	Bil. dol.	8	10	10	8	10	13	14	15	8
Corporations, number	1,000	1,141	1,424	1,665	2,024	2,082	2,242	2,377	2,557	2,711
Total receipts [4]	Bil. dol.	849	1,195	1,751	3,199	3,635	4,128	4,715	5,599	6,361
Net income (less deficit) [2] [5]	Bil. dol.	44	74	66	143	185	219	247	285	239

[1] See footnote 1, table 890. [2] See footnote 2, table 890. [3] Individually owned businesses and farms. [4] Total taxable receipts before deduction of cost of goods sold, cost of operations, and net loss from sales of property other than capital assets. [5] Beginning 1965, includes constructive taxable income from related foreign corporations.

NO. 888. NUMBER OF RETURNS AND BUSINESS RECEIPTS, BY SIZE OF RECEIPTS AND TYPE OF BUSINESS: 1970 TO 1980

[See headnote, table 890, and *Historical Statistics, Colonial Times to 1970,* series V 1–12. For further information regarding corporations, see tables 907–909]

SIZE—CLASS OF RECEIPTS	1970		1975		1980							
					Returns (1,000)				Receipts (bil. dol.)			
	Returns (1,000)	Receipts (bil. dol.)	Returns (1,000)	Receipts (bil. dol.)	Total	Proprietorships	Partnerships [1]	Corporations [1]	Total	Proprietorships	Partnerships [1]	Corporations [1]
Total	**12,001**	**2,036**	**13,979**	**3,447**	**16,793**	**12,702**	**1,380**	**2,711**	**6,523.4**	**505.9**	**286.0**	**5,731.6**
Under $25,000 [2]	8,200	51	9,107	55	10,290	9,095	638	557	64.7	57.3	4.6	2.8
$25,000–$49,999	1,302	46	1,519	53	1,811	1,421	182	208	63.6	50.8	6.6	6.2
$50,000–$99,999	1,000	71	1,247	86	1,589	1,082	184	323	110.6	76.4	13.2	21.0
$100,000–$499,999	1,135	239	1,575	330	2,202	986	291	925	473.6	193.9	64.3	215.4
$500,000–$999,999	181	126	249	169	412	84	48	280	282.2	56.9	33.2	192.1
$1,000,000 or more	182	1,503	284	2,754	488	33	37	418	5,528.6	70.5	164.0	5,294.1
	PERCENT DISTRIBUTION											
Under $25,000 [2]	68.3	2.5	65.1	1.6	61.3	71.6	46.2	20.5	1.0	11.3	1.6	(z)
$25,000–$49,999	10.8	2.3	10.9	1.5	10.8	11.2	13.2	7.7	1.0	10.1	2.3	.1
$50,000–$99,999	8.3	3.5	8.9	2.5	9.5	8.5	13.3	11.9	1.7	15.0	4.6	.4
$100,000–$499,999	9.5	11.7	11.3	9.6	13.1	7.8	21.1	34.1	7.3	38.3	22.5	3.8
$500,000–$999,999	1.5	6.2	1.8	4.9	2.5	.7	3.5	10.3	4.3	11.3	11.6	3.4
$1,000,000 or more	1.5	73.8	2.0	79.9	2.9	.3	2.7	15.4	84.8	13.8	57.4	92.4

Z Less than .05 percent. [1] *Active firms only.* [2] *Includes firms with no receipts.*

Source of tables 887 and 888: U.S. Internal Revenue Service, *Statistics of Income, Business Income Tax Returns,* annual through 1976; *Statistics of Income, Sole Proprietorship Returns,* annual; *Statistics of Income, Partnership Returns,* annual; and *Statistics of Income, Corporation Income Tax Returns,* annual.

NO. 889. FEDERAL GOVERNMENT LOANS TO ALL SMALL BUSINESSES: 1970 TO 1982

[For years ending **June 30** except, beginning **1977** ending **Sept. 30.** A small business must be independently owned and operated, must not be dominant in its particular industry, and must meet standards set by the Small Business Administration as to its annual receipts or number of employees]

LOANS APPROVED	Unit	1970–1982, avg.	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Loans, all businesses	1,000	26.8	15.1	27.5	22.3	26.1	31.8	31.7	30.2	31.7	28.7	15.4
Minority-operated businesses	1,000	5.9	6.3	6.9	5.4	5.5	6.2	6.1	5.5	6.0	5.2	2.5
Percent of all businesses	Percent	22	41	25	24	21	19	19	18	19	18	16
Value of total loans	Mil. dol.	2,532	710	1,948	1,594	2,071	3,049	3,314	3,407	3,858	3,668	2,038
Loans to minority-operated business	Mil. dol.	238	160	289	229	262	352	402	428	470	454	238
Percent of all loans	Percent	13	23	15	14	13	12	12	13	12	12	12

Source: U.S. Small Business Administration, unpublished data.

NO. 890. NUMBER OF RETURNS, RECEIPTS, AND NET INCOME, BY INDUSTRY AND TYPE OF BUSINESS: 1980

[Figures are estimates based on sample of unaudited tax returns; see Appendix III. Due to minor variations in estimating techniques, totals differ slightly from those shown in other IRS tables in this section. For further information regarding corporations, see tables 907-909. See *Historical Statistics, Colonial Times to 1970*, series V 42-53, for number of active corporations. Minus sign (-) indicates net loss]

INDUSTRY	NUMBER OF RETURNS (1,000)			BUSINESS RECEIPTS [1] (bil. dol.)			NET INCOME (less deficit) [2] (bil. dol.)		
	Proprietorships	Active partnerships	Active corporations	Proprietorships	Active partnerships	Active corporations	Proprietorships	Active partnerships	Active corporations
Total [3]	**12,702**	**1,380**	**2,711**	**505.9**	**[4] 286.0**	**[4] 5,731.6**	**55.4**	**8.2**	**239.0**
Agriculture, forestry, and fishing	3,279	126	81	101.1	21.6	48.9	1.3	.5	.7
Mining	120	35	26	8.6	13.2	167.4	.3	−4.2	7.8
Construction	1,073	67	272	47.8	18.4	260.4	7.5	1.6	5.3
Manufacturing	296	30	243	14.8	15.3	2,301.1	1.7	−.5	125.7
Transportation, public utilities [5]	439	20	111	20.0	5.9	507.4	2.0	.2	20.0
Wholesale and retail trade [3]	2,527	200	800	202.3	65.8	1,919.3	9.4	2.5	38.3
Wholesale	330	32	281	42.7	28.4	1,104.4	3.1	.9	26.7
Retail	2,066	168	515	153.6	37.3	813.0	5.7	1.6	11.5
Finance, insurance, real estate [6]	1,049	637	493	21.5	87.1	697.5	6.6	−4.2	33.1
Services	3,843	263	671	88.0	58.6	266.1	26.4	12.4	8.2

[1] Receipts from sales and services less allowances, rebates, and returns; excludes capital gains or losses, and investment income not associated with the taxpayer's business. [2] Net income (less deficit) is defined differently by legal form of organization, basically as follows: (a) Proprietorships: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income are excluded; (b) Partnerships: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income, except capital gains, are included; (c) Corporations: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income, such as capital gains and income from foreign corporations considered received for tax purposes only, are included; net profit is before income tax. [3] Includes business not allocable to individual industries. [4] Includes only business receipts portion of finance, insurance and real estate industries, therefore industry components exceed the total. [5] Includes sanitary services. [6] Includes total receipts for the finance, insurance, and real estate industry.

NO. 891. NUMBER OF RETURNS, RECEIPTS, AND NET INCOME, BY INDUSTRY, BY TYPE OF BUSINESS, AND BY SIZE OF BUSINESS RECEIPTS: 1980

[**Number in thousands; receipts and net income in millions of dollars.** See headnote, table 890. See *Historical Statistics, Colonial Times to 1970*, series V 42-53, for number of active corporations. Minus sign (−) indicates net loss]

INDUSTRY	PROPRIETORSHIPS [1]			ACTIVE PARTNERSHIPS			ACTIVE CORPORATIONS		
	Under $50,000 [2]	$50,000-$99,999	$100,000 or more	Under $100,000 [2]	$100,000-$499,999	$500,000 or more	Under $500,000	$500,000-$999,999	$1,000,000 or more
All industrial divisions: [3]									
Number	10,516	1,082	1,104	1,003	291	85	2,013	280	418
Business receipts [5]	108.2	76.4	321.3	24,395	64,334	197,238	[4] 245,476	[4] 192,076	[4] 5,294,064
Net income [6]	16.3	14.5	24.7	−12,759	5,044	15,964	1,268	4,345	233,393
Agriculture, forestry, fishing:									
Number	2,802	261	217	81	38	8	66	8	7
Business receipts [5]	28.5	18.4	54.1	2,401	7,862	11,348	9,075	5,122	34,653
Mining:									
Number	99	7	14	27	5	3	17	3	5
Business receipts [5]	.7	.5	7.3	337	1,231	11,633	1,930	2,251	163,216
Construction:									
Number	837	122	115	40	22	4	193	35	44
Business receipts [5]	11.6	8.5	27.7	1,507	4,597	12,303	29,385	24,748	206,255
Manufacturing:									
Number	232	25	39	20	7	2	128	36	79
Business receipts [5]	2.5	1.8	10.6	609	1,665	13,053	20,980	25,817	2,254,260
Transportation, public utilities: [7]									
Number	329	75	35	13	6	1	82	12	17
Business receipts [5]	5.1	5.2	9.7	434	1,230	4,204	10,468	8,783	488,123
Wholesale and retail trade:									
Number	1,803	260	464	111	66	23	478	122	200
Business receipts [5]	18.3	18.7	165.3	3,757	15,293	46,743	82,476	85,786	1,751,086
Finance, insurance, real estate:									
Number	968	50	30	529	82	26	450	16	28
Business receipts [5] [8]	9.4	3.5	8.7	10,384	18,263	58,486	29,852	11,237	656,371
Services:									
Number	3,379	277	186	182	64	18	586	48	37
Business receipts [5]	31.5	19.6	36.8	4,965	14,194	39,468	74,041	32,731	159,316

[1] Individually owned businesses and farms. [2] Includes businesses without receipts. [3] Includes businesses not allocable to individual industries. [4] Includes business receipts portion of finance, insurance, and real estate industries, therefore industry components exceed the total. [5] See footnote 1, table 890. [6] Less loss. See footnote 2, table 890. [7] Includes sanitary services. [8] For partnerships and corporations, total receipts (which include investment income), rather than business receipts, were used as the size classifier and for the amounts shown.

Source of tables 890 and 891: U.S. Internal Revenue Service, *Statistics of Income, Business Income Tax Returns*, annual through 1976; *Statistics of Income, Sole Proprietorship Returns*, annual; *Statistics of Income, Partnership Returns*, annual; and *Statistics of Income, Corporation Income Tax Returns*, annual.

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NO. 892. ESTABLISHMENTS, EMPLOYEES, AND PAYROLL BY INDUSTRY AND EMPLOYMENT-SIZE CLASS: 1981

[Excludes government employees, railroad employees, self-employed persons, etc. See "General Explanation" in source for definitions and statement on reliability of data]

ITEM	Unit	All industries [1]	Agricultural services [2]	Mining	Contract construction	Manufacturing	Transportation [3]	Wholesale trade	Retail trade	Finance and insurance [4]	Services
Establishments, total	1,000	4,587	48	33	400	321	172	390	1,238	418	1,333
Under 20 employees	1,000	3,972	46	24	362	198	133	330	1,073	371	1,204
20 to 99 employees	1,000	510	2	7	34	85	30	55	151	40	105
100 to 249 employees	1,000	71	(Z)	1	3	23	6	4	12	5	17
250 or more employees	1,000	33	(Z)	1	1	15	2	1	3	2	7
Employees, total	1,000	74,850	303	1,108	4,286	20,428	4,613	5,621	15,040	5,410	17,814
Under 20 employees	1,000	19,515	180	136	1,690	1,379	732	1,999	5,968	1,626	5,285
20 to 99 employees	1,000	21,232	73	288	1,358	3,859	1,301	2,108	6,156	1,612	4,410
100 to 249 employees	1,000	10,940	25	215	495	3,655	937	652	1,717	691	2,553
250 or more employees	1,000	23,164	25	469	743	11,535	1,643	502	1,199	1,481	5,566
Payroll	Bil. dol	1,149	4	27	80	388	97	99	134	86	226
Under 20 employees	Bil. dol	254	2	3	26	22	11	35	51	23	73
20 to 99 employees	Bil. dol	288	1	7	26	61	25	39	53	25	51
100 to 249 employees	Bil. dol	164	(Z)	5	11	60	20	13	16	11	28
250 employees	Bil. dol	446	(Z)	12	18	245	41	12	14	27	74

Z Less than 500 or $500 million. [1] Includes nonclassifiable establishments not shown separately. [2] Includes forestry and fisheries. [3] Includes other public utilities. [4] Includes real estate.

Source: U.S. Bureau of the Census, *County Business Patterns 1981*, CBP-81-1.

NO. 893. WOMEN-OWNED FIRMS—NUMBER AND RECEIPTS, BY INDUSTRY: 1977

[A firm is considered to be women-owned if one-half or more of the partners are women; a corporation is classified as women-owned if 50 percent or more of the stock is owned by women. The same majority ownership criteria applies to minority-owned businesses. For coverage detail, see source]

INDUSTRY	FIRMS, 1977 (1,000)			RECEIPTS, 1977 (bil. dol.)		
	All firms [1]	Women-owned		All firms [1]	Women-owned	
		Number of firms	Percent of all firms		Receipts	Percent of all firms
All industries, total	9,833	702	7.1	633.1	41.5	6.6
Construction	1,107	21	1.9	72.6	2.9	4.0
Manufacturing	287	19	6.6	38.5	3.6	9.4
Transportation and public utilities	419	12	2.9	22.8	1.3	5.7
Wholesale and retail trade	2,600	228	8.8	291.4	23.1	8.0
Finance, insurance, real estate	1,404	66	4.7	66.6	2.1	3.2
Selected services	3,623	316	8.7	120.1	7.1	5.9
Other industries [2]	393	40	10.2	21.2	1.2	5.7

[1] Based on data from U.S. Internal Revenue Service, preliminary report, *Statistics of Income, Business Income Tax Returns, 1977* and *Statistics of Income, Corporation Income Tax Returns, 1976*. [2] Includes industries not classified.

Source: U.S. Bureau of the Census, *Women-Owned Businesses, 1977*.

NO. 894. MINORITY-OWNED FIRMS—SUMMARY BY INDUSTRY: 1977

[These data were developed from administrative records of government agencies, various published and unpublished sources, a direct mail canvass, and personal contacts with community and government representatives knowledgeable in this area. **Caution** should be exercised in comparing data presented here with published or unpublished data from other reports of the 1977 economic censuses. Factors affecting comparability of data among censuses are scope of survey, business unit canvassed, and receipt-size limitations. See source for further detail. See also headnote, table 893]

OWNERSHIP AND INDUSTRY	ALL FIRMS		FIRMS WITH PAID EMPLOYEES				FIRMS WITHOUT PAID EMPLOYEES	
	Total (1,000)	Gross receipts (mil. dol.)	Total (1,000)	Employee [1] (1,000)	Annual payroll (mil. dol.)	Gross receipts (mil. dol.)	Total (1,000)	Gross receipts (mil. dol.)
All industries [2]	561	26,382	105	499	3,356	18,996	456	7,386
Black-owned	231	8,645	40	164	1,135	6,397	191	2,248
Spanish-origin	219	10,417	41	206	1,350	7,140	178	3,277
Construction	52	2,361	12	45	396	1,613	40	747
Manufacturing	13	1,939	6	60	447	1,842	7	117
Transp. and public utilities	37	1,060	4	15	139	556	33	504
Wholesale trade	9	2,031	2	14	152	1,788	7	242
Retail trade	147	10,629	38	183	929	7,820	110	2,809
Finance and insurance [3]	28	1,334	3	24	212	1,043	26	291
Selected services	234	6,202	38	151	1,020	4,039	196	2,163

[1] For week including March 12. [2] Includes other not shown separately. [3] Includes real estate.

Source: U.S. Bureau of the Census, *1977 Survey of Minority-Owned Business Enterprises*, MB77-1, MB77-2, MB77-3, and MB77-4.

No. 895. New Business Concerns and Business Failures: 1970 to 1982

[See also *Historical Statistics, Colonial Times to 1970*, series V 21-24]

FORMATIONS AND FAILURES	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Business formations:													
Index, net formations [1] (1967=100)	106.4	108.5	115.9	114.9	109.2	107.0	115.6	123.2	128.2	128.3	122.4	118.6	113.0
New incorporations (1,000)	264	288	317	329	319	326	376	438	478	525	534	582	(NA)
Failures, number [2] (1,000)	10.7	10.3	9.6	9.3	9.9	11.4	9.6	7.9	6.6	7.6	11.7	16.8	(NA)
Rate per 10,000 concerns	44	42	38	36	38	43	35	28	24	28	42	61	(NA)

NA Not available. [1] Source: U.S. Bureau of Economic Analysis. [2] See footnote 2, table 896.

Source: Except as noted, Dun & Bradstreet, New York, N.Y., *Monthly New Business Incorporation Report.*

No. 896. Industrial and Commercial Failures—Number and Liabilities: 1946 to 1981

[Excludes Hawaii prior to 1975, Alaska prior to 1976. Excludes all railroad failures. Excludes real estate and financial companies. See also *Historical Statistics, Colonial Times to 1970*, series V 20-30]

YEARLY AVERAGE OR YEAR	Total concerns in business [1] (1,000)	FAILURES [2] Number	Rate per 10,000 concerns	Current liabilities [3] (mil. dol.)	Average liability ($1,000)
1946-1950	2,493	5,652	21	213	45
1951-1955	2,635	9,317	35	370	39
1956-1960	2,674	14,177	53	708	50
1961-1965	2,565	14,849	57	1,261	86
1966-1970	2,481	10,993	44	1,324	121
1971-1975	2,559	10,117	40	2,730	270
1976-1980	2,770	8,694	31	3,213	371
1965	2,527	13,514	53	1,322	98
1966	2,520	13,061	52	1,386	106
1967	2,519	12,364	49	1,265	102
1968	2,481	9,636	39	941	98
1969	2,444	9,154	37	1,142	125
1970	2,442	10,748	44	1,888	176
1971	2,466	10,326	42	1,917	186
1972	2,490	9,566	38	2,000	209
1973	2,567	9,345	36	2,299	246
1974	2,591	9,915	38	3,053	308
1975	2,679	11,432	43	4,380	383
1976	2,782	9,628	35	3,011	313
1977	2,793	7,919	28	3,095	391
1978	2,786	6,619	24	2,656	401
1979	2,708	7,564	28	2,667	353
1980	2,780	11,742	42	4,635	395
1981	2,745	16,794	61	6,955	414

[1] Data represent number of names listed in July issue of *Dun & Bradstreet Reference Book.* [2] Includes concerns discontinued following assignment, voluntary or involuntary petition in bankruptcy, attachment, execution, foreclosure, etc.; voluntary withdrawals from business with known loss to creditors; also enterprises involved in court action, such as receivership and reorganization or arrangement which may or may not lead to discontinuance; and businesses making voluntary compromise with creditors out of court. [3] Liabilities exclude long-term publicly held obligations; offsetting assets are not taken into account.

No. 897. Industrial and Commercial Failures—Number and Liabilities, by States: 1980 and 1981

STATE	NUMBER 1980	NUMBER 1981	CURRENT LIABILITIES [1] (mil. dol.) 1980	CURRENT LIABILITIES [1] (mil. dol.) 1981	STATE	NUMBER 1980	NUMBER 1981	CURRENT LIABILITIES [1] (mil. dol.) 1980	CURRENT LIABILITIES [1] (mil. dol.) 1981	STATE	NUMBER 1980	NUMBER 1981	CURRENT LIABILITIES [1] (mil. dol.) 1980	CURRENT LIABILITIES [1] (mil. dol.) 1981
U.S	**11,742**	**16,794**	**4,635.1**	**6,955.2**	**W.N.C.—Con.**					**W.S.C**	**1,378**	**1,599**	**613.6**	**810.6**
										Ark	93	138	43.6	57.0
N.E	**464**	**553**	**217.0**	**255.4**	Mo	112	176	39.0	36.8	La	133	205	77.2	71.3
Maine	62	77	23.7	16.5	N. Dak	61	51	12.6	16.1	Okla	254	216	83.7	110.9
N.H	15	11	1.5	3.7	S. Dak	69	67	19.7	24.1	Tex	898	1,040	409.1	571.4
Vt	12	25	1.7	8.4	Nebr	119	133	31.0	47.0					
Mass	235	226	145.1	158.3	Kans	142	187	24.6	45.1	**Mt**	**416**	**757**	**99.8**	**233.7**
R.I	18	36	10.7	11.9	**S.A**	**1,127**	**1,942**	**350.1**	**637.1**	Mont	86	64	26.7	9.8
Conn	122	178	34.2	56.6	Del	17	48	5.0	9.1	Idaho	58	59	12.6	24.1
M.A	**1,580**	**2,143**	**703.9**	**2,285.7**	Md	127	177	20.5	50.7	Wyo	2	2	.2	1.1
N.Y	593	823	362.3	1,374.2	D.C	-	24	-	66.8	Colo	133	224	36.8	45.9
N.J	430	521	182.7	372.6	Va	234	378	55.6	107.8	N.Mex	53	80	9.2	12.9
Pa	557	799	158.9	538.9	W. Va	36	136	45.1	67.5	Ariz	16	91	1.9	24.2
E.N.C	**2,091**	**2,825**	**1,279.6**	**749.3**	N.C	194	305	51.2	71.8	Utah	28	155	4.6	85.2
Ohio	432	660	91.2	138.5	S.C	-	41	-	15.5	Nev	40	82	8.0	30.3
Ind	211	219	58.5	57.1	Ga	237	283	104.2	94.9					
Ill	653	726	175.9	198.7	Fla	282	550	68.4	153.1	**Pac**	**2,962**	**4,632**	**808.8**	**1,229.5**
Mich	604	867	904.6	251.8	**E.S.C**	**841**	**1,134**	**234.1**	**265.9**	Wash	696	820	125.0	151.3
Wis	191	353	49.4	103.2	Ky	153	223	34.6	54.8	Oreg	255	820	127.5	146.5
W.N.C	**883**	**1,209**	**328.2**	**488.0**	Tenn	449	603	115.0	129.0	Calif	1,849	2,849	521.7	897.7
Minn	280	343	176.0	249.8	Ala	154	148	61.9	41.9	Hawaii	83	89	21.6	23.5
Iowa	100	252	25.3	69.1	Miss	85	160	22.6	40.2	Alaska	79	54	12.9	10.5

- Represents zero. [1] See headnote, and footnotes 2 and 3, table 896.

Source of tables 896 and 897: Dun & Bradstreet, New York, N.Y., *The Failure Record Through 1980*, and *Monthly Failure Report.*

No. 898. Industrial and Commercial Failures—Number and Liabilities, by Industry and Size of Liability: 1970 to 1981

[Excludes Hawaii prior to 1975, Alaska prior to 1978. See footnotes 2 and 3, table 896]

Industry and size of liability	Failures						Current liabilities (mil. dol.)					
	1970	1975	1978	1979	1980	1981	1970	1975	1978	1979	1980	1981
Total	**10,748**	**11,432**	**6,619**	**7,564**	**11,742**	**16,794**	**1,888**	**4,380**	**2,656**	**2,667**	**4,635**	**6,955**
Mining and manufacturing	2,035	1,645	1,013	1,165	1,599	2,223	818	1,021	879	970	1,885	2,369
Under $100,000	1,069	789	381	424	501	731	43	35	18	21	25	37
$100,000 and over	966	856	632	741	1,098	1,492	775	986	861	949	1,860	2,332
Wholesale trade	984	1,089	740	908	1,284	1,709	179	407	346	421	591	1,130
Under $100,000	650	611	313	342	466	590	27	28	15	17	24	31
$100,000 and over	334	478	427	566	816	1,119	152	379	331	404	567	1,099
Retail trade	4,650	4,799	2,889	3,183	4,910	6,882	361	1,836	777	637	994	1,559
Under $100,000	3,984	3,520	1,916	1,920	2,698	3,739	124	136	86	88	130	190
$100,000 and over	666	1,279	973	1,263	2,212	3,143	236	1,700	692	549	864	1,369
Construction	1,687	2,262	1,204	1,378	2,355	3,614	232	641	328	291	752	852
Under $100,000	1,229	1,433	650	718	1,147	1,840	42	58	28	33	56	88
$100,000 and over	458	829	554	660	1,208	1,774	190	583	300	258	696	764
Commercial service	1,392	1,637	773	930	1,594	2,366	299	475	326	348	413	1,046
Under $100,000	*1,087*	*1,151*	*452*	*526*	*868*	*1,333*	*33*	*42*	*18*	*21*	*38*	*60*
$100,000 and over	305	486	321	404	726	1,033	265	433	308	327	375	986

Source: Dun & Bradstreet, New York, N.Y., *The Failure Record Through 1980,* and *Monthly Failure Report.*

No. 899. Bankruptcy Estates Filed and Pending: 1905 to 1982

[**In thousands.** For years ending **June 30,** except **1905** ending **Sept. 30.** Covers all U.S. bankruptcy courts. Bankruptcy estates "Filed" means the commencement of a proceeding through the presentation of a petition to the clerk of the bankruptcy court; "Pending" is a proceeding in which the administration has not been completed]

Year	Filed	Pending	Year	Filed	Pending	Year	Filed	Pending	Year	Filed	Pending
1905	17	28	1945	13	21	1965	180	162	1973	173	189
1910	18	28	1950	33	38	1966	192	169	1974	190	201
1915	28	44	1955	59	56	1967	208	185	1975	254	262
1920	14	30	1960	110	95	1968	198	184	1976	247	271
1925	46	60	1961	147	124	1969	135	179	1977	214	254
1930	63	61	1962	148	134	1970	194	191	1978	203	240
1935	69	65	1963	155	148	1971	201	201	1979	226	258
1940	53	55	1964	172	157	1972	183	197	1980	361	421
									1981	519	618
									1982	528	733

No. 900. Bankruptcy Estates Filed, by Type of Bankruptcy and Chapter of the Bankruptcy Act/Code: 1973 to 1982

[For years ended June 30]

Item		1973	1974	1975	1976	1977	1978	1979	1980 [1]	1981	1982
Total		***173,197***	***189,513***	***254,484***	***246,549***	***214,399***	***202,951***	***226,476***	***[2] 360,957***	***519,063***	***527,811***
Business		17,490	20,746	30,130	35,201	32,189	30,528	29,500	46,071	66,333	77,725
Non-business		155,707	168,767	224,354	211,348	182,210	172,423	196,976	314,886	452,730	450,086
Voluntary		172,200	188,493	253,198	245,383	213,257	201,944	225,549	359,768	517,729	526,276
Involuntary		997	1,020	1,286	1,166	1,142	1,007	927	1,184	1,333	1,535
Act	Code										
Chapters I–VII	Chapter 7 [3]	145,914	157,971	209,330	209,067	181,194	168,771	183,259	275,850	381,995	367,144
Chapter IX	Chapter 9 [4]	–	2	–	2	1	2	1	–	1	4
Chapter X	(x)	101	163	189	141	96	75	63	17	3	2
Chapter XI	*Chapter 11 [5]*	*1,458*	*2,171*	*3,506*	*3,235*	*3,046*	*3,266*	*3,042*	*5,441*	*3,781*	*16,216*
Chapter XII	(x)	92	172	280	525	640	650	669	212	1	1
Chapter XIII	Chapter 13 [6]	25,632	29,019	41,178	33,579	29,422	30,185	39,442	79,432	128,281	144,444
Section 77 [7]	(x)	–	15	1	–	–	2	–	–	–	–
(x)	Section 304 [8]	(x)	(x)	(x)	(x)	(x)	(x)	(x)	5	1	–

– Represents zero. X Not applicable. [1] For the first three months of 1980 the judiciary operated under the Bankruptcy Act and for the last nine months under both the Bankruptcy Act and the new bankruptcy code established by the Bankruptcy Reform Act of 1978. [2] Includes five Section 304 cases filed under the Reform Act in 1980 and 1 in 1981 which are not included in the subcategories of voluntary/involuntary. [3] Chapter 7, liquidation of non-exempt assets of businesses or individuals. [4] Chapter 9, adjustment of debts of a *municipality.* [5] *Chapter* 11, *individual* or business reorganization. [6] Chapter 13, adjustment of debts of an individual with regular income. [7] Section 77, railroad reorganization, no longer applies. Subchapter IV of Chapter 11 now provides for railroad reorganization. [8] 11 U.S.C., Section 304, cases ancillary to foreign proceedings.

Source of tables 899 and 900: Administrative Office of the U.S. Courts, *Annual Report of the Director.*

No. 901. Gross Domestic Product (GDP) of Corporate Business: 1965 to 1982

[**In billions of dollars.** For explanation of GDP, see text, p. 445. Excludes gross product originating in the rest of the world. Minus sign (−) indicates negative value. See *Historical Statistics, Colonial Times to 1970*, series V 141-166, for single-year figures prior to revisions issued in 1981]

ITEM	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Gross domestic product (GDP)	**414**	**597**	**938**	**1,054**	**1,193**	**1,355**	**1,505**	**1,638**	**1,855**	**1,897**
Net domestic product	380	543	838	944	1,071	1,217	1,348	1,459	1,652	1,675
Indirect business tax [1]	44	66	102	110	118	128	137	156	185	188
Domestic income	336	477	736	834	953	1,089	1,211	1,303	1,467	1,487
Compensation of employees	260	401	617	694	783	895	1,015	1,112	1,230	1,282
Corporate profits with IVA and CCAdj [2]	76	65	98	124	152	173	164	146	169	143
Profits before tax	73	69	119	152	180	209	222	205	203	152
Profits tax liability	31	34	51	64	73	83	88	85	83	59
Profits after tax	42	35	69	88	107	126	134	120	120	93
Dividends	16	19	25	29	30	36	38	40	50	54
Undistributed profits	26	16	44	59	76	90	97	80	70	39
IVA [2]	−1	−7	−12	−15	−16	−24	−43	−43	−24	−8
CCAdj [2]	4	3	−10	−14	−11	−13	−15	−16	−11	−1
Net interest	1	11	21	16	18	22	32	46	68	62
Capital consumption allowances [3]	33	54	99	110	121	138	158	179	203	222
GDP of nonfinancial corporate business	**394**	**564**	**890**	**1,001**	**1,128**	**1,276**	**1,417**	**1,541**	**1,740**	**1,777**
Net domestic product	361	511	795	897	1,013	1,145	1,267	1,371	1,548	1,567
Indirect business tax [1]	41	63	97	105	113	122	131	148	176	179
Domestic income	320	448	698	791	900	1,023	1,137	1,223	1,371	1,388
Compensation of employees	246	378	581	654	739	844	958	1,046	1,156	1,199
Corporate profits with IVA and CCAdj [2]	68	53	86	107	129	142	135	120	150	124
Profits before tax	65	57	107	135	156	178	192	178	183	132
Profits after tax	38	30	66	82	97	112	123	111	117	90
IVA [2]	−1	−7	−12	−15	−16	−24	−43	−43	−24	−8
CCAdj [2]	4	2	−10	−13	−11	−12	−14	−15	−9	1
Net interest	6	17	31	30	32	37	44	56	65	65
Capital consumption allowances [3]	33	52	95	105	116	131	150	170	192	210
CONSTANT (1972) DOLLARS										
GDP of nonfinancial corporate business	**495**	**600**	**694**	**746**	**796**	**846**	**876**	**860**	**887**	**858**
Net domestic product	452	543	622	671	718	765	790	770	794	761
Indirect business tax [1]	54	67	79	83	87	91	93	93	95	94
Domestic income	398	475	543	588	631	674	698	677	699	667

[1] Plus business transfer payments less subsidies. [2] Inventory valuation and capital consumption adjustments.
[3] With capital consumption adjustment.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July 1983.

No. 902. Rates of Return on Current-Dollar Net Reproducible Tangible Nonfinancial Corporate Capital Stock Using Various Profit Measures: 1960 to 1982

[**In percent.** The profits concept emphasized in the national income and product account (NIPA) is profits from current production. The NIPA measure excludes capital gains and losses from income and resembles Pigou's concept in that NIPA profits are the excess of income over expenses beyond that necessary to maintain tangible capital intact. See A.C. Pigou, "Maintaining Capital Intact," *Economica* (August 1941): 271-75. See source pp. 30-42 for details]

YEAR	NIPA profits	NIPA profits plus net interest	After-tax NIPA profits	After-tax NIPA profits plus net interest	Reported profits [1]	Reported profits plus net interest	After-tax reported profits	After-tax reported profits plus net interest
1960	10.2	11.1	4.9	5.9	10.8	11.8	5.5	6.5
1965	14.8	16.1	8.8	10.2	14.2	15.6	8.1	9.6
1970	7.1	9.5	3.5	5.8	7.7	10.0	3.8	6.3
1971	7.8	10.1	4.1	6.3	8.2	10.5	4.2	6.7
1972	8.5	10.7	4.6	6.8	8.9	11.1	4.9	7.2
1973	8.2	10.6	4.0	6.4	10.0	12.4	5.5	8.2
1974	5.5	8.1	1.9	4.4	9.1	11.7	5.2	8.1
1975	6.5	8.8	3.4	5.7	8.1	10.4	4.6	7.3
1976	7.5	9.6	3.8	5.9	9.4	11.5	5.4	7.8
1977	8.2	10.2	4.4	6.4	9.9	11.9	6.1	8.1
1978	8.0	10.0	4.2	6.3	10.0	12.1	6.3	8.3
1979	6.6	8.8	3.2	5.4	9.4	11.6	6.0	8.2
1980	5.2	7.6	2.3	4.7	7.7	10.1	4.8	7.2
1981	5.9	8.4	3.3	5.8	7.1	9.7	4.6	7.1
1982	4.6	6.9	3.0	5.4	4.8	7.2	3.3	5.7

[1] Represents profits before tax which is equal to NIPA profits less the inventory valuation and capital consumption adjustments, closest to profits as measured on corporation's own books.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, January 1983.

No. 903. Nonfinancial Corporate Business-Sector Balance Sheet: 1965 to 1982

[In billions of dollars. Represents year-end outstandings. 1982 preliminary]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total assets	**825**	**1,241**	**1,674**	**1,946**	**2,090**	**2,274**	**2,523**	**2,857**	**3,295**	**3,696**	**4,027**	**4,106**
Tangible assets	566	871	1,148	1,429	1,532	1,662	1,852	2,093	2,404	2,698	2,972	3,032
Reproducible	*469*	*758*	*1,011*	*1,267*	*1,361*	*1,476*	*1,646*	*1,859*	*2,138*	*2,405*	*2,664*	*2,731*
Land	97	113	137	163	171	186	206	234	266	294	308	301
Financial assets	259	370	526	517	558	612	672	764	892	998	1,054	1,074
Liquid assets	63	69	101	105	125	140	143	153	172	188	206	216
Demand deposits and currency	33	44	46	48	54	56	59	63	69	76	75	76
Time deposits	9	5	17	20	22	24	29	31	36	40	55	60
Consumer credit	15	17	22	22	23	24	26	28	29	30	32	32
Trade credit	119	189	267	244	249	268	304	360	432	479	496	490
Miscellaneous assets	62	94	137	145	160	179	198	223	258	300	321	336
Total liabilities	**349**	**542**	**733**	**743**	**771**	**834**	**928**	**1,068**	**1,232**	**1,354**	**1,484**	**1,553**
Credit market instruments	222	355	461	527	548	590	660	737	836	916	1,019	1,094
Profit taxes payable	20	11	16	17	14	22	20	24	24	17	10	(Z)
Trade debt	98	162	235	174	180	191	213	264	318	352	366	361
Foreign direct investment in U.S.	9	13	21	25	28	31	35	42	54	68	90	98
Net worth	**476**	**699**	**942**	**1,203**	**1,319**	**1,440**	**1,595**	**1,790**	**2,064**	**2,342**	**2,542**	**2,553**

Z Less than $500 million.

Source: Board of Governors of the Federal Reserve System, *Balance Sheets For U.S. Economy.*

No. 904. Working Capital of Nonfinancial Corporations: 1972 to 1982

[In billions of dollars, except ratios. As of **December 31.** Covers all nonfinancial U.S. corporations]

ITEM	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Current assets	**599.3**	**697.8**	**734.6**	**756.3**	**823.1**	**900.9**	**1,028.1**	**1,200.9**	**1,281.6**	**1,374.5**	**1,430.9**
Cash on hand and in banks [1]	59.0	66.3	73.0	80.0	86.8	94.3	103.7	116.1	121.0	126.6	143.7
U.S. Government securities	10.6	12.8	11.3	19.6	26.0	18.7	17.8	15.6	17.3	19.2	23.1
Receivables, total [2]	*248.2*	*288.5*	*265.5*	*272.1*	*292.4*	*325.0*	*381.9*	*456.8*	*491.2*	*528.0*	*517.0*
Inventories	225.7	263.9	318.9	314.7	341.4	375.6	428.3	501.7	525.4	560.2	577.5
Other current assets	55.8	66.4	65.9	69.9	76.4	87.3	96.3	110.7	126.7	140.5	169.6
Current liabilities	**375.6**	**450.9**	**451.8**	**446.9**	**487.5**	**546.8**	**661.9**	**809.1**	**877.2**	**923.2**	**976.5**
Payables	282.9	340.3	272.3	261.2	273.2	313.7	375.1	456.3	498.3	520.4	548.7
Other current liabilities	92.7	110.7	179.5	185.7	214.2	233.1	286.8	352.8	378.9	402.9	427.8
Net working capital	**223.7**	**246.9**	**282.8**	**309.5**	**335.6**	**354.1**	**366.2**	**391.8**	**404.4**	**451.3**	**454.4**
Liquidity ratio [3]	.334	.323	.332	.379	.358	.366	.329	.300	.302	.310	.344
Current ratio [4]	1.595	1.548	1.626	1.693	1.688	1.648	1.553	1.484	1.461	1.489	1.465

[1] Includes time certificates of deposits. [2] Includes U.S. Government receivables. [3] Cash plus U.S. Government securities plus "other current assets," divided by "current liabilities." [4] "Current assets" divided by "current liabilities."

Source: Through 1981, U.S. Federal Trade Commission, thereafter, U.S. Bureau of the Census. In Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin.*

No. 905. Largest Manufacturing Corporations—Percent Share of Assets Held: 1955 to 1982

[Prior to 1970, excludes newspapers. Data prior to 1974 not strictly comparable with later years.]

CORPORATION RANK GROUP	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
100 largest	44.3	46.4	46.5	48.5	44.7	44.4	45.0	45.4	45.9	45.5	46.1	46.7	46.8	47.7
200 largest	53.1	56.3	56.7	60.4	56.9	56.7	57.5	58.0	58.5	58.3	59.0	59.7	60.0	60.8

Source: Through 1981, U.S. Federal Trade Commission, thereafter, U.S. Bureau of the Census, unpublished data.

No. 906. Largest Manufacturing Companies—Percent Share of Total Value Added by Manufacture: 1947 to 1977

["Largest companies" are those which were largest in each of the specified years in terms of value added. For details, see Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series P 177-180]

COMPANY RANK	1947 Census	1954 Census	1958 Census	1962 ASM	1963 Census	1966 ASM	1967 Census	1970 ASM	1972 Census	1976 ASM	1977 Census
Largest 50 companies	17	23	23	24	25	25	25	24	25	24	24
Largest 100 companies	23	30	30	32	33	33	33	33	33	34	33
Largest 150 companies	27	34	35	36	37	38	38	38	39	40	39
Largest 200 companies	30	37	38	40	41	42	42	43	43	44	44

Source: U.S. Bureau of the Census, *Census of Manufactures* and *Annual Survey of Manufactures (ASM).*

No. 907. Active Corporation Income Tax Returns—Selected Items: 1965 to 1980

[**In billions of dollars, except number of returns.** Federal returns and active corporations only. See headnote, table 532. See also *Historical Statistics, Colonial Times to 1970,* series V 129-136]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980
Number of returns (1,000)	1,424	1,666	1,966	2,024	2,082	2,242	2,377	2,557	2,711
Returns with—									
Assets, end of year (1,000)	1,380	1,619	1,903	1,952	2,017	2,185	2,306	2,487	2,632
Net income (1,000)	915	1,008	1,208	1,226	1,274	1,425	1,524	1,586	1,597
Income tax less credits [1] (1,000)	(NA)	735	803	733	749	776	854	962	989
Total receipts [2]	1,194.6	1,750.8	3,089.7	3,198.6	3,635.5	4,128.3	4,714.6	5,598.7	6,361.3
Business receipts	1,120.4	1,620.9	2,854.8	2,961.7	3,370.4	3,813.9	4,353.7	5,136.1	5,731.6
Interest [3]	37.2	71.6	143.0	143.3	156.0	176.7	220.9	289.3	366.9
Receipts not specified	22.0	38.8	55.5	63.1	71.0	92.4	90.6	108.4	184.6
Total deductions [2]	1,119.9	1,682.8	2,941.5	3,052.7	3,448.9	3,908.8	4,467.2	5,315.7	6,125.4
Cost of sales and operations	793.0	1,146.3	2,068.1	2,129.9	2,416.6	2,725.0	3,113.4	3,709.7	4,204.9
Interest paid	26.4	62.1	132.9	129.3	135.1	152.9	192.4	261.3	344.6
Deductions not specified	249.9	395.5	605.5	658.9	746.3	857.3	963.6	1,117.4	1,316.5
Receipts less deductions	74.7	67.9	148.2	146.0	186.6	219.5	247.4	283.0	235.9
Net income less deficit	73.9	65.9	146.0	142.6	185.4	219.2	246.9	284.6	239.0
Income tax [4]	31.7	33.3	66.1	66.1	83.2	96.3	107.9	120.0	105.1
Income tax less credits [1]	27.3	27.9	41.1	39.7	49.8	56.7	64.4	65.9	63.0
Distributions to stockholders [5]	26.0	32.0	49.3	45.2	54.6	61.5	70.3	86.6	97.4

NA Not available. [1] Credits includes foreign tax, investment, work incentive (WIN) (beginning 1974), U.S. possessions tax (beginning 1976), jobs (beginning 1977) nonconventional source fuel, and alcohol fuel credits (beginning 1980). [2] Includes items not shown separately. [3] Includes interest on Government obligations and other interest. [4] Income tax is before deductions for credit; see footnote 1. Includes tax from recomputing prior-year investment credit; 1970, includes tax surcharge. Beginning 1970, includes additional tax for tax preferences; beginning 1974, includes tax from recomputing prior-year work incentive (WIN) credit. [5] Other than own stock.

Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns,* annual.

No. 908. Active Corporations—Income Tax Returns, by Asset Size: 1965 to 1980

[Figures are estimates based on samples of active corporations filing income tax returns; see Appendix III. See *Historical Statistics, Colonial Times to 1970,* series V 42, for total active corporations]

ASSET SIZE-CLASS	NUMBER OF RETURNS (1,000)						TOTAL ASSETS (bil. dol.)					
	1965	1970	1975	1978	1979	1980	1965	1970	1975	1978	1979	1980
Total	**1,424.0**	**1,665.5**	**2,023.6**	**2,376.8**	**2,556.8**	**2,710.5**	**1,724**	**2,635**	**4,287**	**6,014**	**6,835**	**7,617**
Under $100,000 [1]	846.2	961.0	1,882.3	1,320.9	1,403.3	1,514.6	28	32	255	43	46	49
$100,000-$1 mil	490.7	599.1		862.2	940.3	968.9	143	178		274	301	311
$1 mil.-$10 mil	73.5	87.0	116.4	162.3	180.5	191.8	206	240	310	425	468	501
$10 mil.-$25 mil	7.4	9.8	12.2	15.2	15.3	16.6	115	153	193	241	241	262
$25 mil.-$50 mil	2.9	3.9	5.6	6.9	7.3	7.8	99	135	195	242	258	277
$50 mil.-$100 mil	1.5	2.1	3.1	4.1	4.4	4.8	104	145	213	288	311	344
$100 mil.-$250 mil	1.1	1.4	2.1	2.7	3.0	3.2	165	222	331	423	462	514
$250 mil. and over	.8	1.2	1.9	2.5	2.7	2.9	862	1,530	2,790	4,078	4,748	5,358

[1] Includes returns with zero assets.

Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns,* annual.

No. 909. Active Corporations—Assets and Liabilities: 1965 to 1980

[**In billions of dollars.** See headnote, table 532. For number of income tax returns, see table 907. See also *Historical Statistics, Colonial Times to 1970,* series V 108-127]

ASSETS AND LIABILITIES	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Assets [1]	**1,724**	**2,635**	**2,889**	**3,257**	**3,649**	**4,016**	**4,287**	**4,721**	**5,326**	**6,014**	**6,835**	**7,617**
Cash	117	177	196	228	259	281	290	315	362	413	462	529
Notes and accounts receivable [2]	392	595	650	762	891	998	1,021	1,137	1,304	1,551	1,771	1,935
Inventories	126	190	199	224	263	312	318	351	396	443	503	535
Mortgage and real estate loans	(NA)	328	366	418	463	506	548	599	661	762	841	894
Capital assets [3]	395	600	634	685	750	831	892	969	1,076	1,196	1,348	1,512
Liabilities [1]	**1,724**	**2,635**	**2,889**	**3,257**	**3,649**	**4,016**	**4,287**	**4,721**	**5,326**	**6,014**	**6,835**	**7,617**
Notes and accounts payable [4]	174	320	334	386	461	539	536	579	666	784	933	1,047
Other current liabilities	583	892	1,005	1,163	1,316	1,459	1,577	1,791	2,063	2,336	2,583	2,707
Bonded debt and mortgages [5]	210	363	403	445	493	542	587	638	694	781	885	987
Surplus and undivided profits [6] (net)	375	551	599	666	730	776	843	938	1,064	1,195	1,364	1,527

NA Not available. [1] Includes assets, or liabilities, not shown separately. [2] Less allowance for bad debts. Includes loans and discounts of banks, except mortgage and real estate loans. [3] Less depreciation, amortization, and depletion reserves. Includes land and intangible assets. [4] Includes bonds, notes, and mortgages payable with maturity of less than 1 year. [5] With maturity of 1 year or more. [6] Beginning 1970, reduced by cost of treasury stock.

Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns,* annual.

No. 910. Active Corporations—Income Tax Returns, by Asset Size-Class, 1979 and 1980 and By Industry, 1980

[In billions of dollars, except as indicated. See headnote and footnotes, table 532. See also *Historical Statistics, Colonial Times to 1970*, series V 167-183 and V 193-196]

Industry and item	Total	Asset size-class					
		Under 10 mil. dol.[1]	10-24.9 mil. dol.	25-49.9 mil. dol.	50-99.9 mil. dol.	100-249.9 mil. dol.	250 mil. dol. and over
1979, all industrial divisions: [2]							
Number of returns	2,556,794	2,524,070	15,279	7,323	4,436	3,006	2,680
Total assets or liabilities	6,835.1	814.6	241.3	258.3	310.8	462.2	4,747.9
Total receipts	5,598.7	1,890.1	264.1	191.0	211.2	299.0	2,743.2
Total deductions [3]	5,315.7	1,842.8	252.8	181.8	200.4	283.2	2,554.7
Cost of sales and operations	3,709.7	1,321.3	190.5	127.9	142.5	196.4	1,731.1
Interest and taxes paid	389.0	78.2	13.6	14.1	17.2	24.8	241.1
Depreciation and amortization	139.5	34.9	5.2	3.6	3.9	6.2	85.6
Depletion	7.8	.5	.2	.2	.2	.5	6.2
Net income less deficit [4]	284.6	47.1	10.9	8.7	10.2	15.3	192.4
Income tax [5]	120.0	18.1	4.7	3.8	4.0	6.3	83.1
1980, all industrial divisions: [2]							
Number of returns	2,710,538	2,675,275	16,557	7,783	4,803	3,203	2,877
Total assets or liabilities	7,617.2	862.0	261.5	277.4	344.3	514.1	5,358.0
Total receipts	6,361.3	1,990.5	307.4	214.5	246.4	371.0	3,229.5
Total deductions [3]	6,125.4	1,953.0	296.8	205.4	236.0	355.5	3,076.8
Cost of sales and operations	4,204.9	1,364.4	223.4	146.3	167.3	248.7	2,053.5
Interest and taxes paid	507.6	92.1	16.4	17.0	21.6	31.5	328.8
Depreciation and amortization	158.7	39.1	6.1	4.3	4.9	7.5	96.7
Depletion	8.9	.7	.2	.2	.3	.4	7.1
Net income less deficit [4]	239.0	37.2	10.3	8.4	9.8	14.8	158.4
Income tax [5]	105.1	17.3	4.8	3.8	4.1	6.4	68.8
Percent distribution:							
Number of returns	100.0	98.7	.6	.3	.2	.1	.1
Total assets or liabilities	100.0	11.3	3.4	3.6	4.5	6.8	70.4
Total receipts	100.0	31.3	4.8	3.4	3.9	5.8	50.8
Total deductions	100.0	31.9	4.8	3.4	3.9	5.8	50.2
Net income less deficit [4]	100.0	15.6	4.3	3.5	4.1	6.2	66.3
Income tax [5]	100.0	16.5	4.6	3.6	3.9	6.1	65.5
Agriculture, forestry, and fishing:							
Number of returns	80,883	80,654	166	43	7	9	4
Total assets or liabilities	40.7	32.5	2.4	1.6	.6	1.4	2.3
Total receipts	52.1	38.0	3.4	2.8	1.4	1.3	5.3
Mining:							
Number of returns	25,576	24,752	429	182	84	64	59
Total assets or liabilities	126.9	16.9	6.5	6.3	6.4	10.3	80.6
Total receipts	176.7	20.9	4.8	4.7	5.2	10.7	130.3
Construction:							
Number of returns	272,432	271,184	865	221	103	41	18
Total assets or liabilities	132.9	83.9	13.1	7.6	7.7	8.3	12.3
Total receipts	267.2	198.1	21.6	9.8	8.9	8.5	20.3
Manufacturing:							
Number of returns	242,550	236,034	3,475	1,182	701	532	629
Total assets or liabilities	1,709.5	151.1	54.0	43.4	51.7	92.5	1,316.7
Total receipts	2,404.3	353.9	100.4	71.3	79.2	132.9	1,664.7
Transportation and public utilities:							
Number of returns	111,324	110,074	559	214	114	107	256
Total assets or liabilities	758.4	35.3	8.6	7.7	8.4	17.4	681.0
Total receipts	523.8	73.3	11.9	9.4	10.8	15.1	403.3
Wholesale and retail trade:							
Number of returns	799,628	795,009	2,857	836	461	282	184
Total assets or liabilities	646.9	289.0	43.0	29.0	35.0	51.3	199.5
Total receipts	1,955.5	1,009.8	131.6	83.0	98.9	141.8	490.4
Finance, insurance, real estate: [6]							
Number of returns	493,426	474,156	7,438	4,856	3,188	2,092	1,683
Total assets or liabilities	4,022.2	160.7	121.9	172.8	223.0	320.5	3,023.4
Total receipts	697.5	89.0	20.2	29.6	30.2	48.6	485.9
Services:							
Number of returns	671,338	670,067	755	249	143	76	49
Total assets or liabilities	178.2	91.4	11.8	9.0	11.5	12.4	42.2
Total receipts	279.9	204.1	12.8	9.9	11.8	12.1	29.3

[1] Includes returns of corporations with zero assets. [2] Includes data not shown separately. [3] Includes deductions not specified. For deductions detail, see table 907. [4] Excludes wholly tax-exempt interest but includes income from related foreign corporations considered received for tax purposes only. [5] Income tax is before deductions for foreign tax, U.S. possessions tax, investment, work incentive (WIN) jobs, nonconventional source fuel and alcohol fuel credits. Includes additional tax for tax preferences, taxes from recomputing prior year investment, and work incentive (WIN) credits. [6] Includes lessors of real property.

Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns, annual.*

No. 911. Fixed Nonresidential Private Capital—Cost Valuation in Current and Constant (1972) Dollars: 1965 to 1982

[**In billions of dollars.** Stocks as of **Dec. 31**; depreciation over entire calendar year. Data refer to privately owned assets and are based on the fixed capital formation components of the gross national product. Excludes residential capital and government enterprises; includes nonprofit institutions. Gross stocks allow for retirement; net stocks allow for retirement and depreciation. Estimates are based on straight-line depreciation and 85 percent of service lives given in *Bulletin F*, Internal Revenue Service. For single-year figures prior to revisions issued in 1981 and data in constant (1958) dollars, see *Historical Statistics of the United States, Colonial Times to 1970*, series F 480–527]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
	CURRENT DOLLARS										
All industries: [1]											
Gross stocks	851.6	1,363.6	2,262.1	2,470.6	2,670.8	3,003.9	3,414.8	3,920.1	4,467.4	4,994.1	5,309.3
Equipment	411.5	645.1	1,010.8	1,157.3	1,277.7	1,433.6	1,626.1	1,858.5	2,130.0	2,389.7	2,566.5
Structures	440.1	718.6	1,251.3	1,313.3	1,393.0	1,570.3	1,788.6	2,061.7	2,337.5	2,604.3	2,742.8
Net stocks	487.2	807.3	1,334.7	1,440.8	1,542.8	1,726.8	1,960.3	2,248.2	2,550.4	2,841.7	2,995.2
Equipment	226.7	368.9	576.0	651.4	712.5	797.6	907.3	1,038.8	1,182.9	1,318.8	1,393.0
Structures	260.5	438.4	758.7	789.4	830.3	929.3	1,053.0	1,209.4	1,367.6	1,522.9	1,602.3
Depreciation	43.9	69.8	106.9	126.8	139.0	154.4	175.2	201.6	231.5	262.5	288.8
Equipment	30.0	47.5	70.2	84.8	94.7	106.0	119.7	137.0	156.9	178.1	196.6
Structures	13.9	22.2	36.7	42.0	44.4	48.3	55.5	64.6	74.6	84.4	92.2
Manufacturing:											
Gross stocks	217.2	343.6	529.2	577.3	623.0	703.1	797.5	922.4	1,053.1	1,169.1	1,234.7
Equipment	126.1	198.1	299.4	348.3	386.0	438.7	496.5	577.6	668.5	756.3	809.5
Structures	91.1	145.5	229.7	229.1	237.0	264.4	301.0	344.8	384.6	412.8	425.2
Net stocks	116.4	191.2	292.7	319.3	343.9	387.3	438.2	508.8	579.7	640.4	666.9
Equipment	68.2	112.3	170.4	198.2	219.0	248.8	281.0	328.1	377.7	423.2	443.4
Structures	48.1	78.9	122.3	121.2	124.8	138.5	157.2	180.7	202.1	217.2	223.5
Depreciation	12.0	18.9	26.5	31.6	34.5	38.5	43.2	50.1	58.0	65.6	71.5
Equipment	8.8	14.0	19.0	23.3	26.1	29.5	33.2	38.5	44.6	51.3	56.5
Structures	3.1	4.9	7.5	8.3	8.4	8.9	10.1	11.7	13.3	14.3	14.9
Nonfarm nonmfg:											
Gross stocks	570.4	927.2	1,581.5	1,728.6	1,866.0	2,094.2	2,375.8	2,721.5	3,101.5	3,484.3	3,719.1
Equipment	246.7	394.9	629.9	716.4	787.1	877.4	992.5	1,126.4	1,286.0	1,440.7	1,554.8
Structures	323.7	532.3	951.7	1,012.2	1,078.9	1,216.8	1,383.3	1,595.1	1,815.5	2,043.6	2,164.4
Net stocks	335.0	563.1	954.8	1,026.4	1,093.9	1,219.9	1,382.0	1,579.3	1,791.7	2,009.4	2,132.6
Equipment	138.0	226.3	360.3	401.5	434.9	483.1	549.7	624.6	709.2	792.3	844.8
Structures	196.9	334.7	594.5	624.9	658.9	736.8	832.3	954.7	1,082.5	1,217.1	1,287.8
Depreciation	28.3	45.7	72.8	86.2	94.6	104.7	119.2	136.7	156.7	178.2	197.5
Equipment	18.2	29.4	45.4	54.5	60.6	67.5	76.3	86.9	98.9	111.9	124.2
Structures	10.1	16.2	27.4	31.7	34.0	37.2	42.9	49.8	57.7	66.3	73.3
	CONSTANT (1972) DOLLARS										
All industries: [1]											
Gross stocks	1,155.3	1,452.6	1,714.7	1,766.9	1,821.9	1,888.0	1,969.8	2,056.8	2,137.1	2,222.8	2,294.4
Equipment	504.8	665.1	819.2	850.7	885.4	929.4	985.8	1,045.1	1,096.6	1,149.5	1,188.4
Structures	650.5	787.5	895.5	916.1	936.5	958.6	984.0	1,011.7	1,040.6	1,073.4	1,106.0
Net stocks	662.9	860.1	1,012.4	1,033.7	1,056.9	1,089.5	1,135.3	1,184.6	1,226.1	1,271.3	1,301.6
Equipment	276.9	379.7	467.8	480.4	495.7	519.2	553.2	588.7	615.4	642.7	655.7
Structures	386.0	480.3	544.6	553.3	561.2	570.3	582.1	595.9	610.8	628.6	645.9
Depreciation	58.2	76.2	92.1	96.1	99.6	103.8	109.2	115.3	121.3	126.9	132.4
Equipment	37.3	50.8	63.4	66.6	69.4	73.0	77.5	82.8	87.8	92.4	96.7
Structures	20.9	25.4	28.7	29.5	30.1	30.8	31.6	32.5	33.5	34.6	35.7
Manufacturing:											
Gross stocks	296.0	363.6	407.7	420.1	433.6	450.8	469.8	494.7	516.6	537.6	552.4
Equipment	157.3	204.4	241.5	253.0	265.4	281.0	297.8	319.7	338.9	356.9	369.2
Structures	138.7	159.1	166.2	167.1	168.2	169.7	172.0	175.0	177.7	180.7	183.3
Net stocks	158.1	202.2	225.9	232.7	239.7	249.2	259.5	275.1	287.0	297.3	301.3
Equipment	84.8	115.8	137.4	144.3	151.1	160.3	169.7	183.3	193.6	202.2	205.0
Structures	73.2	86.3	88.5	88.4	88.6	88.9	89.9	91.7	93.4	95.1	96.3
Depreciation	15.9	20.4	23.0	24.0	25.0	26.2	27.6	29.4	31.3	33.0	34.6
Equipment	11.1	14.8	17.1	18.0	19.0	20.1	21.5	23.1	25.0	26.6	28.0
Structures	4.8	5.6	5.9	6.0	6.0	6.1	6.1	6.2	6.3	6.5	6.6
Nonfarm nonmfg:											
Gross stocks	772.8	988.7	1,193.3	1,228.5	1,265.1	1,309.0	1,365.9	1,422.7	1,478.0	1,540.7	1,597.0
Equipment	299.6	405.0	514.6	532.0	551.6	577.3	613.6	647.8	678.7	712.8	740.3
Structures	473.2	583.7	678.7	696.5	713.5	731.7	752.4	774.9	799.4	827.9	856.7
Net stocks	456.1	600.7	721.1	732.6	745.8	765.8	797.8	828.6	857.4	892.3	920.0
Equipment	166.9	233.8	295.3	299.4	306.2	319.1	341.8	361.9	378.4	397.6	409.7
Structures	289.2	366.9	425.7	433.2	439.6	446.7	456.0	466.6	479.0	494.7	510.3
Depreciation	37.5	50.1	62.7	65.4	67.7	70.4	74.0	78.1	81.9	85.7	89.7
Equipment	22.5	31.5	41.3	43.3	45.0	47.1	50.1	53.4	56.4	59.3	62.3
Structures	15.0	18.5	21.5	22.1	22.7	23.3	23.9	24.6	25.4	26.4	27.4

[1] Includes farm, not shown separately.

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925–79, Survey of Current Business*, October 1982 and August 1983.

No. 912. Fixed Nonresidential Business Capital—Average Age of Gross Stocks, Constant (1972) Cost Valuation: 1965 to 1982

[**Age in years.** As of **Dec. 31.** See headnote, table 911, and *Historical Statistics, Colonial Times to 1970,* series F 516-527]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
All industries: Gross stocks	11.2	10.3	10.0	10.1	10.1	10.1	10.1	10.0	10.0	10.0	10.0
Equipment	7.0	6.5	6.3	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.3
Structures	14.5	13.5	13.4	13.5	13.7	13.8	13.9	14.0	14.0	14.1	14.1
Manufacturing: Gross stocks	10.7	9.8	9.7	9.6	9.5	9.5	9.4	9.2	9.1	9.0	9.1
Equipment	7.2	6.6	6.6	6.6	6.6	6.5	6.5	6.4	6.4	6.4	6.6
Structures	14.6	14.0	14.2	14.2	14.3	14.3	14.3	14.2	14.2	14.1	14.1
Nonfarm nonmfg.: Gross stocks	11.5	10.4	10.1	10.2	10.3	10.4	10.3	10.3	10.3	10.3	10.3
Equipment	6.9	6.4	6.1	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.1
Structures	14.3	13.2	13.1	13.2	13.4	13.6	13.7	13.8	13.9	13.9	14.0
Farm: Gross stocks	10.8	10.5	10.4	10.4	10.3	10.3	10.2	10.2	10.4	10.6	11.0
Equipment	7.2	6.7	6.5	6.4	6.4	6.4	6.3	6.3	6.5	6.7	6.9
Structures	15.4	15.2	15.4	15.3	15.3	15.2	15.1	15.2	15.3	15.5	15.8

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925-79,* and *Survey of Current Business,* August 1983.

No. 913. Gross Private Domestic Investment: 1960 to 1982

[**In billions of dollars**]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
CURRENT DOLLARS											
Gross private domestic investment	75.9	113.5	144.2	206.1	257.9	324.1	386.6	423.0	401.9	474.9	414.5
Fixed investment	72.9	103.7	141.0	213.0	246.0	301.0	360.1	408.8	411.7	456.5	439.1
Nonresidential	48.5	72.7	103.9	157.7	174.1	205.2	248.9	290.2	308.8	352.2	348.3
Structures	18.8	27.0	38.7	55.4	58.8	64.4	78.7	98.3	110.9	133.4	141.9
Producers' durable equipment	29.7	45.8	65.2	102.3	115.3	140.8	170.2	191.9	197.9	218.8	206.4
Residential	24.5	30.9	37.1	55.3	72.0	95.8	111.2	118.6	102.9	104.3	90.8
Less: Capital consumption allowances [1]	46.3	56.0	88.1	159.3	175.0	195.2	222.5	256.0	293.2	329.5	359.2
Equals: Net private domestic investment	29.6	57.5	56.2	46.8	82.8	128.9	164.1	167.0	108.7	145.4	55.3
CONSTANT (1972) DOLLARS											
Gross private domestic investment	104.7	151.9	158.5	154.8	184.5	214.2	236.7	236.3	208.5	227.6	194.5
Fixed investment	101.2	140.1	154.8	161.5	176.7	200.9	220.7	229.1	212.9	219.1	203.9
Nonresidential	66.9	97.4	113.8	119.3	125.6	140.3	158.3	169.9	165.8	174.4	166.1
Structures	29.5	40.6	43.9	38.3	39.5	40.4	44.6	49.1	48.8	52.5	53.4
Producers' durable equipment	37.4	56.8	69.9	81.1	86.1	99.9	113.7	120.8	117.0	121.9	112.7
Residential	34.2	42.7	41.0	42.2	51.2	60.7	62.4	59.1	47.1	44.7	37.8
Less: Capital consumption allowances [1]	63.3	74.8	96.1	120.8	125.1	129.9	135.8	143.0	149.8	155.9	162.5
Equals: Net private domestic investment	41.4	77.2	62.4	34.0	59.4	84.3	100.9	93.3	58.7	71.6	32.0

[1] With capital consumption adjustment.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76,* and *Survey of Current Business,* July 1983.

No. 914. Capital Stock Per Hour Worked: 1950 to 1979

[**In 1972 dollars.** Represents the "capital/labor ratio"]

INDUSTRY AND 1972 INDUSTRY CODE	1950	1960	1970	1979	INDUSTRY AND 1972 INDUSTRY CODE	1950	1960	1970	1979
Public utilities, 49	69.49	109.96	134.42	167.09	Fabricated metals, 34	4.17	6.60	7.98	9.30
Petroleum, 29	34.25	46.26	63.19	69.60	Rubber and plastics, 30	5.86	8.76	9.00	8.96
Communication, 48	21.14	35.89	50.07	67.06	Finance and insurance, 60-64	5.15	6.57	8.65	10.56
Transportation, 41-47	34.56	44.13	43.29	37.60	Lumber and wood, 24	5.93	4.18	6.25	7.34
Primary metals, 33	13.99	23.31	27.46	29.65	Instruments, 38	5.84	6.19	7.47	7.52
Mining, 10-14	21.02	27.35	30.95	21.93	Textiles, 22	3.54	7.32	8.47	9.43
Tobacco, 21	17.21	22.53	23.93	35.93	Electric machinery, 36	4.99	4.80	7.24	8.47
Chemicals, 28	15.10	20.17	22.42	28.73	Printing and publishing, 27	6.01	4.84	6.28	7.01
Paper, 26	14.07	15.48	18.02	22.03	Wholesale, retail trade, 50-59	4.37	5.28	7.72	7.33
Stone, clay, glass, 32	8.29	12.22	14.55	15.29	Construction, 15-17	1.98	3.03	4.57	3.39
Transportation equipment, 37	6.84	8.26	11.91	13.48	Furniture and fixtures, 25	4.24	3.84	4.49	5.02
Nonelectric machinery, 35	6.76	8.40	10.42	11.72	Leather, 31	2.70	2.42	3.04	3.58
Food, 20	*8.95*	*9.67*	*10.72*	*13.06*	*Apparel, 23*	*1.88*	*1.51*	*2.48*	*2.99*
Services, 70-89	5.80	6.54	9.74	9.21					

Source: The Conference Board, N.Y., *Economic Road Maps,* monthly. (Copyright.)

No. 915. Business Expenditures for New Plant and Equipment: 1965 to 1983

[**In billions of dollars, except percent.** Excludes expenditures of agricultural business and current account outlays. Based on sample and subject to sampling variability: see text, p. 530. These figures do not agree with the fixed nonresidential investment data mainly because those data exclude investments for equipment, and include investment by farmers and certain outlays to current account. Minus sign (–) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series V 306-332]

INDUSTRY	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983 [1]
CURRENT DOLLARS											
Total	**70.4**	**105.6**	**157.7**	**171.4**	**198.1**	**231.2**	**270.5**	**295.6**	**321.5**	**316.4**	**310.9**
Manufacturing	25.4	37.0	54.9	59.9	69.2	79.7	98.7	115.8	126.8	119.7	115.9
Durable goods [2]	13.5	19.8	26.3	28.5	34.0	40.4	51.1	58.9	61.8	56.4	54.2
Primary metals	2.6	3.2	5.8	5.8	5.4	5.7	6.8	7.7	8.1	7.5	6.0
Electrical *machinery* [3]	1.7	3.5	3.1	3.7	4.7	5.7	7.3	9.6	10.3	10.6	11.0
Machinery [4]	2.2	3.8	5.0	5.5	6.6	7.2	10.5	11.6	13.2	12.9	13.1
Transportation equip.	3.7	4.6	5.9	6.4	9.1	12.0	15.3	18.2	18.4	15.2	14.6
Percent motor veh.	80.2	65.6	56.6	56.7	64.2	60.1	54.2	49.9	54.8	52.2	55.3
Nondurable goods [2]	11.9	17.2	28.6	31.5	35.2	39.3	47.6	56.9	64.9	63.2	61.7
Food and beverage	1.9	3.3	4.0	4.8	5.1	6.0	6.6	7.4	8.2	7.7	7.5
Paper	1.1	1.7	3.0	3.1	3.6	4.0	5.5	6.8	6.7	6.0	6.1
Chemicals	2.8	3.4	7.6	8.1	8.1	8.5	10.8	12.6	13.6	13.3	13.7
Petroleum	3.9	5.2	9.6	10.8	12.7	13.9	16.2	20.7	26.6	26.7	24.6
Nonmanufacturing	45.0	68.6	102.8	111.5	128.9	151.5	171.8	179.8	194.7	196.8	195.0
Mining	1.4	2.0	6.1	7.4	9.2	10.2	11.4	13.5	16.9	15.5	15.5
Transportation	5.5	7.0	8.7	8.9	9.4	10.7	12.3	12.1	12.0	11.9	11.0
Public utilities	6.5	13.0	20.0	22.4	26.8	29.9	34.0	35.4	38.4	42.0	41.0
Electric	4.8	10.6	16.7	18.8	22.2	24.6	27.6	28.1	29.7	*33.4*	*33.1*
Gas and other	1.7	2.5	3.3	3.6	4.6	5.3	6.3	7.3	8.7	8.6	7.9
Trade and services	22.1	29.8	46.2	49.3	56.5	68.7	79.3	81.8	86.3	86.9	87.8
Comm. and other [5]	9.6	16.9	21.8	23.5	26.9	32.0	34.8	37.0	41.1	40.5	39.8
Average annual percent change: [6]											
Total	[7] 7.7	8.5	8.4	8.7	15.6	16.7	17.0	9.3	8.8	–1.6	–1.7
Manufacturing	[7] 9.1	7.8	8.2	9.1	15.5	15.2	23.8	17.3	9.5	–5.6	3.2
Nonmanufacturing	[7] 6.9	8.8	8.4	8.5	15.6	17.5	13.4	4.7	8.3	1.1	–.9
CONSTANT (1972) DOLLARS [8]											
Total	***93.2***	***115.3***	***119.7***	***123.1***	***134.8***	***146.4***	***157.7***	***159.1***	***159.4***	***150.7***	***144.9***
Manufacturing	33.2	40.0	41.2	42.3	46.1	48.8	55.4	60.0	60.8	55.5	53.1
Durable goods	17.3	21.4	20.3	20.7	23.5	25.7	29.7	31.9	31.7	28.5	27.1
Nondurable goods	15.9	18.6	20.9	21.7	22.7	23.1	25.7	28.1	29.1	27.0	26.0
Nonmanufacturing	60.0	75.3	78.5	80.8	88.6	97.6	102.3	99.1	98.7	95.2	91.8
Mining	1.8	2.2	4.1	4.7	5.3	5.1	5.1	5.1	5.4	4.6	4.7
Transportation	6.9	7.5	6.5	6.2	6.3	6.6	6.8	6.0	5.6	5.4	4.8
Public utilities	8.6	14.3	14.2	14.9	16.8	17.5	18.3	17.5	17.3	17.8	17.0
Trade and services	29.7	32.4	36.3	37.6	40.9	46.4	49.4	47.3	47.3	46.3	45.5
Comm. and other [5]	13.1	18.8	17.3	17.5	19.4	22.0	22.7	23.1	23.1	21.1	19.9
Average annual percent *change:* [6]											
Total	[7] 6.9	4.2	.8	2.8	9.5	8.7	7.7	.9	.2	–5.5	–3.8
Manufacturing	[7] 8.4	3.8	.6	2.7	8.9	5.8	13.6	8.2	1.2	–8.7	–4.3
Nonmanufacturing	[7] 6.2	4.7	.8	2.9	9.7	10.2	4.7	–3.1	–.4	–3.5	–3.6

[1] Estimates based on expected capital expenditures as reported by business in late January and February 1983. [2] Includes industries not shown separately. [3] Includes equipment. [4] Excludes electrical. [5] Includes construction; social services and membership organizations; and forestry, fisheries, and agricultural services. [6] Change from prior year shown: e.g., 1970 from 1965, except as noted. For explanation of average annual percent change, see Guide to Tabular Presentation. [7] Change from 1960. [8] Constant-dollar expenditures since 1977 have been reestimated using deflators that reflect revisions of the national income and product accounts released in July 1982.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, monthly.

No. 916. Determinants of Business Fixed Investment: 1960 to 1982

[**Percent, except as noted.** 1982 preliminary. GNP=Gross national product]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Real investment as percent of real GNP	9.1	10.5	10.5	10.9	9.7	9.7	10.2	11.0	11.5	11.3	11.4	11.2
Capacity utilization rate in mfg. [1]	80.2	89.6	79.3	83.8	72.9	79.5	81.9	84.4	85.7	79.1	78.5	69.8
Nonfinancial corporations:												
Cash flow as percent of GNP [2]	8.9	10.6	7.8	7.0	9.0	9.3	9.7	9.5	8.9	8.7	9.5	9.6
Rate of return before taxes—												
On depreciable assets [3]	15.0	22.1	12.8	11.0	11.9	12.9	13.9	13.7	12.1	10.5	11.0	9.5
On stockholders' equity [4]	9.9	15.5	8.8	11.2	8.5	8.6	10.2	10.7	10.2	8.4	7.7	(NA)
Ratio of market value to replacement cost of net assets [5]	1.22	1.62	1.09	.83	.81	.91	.80	.76	.71	.67	.69	.69

NA Not available. [1] Federal Reserve Board index. For capacity by stage of processing, see Section 29. [2] Cash flow defined as after-tax profits plus capital consumption allowance plus inventory valuation adjustment. [3] Profits plus capital consumption adjustment and inventory valuation adjustment plus net interest paid divided by the stock of depreciable assets valued at current replacement cost. [4] Profits corrected for inflation effects divided by net worth (physical capital component valued at current replacement cost). [5] Equity plus interest-bearing debt divided by current replacement cost of net assets.

Source: U.S. Council of Economic Advisers, *Economic Report of the President, 1983*. Data from U.S. Bureau of Economic Analysis and the Board of Governors of the Federal Reserve System.

No. 917. Composite Indexes of Economic Cyclical Indicators: 1973 to 1982

[1982 figures are preliminary. See source for discussion of composite indexes. Minus sign (−) indicates decrease]

ITEM	Unit	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
LEADING INDICATORS											
Composite Index	1967=100	132.2	121.2	116.7	130.9	139.4	145.8	145.1	138.2	140.9	137.0
Net business formation	1967=100	114.9	109.2	107.0	115.6	123.2	128.2	128.3	122.4	118.6	113.0
Building permits [1]	1967=100	157.1	92.2	80.9	111.8	144.9	145.4	123.6	96.7	80.0	79.6
Common stock prices, index [2]	1941–43=10	107.4	82.8	86.2	102.0	98.2	96.0	103.0	118.8	128.0	119.7
Initial claims, unemployment insurance	1,000	*240*	*351*	*468*	381	368	338	379	480	446	578
Change in sensitive prices [3 4]	Percent	2.3	−.1	−.3	1.1	.4	1.3	.9	-	−.6	−.7
Change in credit outstanding [5]	Percent	15.0	10.5	3.5	10.1	15.2	14.6	13.4	5.9	7.1	1.4
Vendor performance, *slower deliveries*	Percent	88	66	30	54	55	64	63	40	45	37
Avg. workweek, manufacturing [6]	Hours	40.7	40.0	39.5	40.1	40.3	40.4	40.2	39.7	39.8	38.9
Change in inventories (1972 dol.) [4 7]	Bil. dol.	27	10	−18	8	13	21	9	−9	3	−15
Plant and equipment contracts and orders (1972 dol.)	Bil. dol.	149	149	117	132	146	173	186	172	169	148
New orders, manufacturing, consumer goods and materials (1972 dol.)	Bil. dol.	434	396	342	391	433	459	450	400	397	352
Money supply (*M2*) [8] *(1972 dol.)*	Bil. dol.	788	753	753	805	852	859	836	896	790	814
COINCIDENT INDICATORS											
Composite Index	1967=100	128.2	126.4	116.2	124.3	133.6	144.0	150.2	144.8	146.0	136.2
Industrial production index	1967=100	129.8	129.3	117.8	130.5	138.2	146.1	152.5	147.0	151.0	138.6
Employees, nonagricultural payrolls	Million	76.8	78.2	76.9	79.4	82.5	86.7	89.8	90.4	91.1	89.6
Personal income less transfer payments (1972 dol.)	Bil. dol.	894	882	867	909	956	1,012	1,047	1,040	1,069	1,066
Sales, mfg. and trade (1972 dol.)	Bil. dol.	1,686	1,672	1,569	1,682	1,797	1,901	1,942	1,887	1,909	1,826
LAGGING INDICATORS											
Composite Index	1967=100	110.8	117.0	110.9	103.5	106.4	114.0	122.6	124.6	122.4	122.9
Labor cost per unit of output, mfg.	Percent	96.4	99.0	104.6	100.0	100.2	99.6	98.7	102.0	100.4	100.9
Ratio, consumer installment credit to personal income	Percent	13.6	13.6	13.0	12.9	13.6	14.4	15.0	14.3	13.3	13.0
Average prime rate charged by banks	Percent	8.0	10.8	7.9	6.8	6.8	9.1	12.7	15.3	18.9	14.9
Average duration of unemployment	Weeks	10.0	9.8	14.2	15.8	14.3	11.9	10.8	11.9	13.7	15.6
Ratio inventories to sales, mfg. and trade (1972 dol.)	Ratio	1.5	1.6	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.7
Commercial and industrial loans outstanding (1972 dol.) [9]	Bil. dol.	93	96	90	80	79	82	88	89	92	106

– Represents zero. [1] New private housing units authorized. [2] Standard and Poor, 500 stocks. [3] Producer price index of selected crude and intermediate materials and spot market price index of raw industrial materials. [4] Weighted 4-term moving average placed at the terminal month of the span. [5] Business and consumer borrowing. [6] Production workers. [7] Net changes in book value. [8] See table 865. [9] Includes commercial paper issued by nonfinancial companies.

Source: U.S. Bureau of Economic Analysis, *Business Conditions Digest*, monthly.

No. 918. International Economic Composite Indexes: 1960 to 1982

[*Average annual percent changes* derived from indexes with base 1970=100. Minus sign (−) indicates decrease]

YEARS	6 countries excluding U.S.	7 countries	United States	Canada	France	Italy	Japan	United Kingdom	West Germany
LEADING INDEX									
1960–1965	3.6	4.5	5.1	5.8	5.1	4.0	3.1	1.2	3.8
1965–1970	5.2	2.7	.9	3.1	5.8	4.8	10.8	.9	4.3
1970–1975	3.6	3.2	2.8	6.3	3.7	4.0	5.8	1.8	1.5
1975–1980	6.8	5.3	4.0	5.9	6.0	5.5	11.5	3.0	4.7
1974–1975	−3.6	−3.3	−3.0	−.9	−7.8	.2	−9.7	−.8	3.2
1975–1976	9.2	10.2	11.2	4.0	8.8	5.3	16.2	6.3	7.8
1976–1977	3.4	5.0	6.3	3.6	2.2	2.3	3.0	6.2	3.3
1977–1978	5.6	5.0	4.4	7.5	4.8	4.5	7.6	1.8	5.8
1978–1979	10.1	5.3	1.3	10.8	9.8	6.9	17.6	2.8	6.1
1979–1980	5.8	1.0	−3.4	3.8	4.7	8.3	13.0	−2.0	.7
1980–1981	1.5	2.0	2.6	3.0	3.7	4.7	−.8	.9	.5
1981–1982	1.7	−2.3	−6.3	−6.9	3.7	2.2	2.1	3.1	3.2
COINCIDENT INDEX									
1960–1965	7.4	6.2	5.3	5.9	8.8	3.8	15.5	4.8	6.6
1965–1970	6.6	5.1	4.0	4.5	6.1	5.9	13.3	2.6	5.5
1970–1975	3.3	2.5	1.8	5.5	3.9	2.5	4.6	2.3	1.6
1975–1980	3.7	4.1	4.5	3.1	3.5	3.6	4.7	2.2	4.1
1974–1975	−2.7	−4.8	−6.7	.8	−5.0	−5.0	−1.7	−2.9	−2.3
1975–1976	3.7	5.6	7.3	4.8	5.1	3.9	3.9	.2	3.6
1976–1977	3.4	5.2	6.8	1.7	3.9	1.8	4.8	2.3	3.7
1977–1978	4.1	5.8	7.5	3.2	2.9	2.4	4.7	5.9	4.1
1978–1979	5.0	4.5	4.0	4.3	3.6	4.7	6.4	5.1	5.4
1979–1980	2.5	−.5	−3.0	1.3	2.1	5.3	3.6	−2.5	3.5
1980–1981	−.4	.4	1.0	2.9	−1.7	−.9	2.4	−6.6	−.2
1980–1981	−.5	−3.3	−5.7	−6.1	1.4	−.9	1.9	−1.6	−1.5

Source: Center for International Business Cycle Research, Columbia Business School, New York, N.Y., *International Economic Indicators*, monthly.

No. 919. Business Cycle Expansions and Contractions—Months of Duration: 1919 to 1982

[The lower turning point of a cycle is considered a trough, the upper turning point a peak. Business cycle reference dates are determined by the National Bureau of Economic Research, Inc.]

Business cycle reference date		Contraction (trough from previous peak)	Expansion (trough to peak)	Length of cycle	
Trough	Peak			Trough from previous trough	Peak from previous peak
March 1919	January 1920	7	10	51	17
July 1921	May 1923	18	22	28	40
July 1924	October 1926	14	27	36	41
November 1927	August 1929	13	21	40	34
March 1933	May 1937	43	50	64	93
June 1938	February 1945	13	80	63	93
October 1945	November 1948	8	37	88	45
October 1949	July 1953	11	45	48	56
May 1954	August 1957	10	39	55	49
April 1958	April 1960	8	24	47	32
February 1961	December 1969	10	106	34	116
November 1970	November 1973	11	36	117	47
March 1975	January 1980	16	58	52	74
July 1980	July 1981	6	12	64	18
November 1982	(x)	16	(x)	28	(x)
Average, all cycles:					
1919–1945 (6 cycles)		18	35	53	53
1945–1982 (8 cycles)		11	45	56	55
Average, peacetime cycles:					
1919–1945 (5 cycles)		20	26	46	45
1945–1982 (6 cycles)		11	34	46	44

X Not applicable.

Source: U.S. Bureau of Economic Analysis, *Business Conditions Digest*, July 1983.

No. 920. Manufacturing and Trade—Sales and Inventories in Current and Constant (1972) Dollars: 1960 to 1982

[In billions of dollars, except ratios. See *Historical Statistics, Colonial Times to 1970*, series V 78–107, for single year figures prior to revisions issued in 1981]

Item	1960	1965	1970 [1]	1974	1975	1976	1977	1978	1979	1980	1981	1982
CURRENT DOLLARS												
Sales, average monthly	**61**	**80**	**107**	**178**	**182**	**204**	**230**	**260**	**298**	**327**	**356**	**344**
Manufacturing	31	41	53	85	87	99	113	127	144	154	168	159
Retail trade	18	24	31	45	49	55	60	67	75	80	87	90
Merchant wholesalers	12	16	24	48	47	51	56	66	79	93	101	95
Inventories [2]	**95**	**121**	**178**	**286**	**288**	**319**	**351**	**399**	**451**	**493**	**526**	**512**
Manufacturing	54	68	102	158	160	175	189	210	241	264	282	265
Retail trade	27	34	44	71	72	79	89	103	111	116	127	128
Merchant wholesalers	14	18	33	57	57	64	72	86	98	112	117	119
Inventory-sales ratio [3]	**1.56**	**1.45**	**1.62**	**1.45**	**1.57**	**1.48**	**1.46**	**1.44**	**1.43**	**1.45**	**1.44**	**1.51**
Manufacturing	1.75	1.60	1.90	1.65	1.84	1.69	1.61	1.57	1.57	1.66	1.66	1.76
Retail trade	1.45	1.39	1.41	1.48	1.44	1.38	1.39	1.43	1.44	1.42	1.40	1.41
Merchant wholesalers	1.22	1.15	1.29	1.07	1.21	1.19	1.21	1.20	1.18	1.14	1.13	1.24
CONSTANT (1972) dollars												
Sales, average monthly	**76**	**98**	**116**	**141**	**132**	**142**	**152**	**160**	**164**	**160**	**161**	**153**
Manufacturing	38	50	56	67	62	67	72	76	78	74	75	70
Retail trade	23	29	34	40	40	43	45	47	48	46	47	46
Merchant wholesalers	15	19	26	34	31	32	34	37	38	39	39	38
Inventories	**120**	**149**	**194**	**233**	**225**	**235**	**246**	**260**	**264**	**264**	**269**	**261**
Manufacturing	70	87	113	131	127	131	134	140	145	146	148	140
Retail trade	30	37	46	58	56	59	63	67	66	63	66	65
Merchant wholesalers	20	25	35	44	42	45	49	53	53	55	56	57
Inventory-sales ratios [4]	**1.60**	**1.48**	**1.70**	**1.73**	**1.67**	**1.63**	**1.59**	**1.58**	**1.62**	**1.63**	**1.72**	**1.73**
Manufacturing	1.86	1.69	2.07	2.04	2.04	1.91	1.82	1.79	1.89	1.93	2.05	2.07
Retail trade	1.31	1.25	1.37	1.57	1.36	1.36	1.39	1.41	1.39	1.37	1.44	1.40
Merchant wholesalers	1.37	1.27	1.35	1.37	1.36	1.39	1.39	1.38	1.38	1.37	1.45	1.54

[1] Beginning 1970, data not comparable with earlier years due to revised procedures. [2] Book value; seasonally adjusted end-of-year data. See text, page 530. [3] Average inventories to average monthly sales. Average inventories based on weighted averages of end-of-month figures. [4] End of fourth quarter inventories to average month sales for fourth quarter.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–1976; Survey of Current Business*, July 1982, September 1983, and unpublished data.

No. 921. Manufacturing Corporations, Assets, and Profits, by Asset Size: 1970 to 1982

[Corporations and assets as of **end of 4th quarter**; profit for **entire year.** Corporations under $10 million based on sample; $10 million and over based on complete canvass through 1979—thereafter, under $25 million based on sample and $25 million and over based on compete canvass. For details regarding methodology, see source for fourth quarter, 1981]

Year and item	Unit	Total	Asset-size class						
			Under $10 mil.	$10–$25 mil.	$25–$50 mil.	$50–$100 mil.	$100–$250 mil.	$250 mil.–$1 bil.	$1 bil. and over
1970: [1] Corporations	Number	197,807	[2] 195,000	1,202	533	366	289	218	102
Assets, total	Mil. dol	578,234	69,101	20,471	20,138	25,946	47,783	112,475	282,320
Net profit, total [3]	Mil. dol	28,572	2,812	811	836	1,101	2,315	5,862	14,832
1971: Corporations	Number	(NA)	(NA)	1,191	539	368	309	222	111
Assets, total	Mil. dol	584,253	67,235	19,379	19,631	25,423	47,820	108,155	296,610
Net profit, total [3]	Mil. dol	6,995	408	186	150	196	487	1,260	4,309
1972: Corporations	Number	(NA)	(NA)	1,323	543	362	317	235	115
Assets, total	Mil. dol	623,823	73,894	21,218	19,048	25,138	48,818	114,550	321,158
Net profit, total [3]	Mil. dol	7,934	895	224	207	297	562	1,329	4,420
1973: Corporations	Number	(NA)	(NA)	1,462	597	402	327	246	124
Assets, total	Mil. dol	742,266	89,305	26,902	23,373	30,223	53,075	126,635	392,753
Net profit, total [3]	Mil. dol	48,058	6,634	1,731	1,360	1,844	3,142	8,063	25,284
1974: Corporations	Number	(NA)	(NA)	1,699	708	434	383	284	137
Assets, total	*Mil. dol*	768,954	97,858	28,908	24,734	30,690	60,262	171,821	364,681
Net profit, total [3]	Mil. dol	58,747	7,717	1,896	1,385	2,126	3,700	9,661	32,260
1975: Corporations	Number	(NA)	(NA)	1,750	705	450	392	276	151
Assets, total	Mil. dol	810,910	98,147	31,307	24,720	31,395	62,524	139,113	423,705
Net profit, total [3]	Mil. dol	49,135	6,212	1,831	1,327	1,676	3,553	8,165	26,370
1976: Corporations	Number	(NA)	(NA)	1,705	757	472	400	301	162
Assets, total	Mil. dol	883,860	98,355	32,244	26,538	32,970	62,633	149,412	481,709
Net profit, total [3]	Mil. dol	64,519	7,799	2,236	1,714	2,070	3,945	10,422	36,330
1977: Corporations	Number	(NA)	(NA)	1,793	809	501	409	327	174
Assets, total	*Mil. dol*	962,996	102,241	35,603	28,595	35,032	63,590	160,107	537,830
Net profit, total [3]	Mil. dol	70,366	8,683	2,189	1,867	2,252	4,401	11,206	39,769
1978: Corporations	Number	(NA)	(NA)	1,780	802	518	408	320	181
Assets, total	Mil. dol	1,086,433	114,006	38,358	30,813	37,429	66,907	164,958	633,963
Net profit, total [3]	Mil. dol	81,185	9,417	2,487	2,264	2,602	4,712	12,311	47,391
1979: Corporations	Number	(NA)	(NA)	1,918	979	571	470	341	225
Assets, total	Mil. dol	1,242,985	124,853	42,007	34,082	40,336	73,172	169,599	758,937
Net profit, total [3]	Mil. dol	98,698	10,119	2,720	2,347	2,898	5,347	13,412	61,854
1980: Corporations	Number	(NA)	(NA)	1,777	941	590	491	369	244
Assets, total	Mil. dol	1,384,474	126,639	43,569	34,930	41,963	75,284	179,959	882,129
Net profit, total [3]	Mil. dol	92,443	7,770	2,235	1,904	2,479	4,532	11,485	62,041
1981: Corporations	Number	(NA)	(NA)	(NA)	845	603	520	376	259
Assets, total	Mil. dol	1,560,353	136,915	57,453	39,756	43,924	82,287	188,913	1,011,105
Net profit, total [3]	*Mil. dol*	101,302	8,863	3,077	1,944	2,415	4,560	10,087	70,354
1982: Corporations	Number	(NA)	(NA)	(NA)	820	642	510	378	276
Assets, total	Mil. dol	1,614,018	141,363	55,327	38,333	48,013	78,766	180,047	1,072,089
Percent	Percent	100.0	8.8	3.4	2.4	3.0	4.9	11.2	66.4
Net profit, total [3]	Mil. dol	71,028	5,193	2,278	1,196	1,421	2,643	6,892	51,405
Percent	Percent	100.0	7.3	3.2	1.7	2.0	3.7	9.7	72.4

NA Not available. [1] Source: U.S. Securities and Exchange Commission. [2] Data derived from U.S. Internal Revenue Service, *Statistics of Income,* annual. [3] After taxes.

Source: Except as noted through 1981, U.S. Federal Trade Commission; thereafter, U.S. Bureau of the Census, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.*

No. 922. Largest Industrial Corporations—Sales, Assets, Net Income, and Employees, by Group Rank: 1980 to 1982

[**Sales, assets, and net income in billions of dollars; employees in thousands, except percent.** Excludes large privately owned companies that do not publish sales. Includes service and rental revenues, but companies must derive more than 50 percent of revenues from manufacturing or mining for years ending not later than **Dec. 31 of year stated,** except **1981,** no later than **January;** sales exclude excise taxes collected by manufacturer and include discontinued operations]

Rank by sales group	Sales			Assets [1]			Net income [2]			Employees [3]		
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
First 500 largest	1,650.3	1,773.4	1,672.2	1,175.5	1,282.8	1,308.7	81.2	84.2	61.4	15,910	15,635	14,362
Lowest hundred	55.6	55.5	50.4	37.9	37.7	35.3	2.3	2.4	1.7	781	702	591
Second hundred	81.6	84.5	77.3	60.9	64.6	62.8	4.1	3.3	2.3	1,186	1,062	983
Third hundred	137.2	143.6	132.4	107.5	113.9	114.2	7.6	8.7	5.3	1,709	1,756	1,492
Fourth hundred	260.6	282.9	264.7	204.5	223.3	218.2	13.5	14.7	8.8	3,321	3,227	2,907
Highest hundred	1,115.2	1,207.0	1,147.4	764.6	843.3	878.1	53.6	55.2	43.2	8,913	8,889	8,387
Percent of total, first 500:												
Lowest hundred	3.4	3.1	3.0	3.2	2.9	2.7	2.9	2.8	2.8	4.9	4.5	4.1
Second hundred	4.9	4.8	4.6	5.2	5.0	4.8	5.1	3.9	3.8	7.5	6.8	6.8
Third hundred	8.3	8.1	7.9	9.1	8.9	8.7	9.4	10.3	8.7	10.7	11.2	10.4
Fourth hundred	15.8	16.0	15.8	17.4	17.4	16.7	16.6	17.4	14.3	20.9	20.6	20.2
Highest hundred	67.6	68.1	68.6	65.0	65.7	67.1	66.0	65.6	70.4	56.0	56.9	59.4

[1] Total assets employed in business at end of fiscal year, less depreciation and depletion. [2] After taxes, special charges, and credits. Minus sign (–) indicates net loss. [3] As of year end, or yearly average.

Source: Time, Inc., New York, N.Y., *The Fortune Directory,* May and June issues. (Copyright.)

No. 923. 500 Largest Industrial Corporations—Selected Financial Items, by Industry: 1981 and 1982

[Data are ranked based on sales per employee for latest year shown. See headnote, table 922. Minus sign (−) indicates decrease. For definition of median, see Guide to Tabular Presentation]

Industry	Sales per employee ($1,000)		Changes in profits (percent)		Sales per dollar of stockholder's equity (dol.)		Return on stockholder's equity (percent)		Return on sales (percent)		Total return to investors [1] (percent)	
	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982
Total	**86.4**	**90.8**	**3.7**	**−27.1**	**2.97**	**2.74**	**13.8**	**10.9**	**4.6**	**3.6**	**−.4**	**22.2**
Petroleum refining	512.9	515.7	−7.6	−14.9	4.19	3.28	16.4	12.5	4.4	4.0	−23.2	−10.8
Mining, crude-oil production	302.8	195.9	1.6	−47.5	2.18	1.67	17.6	9.0	11.7	3.0	−23.9	−22.6
Food	115.0	123.8	10.6	7.1	4.33	4.88	14.4	15.3	3.3	3.3	18.2	39.7
Beverages	139.3	120.0	15.1	8.5	2.89	3.00	19.2	16.7	5.5	5.4	31.9	45.5
Chemicals	119.4	114.8	10.1	−30.8	2.44	2.28	13.5	8.6	5.4	4.0	−1.0	9.5
Soaps, cosmetics	98.0	111.9	−1.8	9.1	2.98	2.88	16.8	16.0	5.0	5.2	22.3	42.6
Metal manufacturing	107.2	101.8	4.3	−100.0	2.82	2.74	12.4	-	4.4	-	−6.1	−11.6
Paper, fiber, wood products	102.5	100.8	4.0	−39.1	2.31	2.41	12.0	8.0	5.0	3.2	−4.1	28.6
Rubber, plastic products	78.8	94.6	62.0	−50.4	4.09	3.54	10.4	1.9	3.0	.9	21.1	71.0
Glass, concrete, abrasives, gypsum	81.0	84.4	−15.1	−40.8	2.50	2.50	9.6	4.3	3.1	1.5	3.4	25.9
Motor vehicles	78.8	83.6	8.0	−55.4	3.37	3.28	7.6	5.1	2.6	1.7	−4.5	39.0
Pharmaceuticals	81.7	83.4	6.2	13.3	2.00	1.82	18.0	16.9	9.1	9.9	3.1	32.8
Metal products	75.7	83.4	8.8	−16.7	3.27	3.08	14.1	11.7	4.4	3.8	8.1	9.1
Industrial and farm equipment	76.8	82.9	12.7	−37.3	2.70	2.43	13.9	8.5	4.6	3.2	−10.3	−1.2
Publishing, printing	77.9	82.3	13.5	10.4	2.35	2.24	16.4	15.5	7.1	6.5	15.5	48.9
Transport equipment [2]	76.7	78.2	6.2	−20.3	5.05	3.79	14.4	8.6	4.5	2.8	−6.2	11.2
Aerospace	70.2	76.8	16.3	−30.9	4.25	4.19	15.0	11.7	4.0	2.8	−21.9	30.7
Measuring, scientific, photo. equip	62.5	69.0	12.4	−7.1	2.26	2.09	15.6	12.8	6.9	5.9	−10.4	6.8
Musical instruments, toys, sporting goods	67.7	68.7	52.8	291.6	2.72	3.96	9.2	32.6	3.4	6.1	27.1	46.8
Electronics, appliances	60.4	63.0	8.8	1.1	3.12	2.86	14.3	11.7	4.4	4.5	.4	37.7
Office equipment (incl. computers)	54.3	62.7	13.0	8.9	1.93	1.95	13.3	12.4	6.1	5.9	−18.6	28.8
Textiles, vinyl flooring	51.2	53.7	−3.1	4.9	3.13	2.85	7.8	6.3	2.9	2.1	15.7	54.4
Apparel	42.1	47.6	19.1	12.5	3.68	3.53	16.2	12.3	3.4	3.4	37.7	47.2
Tobacco	95.3	(NA)	10.2	(NA)	2.51	(NA)	19.5	(NA)	7.9	(NA)	6.0	(NA)

- Represents zero. NA Not available.
[1] Includes both price appreciation and dividend yield, i.e., to an investor in the company's stock. [2] Excludes motor vehicles and aircraft.

Source: Time, Inc., New York, N.Y., *The Fortune Directory*, May issues. (Copyright).

No. 924. Corporate Funds—Sources and Uses: 1960 to 1982

[In billions of dollars, except percent. Covers nonfarm nonfinancial corporate business. See text, p. 530]

Source and use	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Sources, total	**48.6**	**91.8**	**102.3**	**156.9**	**210.8**	**252.2**	**315.4**	**346.3**	**333.7**	**352.2**	**319.4**
Internal	35.4	58.5	61.8	119.7	134.2	157.4	175.7	188.8	197.5	231.1	236.1
Domestic undistributed profits	8.0	19.1	7.6	34.0	43.9	54.7	62.8	67.3	57.1	55.7	21.5
IVA and CCA [1]	−2.3	2.5	−4.1	−21.1	−27.5	−26.8	−36.1	−56.8	−59.7	−40.8	−14.3
Capital consumption allowances	26.6	32.5	51.8	93.8	103.6	114.3	129.2	147.7	169.8	193.3	210.9
Foreign earnings [2]	3.0	4.5	6.5	13.0	14.3	15.1	19.7	30.6	*30.3*	*22.8*	*18.1*
External [3]	13.2	33.3	40.5	37.2	76.6	94.9	139.7	157.5	136.2	121.1	83.3
Percent of total	27.2	36.3	39.6	23.7	36.3	37.6	44.3	45.5	40.8	34.4	26.1
Credit market funds	12.1	18.5	35.3	30.7	54.5	70.4	79.3	91.2	95.7	92.6	94.8
Securities and mortgages	7.5	7.6	26.3	38.7	38.2	33.9	31.9	25.9	57.5	23.1	51.5
Equity issues	1.4	-	5.7	9.9	10.5	2.7	−.1	−7.8	12.9	−11.5	11.4
Bonds and mortgages [4]	6.1	7.6	20.6	28.7	27.7	31.2	32.0	33.7	44.6	34.5	40.1
Loans and short-term paper	4.6	11.0	9.0	−8.0	16.3	36.5	47.4	65.3	38.2	69.6	43.3
Other	1.2	14.8	5.3	6.5	22.1	24.5	60.4	66.3	40.6	28.5	−11.6
Profit taxes payable	−2.2	2.2	−3.7	−2.4	7.5	−1.3	3.4	-	−6.7	−7.6	−10.9
Trade debt	3.1	12.2	7.5	6.3	10.3	22.1	49.1	54.4	33.6	14.7	−10.2
Foreign direct investments in U.S	.3	.4	1.5	2.6	4.3	3.7	7.9	11.9	13.7	21.3	9.4
Uses, total	**41.4**	**82.7**	**98.7**	**150.9**	**201.8**	**237.6**	**294.2**	**347.1**	**317.9**	**314.8**	**271.4**
Capital expenditures	37.5	61.0	80.0	109.7	148.3	175.1	202.2	219.8	220.5	260.9	246.2
Increase in financial assets	3.9	21.8	18.7	41.2	53.5	62.5	92.0	127.3	97.4	53.9	25.3
Discrepancy (sources less uses)	*7.2*	*9.1*	*3.6*	*6.0*	*9.0*	*14.7*	*21.2*	*−.8*	*15.8*	*37.4*	*48.0*

- Represents zero. [1] Inventory valuation and capital consumption adjustment. [2] Foreign branch profits, dividends, and subsidiaries earnings retained abroad. [3] Net increases in liability. [4] Includes industrial pollution control revenue bonds, issued by State and local governments.

Source: Board of Governors of the Federal Reserve System, Flow of Funds Accounts.

NO. 925. CORPORATE PROFITS, TAXES, AND DIVIDENDS: 1965 TO 1982

[**In billions of dollars.** Covers corporations organized for profit. Represents profits to U.S. residents, without deduction of depletion charges and exclusive of capital gains and losses; intercorporate dividends from profits of domestic corporations are eliminated; net receipts of dividends, reinvested earnings of incorporated foreign affiliates, and earnings of unincorporated foreign affiliates are added]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Profits before taxes	77.2	75.4	136.7	132.1	166.3	194.7	229.1	252.7	234.6	227.0	174.2
Less: Income tax liability [1]	30.9	34.2	51.6	50.6	63.8	72.7	83.2	87.6	84.8	82.8	59.2
Equals: Profits after taxes	46.3	41.3	85.1	81.5	102.5	122.0	145.9	165.1	149.8	144.1	115.1
Less: Net dividends [2]	19.1	22.5	29.1	30.8	37.4	40.8	47.0	52.7	58.6	64.7	68.7
Equals: Undistributed profits	27.2	18.8	55.2	50.7	65.1	81.2	98.9	112.4	91.2	79.5	46.4
Capital consumption allowances [3]	37.4	56.6	81.5	89.4	96.3	110.2	124.9	142.7	163.0	191.9	220.9
Profits after tax plus capital consumption allowances [3]	83.7	97.9	166.6	170.9	198.8	232.2	270.7	307.8	313.8	336.0	336.0

[1] Federal, State and local. [2] Disbursements to U.S. residents, measured after eliminations of intercorporate dividends. [3] Without capital consumption adjustment. Includes depreciation and accidental damages.

NO. 926. CORPORATE PROFITS: 1960 TO 1982

[**In billions of dollars.** Profit figures are with inventory valuation adjustment and without capital consumption adjustment]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total	49.7	76.0	68.9	105.6	96.7	120.6	151.6	178.5	205.1	209.6	191.7	203.3	165.9
Domestic industries	46.7	71.5	62.4	92.0	80.4	107.6	137.4	163.4	185.4	179.0	161.9	179.7	144.1
Financial	7.2	7.5	12.1	15.9	15.0	11.8	17.1	23.1	31.0	30.3	26.9	20.3	20.9
Nonfinancial	39.5	64.0	50.2	76.0	65.4	95.8	120.3	140.3	154.4	148.6	134.9	159.4	123.2
Manufacturing	23.6	39.3	26.6	45.5	39.0	52.6	69.2	78.3	86.9	85.6	72.9	86.7	59.0
Wholesale and retail trade	4.9	8.1	9.5	13.9	12.5	21.3	22.4	26.6	26.9	27.1	23.6	32.8	27.6
Other	11.0	16.6	14.1	16.7	14.0	21.9	28.7	35.4	40.6	36.0	38.4	39.8	36.0
Rest of the world	3.0	4.5	6.5	13.7	16.3	13.0	14.3	15.1	19.7	30.6	29.9	23.7	21.8

Source of tables 925 and 926: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76,* and *Survey of Current Business,* July 1983.

NO. 927. CORPORATE PROFITS, BY INDUSTRY: 1960 TO 1982

[**In billions of dollars.** Profits are without inventory valuation and capital consumption adjustments. Minus sign (−) indicates loss. See headnote, table 925]

YEAR	All industries	Manufacturing	Wholesale, retail trade	Finance, insurance [1]	Public utilities	Services	Communication	Construction	Mining	Agriculture [2]	Transportation	Rest of the world [3]
BEFORE TAXES												
1960	49.8	23.9	4.9	8.3	3.6	.9	2.9	.6	.9	.1	.9	3.0
1965	77.2	39.9	8.6	8.9	4.7	1.6	4.2	1.6	.9	.2	2.2	4.5
1970	75.4	30.4	11.5	13.3	4.0	1.8	4.6	2.1	1.0	.1	.2	6.5
1973	125.6	55.5	21.8	16.6	4.0	3.5	4.1	2.4	1.7	.9	1.4	13.7
1974	136.7	59.3	25.6	15.7	3.2	3.2	3.9	2.5	4.2	.4	2.4	16.3
1975	132.1	57.8	26.2	12.4	5.5	4.4	3.8	3.0	4.1	.8	1.2	13.0
1976	166.3	75.6	27.6	18.9	7.3	5.7	5.5	3.3	4.1	.7	3.2	14.3
1977	194.7	86.1	31.8	26.4	8.8	7.4	6.5	4.7	3.3	.6	3.9	15.1
1978	229.1	96.8	37.6	35.1	9.0	8.7	8.4	5.8	2.6	1.2	4.2	19.7
1979	252.7	104.5	42.8	34.2	8.6	9.5	7.5	5.9	3.5	1.2	4.2	30.6
1980	234.6	92.1	40.7	29.0	9.7	9.6	7.5	5.7	6.4	.6	3.4	29.9
1981	227.0	98.5	39.9	21.9	10.5	9.3	7.9	5.6	6.5	.5	2.6	23.7
1982	174.2	61.8	31.0	22.1	11.5	9.0	7.3	5.0	4.5	.2	(z)	21.8
AFTER TAXES												
1960	27.1	12.5	2.5	4.3	1.9	.4	1.4	.3	.7	(z)	.3	3.0
1965	46.3	23.0	5.3	4.5	2.6	1.0	2.3	1.1	.7	.1	1.3	4.5
1970	41.3	15.6	6.8	5.4	2.2	.9	2.3	1.3	.7	(z)	−.2	6.5
1973	76.6	31.4	14.2	6.3	2.5	2.2	2.5	1.4	1.3	.6	.6	13.7
1974	85.1	34.1	17.3	5.3	1.7	2.0	2.4	1.5	3.0	.2	1.4	16.3
1975	81.5	33.1	17.9	2.2	3.9	3.0	3.0	1.8	2.9	.5	.3	13.0
1976	102.5	42.2	18.6	6.4	5.4	4.0	4.0	2.1	3.0	.4	2.1	14.3
1977	122.0	48.6	21.8	11.6	6.4	5.4	4.7	3.3	2.1	.3	2.8	15.1
1978	145.9	55.8	25.9	16.7	6.6	6.0	5.9	4.1	1.4	.8	2.8	19.7
1979	165.1	62.6	30.1	13.7	6.4	6.6	5.7	3.9	2.1	.8	2.6	30.6
1980	149.8	52.9	28.6	9.2	7.0	6.6	5.6	3.5	4.6	.2	1.7	29.9
1981	144.1	59.9	27.2	3.2	8.3	6.4	6.2	3.0	4.4	.2	1.7	23.7
1982	115.1	37.7	20.0	3.9	10.6	6.8	6.4	3.7	3.3	.3	.5	21.8

Z Less than $50 million. [1] Includes real estate. [2] Includes forestry and fisheries. [3] Consists of receipts by all U.S. residents, including both corporations and persons, of earnings of unincorporated foreign affiliates, dividends from their incorporated foreign affiliates, and their share of reinvested earnings of their incorporated foreign affiliates, net of corresponding outflows.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76;* and *Survey of Current Business,* July 1983.

No. 928. Manufacturing Corporations—Sales, Profits, Stockholders' Equity, and Debt: 1960 to 1982

[In billions of dollars. Prior to 1970, excludes newspapers. Data are not necessarily comparable from year to year due to changes in accounting procedures, industry classifications, sampling procedures, etc.; for detail, see source. See also *Historical Statistics, Colonial Times to 1970,* series P 93-106]

YEAR	ALL MANUFACTURING CORPS.					DURABLE GOODS INDUSTRIES					NONDURABLE GOODS INDUSTRIES				
	Sales (net)	Profits		Stockholders' equity [1]	Debt [1]	Sales (net)	Profits		Stockholders' equity [1]	Debt [1]	Sales (net)	Profits		Stockholders' equity [1]	Debt [1]
		Before taxes	After taxes				Before taxes	After taxes				Before taxes	After taxes		
1960	346	27.5	15.2	165	40.5	174	14.0	7.0	82	20.5	172	13.5	8.2	83	20.0
1965	492	46.5	27.5	212	57.9	257	26.2	14.5	105	28.4	235	20.3	13.0	106	29.5
1970	709	48.1	28.6	307	133.9	363	23.0	12.9	155	70.7	346	25.2	15.7	152	63.2
1972	850	63.2	36.5	343	149.0	436	33.6	18.4	171	77.0	414	29.6	18.0	172	72.0
1973	1,017	81.4	48.1	374	164.3	527	43.6	24.8	189	86.1	490	37.8	23.3	185	78.2
1974	1,061	92.1	58.7	395	167.4	529	41.1	24.7	196	87.1	532	51.0	34.1	199	80.3
1975	1,065	79.9	49.1	423	183.2	521	35.3	21.4	208	94.4	544	44.6	27.7	215	88.8
1976	1,203	104.9	64.5	463	187.8	590	50.7	30.8	224	91.1	614	54.3	33.7	238	96.7
1977	1,328	115.1	70.4	497	200.4	657	57.9	34.8	240	94.8	671	57.2	35.6	257	105.6
1978	1,496	132.5	81.2	541	222.4	761	69.6	41.8	263	105.8	736	63.0	39.4	276	116.6
1979	1,742	154.2	98.7	600	252.2	866	72.4	45.2	292	122.8	876	81.8	53.5	308	129.4
1980	1,897	145.4	92.4	665	292.1	883	57.2	35.6	316	142.8	1,014	88.2	56.9	349	149.3
1981	2,145	158.5	101.3	743	334.9	979	67.2	41.7	350	159.4	1,165	91.3	59.6	393	175.5
1982	2,039	108.3	71.0	770	370.6	913	34.7	21.7	356	177.4	1,126	73.6	49.4	415	193.2

[1] Annual data are average equity or debt for the year (using four end-of-quarter figures).

Source: Through 1981, U.S. Federal Trade Commission, thereafter, U.S. Bureau of the Census *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.* In U.S. Council of Economic Advisers, *Economic Report of the President,* annual.

No. 929. Manufacturing Corporations—Profits, Stockholders' Equity, Sales, and Debt Ratios: 1975 to 1982

[Averages of quarterly figures at annual rates. Based on sample; see source for discussion of methodology. Minus (−) sign indicates loss. See headnote, table 928]

INDUSTRY GROUP	RATIOS OF PROFITS TO STOCKHOLDERS' EQUITY (percent)				PROFITS PER DOLLAR OF SALES (cents)				RATIO OF STOCKHOLDERS' EQUITY TO DEBT			
	1975	1980	1981	1982	1975	1980	1981	1982	1975	1980	1981	1982
All manufacturing corporations [1]	**11.6**	**13.9**	**13.6**	**9.3**	**4.6**	**4.9**	**4.7**	**3.5**	**2.3**	**2.3**	**2.2**	**2.1**
Durable goods industries	**10.3**	**11.2**	**11.9**	**6.1**	**4.1**	**4.0**	**4.2**	**2.4**	**2.2**	**2.2**	**2.2**	**2.0**
Stone, clay, and glass products	6.3	10.8	8.8	2.3	3.4	4.2	3.5	.8	2.1	1.9	1.9	1.6
Primary metal industries	8.6	11.7	11.6	−9.5	4.4	4.1	4.0	−4.2	2.2	1.7	1.7	1.3
Iron and steel	10.9	9.0	11.6	−15.4	5.0	2.9	3.6	−6.2	2.4	1.7	1.8	1.2
Nonferrous metals	5.0	15.6	11.6	−1.8	3.1	5.9	4.8	−.9	1.8	1.8	1.7	1.5
Fabricated metal products	13.2	13.9	13.3	7.1	4.2	4.2	4.0	2.3	2.0	2.1	2.2	2.1
Machinery, exc. electrical	13.7	15.0	14.6	8.6	6.4	6.5	6.4	4.3	2.4	2.2	2.2	2.1
Electrical and electronic equipment	9.0	15.1	14.4	11.4	3.2	5.0	5.0	4.2	2.2	2.6	2.6	2.6
Transportation equipment	7.5	−.6	5.8	5.6	2.4	−.3	1.6	1.6	2.4	2.7	2.4	2.2
Motor vehicles and equipment	6.2	−9.3	−.7	2.0	2.2	−3.4	−.3	.5	3.6	3.4	3.0	2.7
Aircraft, guided missiles and parts	11.0	16.0	16.0	12.0	2.9	4.3	4.4	3.3	1.6	2.8	2.7	2.5
Instruments and related products	13.5	17.5	16.9	14.3	7.6	9.3	9.0	8.0	3.3	4.3	4.5	4.5
Nondurable goods industries	**12.8**	**16.4**	**15.2**	**11.9**	**5.1**	**5.6**	**5.1**	**4.4**	**2.4**	**2.3**	**2.2**	**2.1**
Food and kindred products	14.4	14.7	14.0	13.0	3.2	3.4	3.2	3.1	1.7	1.9	1.8	1.8
Tobacco manufactures	15.9	19.8	19.8	18.9	9.2	11.7	11.5	11.4	1.5	1.8	1.7	1.8
Textile mill products	4.2	8.5	9.4	6.9	1.2	2.2	2.4	2.0	1.9	2.0	2.0	2.0
Paper and allied products	12.6	12.1	12.0	5.4	5.6	5.1	5.0	2.4	1.8	2.0	2.0	1.8
Printing and publishing	12.8	16.4	14.9	13.5	4.6	5.5	5.0	4.5	2.7	2.1	2.1	2.0
Chemicals and allied products	15.2	15.4	14.8	11.1	7.6	7.1	6.9	5.5	2.3	2.2	2.2	2.0
Industrial	*13.2*	*11.9*	*13.2*	*6.5*	6.9	5.4	5.8	3.3	2.0	1.9	1.9	1.8
Drugs	17.8	19.9	16.9	19.6	12.2	13.2	10.9	13.1	3.4	3.0	2.8	2.9
Petroleum and coal products	12.5	20.0	17.2	13.2	7.6	7.7	6.3	5.5	4.4	3.4	3.0	2.8
Rubber and misc. plastics products	8.0	6.7	12.0	8.1	3.0	2.0	3.5	2.5	1.8	1.6	1.8	1.8

[1] Includes other industries not shown separately.

Source: Through 1981, U.S. Federal Trade Commission, thereafter, U.S. Bureau of the Census, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.* In U.S. Council of Economic Advisers, *Economic Report of the President,* annual.

No. 930. Gross Product of U.S. Multinational Companies (MNC's), by Industry of U.S. Parent: 1977

[**In billions of dollars, except percent.** Gross product is an economic accounting measure of production. It measures U.S. parent companies' contribution to U.S. gross domestic product (GDP) and their majority-owned foreign affiliate (MOFA's) contribution to foreign GDP. The gross product estimates are based on data from the Bureau of Economic Analysis' 1977 benchmark survey of U.S. direct investment abroad and cover nonbank U.S. parent companies that had at least one nonbank MOFA. (MOFA's are foreign affiliates that were owned by more than 50 percent of all U.S. parents combined and that had assets, sales, or net income of more than $3 million in 1977.) Detailed data and the methodology of the benchmark survey are published in U.S. Bureau of Economic Analysis, *U.S. Direct Investment Abroad, 1977*, April 1981]

ITEM	U.S. MNC'S WORLDWIDE			PERCENT DISTRIBUTION	
	Total	U.S. parents	MOFA's	U.S. parents	MOFA's
All industries	**651.7**	**490.5**	**161.1**	**75**	**25**
Mining	2.4	2.0	.4	82	18
Metal mining	.9	.7	.2	80	20
Coal and other nonmetallic minerals	1.6	1.3	.3	83	17
Petroleum	114.1	52.1	62.0	46	54
Oil and gas extraction	4.4	3.5	.8	81	19
Petroleum and coal products	101.1	43.2	57.9	43	57
Petroleum wholesale trade	5.1	2.2	2.9	43	57
Other	3.4	3.1	.3	90	10
Manufacturing	382.3	301.3	81.0	79	21
Food and kindred products	27.9	21.8	6.1	78	22
Chemicals and allied products	51.5	39.1	12.4	76	24
Primary and fabricated metals	40.2	35.4	4.8	88	12
Primary metals	27.3	24.8	2.5	91	9
Fabricated	12.9	10.6	2.3	82	18
Machinery, except electrical	60.4	42.4	18.0	70	30
Office and computing machines	30.3	17.6	12.6	58	42
Construction and related machinery	10.5	8.4	2.1	80	20
Other	16.2	13.5	2.7	83	17
Electric and electronic equipment	32.1	26.7	5.4	83	17
Transportation equipment	88.5	71.3	17.2	81	19
Other manufacturing	81.6	64.6	17.0	79	21
Trade	35.3	31.3	4.0	89	11
Wholesale	6.5	5.1	1.5	77	23
Retail	28.7	26.3	2.5	91	9
Finance (except banking), insurance, and real estate	29.2	22.8	6.4	78	22
Other industries	88.4	81.1	7.3	92	8
Transportation	18.8	17.3	1.5	92	8
Services	11.7	10.0	1.7	85	15

Source: U.S. Bureau of Economic Anaylsis, Survey of Current Business, February, 1983.

No. 931. Capital Expenditures by Majority-Owned Foreign Affiliates of U.S. Multinational Companies: 1970 to 1982

[Represents expenditures to acquire, add to, or improve property, plant, and equipment. Data are universe estimates based on Bureau of Economic Analysis' semiannual sample survey. The latest survey, taken in Dec. 1982, covered over 8,500 majority-owned foreign affiliates. See *Survey of Current Business*, March 1983]

INDUSTRY AND AREA OR COUNTRY	EXPENDITURES (bil. dol.)							PERCENT OF TOTAL			
	1970	1975	1978	1979	1980	1981	1982, prel.	1970	1975	1980	1982, prel.
Total [1]	**14.1**	**26.8**	**26.1**	**32.6**	**42.4**	**43.7**	**41.6**	**100.0**	**100.0**	**100.0**	**100.0**
Mining and smelting	1.2	1.2	.4	.7	1.3	1.3	.8	8.5	4.5	3.1	1.9
Petroleum	4.0	8.9	9.5	11.0	14.8	15.8	17.7	28.4	33.2	34.9	42.5
Manufacturing [1]	6.5	11.3	12.0	15.4	19.5	19.2	16.6	46.1	4.2	46.0	39.9
Food products	.4	.7	.9	1.2	1.5	1.4	1.3	2.8	2.6	3.5	3.1
Chemicals and allied products	1.2	2.5	1.9	2.6	3.0	3.0	2.9	8.5	9.3	7.1	7.0
Machinery (except electrical)	1.6	2.8	3.6	4.7	5.6	5.1	4.2	11.3	10.4	13.2	10.1
Electrical machinery	.6	.9	.9	1.1	1.4	1.2	1.2	4.3	3.4	3.3	2.9
Transportation equipment	1.0	1.4	1.9	2.9	4.4	5.2	3.8	7.1	5.2	10.4	9.1
Trade	1.0	2.4	2.2	3.1	3.8	4.3	3.6	7.1	9.0	9.0	8.7
By area of affiliate:											
Developed countries	10.1	18.8	19.8	24.8	31.9	31.3	28.8	71.6	70.1	75.2	69.2
Canada	3.0	5.0	5.4	6.5	6.3	8.1	7.3	21.3	18.7	19.6	17.5
Europe	5.7	11.7	12.6	16.4	20.8	20.1	18.4	40.4	43.7	49.1	44.2
European Communities [2]	5.1	9.9	10.9	14.0	17.8	16.2	14.7	36.2	36.9	42.0	35.3
Other Europe	.6	1.8	1.7	2.4	3.0	3.9	3.7	4.3	6.7	7.1	8.9
Japan	.5	.8	.6	.6	.9	.8	.9	3.5	3.0	2.1	2.2
Australia, New Zealand, South Africa	.9	1.2	1.2	1.3	1.8	2.2	2.2	6.4	4.5	4.2	5.3
Developing countries	3.3	6.4	5.5	6.6	9.0	11.1	11.3	23.4	23.9	21.2	27.2
Latin America	2.0	3.1	2.5	3.2	4.6	5.7	5.2	14.2	11.6	10.8	12.5
Africa (excl. South Africa)	.5	.7	.8	.9	1.3	1.6	1.9	3.5	2.6	3.1	4.6
Middle East	.2	1.3	1.1	.8	.7	.5	.7	1.4	4.9	1.7	1.7
Other Asia and Pacific	.6	1.3	1.1	1.7	2.5	3.3	3.5	4.3	4.9	5.9	8.4
International and unallocated	.7	1.7	.8	1.2	1.5	1.4	1.5	5.0	6.3	3.5	3.6

[1] Includes other industries not shown separately. [2] Includes Belgium, Denmark, France, Germany, Ireland, Italy, Luxembourg, the Netherlands, and the United Kingdom.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, March issues.

No. 932. Foreign-Owned U.S. Firms, by Percent of Foreign Ownership, Industry, and Country: 1981

[Covers only firms operating at more than one U.S. location and having 50 or more employees. A firm was defined as foreign-owned if ten percent or more of its equity was owned by a foreign entity. Domicile country refers to location of the home office of the owning entity]

ITEM	Firms [1]	Establishments [1]	Employment [2] (1,000)	Annual payroll (mil. dol.)	DOMICILE COUNTRY	Firms [1]	Establishments [1]	Employment [2] (1,000)	Annual payroll (mil. dol.)
Total [3]	**1,692**	**46,790**	**2,347.8**	**44,567**	**All countries**	**1,692**	**46,790**	**2,347.8**	**44,567**
Foreign ownership:									
10-49 percent	238	11,712	576.6	12,673	Australia [4]	26	364	24.4	504
50-99 percent	318	11,096	527.7	9,803	Bahamas	11	202	7.4	106
100 percent	1,105	23,871	1,236.8	21,951	Belgium [5]	33	639	40.9	763
					Bermuda	18	1,135	40.5	752
					Canada	277	7,728	430.3	9,016
Industry:					France	119	2,900	164.3	3,508
Agriculture	51	256	9.6	133					
Mining	95	849	102.2	2,922	Germany, Fed. Rep. of	173	5,827	331.0	6,004
Construction	76	414	44.7	1,254	Great Britain	275	9,963	467.6	7,885
Manufacturing	837	5,701	1,135.6	23,647	Hong Kong	18	1,883	19.8	306
Transportation, communication, public utilities	202	1,912	66.3	1,516	Japan	231	2,123	111.5	2,271
Wholesale trade	925	9,213	214.9	5,071	Netherlands	111	6,946	309.5	6,299
Retail trade	225	18,322	464.1	4,768	Neth. Antilles	42	2,010	98.7	1,688
Finance, insurance, real estate	312	4,987	166.9	3,422	Panama	18	170	15.2	271
Services	353	5,136	143.7	1,835	Sweden	47	591	41.5	760
					Switzerland	132	2,399	151.7	2,617
					Other	161	1,910	93.5	1,817

[1] For definition, see text, p. 529. [2] For week including March 12. [3] Includes percent not specified and industries not shown separately. [4] Includes New Zealand. [5] Includes Luxembourg.

Source: U.S. Bureau of the Census, *Selected Characteristics of Foreign-Owned U.S. Firms: 1981.*

No. 933. Consumer Cooperatives and Farmer Cooperatives Selling Consumer Goods, by Type of Association: 1965 to 1981

[**Members in thousands; business in millions of dollars.** Business refers to loans outstanding]

TYPE OF ASSOCIATION	1965			1970			1981		
	Associations	Members	Business	Associations	Members	Business	Associations	Members	Business
Credit unions [1]	22,064	16,756	8,098	23,656	22,819	14,106	20,759	44,980	50,478
Electric power cooperatives [2]	885	4,964	781	875	5,789	1,195	869	9,028	7,440
Rural telephone cooperatives [3]	219	485	48	235	609	86	254	991	391
Independent prepaid and self-insured health plans [4]	569	8,684	608	[5] 482	[5] 12,204	1,068	(NA)	[6] 29,107	[6] 9,353
Community consumer	43	3,400	216	[5] 40	[5] 4,691	445	(NA)	[6] 7,962	[6] 2,519
Labor and management	507	5,068	366	[5] 418	[5] 5,834	545	(NA)	[6] 18,457	[6] 5,810
Health professionals (both profit making and non-profit plans)	19	(NA)	26	[5] 24	[5] 1,679	78	(NA)	[6] 2,688	[6] 1,024
Farmer cooperatives selling producer and consumer goods [7]	6,763	(NA)	2,910	6,209	(NA)	3,871	5,009	(NA)	17,059
Petroleum products [8]	2,773	(NA)	643	2,774	(NA)	862	2,911	(NA)	5,646
Meats and groceries	775	(NA)	60	717	(NA)	83	482	(NA)	163
Miscellaneous [9]	4,800+	(NA)	356	4,800+	(NA)	527	4,300+	(NA)	1,729

NA Not available. [1] Source: 1965, U.S. Social Security Administration; beginning 1970, National Credit Union Administration, *Annual Report of the National Credit Union Administration* and *State Chartered Credit Unions.* [2] Source: U.S. Rural Electrification Administration, *Statistical Report—Rural Electric Borrowers.* Electric distribution cooperatives currently borrowing from REA, average number of consumers served, and total revenues. [3] Source: U.S. Rural Electrification Administration, *Statistical Report—Rural Telephone Borrowers.* Cooperatives currently borrowing from REA, number of subscribers at end of year, annual revenues.

[4] Source: U.S. Health Care Financing Administration, *Health Care Financing Review,* September 1982, and unpublished data. Estimated enrollees and annual subscription income of plans. Enrollment is for most frequent type of benefit (surgical services). 1981, preliminary. [5] 1968 data. [6] 1979 data. [7] Data for fiscal years ending June 30 or earlier in years shown. 1981, calendar year. Since most cooperatives do more than one type of business, totals are less than would be obtained by adding number of cooperatives handling individual items or performing individual services. Major products sold are feed, seed, fertilizer, pesticides, and petroleum. See table 1175 for other items sold by farmer cooperatives. [8] Sales include products for farming, for both farm and non-farm home heating, and automobile and truck uses. [9] Includes hardware, building supplies, lawn and garden items, electrical goods, and other supplies used by both farmers and nonfarmers.

Source: Except as noted, U.S. Dept. of Agriculture, Agricultural Cooperative Service, unpublished data.

No. 934. Patents and Trademarks: 1956 to 1982

[In thousands. Covers patents issued to citizens of the United States and residents of foreign countries. For information on copyrights, see table 965. See also *Historical Statistics, Colonial Times to 1970*, series W 96–108]

ITEM	1956–1960	1961–1965	1966–1970	1971–1975	1976–1980	1976	1977	1978	1979	1980	1981	1982
Patent applications filed	**410.4**	**463.2**	**504.6**	**541.4**	**550.1**	**110.0**	**109.0**	**109.3**	**108.9**	**113.0**	**114.5**	**118.4**
Inventions	384.8	436.1	476.2	510.4	509.0	102.3	100.9	100.9	100.5	104.3	106.4	109.6
Designs	23.9	25.3	26.3	28.6	37.2	7.1	7.3	7.5	7.5	7.8	7.4	8.2
Botanical plants	.6	.6	.6	.7	1.0	.2	.2	.2	.2	.2	.2	.2
Reissues	1.2	1.2	1.5	1.7	2.9	.4	.6	.7	.6	.6	.5	.4
Patents Issued	**251.9**	**275.4**	**342.9**	**396.7**	**334.3**	**75.4**	**69.8**	**70.5**	**52.4**	**66.2**	**71.0**	**63.3**
Inventions	237.5	260.0	325.1	375.5	312.3	70.2	65.3	66.1	48.9	61.8	65.8	57.9
Individuals	76.6	69.9	73.4	87.0	65.0	14.1	14.0	14.3	9.3	13.3	14.1	11.9
Corporations: U.S	133.9	152.5	190.6	192.9	150.4	34.4	31.5	31.3	23.8	29.4	29.5	25.8
Foreign [1]	21.0	31.0	52.8	86.0	90.4	19.9	18.2	19.3	14.8	18.2	21.0	19.2
U.S. Government	5.9	6.5	8.4	9.6	6.5	1.8	1.5	1.2	.9	1.0	1.1	1.0
Designs	13.0	13.9	16.3	18.7	19.4	4.6	3.9	3.9	3.1	3.9	4.7	4.9
Botanical plants	.6	.6	.4	.8	.8	.2	.2	.2	.1	.1	.2	.2
Reissues	.8	1.0	1.1	1.6	1.8	.4	.4	.4	.3	.3	.4	.3
Published applications [2]	–	–	.6	.8	.5	.1	.1	.1	.1	(z)	.1	(z)
Foreign country residents [3]	36.5	48.3	76.0	119.3	118.0	26.1	23.9	25.1	18.2	24.7	26.5	24.0
Certificates of trademarks issued	**108.2**	**106.6**	**128.5**	**158.3**	**150.7**	**33.1**	**31.9**	**35.1**	**25.9**	**24.7**	**48.6**	**46.4**
Trademarks	90.7	91.9	104.2	129.4	121.2	26.3	25.9	29.6	20.5	18.9	42.7	42.4
Trademark renewals	17.5	14.7	24.3	28.9	29.5	6.8	6.1	5.5	5.4	5.9	5.9	6.0

– Represents zero. Z Less than 50. [1] Includes patents to foreign governments. [2] Abstracts of technical disclosure of patent published at request of applicant or owner. The current practice, called "Defensive Publications," began in Nov. 1968. [3] Includes patent inventions and a small number of patents for designs and botanical plants.

Source: U.S. Patent and Trademark Office. Fiscal-year figures are published in the *Commissioner of Patents and Trademarks Annual Report.*

No. 935. U.S. Net Receipts of Fees and Royalties From Foreign Affiliates, by Industry: 1970 to 1982

[In millions of dollars. Represents affiliated parties only]

ITEM	All industries	Mining and smelting	Petroleum	MANUFACTURING						Other industries
				Total	Chemicals and allied products	Metals, primary and fabricated	Machinery	Transportation equipment	Other	
Fees and royalties:										
1970	1,758	47	185	944	214	48	336	90	257	582
1980	5,780	56	239	4,068	1,010	213	1,605	350	890	1,417
1981	5,813	58	224	3,947	1,003	160	1,511	332	941	1,584
1982	5,572	50	351	3,652	959	141	1,418	288	846	1,519
Royalties and license fees:										
1970	751	2	7	609	147	16	310	21	115	131
1980	3,693	–	24	3,014	688	134	1,561	68	562	655
1981	3,658	–	34	2,973	681	84	1,551	70	587	651
1982	3,172	(z)	–27	2,638	653	70	1,351	49	516	561
Management and other fees:										
1970	1,007	45	178	335	67	32	25	69	142	451
1980	2,087	56	214	1,054	323	79	44	281	326	763
1981	2,154	58	190	973	322	76	–40	262	353	933
1982	2,400	50	378	1,013	306	71	66	239	331	959

– Represents zero. Z Less than $500,000.

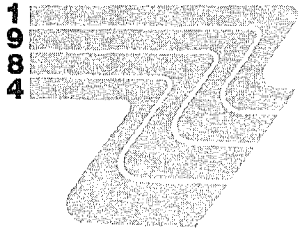
Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, January 1980 and August 1983.

No. 936. Corporate Philanthropy as a Percent of Pretax Net Income: 1979 to 1981

[Based on sample of 2,500 large industrial and non-industrial companies]

INDUSTRY CLASS	1979	1980	1981	INDUSTRY CLASS	1979	1980	1981
All firms, avg	.50	.54	.63	Manufacturing firms, avg.—Con.			
Manufacturing firms, avg	.48	.52	.63	Stone, clay and glass products	.80	.95	1.35
Chemicals	.56	.62	.73	Textiles	.96	1.29	.99
Electrical machinery and equipment	.53	.58	.64	Transportation equipment	.65	.79	.86
Fabricated metal products	.71	.90	1.23	Nonmanufacturing firms, avg	.56	.60	.63
Food, beverage and tobacco	.65	.64	.71	Banking	.80	.92	.97
Machinery, nonelectrical	.61	.80	.86	Business services	.32	.62	.61
Mining	.47	.55	.79	Engineering and construction	.60	.47	.71
Paper and like products	.57	1.09	1.08	Finance	.69	.67	.66
Petroleum and gas	.25	.29	.42	Insurance	.56	.74	.96
Pharmaceuticals	.82	.99	.82	Merchandising	1.50	1.67	1.50
Primary metal industries	.97	.95	.88	Telecommunications	.38	.41	.45
Printing and publishing	1.14	1.65	92	Transportation	.71	.64	.62
Rubber, misc. plastic products	1.15	1.42	.49	Utilities	.31	.29	.28

Source: Troy, Kathryn, The Conference Board, New York, N.Y. *Annual Survey of Corporate Contributions* (1981–83) (Copyright).



Section 19

Communications

This section presents statistics on the usage, finances, and operations of the Postal Service and of the various communications media: Telephone, telegraph, radio, television, newspapers and periodicals, and books. Expenditures data for advertising in the media are also included.

Postal Service.—The Postal Service provides mail processing and delivery services within the United States. The Postal Reorganization Act of 1970 created the Postal Service, effective July 1971, as an independent establishment of the Federal Executive Branch; it also placed restrictions on the private delivery of mail.

"Revenue and cost analysis" is the term used by the Postal Service to describe its system of attributing revenues and costs to classes of mail and service. This system draws primarily upon probability sampling techniques to develop estimates of revenues, volumes, and weights, as well as costs by class of mail and special service. The costs attributed to classes of mail and special services are primarily incremental costs which vary in response to changes in volume; they account for roughly 60 percent of the total costs of the Postal Service. The balance represents "institutional costs" which includes funds for research and development, portions of personnel and office supplies, etc. Statistics on revenues, volume of mail, and distribution of expenditures are presented in the Postal Service's annual report, *Revenue and Cost Analysis,* and its *Annual Report of the Postmaster General.*

Communication media.—The Federal Communications Commission (FCC), established in 1934, regulates wire and radio communications and licenses radio and television stations. Only the largest carriers and controlling companies file annual or monthly financial reports. Jurisdiction of the FCC applies to domestic and overseas telegraph carriers and to the Communications Satellite Corporation (Comsat), but not to a large number of telephone carriers which are engaged in intrastate or foreign service. The gross operating revenues of the telephone carriers reporting annually to the FCC, however, are estimated to cover over 90 percent of the revenues of all U.S. telephone companies.

Reports filed by the broadcasting industry cover substantially all radio and television stations operating in the United States and its outlying areas. Statistics covering the private radio services represent the largest and most diverse group of licensees regulated by the FCC. These services primarily provide two-way radio communication for emergency and business purposes in the aviation, marine, land transportation, and other industries; police, fire, and other public safety programs; and amateur and personal operations. Principal sources of wire, radio, and television data are the FCC's *Annual Report,* its annual *Statistics of Communications Common Carriers,* and its annual releases of financial data reported by radio and television stations and networks. (The latter, however, were discontinued after 1980 data became available. See tables 950 and 951.)

Statistics on the printed media are available from the U.S. Bureau of the Census, as well as from various private agencies. The censuses of manufactures (conducted by the Census Bureau every five years, for the years ending in "2" and "7") provide statistics on the number and circulation of newspapers and periodicals and on sales of books and pamphlets. Editor & Publisher Co., Inc., New York, presents annual data on the number and circulation of daily and Sunday newspapers in its *International Yearbook.* Monthly data on new books and new editions appear in *Publishers Weekly,* issued by R. R. Bowker Company, New York.

Advertising.—The statistics on advertising expenditures are compiled primarily by private organizations. McCann-Erickson, Inc., which compiles certain of the data shown (see tables 966-968), defines national advertising as the advertising done for companies whose products are distributed nationally, and for which national media rates are paid. Local advertising is defined as the advertising done for companies which market their products locally and which may pay special "local" media rates. Spot advertising is considered time bought by a national advertiser on a selective market basis. Monthly index figures of advertising in certain media are also published periodically by McCann-Erickson in *Advertising Age.*

The Broadcast Advertisers Reports (see tables 969-971) distinguishes between spot and local advertising primarily on the basis of the type of advertiser to whom the time is sold, rather than how and by whom it is sold. In general, time purchased on behalf of retail or service establishments in the market is considered local, even though the establishments may be part of a national or regional chain. That is, spot advertising promotes a product, while local advertising promotes a given establishment. Network advertising, mutually exclusive of spot and local, is broadcast through the network system.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 937. U.S. Postal Service—Summary: 1900 to 1982

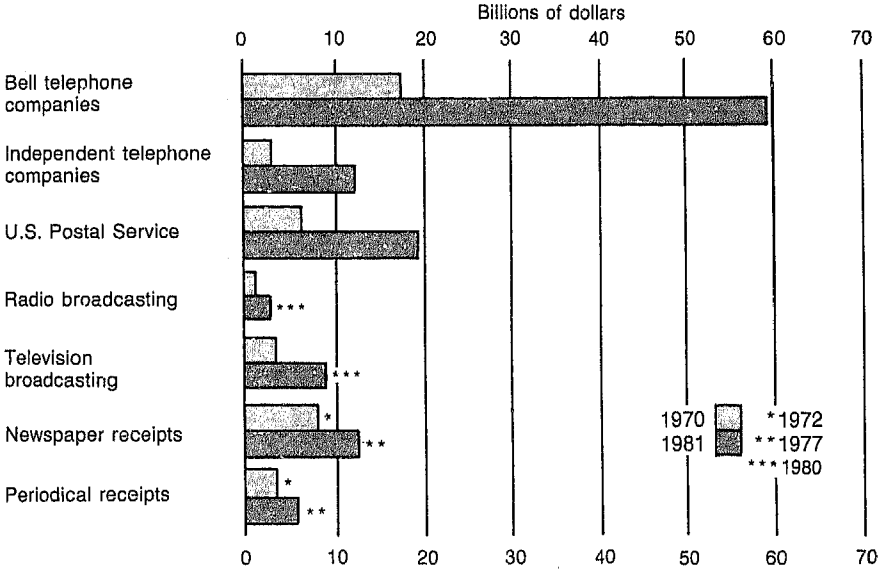
[For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Includes Puerto Rico and all outlying areas except Canal Zone. See text, p. 553. See also *Historical Statistics, Colonial Times to 1970,* series R 163-171]

Year	Number of post offices	Finances [1]			Revenue per capita [3] (dol.)	Sales of stamps and stamped paper (mil. dol.)	Postage paid under permit and meter (mil. dol.)	Money orders issued, total (mil. dol.)	Pieces of mail handled (est.)			
		Revenues (mil. dol.)	Expenditures [2] (mil. dol.)	Deficit (mil. dol.)					Total [4] (bil.)	First-class [5]		Second-class [6] (bil.)
										Number (bil.)	Percent	
1900	76,688	102	108	5	1.34	94	([7])	256	7.1	(NA)	(NA)	(NA)
1910	59,580	224	230	6	2.43	202	4	638	14.9	(NA)	(NA)	(NA)
1920	*52,641*	*437*	*454*	*17*	*4.11*	*380*	*13*	*1,356*	(NA)	(NA)	(NA)	(NA)
1930	49,063	705	804	98	5.75	575	74	1,767	27.9	16.9	60.6	5.0
1940	44,024	767	808	41	5.84	522	177	2,108	27.7	15.2	54.9	4.8
1950	41,464	1,677	2,223	545	11.14	862	678	[8] 5,138	45.1	24.5	54.3	6.3
1955	38,316	2,349	2,712	363	14.33	999	1,136	5,883	55.2	28.7	52.0	6.7
1960	35,238	3,277	3,874	597	18.27	1,245	1,699	5,058	63.7	33.2	52.1	7.5
1965	33,624	4,483	5,276	793	23.17	1,528	2,529	4,540	71.9	38.1	53.0	8.6
1970	32,002	7,702	7,867	165	31.05	1,936	3,883	4,709	84.9	48.6	57.2	9.4
1971	31,947	8,751	8,955	204	32.24	1,999	4,126	4,726	87.0	50.0	57.5	9.6
1972	31,686	9,347	9,522	175	37.89	2,371	4,861	4,731	87.2	48.9	56.1	9.5
1973	31,385	9,913	9,926	13	39.77	2,399	5,141	4,700	89.7	51.0	56.9	9.0
1974	31,000	10,857	11,295	438	42.85	2,504	5,623	5,194	90.1	51.6	57.3	8.8
1975	30,754	11,590	12,578	988	47.08	2,819	6,241	5,856	89.3	51.4	57.6	9.1
1976	30,521	12,747	13,923	1,176	52.21	3,155	6,883	6,243	89.8	52.1	58.0	8.9
1976, TQ [9]	*30,521*	*3,402*	*3,387*	[10] *15*	*14.11*	*815*	*1,895*	*1,639*	*21.5*	*12.5*	*58.1*	*2.1*
1977	30,521	14,622	15,310	688	60.18	3,656	7,951	5,636	92.2	63.7	58.2	8.7
1978	30,518	15,841	16,220	379	64.91	3,943	8,668	5,587	98.9	56.0	57.8	8.7
1979	30,449	17,999	17,529	[10] 470	73.37	4,382	10,062	5,631	99.8	58.0	58.1	8.4
1980	*30,326*	*19,106*	*19,412*	*306*	*77.32*	*4,287*	*10,828*	*6,112*	*106.3*	*60.3*	*56.7*	*8.4*
1981	30,242	20,781	21,369	588	83.62	4,625	11,891	6,692	110.1	61.5	55.8	10.0
1982	30,155	23,628	22,826	[10] 802	97.83	5,559	13,984	6,920	114.0	62.3	54.5	9.5

NA Not available. [1] After allowance for reimbursements, embossed envelope purchases, indemnity claims, and miscellaneous revenue and expenditure offsets. Through 1950, includes some payments and receipts applicable to services in prior years; beginning 1955, expenditures are shown in year in which obligation was incurred, and revenues in year which gave rise to the earnings, *whether collected or accrued. In 1954,* the Postal Service began receiving reimbursement for penalty and franked mail, and discontinued payment of subsidies to airlines. Revenues for 1960 include $37.4 million reimbursement from the Treasury General Fund for statutory public services. These and other changes affect comparability of figures. See also footnote 3, table 938. [2] Includes capital expenditures for plant and equipment and cost of materials and supplies, but no provision for *depreciation. Also includes costs of certain services rendered to other agencies without reimbursement but excludes costs of* certain services rendered to the Postal Service by other agencies. Beginning 1955, represents obligations incurred; beginning 1965, represents accrued expenses, including depreciation on fixed assets, reimbursable work for others, and expenses paid by certain other agencies without reimbursement by the Postal Service. [3] Operating revenue only; based on Bureau of the Census *estimated total population as of Jan. 1, including* Armed Forces abroad. [4] Includes other classes of mail not shown separately. See table 940. [5] Items mailed at 1st-class rates and weighing 12 ounces or less. Includes items wholly or partially in writing or typewriting, cards or bills and statements of account, items closed against postal inspection, etc. [6] Includes mail paid at other than bulk rates. [7] Service not inaugurated. [8] Includes postal notes issued under act of Congress. [9] Transition quarter, *July-Sept.* [10] *Net income.*

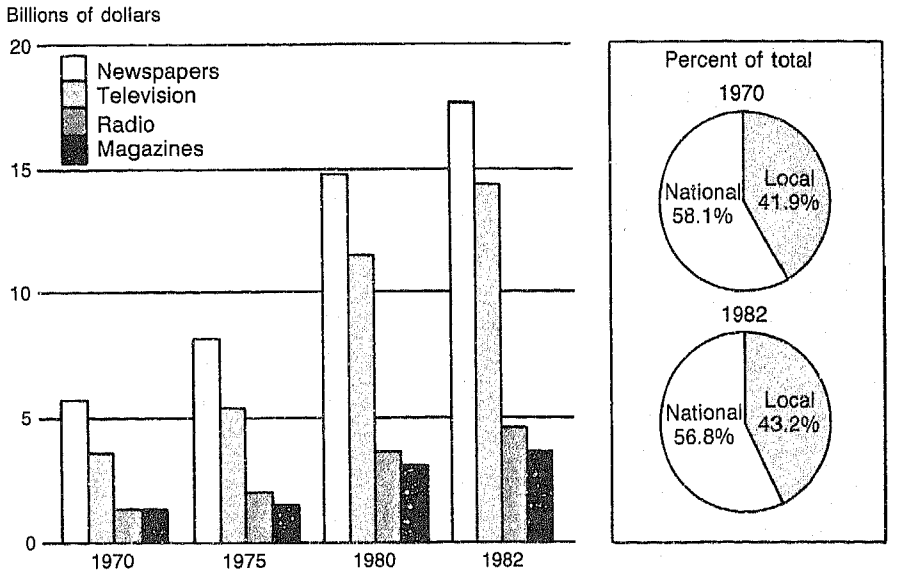
Source: U.S. Postal Service, *Annual Report of the Postmaster General.*

Figure 19.1
Operating Revenues of Selected Media: 1970 to 1981



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 938, 945, 946, 950, and 951.

Figure 19.2
Advertising Expenditures by Selected Media: 1970 to 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 968.

No. 938. U.S. Postal Service Revenues: 1960 to 1982

[**In millions of dollars, except percent.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Includes Puerto Rico and all outlying areas except Canal Zone. See text, p. 553]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Total revenue [1]	[2] 3,277	[2] 4,483	7,702	11,590	12,747	14,622	15,841	17,999	19,106	20,781	23,628
SOURCE											
Operating postal revenue [3]	3,270	4,433	6,347	10,015	11,199	12,998	14,133	16,106	17,143	19,133	22,600
Stamps, postal cards, etc	1,245	1,528	1,936	2,819	3,155	3,658	3,943	4,382	4,287	4,625	5,559
Second-class postage paid in money (pound rates) [4]	86	131	192	284	319	427	551	755	881	911	996
Other postage paid under permit and meter	1,699	2,529	3,883	6,241	6,883	7,951	8,668	10,062	10,828	11,891	13,984
Box rents	29	34	44	67	103	109	124	153	160	168	168
Miscellaneous	[5] 147	154	236	556	675	748	758	663	892	1,427	1,771
Money-order revenues	64	57	56	53	63	105	89	91	95	111	122
Government appropriations	-	-	1,355	1,533	1,645	1,712	1,722	1,720	1,610	1,275	707
Percent of total revenue	-	-	17.6	13.2	12.9	11.7	10.9	9.6	8.4	6.1	3.0
Investment income, net	-	-	-	37	[6] −97	[6] −88	[6] −14	173	353	373	321
MAIL AND SERVICE											
First-class mail [7]	1,510	2,193	3,291	5,798	6,734	7,831	8,575	9,733	10,146	11,457	13,747
Priority mail [8]	-	-	282	411	411	468	497	561	612	758	823
Second-class publishers' mail [9]	81	119	155	236	267	363	472	644	618	[10] 885	[10] 961
Controlled circulation publication [11]	8	15	35	41	41	53	67	95	246	([10])	([10])
Third-class mail [12]	441	650	827	1,348	1,522	1,748	1,987	2,216	2,412	2,643	3,303
Bulk rate	(NA)	(NA)	(NA)	1,167	1,317	1,508	1,745	1,967	2,168	2,405	3,092
Single piece rate and fees	(NA)	(NA)	(NA)	181	205	240	242	249	244	238	211
Fourth-class mail [13]	607	702	778	718	680	769	673	747	805	786	788
Zone rate mail (parcels, catalogs, etc.)	(NA)	(NA)	(NA)	577	508	594	460	484	500	499	507
Special fourth-class rate	(NA)	(NA)	(NA)	130	160	148	187	237	272	251	237
Library rate and fees	(NA)	(NA)	(NA)	11	12	28	27	27	33	36	44
Government mail [14]	86	124	199	484	577	611	626	678	745	761	918
International mail [15]	102	152	270	390	447	493	499	550	596	735	882
Special services	184	179	236	251	257	417	439	506	518	823	823
Other [16]	258	349	1,629	1,913	1,811	1,869	2,005	2,269	2,404	1,933	1,383

- Represents zero. NA Not available. [1] Net revenue after refunds of postage. Beginning 1965, includes operating reimbursements. [2] Includes small amounts for Postal Savings System, 1960 and 1965, and reimbursement by U.S. Congress in 1965. [3] The U.S. Postal Service was established July 1, 1971. Revenues prior to that date are those of the Post Office Department. Revenues for 1970 have been restated to be consistent with subsequent years. See also footnote 1, table 937. [4] Includes controlled circulation publications. [5] Includes $37.4 million appropriated to postal revenues for public services as provided by the Postal Policy Act of 1958. [6] Interest expense on loans exceeded interest income received from investments. [7] See footnote 5, table 937. [8] Items otherwise qualified as 1st-class or airmail that exceed 12 ounces and 8 ounces, respectively. [9] Includes mail paid at other than bulk rates. Publishers' mail includes printed publications periodically issued and mailed at a known post office to paid subscribers. These include regular rate newspapers and magazines, and classroom and nonprofit rate publications. Outside-the-county publications are those mailed to destinations outside the county of publication. [10] Controlled circulation discontinued March 22, 1982. Beginning 1981, statistics are included in second-class. [11] Publications of at least 24 pages and containing at least 25 percent nonadvertising content issued quarterly or more frequently for mainly free distribution. Includes certain trade publications and "shopper" guides. [12] Items less than 16 ounces in weight not mailed at either 1st- or 2d-class rates. [13] Items not mailed at 1st-, 2d-, or 3d-class rates, except government and international mail. May include parcel post, catalogs weighing 16 ounces or more, books, films, and records. [14] Penalty and franked mail. [15] Mail from U.S. to foreign countries paid at international mail rates. [16] Consists of unassignable revenues; includes domestic airmail until 1976, and express mail and mailgrams beginning 1977.

No. 939. U.S. Postal Service Employees, by Type: 1960 to 1982

[**In thousands, except as indicated.** As of **June 30** except, beginning **1977,** as of **Sept. 30.** Includes Puerto Rico, and all outlying areas except Canal Zone. See *Historical Statistics, Colonial Times to 1970,* series R 187, for total employees]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Total employees	563	596	741	702	655	656	663	667	670	670
Regular	409	447	549	559	528	526	534	536	544	547
Postmasters	35	33	30	30	29	28	28	29	29	29
Office supervisors and tech. personnel	27	30	37	37	36	37	36	36	37	38
Office clerks and mail handlers [1]	172	188	243	239	228	226	230	229	232	232
City carriers and vehicle drivers	110	133	165	167	157	156	160	160	164	165
Rural carriers	31	31	31	31	31	31	32	33	33	34
Other	34	32	42	55	47	47	48	49	49	49
Substitute (part-time)	154	148	193	143	127	130	129	130	126	123
Compensation and employee benefits (mil. dol.)	2,953	4,156	6,462	10,805	13,124	14,031	15,162	16,541	18,018	19,094
Avg. salary per employee, (dol.) [2]	5,245	6,973	8,721	15,392	20,037	21,389	22,869	24,799	26,893	28,499
Pieces of mail per employee, average	113	121	115	127	141	148	151	159	164	170

[1] Includes mobile unit employees. [2] Includes fringe benefits.

Source of tables 938 and 939: U.S. Postal Service, *Annual Report of the Postmaster General.*

NO. 940. U.S. POSTAL SERVICE—VOLUME OF MAIL, BY CLASS: 1970 TO 1982

[**In millions, except per capita.** For years ending **June 30** except, beginning **1980**, ending **Sept. 30.** Includes Puerto Rico and all outlying areas except Canal Zone. For definition of classes of mail, see footnotes, table 938. See also *Historical Statistics, Colonial Times to 1970*, series R 172–186]

CLASS OF MAIL	PIECES OF MAIL					WEIGHT OF MAIL (lb.)				
	1970	1975	1980	1981	1982	1970	1975	1980	1981	1982
Total	**84,882**	**89,266**	**106,311**	**110,130**	**114,049**	**13,281**	**12,025**	**12,958**	**13,515**	**13,944**
Domestic	83,986	88,334	105,348	109,244	113,122	13,055	11,824	12,742	13,303	13,713
1st class and airmail [1]	50,174	52,482	60,332	61,476	62,271	1,636	1,746	2,213	2,309	2,345
Priority mail	185	207	248	269	259	371	440	591	635	582
2d class	9,352	9,085	8,446	[2] 9,956	[2] 9,527	3,417	2,792	2,550	[2] 3,483	[2] 3,432
3d class	19,974	21,867	30,381	33,607	36,719	2,032	2,283	3,240	3,758	4,296
4th class	977	801	633	590	597	4,786	3,754	2,661	2,480	2,446
Controlled circulation publications	562	628	1,775	(2)	(2)	224	232	928	(2)	(2)
Penalty	2,544	2,928	2,992	2,898	2,946	540	527	503	566	513
Franked and free for blind	218	336	540	448	803	49	50	56	70	49
International	896	932	963	886	927	226	201	216	212	231
Per capita: [3]										
Total, all domestic mail [4]	412	415	475	477	490	64	56	57	58	59
1st class and airmail	246	247	272	269	270	8	8	10	10	10
2d class	46	43	38	44	41	17	13	12	15	15
3d class	98	103	137	147	159	10	11	15	16	19
4th class	5	4	3	3	3	23	18	12	11	11

[1] Beginning 1980, includes express mail established as a class of mail on October 9, 1977, and mailgrams. [2] Controlled circulation discontinued March 22, 1981. Beginning 1981 statistics are included in second-class. [3] Based on estimated total population as of Jan. 1, including Armed Forces abroad. [4] Includes types of mail not shown separately.

Source: U.S. Postal Service, *Annual Report of the Postmaster General.*

NO. 941. U.S. POSTAL SERVICE RATES FOR LETTERS AND POST CARDS: 1958 TO 1981

[See also *Historical Statistics, Colonial Times to 1970*, series R 188–191]

DATE OF RATE CHANGE	SURFACE MAIL				Domestic airmail letters [1]	DATE OF RATE CHANGE	SURFACE MAIL				Domestic airmail letters [1]
	Letters			Postal and post cards			Letters			Postal and post cards	
	Each ounce	First ounce	Each added ounce				Each ounce	First ounce	Each added ounce		
1958 (Aug. 1)	4¢	(X)	(X)	3¢	7¢	1975 (Sept. 14)	(X)	10¢	9¢	7¢	(X)
1963 (Jan. 7)	5¢	(X)	(X)	4¢	8¢	1975 (Dec. 31)	[2] (X)	[2] 13¢	[2] 11¢	[2] 9¢	[3]
1968 (Jan. 7)	6¢	(X)	(X)	5¢	10¢	1978 (May 29)	(X)	15¢	13¢	10¢	[4]
1971 (May 16)	8¢	(X)	(X)	6¢	11¢	1981 (Mar. 22)	(X)	18¢	17¢	12¢	[4]
1974 (Mar. 2)	10¢	(X)	(X)	8¢	13¢	1981 (Nov. 1)	(X)	20¢	17¢	13¢	[4]

X Not applicable. [1] Each ounce, except as noted. [2] As of October 11, 1975, surface mail service upgraded to level of airmail. [3] 17¢ for first ounce; 15¢ for each added ounce. [4] As of May 1, 1977, domestic airmail service, as a separate class of mail, was discontinued.

Source: U.S. Postal Service, "United States Domestic Postage Rates: Recent History," and unpublished data.

NO. 942. INTERNATIONAL AIR MAIL RATES FROM THE U.S.: 1961 TO 1981

[Excludes Canada and Mexico]

DATE OF RATE CHANGE	ZONE 1 [1]		ZONE 2 [2]		ZONE 3 [3]		Post cards	Aerogrammes
	Each ½ ounce up to two ounces	Each added ½ ounce	Each ½ ounce up to two ounces	Each added ½ ounce	Each ½ ounce up to two ounces	Each added ½ ounce		
July 1, 1961	.13	.13	.15	.15	.25	.25	.11	.11
May 1, 1967	.15	.15	.20	.20	.25	.25	.13	.13
July 1, 1971	.17	.17	.21	.21	.21	.21	.13	.13
Mar. 2, 1974	.21	.17	.26	.21	.26	.21	.18	.18
Jan. 3, 1976	.25	.21	.31	.26	.31	.26	.21	.22
Jan. 1, 1981	.35	[4].30	.40	[5].35	.40	[5].35	.28	.30

[1] Caribbean, Central and South America. The airmail letter rate to South America, 1961 to 1967, was the same as that to Europe. Beginning January 3, 1976, the airmail letter rate to all South American countries except Colombia and Venezuela is the same as Europe; Colombia and Venezuela are included in the first zone. [2] Europe and Mediteranean Africa. [3] Rest of world. [4] Up to 32 oz.; 30 cents per additional ounce over 32. [5] Up to 32 oz.; 35 cents per additional ounce over 32.

Source: U.S. Postal Service, unpublished data.

No. 943. Utilization of Selected Media: 1950 to 1983

ITEM	Unit	1950	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
Households with —												
Telephone service [1]	Percent	62	79	85	91	93	96	96	96	97	(NA)	(NA)
Radio sets [2]	Percent	92.6	96.3	98.6	98.6	98.6	98.9	99.0	99.0	99.0	99.0	99.0
Average number of sets	Number	2.1	3.7	4.1	5.1	5.6	5.7	5.7	5.5	5.5	5.5	5.5
Television sets [3]	Percent	9	87	93	95	97	98	98	98	98	98	98
Color set households	Millions	-	.3	2.8	20.9	46.9	56.9	60.3	63.4	68.1	71.4	73.9
Average viewing per day [4]	Hours	4.6	5.1	5.5	5.9	6.1	6.3	6.3	6.3	6.6	6.7	6.8
Average number of sets [5]	Number	1.01	1.13	1.22	1.39	1.54	1.63	1.68	1.70	1.75	1.79	(NA)
Stations [6]	Number	2,336	4,218	4,867	5,584	6,228	6,462	6,492	6,603	(NA)	(NA)	(NA)
AM and FM	Number	2,143	3,470	3,941	4,209	4,355	4,316	4,253	4,259	(NA)	(NA)	(NA)
FM affiliates of AM stations	Number	(NA)	(NA)	(NA)	225	477	655	681	715	(NA)	(NA)	(NA)
FM independents	Number	86	218	338	464	703	777	835	904	(NA)	(NA)	(NA)
TV stations	Number	107	530	588	686	693	714	723	725	(NA)	(NA)	(NA)
Cable television: [7]												
Systems	Number	[8]70	640	1,325	2,490	3,506	3,875	4,150	4,225	4,375	4,825	5,600
Subscribers served	Millions	[8].01	.65	1.3	4.5	9.8	13.0	14.1	15.5	16.3	21.0	25.0
Daily newspaper circulation: [9]												
Number	Millions	53.8	58.9	60.4	62.1	60.7	62.0	62.2	62.2	61.4	62.5	(NA)
Per capita [10]	Number	.354	.327	.312	.305	.282	.279	.277	.275	.268	.270	(NA)

- Represents zero. NA Not available. [1] As of Dec. 31. Source: American Telephone and Telegraph Company, New York, N.Y., unpublished data. [2] As of Dec. 31. Source: Radio Advertising Bureau, New York, N.Y., *Radio Facts*, annual (copyright). [3] 1970-1979, as of Sept. of prior year; all other years as of Jan. of year shown. Source: Except as noted, 1950-1965, National Broadcasting Company, New York, N.Y., thereafter, A.C. Nielson Company, Northbrook, Ill. (copyright). [4] Source: A.C. Nielsen Company, Northbrook, Ill. (copyright). [5] 1950-1965 as of January; 1970-1978 as of Sept.; 1979-1982 as of January. Excludes Alaska and Hawaii. Source: Television Bureau of Advertising, Inc. New York, "Trends in Television 1950 to Date", March 1983. [6] Reporting stations, as of Dec. 1. Includes Puerto Rico and Virgin Islands. Source: U.S. Federal Communications Commission, *AM-FM* and *TV Broadcast Financial Data*, annual, and unpublished data. [7] As of Jan. 1. Source: Television Digest, Inc., Washington, D.C. *Television Factbook*, annual (copyright). [8] Data for 1952. [9] As of Sept. 30, except 1950-1965, as of Oct. 1. Source: Editor & Publisher, Inc., New York, N.Y., *Editor & Publisher International Year Book*, annual (copyright). [10] *Per capita based on total resident population enumerated as of April 1, 1970 and 1980, and estimated as of July 1 for other years.*

Source: Compiled from sources listed in footnotes.

No. 944. Telephone and Telegraph Systems: 1950 to 1981

[Covers principal carriers filing annual reports with Federal Communications Commission. See *Historical Statistics, Colonial Times to 1970*, series R 46-70 and R 75-88, for data on telegraph systems]

ITEM	Unit	1950	1955	1960	1965	1970	1975	1978	1979	1980	1981
Domestic telephone: [1] Carriers	Number	71	53	52	54	56	62	63	61	59	60
Telephones [2]	*Million*	39	50	66	82	105	130	148	153	157	158
Miles of wire	Million	147	205	316	436	628	872	1,022	1,081	1,131	1,188
Gross book cost of plant	Bil. dol	10.7	16.2	25.7	38.0	59.9	95.5	123.6	134.9	147.4	161.5
Depreciation reserves [3]	Bil. dol	3.0	4.1	5.6	8.1	13.2	18.8	23.5	24.9	26.5	30.0
Ratio to book cost	Percent	27.8	25.3	21.7	21.4	22.1	19.7	19.0	18.5	18.0	18.6
Capital stock	Bil. dol	3.2	6.0	8.4	10.0	10.8	12.4	14.8	15.5	16.3	17.5
Operating revenues	Bil. dol	3.4	5.6	8.4	11.8	18.2	31.3	45.2	49.8	55.6	63.7
Operating expenses [4]	Bil. dol	2.5	3.7	5.0	7.1	11.7	20.2	29.1	33.0	37.3	42.8
Net operating income [5]	Bil. dol	.5	.8	1.4	2.1	3.1	5.6	8.1	8.9	10.0	11.4
Net income	Bil. dol	.4	.7	1.3	1.9	2.3	3.6	5.9	6.0	6.6	7.5
Employees	1,000	565	649	627	655	839	840	894	928	938	945
Compensation of employees	Bil. dol	1.8	2.7	3.4	4.3	7.0	11.7	16.2	18.4	20.2	22.2
Overseas telephone:											
Number of overseas calls	Million	.7	1.2	3.3	7.5	23.4	62.2	133.9	168.3	199.6	265.5
Revenue from overseas calls	*Mil. dol*	9	16	42	101	252	562	963	1,106	1,535	1,654
Ocean cable systems	Number	1	1	5	11	13	14	15	15	16	17
Communications satellites	Number	-	-	-	1	4	5	5	5	5	5
Domestic telegraph: Carriers	Number	1	1	1	1	1	1	1	1	1	1
Revenue messages transmitted	Million	179	154	124	94	70	42	50	55	55	56
Message revenues [6]	Mil. dol	152	189	190	192	234	197	238	271	296	320
Total operating revenues	Mil. dol	178	229	262	306	402	505	576	636	697	779
Operating revenue deductions	Mil. dol	167	206	247	282	368	435	492	561	603	669
Operating income [7]	Mil. dol	9	13	11	24	34	70	84	75	94	110
Teletypewriter messages	Million	15	23	33	47	46	54	56	59	68	63
Overseas telegraph: [8]											
Carriers	Number	11	10	9	6	6	6	6	7	7	7
Revenue messages transmitted	Million	23	26	28	29	32	26	22	21	20	18
Message revenues [6]	Mil. dol	42	50	71	78	124	217	320	355	380	405
Total operating revenues	Mil. dol	50	68	87	107	194	316	455	497	535	578
Operating revenue deductions	*Mil. dol*	45	58	77	87	156	245	336	362	405	468
Operating income [7]	Mil. dol	4	8	6	14	26	48	83	85	79	70
Return on investment: [9]											
Telephone	Percent	6.1	6.6	7.3	7.3	7.1	7.6	8.5	8.5	8.7	9.0
Domestic telegraph	Percent	5.1	7.6	5.0	5.6	5.0	6.1	6.6	5.5	6.6	7.4
Overseas telegraph	*Percent*	7.3	5.8	7.2	11.0	10.6	12.0	18.2	17.9	15.9	12.5

- Represents zero. [1] Includes Puerto Rico and, beginning 1965, Virgin Islands. Excludes intercompany duplications. Gross operating revenues of carriers reporting since 1970 estimated at 90 percent of all carriers. [2] Includes company, service, and *private.* [3] *Includes amortization reserves.* [4] *Excludes taxes.* [5] After tax deductions. [6] Includes telex service; for domestic telegraph, excludes TWX. [7] After Federal income taxes. [8] Beginning 1965, excludes South American and most Caribbean operations of All America Cables and Radio, Inc. [9] Ratio of net operating income (after taxes) to average net book cost of communications plant.

Source: U.S. Federal Communications Commission, *Statistics of Communications Common Carriers*, annual, and unpublished data.

No. 945. Bell Telephone Companies—Summary: 1960 to 1982

[As of **Dec. 31** or for calendar year, as applicable. Comprises American Telephone and Telegraph Company and its principal telephone subsidiaries, plus Southern New England and Cincinnati Bell Telephone Companies. See also *Historical Statistics, Colonial Times to 1970*, series R 17-30]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Central offices [1]	1,000	11.2	13.4	15.1	17.2	17.8	18.1	18.7	19.2	19.7	20.2
Miles of—											
Wire	Million	308	423	602	832	910	962	1,018	1,068	1,113	1,152
Coaxial tube	1,000	97	169	287	333	337	331	332	334	330	308
Telephone grade carrier channel [2]	Million	76	167	414	645	715	758	854	979	1,094	1,145
Microwave radio relay [3]	1,000	298	728	1,181	1,389	1,407	1,402	1,402	1,470	1,706	1,546
Book value of plant (cost)	Bil. dol	24.7	36.2	56.2	89.2	103.6	113.0	123.9	135.5	148.5	159.7
Depreciation reserves [4]	Bil. dol	5.4	7.8	12.6	17.6	19.9	21.2	22.6	24.0	27.2	30.9
Operating revenues [5]	Bil. dol	8.1	11.3	17.4	29.6	37.3	42.0	46.4	51.9	59.4	65.7
Local exchange	Bil. dol	4.7	6.1	8.7	14.4	17.5	19.2	20.8	23.0	26.3	29.6
Toll	Bil. dol	3.1	4.7	8.0	14.2	18.5	21.2	23.8	26.7	30.9	33.9
Operating expenses [6]	Bil. dol	5.6	7.9	12.9	22.2	27.7	31.0	34.9	38.3	45.0	51.4
Net income	Bil. dol	1.3	1.9	2.3	3.3	4.7	5.6	5.6	6.1	6.9	6.6
Dividends declared [7]	Bil. dol	.8	1.1	1.5	2.2	2.9	3.3	3.8	4.0	4.5	4.9
Net income [8]	Bil. dol	1.2	1.8	2.2	2.9	4.3	5.1	5.5	5.9	6.7	6.4
Average common equity	Bil. dol	12.1	18.9	23.9	29.6	35.3	39.0	42.6	46.7	52.1	57.5
Return to average common equity	Ratio	10.0	9.5	9.2	9.7	12.2	13.1	12.9	12.7	12.9	12.2
Employees, number	1,000	595	627	793	789	785	823	855	868	874	840
Wages and salaries	Bil. dol	3.3	4.2	6.6	11.1	13.4	15.1	17.3	19.3	21.5	23.2

[1] 1960 not fully comparable with later years. [2] Message circuits added to existing wire mileage, but not requiring additional wire. Also includes microwave radio. [3] Broadband, 1-way channel. [4] Includes amortization reserves. [5] Includes miscellaneous and uncollectible, not shown separately. [6] Includes operating taxes other than Federal income tax. [7] Excludes intercompany dividends. [8] Beginning 1975, applicable to ATT common (excludes preferred dividend requirement).

Source: American Telephone and Telegraph Company, New York, N.Y., unpublished data compiled from reports of Bell System and Southern New England and Cincinnati Bell Companies.

No. 946. Independent Telephone Companies—Summary: 1955 to 1982

[As of **Dec. 31** or **calendar year**, as applicable. See also *Historical Statistics, Colonial Times to 1970*, series R 31-45]

ITEM	Unit	1955	1960	1965	1970	1975	1978	1979	1980	1981	1982
All companies [1]	**Number**	4,713	3,299	2,421	1,841	1,618	1,527	1,488	1,483	1,459	1,432
Telephones	1,000	8,461	11,428	15,027	20,312	26,823	31,549	33,226	34,665	35,341	(NA)
Access lines	1,000	(NA)	(NA)	(NA)	(NA)	16,855	19,246	20,078	20,808	21,429	21,700
Total telephone plant	Mil. dol	2,043	4,019	6,826	12,390	21,200	27,788	31,644	35,300	38,298	41,941
Operating revenues	Mil. dol	590	1,020	1,670	2,953	5,500	8,085	9,240	10,475	12,206	13,979
Reporting companies [2]	**Number**	406	550	669	684	731	761	755	765	768	754
Telephones	1,000	6,750	9,718	13,648	19,182	25,548	30,323	32,511	33,748	34,593	(NA)
Access lines	1,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	18,576	19,412	20,561	21,146
Telephone plant in service	Mil. dol	1,656	3,396	6,056	11,175	19,520	25,640	29,379	32,491	35,986	38,847
Depreciation reserves	Mil. dol	326	600	1,168	2,203	4,120	6,063	6,980	7,820	8,905	10,220
Operating revenues	Mil. dol	503	1,040	1,530	2,791	5,294	7,807	9,073	10,177	11,860	13,445
Operating expenses [3]	Mil. dol	354	630	1,040	1,953	3,639	5,405	6,415	7,279	8,449	10,699
Net income	Mil. dol	67	117	225	356	711	1,073	1,210	1,268	1,505	1,751
Common stock and surplus	Mil. dol	555	1,111	1,894	3,733	6,181	7,751	8,719	9,623	10,641	11,396
Net income to common stock and surplus	Percent	12.0	10.5	11.9	9.5	11.5	13.8	13.9	13.2	14.2	15.4
Employees	1,000	72	85	101	142	152	172	187	189	192	186
Wages and salaries	Mil. dol	224	359	537	1,001	1,737	2,579	3,015	3,373	3,775	4,069

NA Not available. [1] All telephone companies independent of Bell System. [2] Comprises only companies submitting operating information to source cited below. [3] Excludes Federal income tax.

Source: United States Independent Telephone Association, Washington, D.C., *Statistics of the Independent Telephone Industry*, annual. (Copyright.)

No. 947. REA and Rural Telephone Bank Program—Summary: 1960 to 1982

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982
Loans and guarantees approved, Dec. 31: [1]										
Borrowers	Number	727	845	862	921	966	981	990	1,010	1,029
REA amount	Mil. dol	737	1,200	1,816	2,576	3,354	3,606	3,845	4,076	4,327
Guaranteed amount	Mil. dol	-	-	-	237	392	392	418	553	626
Rural Telephone Bank amount	Mil. dol	-	-	-	618	1,121	1,262	1,388	1,529	1,726
Route miles of line,[2] Dec. 31	1,000	287	460	547	653	748	772	798	805	838
Subscribers, Dec. 31	1,000	1,142	1,726	2,335	3,045	3,877	4,073	4,262	4,375	4,546
Telephones in service	1,000	1,280	2,046	2,989	4,355	5,925	6,335	6,770	6,953	7,147
Total operating revenues	Mil. dol	94	187	363	753	1,305	1,540	1,758	2,042	2,389
Total telephone plant	Mil. dol	635	1,168	2,085	3,850	5,770	6,558	7,388	8,034	8,897
Employees	1,000	9.7	11.6	15.4	20.0	26.3	27.9	28.4	28.7	28.8

- Represents zero. [1] Cumulative net loans (cancellations deducted). [2] Line in service.

Source: U.S. Rural Electrification Administration, *Statistical Report—Rural Telephone Borrowers*, annual.

No. 948. Telephones, Calls, and Rates: 1960 to 1981

[See also *Historical Statistics, Colonial Times to 1970*, series R 1-16]

ITEM	Unit	1960	1965	1970	1974	1975	1977	1978	1979	1980	1981
Telephones, Dec. 31	Million	74	94	120	144	149	162	169	176	180	182
Total per 1,000 population	Number	408	478	582	670	686	732	755	755	790	789
Bell companies [1]	Million	63	79	100	118	122	132	137	143	145	147
Independent companies	Million	11	15	20	26	27	30	31	32	35	35
Business	Million	21	26	33	39	39	42	44	46	48	47
Residence	Million	54	68	87	105	110	120	125	130	133	135
Households with service [2]	Percent	79	85	91	93	93	95	96	96	96	97
Average daily conversations:											
Bell companies [1 3]	Million	225	287	379	470	481	519	561	576	595	601
Local	Million	215	273	356	438	448	479	515	526	541	545
Long distance	Million	10	14	23	32	33	40	45	50	54	56
Independent companies [3]	Million	60	80	107	143	146	160	176	180	192	199
Local	Million	58	77	103	136	137	150	165	166	176	182
Long distance	Million	2	3	4	7	9	10	11	14	16	17
Toll rates in effect, Dec. 31, from New York City to— [4]											
Philadelphia	Dollar	.50	.50	.50	.60	.90	1.01	1.01	1.01	1.05	1.22
Chicago	Dollar	1.45	1.40	1.05	1.15	1.20	1.18	1.18	1.18	1.25	1.45
Denver	Dollar	1.80	1.70	1.25	1.35	1.30	1.24	1.24	1.24	1.31	1.52
San Francisco	Dollar	2.25	2.00	1.35	1.45	1.36	1.30	1.30	1.30	1.37	1.58
London	Dollar	(NA)	(NA)	3.60	3.60	3.60	3.60	4.50	4.50	4.80	3.00
Cairo	Dollar	(NA)	(NA)	(NA)	9.00	9.00	9.00	9.00	9.00	9.45	9.45
Tokyo	Dollar	(NA)	9.00	9.00	9.00	9.00	9.00	7.80	7.35	7.80	4.95
Buenos Aires	Dollar	(NA)	(NA)	8.00	8.00	8.00	8.00	8.00	6.75	7.05	4.50

NA Not available. [1] See headnote, table 945. [2] See footnote 3, table 949 for definition. Based on revised household counts. [3] Includes messages originating in independent company areas routed in part over Bell facilities. [4] Source: Federal Communications Commission, tariff releases. Rates for dialing station-to-station, daytime, 3-minute calls.

Source: Except as noted, American Telephone and Telegraph Company, New York, N.Y., unpublished data.

No. 949. Telephones in Use, by States: 1970 and 1981

[As of Dec. 31]

STATE	TELEPHONES					PERCENT HOUSEHOLDS WITH SERVICE [3]		STATE	TELEPHONES					PERCENT HOUSEHOLDS WITH SERVICE [3]	
	Number (1,000)		Percent owned by Bell [1]		Per 100 population,[2]				Number (1,000)		Percent owned by Bell [1]		Per 100 population,[2]		
	1970	1981	1970	1981	1981	1970	1981		1970	1981	1970	1981	1981	1970	1981
U.S	120,155	181,892	83	81	58	92	96	Mo	2,753	3,879	83	79	59	91	94
								Mont	357	631	84	82	58	89	95
Ala	1,563	2,641	84	82	51	80	87	Nebr	884	1,344	58	57	63	96	100
Alaska	85	325	–	–	50	(NA)	90	Nev	333	756	35	35	61	84	84
Ariz	956	2,195	97	95	58	82	95	N.H	425	728	95	95	58	99	99
Ark	859	1,462	73	69	49	77	85								
Calif	13,306	21,163	79	77	62	94	100	N.J	4,786	6,797	98	98	68	99	108
								N. Mex	494	897	87	85	47	80	86
Colo	1,374	2,561	98	98	62	93	97	N.Y	12,416	12,750	92	91	53	97	97
Conn	2,051	2,702	99	99	64	100	103	N.C	2,385	4,325	52	53	55	82	91
Del	380	540	100	100	65	97	100	N. Dak	321	541	70	72	60	94	98
D.C	878	1,095	100	100	81	100	103								
Fla	4,142	8,679	68	64	64	88	98	Ohio	6,201	8,085	77	75	57	94	94
								Okla	1,469	2,550	88	85	60	88	96
Ga	2,413	4,339	86	86	58	83	88	Oreg	1,190	2,034	78	71	54	89	86
Hawaii	424	722	–	–	48	(NA)	98	Pa	7,476	9,895	83	80	63	95	99
Idaho	358	716	80	78	55	87	92	R.I	531	730	100	100	58	96	98
Ill	7,110	10,276	83	83	67	94	99								
Ind	2,905	4,117	66	64	57	90	92	S.C	1,168	2,132	74	71	50	80	86
								S. Dak	335	529	81	78	57	91	92
Iowa	1,625	2,297	70	68	60	95	95	Tenn	1,947	3,248	84	83	54	84	88
Kans	1,301	2,008	83	83	64	93	96	Texas	6,329	11,691	84	80	57	86	95
Ky	1,435	2,338	73	70	48	80	86	Utah	596	1,094	96	96	54	93	93
La	1,781	3,092	95	93	54	87	93								
Maine	490	816	90	88	56	93	98	Vt	236	378	87	87	54	97	101
								Va	2,476	3,956	80	79	54	86	91
Md	2,482	3,649	100	100	64	93	99	Wash	1,996	3,342	77	72	55	91	90
Mass	3,523	4,855	100	100	59	98	101	W. Va	763	1,138	87	86	45	82	85
Mich	5,135	7,253	89	87	60	95	98	Wis	2,370	3,501	72	67	55	95	98
Minn	2,248	3,257	82	78	58	97	99	Wyo	196	429	94	94	60	89	89
Miss	891	1,613	95	95	49	71	82								

– Represents zero. NA Not available. [1] Includes 463,200 service telephones (noncompany telephones for which switching service is provided) in 1970, and 364,305 in 1981. [2] Residential telephones per 100 population. Based on Bureau of the Census estimated resident population as of July 1, 1981. [3] Households with service are sum of residence main, apartment house private branch exchange and residence service main telephones, and other residence private branch exchange systems. There tends to be a slight overstatement of the proportion of households with telephone service.

Source: U.S. Federal Communications Commission, *Statistics of Communications Common Carriers*, annual.

No. 950. Television Broadcast Industry Finances: 1960 to 1980

[For commercial stations only. Includes Puerto Rico and Virgin Islands. Net revenues are total time sales of all networks and stations, less commissions to agencies plus incidental revenues (eg. sale of talent and program material). See *Historical Statistics, Colonial Times to 1970*, series R 123-139]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Number of networks, Dec. 31	3	3	3	3	3	3	3	3	3	3
Number of stations reporting, Dec. 31	530	588	686	694	693	701	697	714	723	725
VHF	454	488	506	514	513	511	512	513	512	507
UHF	76	100	180	180	180	190	185	201	211	218
FINANCES (mil. dol.)										
Broadcast revenues, gross	1,504	2,328	3,337	4,479	4,860	5,191	7,000	8,266	9,365	10,477
Sales to advertisers	1,456	2,266	3,243	4,354	4,722	6,030	6,840	8,102	9,183	10,279
Network sales	747	1,142	1,551	2,005	2,157	2,675	3,242	3,726	4,311	4,808
National non-network sales	469	796	1,103	1,336	1,449	1,923	1,966	2,336	2,574	2,929
Local sales	240	328	589	1,012	1,116	1,432	1,631	2,040	2,298	2,542
Nonadvertising revenues	48	62	94	125	138	161	159	164	182	198
Broadcast revenues, net	1,269	1,965	2,808	3,781	4,094	5,198	5,889	6,950	7,875	8,808
3 networks [1]	641	1,024	1,457	1,921	2,069	2,604	3,085	3,549	4,093	4,566
Other stations	628	941	1,351	1,860	2,025	2,594	2,804	3,400	3,782	4,242
Broadcast expenses of networks and stations	1,025	1,517	2,354	3,043	3,314	3,948	4,488	5,297	6,185	7,154
3 networks [1]	546	862	1,290	1,590	1,755	2,150	2,530	2,989	3,517	4,031
Other stations	479	655	1,065	1,453	1,559	1,798	1,958	2,307	2,668	3,123
Broadcast income [2]	244	448	454	738	780	1,250	1,401	1,653	1,690	1,654
3 networks [1]	95	162	167	331	314	455	555	560	575	534
Other stations	149	286	286	406	466	796	846	1,094	1,115	1,119

[1] Includes owned and operated stations. [2] Before Federal income tax.

Source: U.S. Federal Communications Commission, *TV Broadcast Financial Data*, annual (discontinued).

No. 951. Radio Broadcast Industry Finances: 1960 to 1980

[Minus sign (−) indicates loss. See headnote, table 950, and *Historical Statistics, Colonial Times to 1970*, series R 106-122]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Number of networks, Dec. 31	4	4	7	7	7	7	7	8	8	8
Number of stations reporting, Dec. 31	3,688	4,279	4,898	5,436	5,535	5,638	5,619	5,748	5,769	5,878
AM and AM-FM	3,470	3,941	4,209	4,361	4,355	4,363	4,292	4,316	4,253	4,259
FM independents	218	338	464	678	703	713	741	777	835	904
FM affiliates of AM stations [1]	(NA)	(NA)	225	397	477	562	586	655	681	715
FINANCES (mil. dol.)										
Broadcast revenues, gross	665	880	1,272	1,774	1,911	2,247	2,535	2,935	3,198	3,577
Revenues from sales to advertisers	654	868	1,257	1,756	1,890	2,226	2,513	2,911	3,172	3,547
Network sales	45	54	49	60	73	92	118	126	139	158
National non-network sales	208	261	355	387	416	495	521	592	637	746
Local sales	401	553	853	1,309	1,401	1,639	1,873	2,192	2,397	2,643
Nonadvertising revenues	11	12	15	18	21	21	22	24	26	30
Broadcast revenues, net	598	793	1,137	1,603	1,725	2,019	2,275	2,635	2,874	3,206
AM and AM-FM [2]	592	777	1,077	1,410	1,480	1,687	1,946	2,065	2,177	2,343
FM independents	6	16	41	128	143	180	225	285	362	441
FM affiliates of AM stations [1]	(NA)	(NA)	19	65	102	152	203	285	336	422
Networks [3]	63	74	88	116	134	166	213	236	253	293
Other stations	535	719	1,049	1,487	1,591	1,853	2,062	2,399	2,621	2,913
Broadcast expenses of networks and stations	552	715	1,044	1,519	1,638	1,841	2,026	2,324	2,643	3,047
AM and AM-FM [2]	544	696	973	1,315	1,384	1,529	1,642	1,827	2,004	2,240
FM independents	8	19	47	141	152	176	216	262	348	437
FM affiliates of AM stations [1]	(NA)	(NA)	24	63	98	136	171	235	291	370
Networks [3]	66	71	90	116	128	157	166	193	215	265
Other stations	486	644	955	1,403	1,510	1,684	1,862	2,131	2,427	2,782
Broadcast income [4]	46	78	93	84	91	179	246	311	231	159
AM and AM-FM [2]	48	81	104	95	95	158	204	237	173	102
FM independents	−2	−3	−6	−13	−9	4	9	24	14	4
FM affiliates of AM stations [1]	(NA)	(NA)	−5	2	5	17	32	50	45	53
Networks [3]	−3	3	−1	-	6	9	47	44	37	27
Other stations	49	75	94	84	85	170	200	267	194	132

- Represents zero. NA Not available. [1] For 1960 and 1965, reports combined with AM stations. [2] Includes national networks. [3] Includes owned and operated stations. [4] Before Federal income tax.

Source: U.S. Federal Communications Commission, *AM-FM Broadcast Financial Data*, annual (discontinued).

No. 952. Broadcast and Nonbroadcast Stations Authorized and Operators Licensed, by Class: 1975 to 1982

[*1975 as of June 30*; thereafter, as of **Sept. 30**. Includes Puerto Rico and Virgin Islands. See also *Historical Statistics, Colonial Times to 1970*, series R 140-148]

CLASS	1975	1980	1982
	STATIONS AUTHORIZED (1,000)		
Private radio services [1]	**2,602.4**	**[2] 16,357.3**	**7,709.6**
Amateur and disaster	276.8	389.9	410.6
Personal	1,530.8	14,560.2	5,759.0
Aviation	184.4	231.6	238.0
Aircraft	154.7	196.8	202.5
Aeronautical and fixed	7.4	9.5	9.6
Civil air patrol	19.6	21.6	22.1
Other	2.7	3.7	3.8
Industrial	244.6	504.9	649.0
Power	17.5	23.1	27.3
Business	155.2	370.4	483.6
Petroleum	11.8	17.9	21.4
Forest products	4.3	6.4	6.6
Special industrial	40.7	72.1	90.5
Other	15.1	14.7	19.6
Land transportation	22.6	28.0	34.4
Railroad	8.9	10.0	11.4
Taxicab	3.7	4.8	6.1
Interurban property	2.2	3.1	4.4
Other	7.9	9.9	12.5
Marine	250.7	398.3	434.7
Ship	243.6	386.6	421.4
Alaskan	2.1	2.6	2.6
Coastal and other	5.0	9.1	10.7
Public safety	92.6	137.1	166.2
Police	28.8	42.3	47.3
Fire	14.0	20.6	26.1
Forestry conservation	6.2	7.6	8.6
Highway maintenance	7.7	9.7	11.4
Special emergency	12.4	22.4	30.6
Other	23.5	34.2	42.2
Operational fixed services [3]	(NA)	18.0	17.7

CLASS	1975	1980	1982
	STATIONS AUTHORIZED (number)		
Mass media services [4]	**33,049**	**39,052**	**43,114**
Cable TV relay service [4]	877	1,880	2,414
Commercial AM	4,466	4,689	4,838
Commercial TV	759	844	975
Educational TV	256	288	303
TV translator	3,389	4,636	5,513
Auxiliary TV	3,032	5,844	7,235
Experimental TV	3	5	9
UHF signal booster	9	6	6
Aural, studio-transmitter-link, intercity relay	1,008	2,144	2,782
Commercial FM	2,847	3,390	3,749
Educational FM	850	1,156	1,255
International	4	4	12
Remote pickup	14,959	12,796	12,038
Instructional TV, *fixed*	187	223	310
Other	381	1,147	1,675
Common carrier services	**27,357**	**27,565**	**34,344**
Point-to-point microwave	8,133	9,164	9,757
Multipoint distribution serv	69	215	352
Local TV transmission	64	66	69
Rural radio	1,218	1,692	1,715
Developmental radio	(NA)	93	135
Public mobile [5]	17,783	11,451	15,170
International control, *fixed*	25	7	7
Satellite earth stations [6]	48	4,673	7,013
Satellites in orbit [6 7]	17	37	43
Other	(NA)	56	83
Experimental services	**1,349**	**1,513**	**1,195**
	RADIO OPERATORS (1,000)		
Total	**4,222**	**5,154**	**5,400**
Commercial	3,965	4,764	4,994
Amateur	257	390	406

NA Not available. [1] Each license, construction permit, or *combination* construction permit and license is counted as one station; therefore, a station might include a transmitter and many mobile units. [2] Includes 89,096 stations for which a breakdown by class is not available. [3] Includes *microwave* operations. Prior to 1980, data not separable from other class categories. [4] Stations licensed or holding construction permits. [5] Beginning 1980, station count excludes *individual land mobile units, which are no longer individually licensed.* [6] Includes INTELSAT, INMARSAT and *domestic satellite systems.* [7] Includes retired and contingency satellites.

Source: *U.S. Federal* Communications Commission, *Annual Report.*

No. 953. Public Television Stations: 1961 to 1982

[*Based on a "typical" broadcast week through 1972; calendar year data for 1974 and 1976; fiscal year data thereafter. General* programing is directed at the general community. *Instructional* programing is directed at students in the classroom or otherwise in the general context of formal education]

ITEM	1961	1966	1968	1970	1972	1974	1976	1978	1980	1982
Stations	56	115	[1] 153	[1] 180	220	[2] 238	[3] 253	272	281	291
Total weekly broadcast hours	**2,186**	**5,688**	**[1] 8,534**	**[1] 12,217**	**15,587**	**18,321**	**22,096**	**26,064**	**27,643**	**30,337**
General programs	1,431	3,248	4,671	7,697	7,904	10,868	14,329	17,929	19,508	21,418
Percent of total hours	65.5	57.5	54.7	63.0	50.7	59.3	64.8	68.8	69.6	70.6
Instructional programs [4]	755	2,440	3,863	4,520	7,683	7,453	7,766	8,135	8,135	8,919
Average weekly broadcast hours per station	**39.0**	**49.5**	**56.1**	**65.3**	**70.9**	**80.7**	**90.9**	**95.8**	**99.8**	**104.3**
General programing	25.6	28.2	30.7	41.1	36.0	47.9	59.0	65.9	69.4	73.6
Instructional programing [4]	13.8	21.2	25.4	24.2	34.9	32.8	31.9	29.9	30.4	30.7

[1] 152 stations reported in 1968 and 187 in 1970; details include data for reporting stations only. [2] Includes data for 227 stations only, representing 147 primary broadcasters; does not include secondary broadcasters. [3] Includes data for 243 stations only, representing 151 primary broadcasters. [4] Beginning 1974, includes material from Children's Television Workshops.

Source: Through 1970, National Instructional Television Center, Bloomington, Ind., *One Week of Educational Television, 1970* (copyright); 1972, Corporation for Public Broadcasting, *One Week of Public TV*, April 1972, and unpublished data; 1974-1982, Corporation for Public Broadcasting, *PTV Programming Content by Category Report Series,* and unpublished data.

No. 954. Public Broadcasting Systems—Income by Source: 1972 to 1982

[In millions of dollars, except as indicated. Fiscal year data. Beginning 1977 includes nonbroadcast income]

NUMBER OF STATIONS AND INCOME SOURCE	1972	1975	1977	1978	1979	1980	1981	1982, prel.	PERCENT DISTRIBUTION 1975	1980	1982
Number of CPB-qualified public radio stations	132	169	182	199	210	217	238	255	(X)	(X)	(X)
Public television stations	228	260	274	280	281	290	293	299	(X)	(X)	(X)
Total income	**234.3**	**364.8**	**482.1**	**552.3**	**603.5**	**704.9**	**768.9**	**839.2**	**100.0**	**100.0**	**100.0**
Federal government	59.8	92.3	135.3	160.8	163.2	192.5	193.7	198.3	25.3	27.3	23.6
State and local government [1]	107.7	156.6	191.3	218.2	245.5	271.6	277.5	297.6	42.9	38.5	35.5
Subscribers and auction/marathon	17.6	42.3	63.7	75.2	86.1	102.3	130.8	160.2	11.6	14.5	19.1
Business and industry	[2]	25.1	40.0	49.0	57.9	72.4	86.8	89.9	6.9	10.3	10.7
Foundation	25.1	28.7	22.6	17.2	20.4	23.5	19.3	22.2	7.9	3.3	2.6
Other	[2] 24.1	19.8	29.2	31.9	30.4	42.6	60.8	71.0	5.4	6.0	8.5

X Not applicable. [1] Includes income received from State colleges and universities, and, beginning 1979 from other tax supported colleges and universities. [2] Business and industry included in other.

Source: Corporation for Public Broadcasting, Washington, D.C., *Status Report of Public Broadcasting, 1982*, and unpublished data.

No. 955. Cable Television—Systems and Subscribers: 1952 to 1983

[Subscribers in thousands, except percent]

YEAR (As of Jan. 1)	Systems	Subscribers	YEAR (As of Jan. 1)	Systems	Subscribers	SUBSCRIBER SIZE-GROUP [1]	Number of—[2] Systems	Number of—[2] Subscribers	Percent of—[2] Systems	Percent of—[2] Subscribers
1952	70	14	1973	2,991	7,300	50,000 and over	57	4,388	.99	16.62
1955	400	150	1974	3,158	8,700	20,000-49,999	239	7,120	4.16	26.97
1960	640	650	1975	3,506	9,800	10,000-19,999	369	5,106	6.42	19.35
1965	1,325	1,275	1976	3,681	10,800	5,000-9,999	554	3,938	9.64	14.92
1967	1,770	2,100	1977	3,832	11,900	3,500-4,999	404	1,690	7.03	6.40
1968	2,000	2,800	1978	3,875	13,000	1,000-3,499	1,573	3,041	27.37	11.52
1969	2,260	3,600	1979	4,150	14,100	500-999	990	715	17.22	2.71
1970	2,490	4,500	1980	4,225	16,000	250-499	844	308	14.68	1.17
1971	2,639	5,300	1981	4,375	18,300	Less than 250	610	91	10.61	.34
1972	2,841	6,000	1982	4,825	21,000					
			1983	5,600	25,000					

[1] Excludes 108 systems not available by subscriber size-group. [2] As of March 1, 1983.

Source: Television Digest, Inc., Washington, D.C., *Television Factbook*, annual. (Copyright.)

No. 956. Cable Television—Selected Characteristics: 1976 to 1981

[For **fiscal year** ending in **December of year shown.** Figures estimated based on financial entities reporting to the FCC. A financial entity is defined as one or more cable television community systems which report to the FCC as one business entity. Data adjusted for nonresponse]

YEAR	Communities (number)	FINANCIAL ENTITIES Total (number)	FINANCIAL ENTITIES Percent reporting	SUBSCRIBERS Number (1,000)	SUBSCRIBERS Average rate per month (dol.)	Total assets (mil. dol.)	Operating revenues (mil. dol.)	Operating expenses (mil. dol.)	Operating income (mil. dol.)	Net income [1] (mil. dol.)	Pay cable revenue (mil. dol.)
1976	7,198	2,349	84	12,636	6.49	2,516	1,000	616	384	58	41
1977	8,369	2,577	90	12,832	6.85	2,450	1,206	717	489	134	86
1978	8,200	2,865	90	14,114	7.03	2,871	1,511	918	593	137	192
1979	8,539	2,992	94	15,760	7.37	3,212	1,817	1,127	690	199	355
1980	8,678	2,868	96	16,913	7.69	4,443	2,238	1,439	799	168	575
1981	11,944	3,600	88	23,565	7.94	7,915	3,589	2,387	1,202	40	1,172

[1] Before tax.

Source: U.S. Federal Communications Commission, *Cable Television Revenues*, annual.

No. 957. Radio and Television Stations Owned by Newspapers and/or Magazines: 1961 to 1982

DATE	AM radio	FM radio	TV	DATE	AM radio	FM radio	TV	DATE	AM radio	FM radio	TV
1961, Sept. 1	412	147	161	1971, Dec. 1	318	209	176	1977, Dec. 1	314	238	211
1965, Oct. 31	391	170	174	1972, Dec. 1	325	171	178	1978, Dec. 1	319	252	221
1968, Dec. 4	381	191	183	1973, Dec. 1	304	211	179	1979, Dec. 1	319	257	226
1969, Dec. 1	394	245	189	1974, Dec. 1	321	236	193	1980, Dec. 1	315	264	230
1971, Feb. 1	402	248	191	1975, Dec. 1	320	238	197	1981, Dec. 1	311	277	246
				1976, Dec. 1	322	238	209	1982, Dec. 1	300	263	251

Source: Broadcasting Publications Inc., Washington, D.C., *Broadcasting Cablecasting Yearbook*. (Copyright.)

No. 958. Radios and Television Sets—Production and Imports, by Type: 1960 to 1982

[In thousands, except percent]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
RADIOS [1]												
Total	**24,463**	**41,726**	**44,427**	**43,992**	**34,515**	**44,101**	**52,926**	**48,035**	**40,029**	**39,574**	**44,359**	**44,088**
Percent FM/AM-FM	(NA)	15.2	48.0	59.4	65.0	59.6	65.9	66.7	68.6	77.9	78.8	83.6
Table model	4,511	4,370	5,714	2,764	2,253	2,876	1,990	1,805	1,250	938	1,067	794
Percent FM/AM-FM	16.8	32.0	72.8	81.7	80.6	66.4	54.5	61.3	72.5	59.3	58.0	57.1
Clock model	3,780	5,448	4,874	9,174	6,641	7,353	11,447	11,488	9,354	9,445	9,782	8,433
Percent FM/AM-FM	4.1	16.0	53.8	79.1	89.1	85.8	89.4	92.3	93.4	97.6	97.9	98.3
Portable model	9,740	21,871	23,461	21,292	16,382	21,427	26,599	22,074	17,044	17,721	20,627	22,555
Percent FM/AM-FM	1.4	15.7	55.9	61.9	68.4	55.4	61.4	59.0	63.7	68.6	70.2	78.5
Auto model	6,432	10,037	10,378	10,762	9,239	12,445	12,890	12,668	12,381	11,470	12,883	12,306
Percent FM/AM-FM	(NA)	6.3	13.8	31.8	37.7	49.7	56.0	57.7	56.1	77.5	79.8	84.7
TELEVISION SETS [2]												
Total	**5,708**	**11,028**	**9,483**	**15,279**	**10,637**	**14,131**	**15,431**	**17,407**	**16,619**	**18,532**	**18,479**	**16,406**
Monochrome sets	[3] **5,708**	[3] **8,382**	**4,852**	**6,868**	**4,418**	**5,937**	**6,090**	**6,733**	**6,576**	**6,729**	**6,056**	**4,922**
Table and portable	3,274	6,956	4,463	6,732	4,354	5,863	6,033	6,706	6,559	6,714	6,056	4,922
Console	2,211	1,318	389	136	64	74	57	27	17	15	(3)	(3)
Color sets [4]	(NA)	**2,646**	**4,631**	**8,411**	**6,219**	**8,194**	**9,341**	**10,674**	**10,043**	**11,803**	**12,423**	**11,484**
Table and portable	(NA)	(NA)	2,495	5,698	4,186	5,785	6,722	7,913	7,727	9,373	9,851	9,102
Console	(NA)	(NA)	2,018	2,674	2,008	2,377	2,591	2,739	2,295	2,430	2,572	2,382

NA Not available. [1] Products of U.S. manufacturers and imports by distributors or dealers for resale. Beginning 1974, also includes products purchased by U.S. manufacturers. [2] Products produced or purchased by U.S. manufacturers for sale with their brand name. Beginning 1974, also includes products imported directly by distributors or dealers for resale. [3] For 1960 and 1965, includes combinations; beginning 1981 consoles included in table and portable. [4] 1965-1979 total includes combinations; beginning 1980, included with consoles.

Sources: Electronic Industries Association, Washington, D.C., *Electronic Market Data Book*, annual. (Copyright.)

No. 959. Publishing Industry—Summary: 1972 to 1981

[In millions of dollars, except as noted. Based on the censuses and surveys of manufactures; for details, see Appendix III]

ITEM	NEWSPAPERS			PERIODICALS			BOOKS		
	1972	1977	1981	1972	1977	1981	1972	1977	1981
Establishments, number	8,116	8,867	(NA)	2,535	2,994	(NA)	1,205	1,745	(NA)
With 20 or more employees	2,120	2,147	(NA)	453	525	(NA)	307	346	(NA)
Employees [1] (1,000)	350	349	419	67	70	80	57	60	64
Payroll	3,168	4,306	6,289	709	1,020	1,564	558	830	1,123
Value of receipts	8,263	13,056	20,050	3,511	6,057	9,843	2,857	4,794	6,760
Cost of materials	2,044	3,539	5,793	1,404	2,289	3,790	960	1,544	2,166
Value added by manufacture [2]	6,220	9,519	14,258	2,110	3,763	6,075	1,936	3,262	4,623
New capital expenditures	360	554	1,023	57	86	171	48	78	153
Fixed assets, gross value	3,639	5,026	8,037	588	725	1,135	512	680	958
Inventories, yearend	153	382	682	198	350	586	629	992	1,325

NA Not Available. [1] Represents the average number of production workers plus the number of other employees in mid-March. [2] Derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments. This result is then adjusted by the addition of value added by merchandising operations, plus the net change in finished goods and work-in-process inventories between the beginning and the end of the year.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977*, Industry Reports, series MC 77-I-27A and *Annual Survey of Manufactures*, M81 (AS)-1.

No. 960. Newspapers and Periodicals: 1950 to 1983

[Prior to 1960, excludes Alaska and Hawaii. Data refer to year of compilation of the Directory cited as the source, i.e., generally to year preceding year shown. See also *Historical Statistics, Colonial Times to 1970*, series R 232-243]

ITEM	1950	1955	1960	1965	1970	1975	1979	1980	1981	1982	1983
Newspapers [1]	**12,115**	**11,415**	**11,315**	**11,383**	**11,383**	**11,400**	**9,827**	**9,620**	**9,676**	**9,183**	**9,205**
Semiweekly	337	324	324	357	423	506	543	537	508	498	508
Weekly	9,794	9,126	8,979	8,989	8,903	8,824	7,357	7,159	7,238	6,806	6,855
Daily	1,894	1,860	1,854	1,843	1,838	1,819	1,744	1,744	1,747	1,740	1,735
Periodicals [1]	**6,960**	**7,648**	**8,422**	**8,990**	**9,573**	**9,657**	**9,719**	**10,236**	**10,873**	**10,688**	**10,952**
Weekly	1,443	1,602	1,580	1,716	1,856	1,918	1,764	1,716	1,921	1,672	1,626
Semimonthly [2]	416	503	527	550	589	537	594	645	667	689	724
Monthly	3,694	3,782	4,113	4,195	4,314	4,087	3,850	3,985	4,199	4,078	4,108
Bimonthly	436	608	743	876	957	1,009	1,043	1,114	1,193	1,237	1,307
Quarterly	604	674	895	1,030	1,108	1,093	1,261	1,444	1,484	1,554	1,627

[1] Includes other not shown separately. [2] Includes fortnightly (every two weeks).

Source: IMS Press, Fort Washington, Pa., *The IMS '83 Ayer Directory of Publications*, annual. (Copyright.)

No. 961. Newsprint Consumption and Newspaper Pages: 1960 to 1982

[Consumption data for 1960 thru 1970 are predominately 32 lb. basis weight; beginning with 1975, data predominately 30 lb. basis weight. Metric ton = 1.102 short tons and 2,204.6 lbs. See table 1240 for additional newsprint data. See also *Historical Statistics, Colonial Times to 1970*, series R 218-223]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982
Newsprint consumption, total [1]	Mil. metric ton	6.7	7.8	8.8	8.4	9.9	10.2	10.1	10.2	10.1
Per capita [2]	Pound	82.1	88.9	95.2	85.9	98.3	100.1	98.0	98.1	96.2
By daily newspapers [1]	Mil. metric ton	5.8	6.7	7.3	6.8	7.6	7.9	7.8	7.8	7.6
Price per metric ton [3]	Dollar	144	144	179	287	353	413	440	500	469
Newspaper pages per issue: [4]										
Daily	Number	43	50	47	57	[5] 60	[5] 64	66	64	67
Sunday	Number	142	167	145	180	[5] 196	[5] 207	208	210	236

[1] Estimated. [2] Based on U.S. Bureau of the Census estimated resident population as of July 1. [3] General prices in the eastern U.S. in effect at end of year. [4] Source: Editor & Publisher Co., Inc., New York, N.Y., *Editor & Publisher*, weekly (copyright). [5] Based on data from Media Records, Inc.

Source: Except as noted, American Newspaper Publishers Association, Reston, Va., *Newsprint Statistics*, annual.

No. 962. Number and Circulation of Daily and Sunday Newspapers: 1950 to 1982

[Prior to 1960, excludes Alaska and Hawaii. Number of newspapers as of the following dates: **1950-1960, Oct. 1; 1965, Jan. 1; 1970-1982, Feb. 1** of the following year, except 1977, as of **Mar. 30** the following year. Circulation figures as of **Sept. 30**, except **1950-1965** as of **Oct. 1**. For English language newspapers only. See *Historical Statistics, Colonial Times to 1970*, series R 224-231]

ITEM	1950	1955	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
NUMBER OF NEWSPAPERS												
Daily: Total [1]	1,772	1,760	1,763	1,751	1,748	1,756	1,753	1,756	1,763	1,745	1,730	1,711
Morning	322	316	312	320	334	339	352	355	382	387	408	434
Evening	1,450	1,454	1,459	1,444	1,429	1,436	1,435	1,419	1,405	1,388	1,352	1,310
Sunday	549	541	563	562	586	639	668	696	720	736	755	768
CIRCULATION (mil.)												
Daily: Total [1]	53.8	56.1	58.9	60.4	62.1	60.7	61.5	62.0	62.2	62.2	61.4	62.5
Morning	21.3	22.2	24.0	24.1	25.9	25.5	26.7	27.7	28.6	29.4	30.6	33.2
Evening	32.6	34.0	34.9	36.3	36.2	35.2	34.8	34.3	33.6	32.8	30.9	29.3
Sunday	46.6	46.4	47.7	48.6	49.2	51.1	52.4	54.0	54.4	54.7	55.2	56.3

[1] Beginning 1955, all-day newspapers are counted in both morning and evening columns but only once in total. Circulation is divided equally between morning and evening.

Source: Editor & Publisher Co. Inc., New York, N.Y. *Editor & Publisher International Yearbook*, annual. (Copyright.)

No. 963. Number and Circulation of Daily Newspapers, by Population-Size Class of City: 1960 to 1982

[Number of newspapers for **1960** as of **Oct. 1; 1970-1982** as of **February 1** of the following year. Circulation as of **Sept. 1**, except **1960** as of **Oct. 1**. For English language newspapers only. See table 28 for number of cities by population size]

TYPE OF DAILY AND POPULATION-SIZE CLASS	NUMBER [1]						NET PAID CIRCULATION [1] (1,000)					
	1960	1970	1975	1980	1981	1982	1960	1970	1975	1980	1981	1982
Morning dailies, total	**312**	**334**	**339**	**387**	**408**	**434**	**24,059**	**25,934**	**25,491**	**29,413**	**30,552**	**33,174**
In cities of:												
1,000,001 or more	16	15	14	20	20	21	7,935	7,667	7,159	8,795	9,033	9,744
500,001 to 1,000,000	22	26	25	27	21	24	4,638	5,747	5,581	5,705	4,652	5,547
100,001 to 500,000	85	91	89	99	115	119	7,613	8,169	7,836	8,996	10,607	11,255
50,001 to 100,000	64	65	69	75	78	81	2,278	2,220	2,619	2,973	3,074	3,212
25,001 to 50,000	54	59	67	64	64	74	949	1,317	1,422	1,701	1,741	1,947
Less than 25,000	71	78	75	102	110	115	646	814	874	1,243	1,445	1,468
Evening dailies, total	**1,459**	**1,429**	**1,436**	**1,388**	**1,352**	**1,310**	**34,911**	**36,231**	**35,166**	**32,788**	**30,879**	**29,313**
In cities of:												
1,000,001 or more	17	12	12	11	9	9	5,021	4,716	4,156	2,984	2,299	2,310
500,001 to 1,000,000	26	24	24	23	18	17	5,375	4,807	4,573	4,101	2,641	2,352
100,001 to 500,000	116	129	127	123	128	120	9,676	10,034	8,918	8,178	8,917	8,122
50,001 to 100,000	158	178	175	156	152	145	4,501	5,221	5,379	4,886	4,692	4,474
25,001 to 50,000	256	250	248	246	262	248	4,345	4,766	4,898	5,106	5,266	5,029
Less than 25,000	886	836	850	829	783	771	5,993	6,687	7,242	7,523	7,064	7,026

[1] All-day newspapers are counted in both morning and evening columns; circulation is divided equally between morning and evening.

Source: Editor & Publisher Co., Inc., New York, N.Y. *Editor & Publisher International Yearbook*, annual. (Copyright.)

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No. 964. Daily and Sunday Newspapers—Number and Circulation, by States: 1982

[Number of newspapers as of **Feb. 1** of the following year. Circulation figures as of **Sept. 30.** For English language newspapers only]

State	Daily			Sunday		State	Daily			Sunday	
	Number	Circulation [1]		Number	Net paid circulation (1,000)		Number	Circulation [1]		Number	Net paid circulation (1,000)
		Net paid (1,000)	Per capita [2]					Net paid (1,000)	Per capita [2]		
Total	**1,711**	**62,487**	**.270**	**768**	**56,261**	Mo	48	1,500	.303	19	1,394
						Mont	11	201	.250	8	202
Ala	27	734	.186	20	694	Nebr	19	479	.302	7	423
Alaska	8	130	.297	2	105	Nev	8	239	.272	5	250
Ariz	19	656	.229	10	621	N.H	9	203	.213	3	101
Ark	32	487	.212	17	490	N.J	26	1,711	.230	17	1,737
Calif	120	6,028	.244	55	5,649						
						N. Mex	20	286	.210	14	264
Colo	28	954	.313	10	1,000	N.Y	76	8,205	.465	34	5,821
Conn	25	901	.286	10	748	N.C	55	1,381	.229	25	1,171
Del	3	154	.256	2	154	N. Dak	10	193	.288	5	146
D.C	3	1,343	2.128	1	972	Ohio	92	3,013	.279	29	2,600
Fla	50	2,676	.257	33	2,862	Okla	53	848	.267	43	877
Ga	37	1,032	.183	15	1,028						
						Oreg	20	647	.244	8	629
Hawaii	7	253	.255	3	410	Pa	98	3,538	.298	21	2,915
Idaho	14	214	.222	7	193	R.I	7	315	.329	2	253
Ill	75	2,756	.241	24	2,731	S.C	17	600	.187	8	522
Ind	76	1,603	.293	18	1,202	S.Dak	12	170	.245	4	123
Iowa	40	843	.290	9	722						
						Tenn	31	1,071	.230	16	1,032
Kans	47	572	.238	18	499	Tex	116	3,599	.236	97	4,128
Ky	25	737	.201	11	613	Utah	6	287	.185	6	375
La	25	799	.183	16	842	Vt	8	119	.231	3	81
Maine	9	288	.254	2	217	Va	39	1,167	.213	15	874
Md	16	779	.183	5	662						
						Wash	28	1,160	.273	18	1,161
Mass	45	2,004	.347	10	1,556	W. Va	25	468	.240	10	403
Mich	52	2,492	.274	15	2,447	Wis	35	1,205	.253	11	957
Minn	26	931	.225	11	994	Wyo	10	104	.207	4	76
Miss	24	410	.161	12	333						

[1] Circulation figures based on the principal community served by a newspaper which is not necessarily the same location as the publisher's office. [2] Per capita based on total resident population estimated as of July 1, 1982.

Source: Editor & Publisher Co., Inc., New York, N.Y., *Editor & Publisher International Year Book*, annual. (Copyright.)

No. 965. Copyright Registration, by Subject Matter: 1970 to 1982

[**In thousands.** For years ending **June 30**, except beginning **1978**, ending **Sept. 30.** Comprises claims to copyright registered for both U.S. and foreign works. See also *Historical Statistics, Colonial Times to 1970*, series W 82-95]

Subject matter of copyright	1970	1975	Subject matter of copyright	1978 [2]	1979	1980	1981	1982
Total	**316.5**	**401.3**	**Total** [3]	**415.7**	**429.0**	**464.7**	**471.1**	**468.1**
Books	88.4	111.9	Monographs	112.9	122.8	119.2	119.0	116.3
Periodicals (issues)	83.9	95.1	Serials	110.9	109.6	117.9	118.5	112.4
Contributions to newspapers, periodicals	1.9	2.6	Musical works	114.8	108.3	120.2	125.0	125.4
Lectures, sermons, addresses	1.7	1.9	Dramatic works, including any accompanying music	6.1	7.1	8.0	8.8	8.7
Dramatic or dramatico-musical compositions	3.4	4.9	Choreography and pantomimes	(z)	(z)	(z)	(z)	.1
Musical compositions	88.9	114.8	Motion pictures and filmstrips	8.5	5.7	8.5	7.8	7.6
Maps	1.9	1.8	Two-dimensional works of fine and graphic art, including prints					
Works of art, models, or designs	6.8	11.0	and art reproductions	12.8	12.7	16.2	15.1	21.4
			Sculptural works	.8	2.4	2.9	2.5	1.9
Reproductions of works of art	3.0	5.0						
Scientific or technical drawings	.8	.9	Technical drawings and models	1.0	1.5	.8	.7	.7
Photographs, prints, and illustrations	4.5	6.6	Photographs	1.4	1.2	1.2	1.3	.8
Commercial prints and labels	5.3	4.7	Cartographic works	1.2	1.7	.8	.9	.5
Motion picture photoplays	1.2	1.0	Commercial prints and labels	7.8	2.6	4.7	6.7	5.7
Motion pictures not photoplays	1.3	2.0	Works of applied art	6.1	13.2	14.2	12.5	11.2
Sound recordings [1]	(x)	8.9	Sound recordings	9.1	10.7	12.8	13.5	13.9
Renewals of all classes	23.3	28.2	Multimedia works	.6	1.3	2.0	2.1	2.3
			Machine readable works	.6	1.2	1.9	2.1	2.7
			Renewals	21.2	27.0	33.0	34.2	36.3

X Not applicable. Z Less than 50. [1] Registrations began in 1972. [2] Extrapolated from 11 months. Includes 50,000 registrations in-process but not completed on Sept. 30, 1978. [3] Due to a change in the copyright law, data for 1978 and later years are not comparable with previous years.

Source: The Library of Congress, *Annual Report.*

No. 966. Advertising—Estimated Expenditures: 1950 to 1982

[In millions of dollars. See also *Historical Statistics, Colonial Times to 1970*, series T 444-446]

YEAR	Total	National	Local	YEAR	Total	National	Local	YEAR	Total	National	Local
1950	5,700	3,260	2,440	1971	20,700	11,755	8,945	1977	37,440	20,595	16,845
1955	9,150	5,380	3,770	1972	23,210	12,980	10,230	1978	43,330	23,720	19,610
1960	11,960	7,305	4,655	1973	24,980	13,700	11,280	1979	48,780	26,695	22,085
1965	15,250	9,340	5,910	1974	26,620	14,700	11,920	1980	53,550	29,815	23,735
1969	19,420	11,400	8,020	1975	27,900	15,200	12,700	1981	60,430	33,890	26,540
1970	19,550	11,350	8,200	1976	33,300	18,355	14,945	1982, prel	66,580	37,785	28,795

Source: McCann-Erickson, Inc., New York, N.Y. Compiled for Crain Communications, Inc. In *Advertising Age* (copyright).

No. 967. Advertising—Indexes of National Advertising Expenditures, by Medium: 1950 to 1982

[1967 = 100. Based on the average monthly expenditure for those major media which give national coverage. See also *Historical Statistics, Colonial Times to 1970*, series T 472-484]

MEDIUM	1950	1955	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
General Index	**25**	**49**	**67**	**90**	**112**	**143**	**205**	**236**	**269**	**298**	**333**	**369**
Network television	6	38	56	85	114	158	238	273	316	353	383	457
Spot television	3	26	53	90	125	164	223	261	291	330	378	441
Magazines	38	56	73	93	104	118	174	209	236	253	284	298
Weeklies	40	61	81	94	95	94	139	178	204	218	245	255
Women's	46	57	65	95	107	130	200	238	259	277	302	321
Monthlies	28	43	64	90	120	155	222	246	280	304	347	368
Newspapers	61	84	92	93	105	131	174	182	209	232	267	290

Source: McCann-Erickson, Inc., New York, N.Y. Compiled for Crain Communications, Inc. In *Advertising Age* (copyright).

No. 968. Advertising—Estimated Expenditures, by Medium: 1965 to 1982

[In millions of dollars, except percent. See text, page 553 for a discussion of types of advertising. See also *Historical Statistics, Colonial Times to 1970*, series R 106-109, R 123-126, and T 444-471]

MEDIUM	EXPENDITURES								PERCENT				
	1965	1970	1975	1978	1979	1980	1981	1982, prel.	1965	1970	1975	1980	1982, prel.
Total	**15,250**	**19,550**	**27,900**	**43,330**	**48,780**	**53,550**	**60,430**	**66,580**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
National	9,340	11,350	15,200	23,720	26,695	29,815	33,890	37,785	61.2	58.1	54.5	55.7	56.8
Local	5,910	8,200	12,700	19,610	22,085	23,735	26,540	28,795	38.8	41.9	45.5	44.3	43.2
Newspapers	4,426	5,704	8,234	12,214	13,863	14,794	16,528	17,694	29.0	29.2	29.5	27.7	26.6
National	784	891	1,109	1,541	1,770	1,963	2,259	2,452	5.1	4.6	4.0	3.7	3.7
Local	3,642	4,813	7,125	10,673	12,093	12,831	14,269	15,242	23.9	24.6	25.5	24.0	22.9
Magazines	1,161	1,292	1,465	2,597	2,932	3,149	3,533	3,710	7.6	6.6	5.2	5.9	5.6
Weeklies	610	617	612	1,158	1,327	1,418	1,598	1,659	4.0	3.2	2.2	2.6	2.5
Women's	269	301	368	672	730	782	853	904	1.8	1.5	1.3	1.5	1.4
Monthlies	282	374	485	767	875	949	1,082	1,147	1.8	1.9	1.7	1.8	1.7
Farm publications	71	62	74	104	120	130	146	148	.5	.3	.3	.2	.2
Television	2,515	3,596	5,263	8,955	10,154	11,366	12,650	14,329	16.5	18.4	18.9	21.2	21.5
Network	1,237	1,658	2,306	3,975	4,599	5,130	5,575	6,210	8.1	8.5	8.3	9.6	9.3
Spot	892	1,234	1,623	2,607	2,873	3,269	3,730	4,360	5.9	6.3	5.8	6.1	6.6
Local	386	704	1,334	2,373	2,682	2,967	3,345	3,759	2.5	3.6	4.8	5.5	5.6
Radio	917	1,308	1,980	3,052	3,310	3,702	4,230	4,670	6.0	6.7	7.1	6.9	7.0
Network	60	56	83	147	161	183	230	255	.4	.3	.3	.3	.4
Spot	275	371	436	620	665	779	879	923	1.8	1.9	1.6	1.5	1.4
Local	582	881	1,461	2,285	2,484	2,740	3,129	3,492	3.8	4.5	5.2	5.1	5.2
Direct mail	2,324	2,766	4,124	5,987	6,653	7,596	8,944	10,319	15.2	14.1	14.8	14.2	15.5
Business papers	671	740	919	1,400	1,575	1,674	1,841	1,876	4.4	3.8	3.3	3.1	2.8
Outdoor	180	234	335	466	540	578	650	721	1.2	1.2	1.2	1.1	1.1
National	120	154	220	307	355	364	419	465	.8	.8	.8	.7	.7
Local	60	80	115	159	185	214	231	256	.4	.4	.4	.4	.4
Miscellaneous	2,985	3,848	5,506	8,555	9,633	10,561	11,908	13,113	19.6	19.7	19.7	19.7	19.7
National	1,745	2,126	2,841	4,435	4,992	5,578	6,334	7,067	11.5	10.9	10.2	10.4	10.6
Local	1,240	1,722	2,665	4,120	4,641	4,983	5,574	6,046	8.1	8.8	9.5	9.3	9.1

Source: McCann-Erickson, Inc., New York, N.Y. Compiled for Crain Communications, Inc. In *Advertising Age* (copyright). Percentages derived by U.S. Bureau of the Census.

No. 969. Television—Expenditures for Network Advertising: 1975 to 1982

[In millions of dollars. See text, page 553 for a definition of network advertising]

TYPE OF PRODUCT	1975	1980	1981 [1]	1982 [1]
Expenditures	**2,431**	**5,147**	**5,593**	**6,232**
Apparel, footwear, and accessories	55	131	155	160
Automotive	242	529	509	596
Beer and wine	70	242	267	303
Bldg. material, equipment, fixtures	24	59	65	70
Confectionery, soft drinks	85	281	283	300
Consumer services	51	178	129	157
Dept. and discount stores	56	94	111	144
Entertainment and amusement	66	235	254	280
Food and food products	403	844	897	995
Freight and industrial development	-	7	20	24
Gas, lubricants, etc.	44	71	79	55
Home electronics equipment	17	50	101	164
Horticulture	7	15	14	18
Household equip., supplies, and furnishings	134	225	243	239
Insurance	40	74	76	73
Jewelry and cameras [2]	42	119	120	151
Laundry soaps, cleansers, and polishes	204	306	314	322
Office equipment, stationery, and supplies	22	57	86	129
Pet products	67	144	142	149
Proprietary medicines	273	430	488	529
Publishing and media	8	34	37	76
Tobacco products and supplies	20	8	15	7
Toiletries and toilet goods	415	765	852	897
Toys and sporting goods	42	93	102	100
Travel, hotels, and resorts	21	53	39	73
All other	23	103	195	221

- Represents zero. [1] Retail store advertising on network television has been separated from national product categories in 1982. Data for 1981, has been restated. [2] Includes optical goods.

No. 970. Television—Estimated Time Charges for Spot Advertising: 1975 to 1982

[In millions of dollars. Data represent activity in the 75 markets monitored by Broadcast Advertisers Reports, Inc. (BAR), covering approximately 289 stations. See text, page 553 for a definition of types of advertising]

TYPE OF PRODUCT	1975	1980 [1]	1981 [1]	1982 [1]
Estimated time charges	**1,245**	**2,496**	**2,847**	**3,342**
Agriculture and farming	6	15	18	21
Apparel, footwear, and accessories	34	105	108	96
Automotive	103	228	285	361
Beer and wine	50	156	182	205
Building material, equipment, and fixtures	17	47	57	53
Confectionery, soft drinks	99	212	252	266
Consumer services	37	83	97	140
Food and food products	283	507	581	705
Freight and industrial development	2	5	12	41
Gasoline, lubricants, etc	20	50	84	90
Home electronics equipment	59	73	77	108
Horticulture	8	[2] 35	[2] 34	[2] 32
Household equipment and supplies, furnishings	76	133	144	151
Insurance	18	34	48	51
Jewelry, optical goods, and cameras	11	55	56	53
Laundry soaps, polishes	70	111	116	157
Office equipment, stationery, and supplies	5	15	20	52
Pet products	36	33	37	55
Proprietary medicines	71	93	102	107
Publishing and media	24	78	81	97
Tobacco prod., suppliers	3	8	12	11
Toiletries and toilet goods	115	223	225	222
Toys and sporting goods	57	104	109	120
Travel, hotels, and resorts	36	76	90	121
All other	5	17	20	27

[1] Beginning 1980, some advertising previously identified as local is classified as spot. Therefore, data not strictly comparable with 1975. [2] Due to a definition change, data not strictly comparable with 1975.

No. 971. Television—Expenditures for Retail/Local Advertising: 1975 to 1982

[In millions of dollars. See headnote, table 970]

TYPE OF PRODUCT	1975	1980 [1]	1981 [1]	1982 [1]
Expenditures	**841**	**1,983**	**2,269**	**2,578**
Amusements, entertainment	23	68	79	91
Appliance stores, repair	16	38	47	50
Auto repair, serv. stations	7	28	34	44
Auto supply, accessory stores	6	12	25	30
Auto, truck dealers	45	99	113	121
Banks, S&L associations	85	141	158	155
Builders, real estate	14	26	24	25
Carpet, floor covering stores	12	24	28	26
Clothing stores	19	46	50	55
Department stores	87	131	139	141
Discount dept. stores	34	74	85	78
Drug stores	10	26	34	45
Education services	9	17	20	27
Food stores, supermarkets	71	149	175	193
Furniture stores	43	111	118	113
Gas, electric, water companies	9	16	21	24
Hardware stores	5	19	21	23
Health clubs, reducing salons	7	21	29	28
Home building construction, building supplies	13	35	43	47
Hotels, resorts, U.S	8	18	24	37
Jewelry stores	7	19	23	23
Leisure time stores and services	15	42	60	75
Loan, mortgage companies	10	12	13	12
Mail order, catalog showrooms	3	13	15	18
Medical, dental services	2	13	22	28
Movies	59	102	99	90
Newspapers	6	15	18	19
Optical services, supplies	3	14	11	13
Political	7	70	20	116
Radio, TV stations	(NA)	69	99	120
Rental services (non-auto)	2	15	19	24
Restaurants, drive-ins	115	288	351	406
Shoe stores	5	27	28	28
Shopping centers, ass'ns	6	13	14	15
Sport, hobby, toy stores	8	23	35	39
All other	70	149	175	199

NA Not available. [1] Beginning 1980, some advertising previously identified as local is classified as spot; therefore, data not strictly comparable with 1975.

Source of tables 969-971: Television Bureau of Advertising, Inc., New York, N.Y., from data compiled by Broadcast Advertisers Reports, Inc., New York, N.Y.

NO. 972. NEWSPAPER ADVERTISING—EXPENDITURES FOR 64 CITIES: 1957 TO 1981

[**In millions of dollars.** Based on stratified random sample of 64 cities of different size, including suburban and central city newspapers]

TYPE OF ADVERTISING	1957	1970	1974	1975	1976	1977	1978	1979	1980	1981
Total	**1,611**	**3,120**	**3,845**	**4,117**	**5,352**	**5,696**	**6,666**	**7,641**	**8,186**	**9,575**
Automotive	63	93	109	93	127	145	151	196	182	226
Classified	313	724	967	982	1,342	1,522	1,892	2,179	2,196	2,515
Financial	42	117	135	131	148	147	203	244	297	387
General	326	426	514	547	731	752	827	982	1,122	1,380
Retail	866	1,759	2,120	2,364	3,005	3,129	3,593	4,040	4,389	5,068

Source: Compiled by Media Records, Inc. 1981 data in U.S. Bureau of Economic Analysis, *Survey of Current Business,* monthly.

NO. 973. NEWSPAPER ADVERTISING—EXPENDITURES FOR NATIONAL ADVERTISING, BY TYPE OF PRODUCT: 1975 TO 1981

[**In millions of dollars.** Data are compiled on basis of actual space measurements of bulk of national advertising carried by weekday and Sunday newspapers. Excludes production costs]

TYPE OF PRODUCT	1975	1979	1980	1981
Total	**1,142.1**	**1,950.4**	**2,184.1**	**2,556.3**
Alcoholic beverages	72.2	89.2	102.9	95.0
Liquors	64.2	75.2	86.5	80.0
Amusements	6.2	12.6	11.8	12.6
Automotive	175.7	336.9	313.1	369.4
New passenger cars	129.6	248.7	226.2	281.1
Cameras, photo supplies and services	10.0	13.2	14.9	16.5
Educational	10.0	20.8	24.5	28.5
Farm and garden	18.5	27.0	29.7	29.5
Foods	131.1	167.5	166.3	179.4
Franchise offers	3.0	5.3	5.3	5.9
Help wanted	10.3	55.2	58.7	68.6
Home heat. and equipment	2.9	8.0	13.3	14.6
Hotels and resorts	44.1	67.9	78.3	105.1
Household furniture and furnishings	7.4	9.9	13.1	13.4
Household supplies	24.8	36.6	41.8	40.1
Hsehld. equip., and appli.	30.4	46.7	53.0	67.6
Industrial	13.9	29.0	40.7	57.2
Insurance	20.2	34.0	36.4	40.7
Jewelry, watches, silverware	3.2	6.1	8.1	8.8
Mail order	41.9	54.4	60.6	73.0
Medical products, drugs	12.9	20.4	22.9	24.0
Pets and pet supplies	8.4	9.2	8.9	8.9
Political	5.2	8.3	26.7	10.0
Professional and services [1]	5.6	6.4	9.0	11.7
Public service utilities and communications	19.2	37.6	50.6	56.5
Publishing [2]	83.4	154.9	177.7	197.7
Books	21.9	32.2	32.8	36.3
Radio and TV	48.4	102.9	122.4	132.7
Real estate	8.8	11.0	16.5	21.0
Sporting equipment [3]	6.9	6.9	7.6	13.5
Tobacco	148.1	293.7	313.8	391.3
Toiletries, toilet goods	16.1	27.9	30.9	32.5
Transportation	154.7	235.5	296.8	369.2
Airlines	97.8	147.6	186.8	226.1
Wearing apparel	20.2	31.2	31.4	40.3
All other	26.9	87.4	118.9	154.0

[1] Includes associations (American Medical, etc.), art galleries, ad agencies own advertising, research firms, etc. [2] Includes other media not shown separately. [3] Includes leisure time equipment.

Source: Media Records, Inc., New York, N.Y., *Marketing and Media Decisions,* June 1982.

NO. 974. MAGAZINE ADVERTISING—EXPENDITURES, BY PRODUCT: 1970 TO 1982

[**In millions of dollars, except percent.** Space cost based on one-time rate; special rates used where applicable. Year-to-year data not strictly comparable, as a few minor publications are added or deleted]

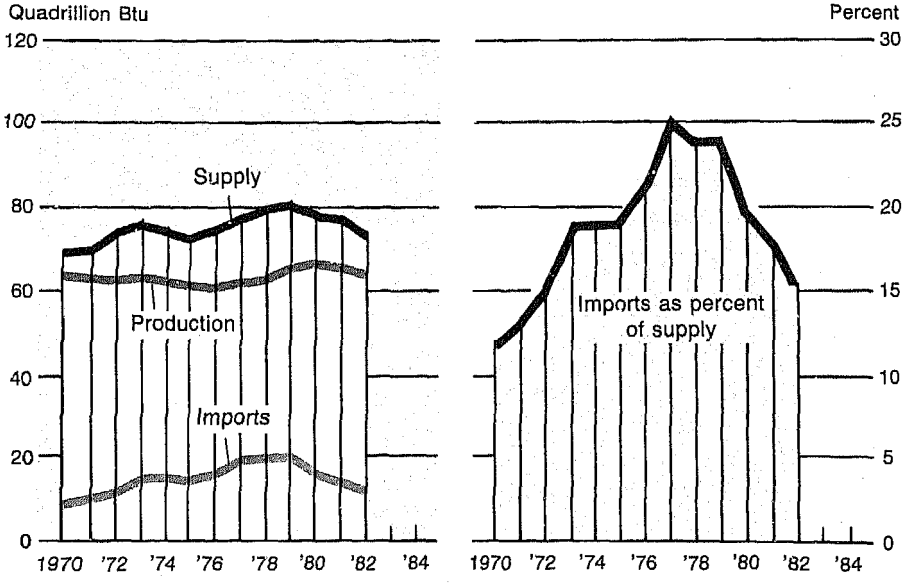
TYPE OF PRODUCT	1970	1975	1979	1980	1981	1982	PERCENT DISTRIBUTION		
							1970	1975	1982
Expenditures	**1,181**	**1,336**	**2,671**	**2,846**	**3,223**	**3,421**	**100.0**	**100.0**	**100.0**
Apparel, footwear, and accessories [1]	51	47	92	112	141	154	4.3	3.5	4.5
Automotive, incl. accessories and equipment [1]	95	102	224	229	290	333	8.0	7.6	9.7
Beer, wine, and liquor	98	101	236	239	251	258	8.3	7.6	7.5
Consumer services [1] [2]	74	102	172	190	206	232	6.3	7.8	6.8
Drugs and remedies	38	34	71	78	88	89	3.2	2.5	2.6
Food and food products	86	87	186	199	213	240	7.3	6.5	7.0
Household equipment and supplies [1]	33	25	67	65	82	66	2.8	1.9	1.9
Household furnishings [1]	38	31	64	73	83	81	3.2	2.3	2.4
Industrial materials [1]	44	34	70	71	67	51	3.7	2.6	1.5
Insurance	26	22	53	56	56	56	2.2	1.7	1.6
Radios, TV's, phonos, musical instruments [3]	38	35	80	84	108	96	3.2	2.6	2.8
Smoking materials	65	144	281	290	314	358	5.5	10.8	10.5
Toiletries and toilet goods [1]	119	106	198	206	230	241	10.1	7.9	7.0
Travel, hotels, and resorts	50	65	110	123	137	153	4.2	4.9	4.5
All other (incl. retail and/or direct-mail) [1]	326	402	767	831	957	1,013	27.6	30.1	29.7

[1] Due to classification changes, 1970, data not comparable with later years. [2] Includes business services. [3] Includes accessories.

Source: Magazine Publishers Association, Inc., New York, N.Y., from data compiled by Publishers Information Bureau, Inc.

Figure 20.1

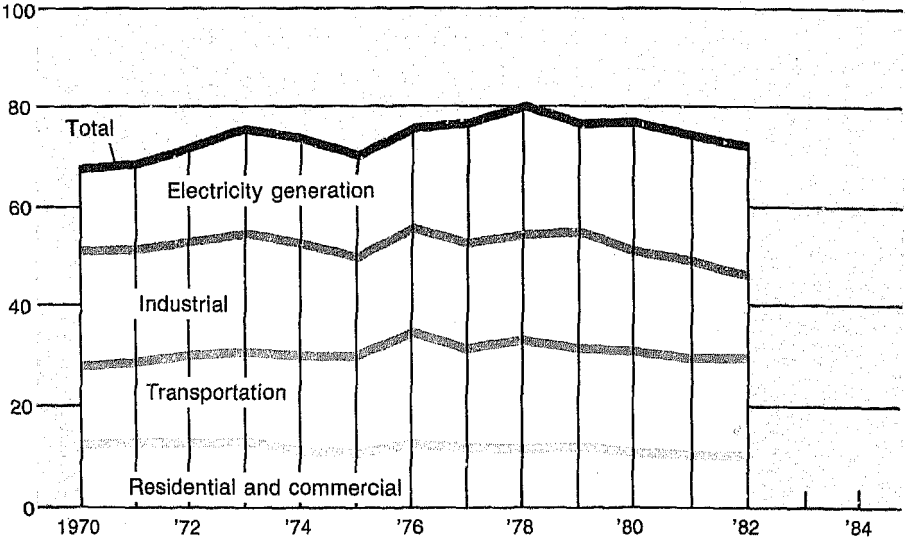
Energy Production, Consumption, and Imports: 1970 to 1982



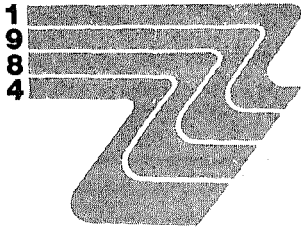
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 977.

Figure 20.2

Primary Energy Resources—Consumption by Major Consumer Group: 1970 to 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 980.



Section 20

Energy

This section presents statistics on fuel resources, energy production and consumption, electric energy, hydropower, nuclear power, and the electric and gas utility industries. The principal sources are the U.S. Department of Energy's Energy Information Administration (EIA), the Edison Electric Institute, Washington, D.C., and the American Gas Association, Arlington, Va. The Department of Energy was created in October 1977 and assumed and centralized the responsibilities of all or part of several agencies including the Federal Power Commission (FPC), the U.S. Bureau of Mines, the Federal Energy Administration, and the U.S. Energy Research and Development Administration. For additional data on transportation, see Section 22; on fuels, see Section 27; and on energy-related housing characteristics, see Section 28.

The EIA, in its *Annual Energy Review,* provides statistics and trend data on energy supply, demand, and prices. Information is included on petroleum and natural gas, coal, electricity, hydropower, nuclear power, and solar and geothermal energy. Among its annual reports are *Statistics of Privately Owned Electric Utilities in the United States; Statistics of Publicly Owned Electric Utilities in the United States; Electric Power Annual; Thermal Electric Plant Construction Cost and Annual Production Expenses; Hydroelectric Plant Construction Cost and Production Expenses; State Energy Data Report; Statistics for Interstate Natural Gas Pipeline Companies; Petroleum Supply Annual, Natural Gas Annual, and Coal Production.* These various publications contain national and State data on production of electricity, capacity of generating plants, fuels used in energy production, energy sales and consumption, hydroelectric power, construction costs and production expenses of power plants, and depreciation practices. The EIA also issues the *Monthly Energy Review,* which presents current supply, disposition, and price data, and separate weekly and monthly publications on petroleum, coal, natural gas, and electric power. Data on residential energy consumption, expenditures, and conservation activities are available from EIA's Residential Energy Consumption Survey and are published in *Residential Energy Consumption Survey: Consumption and Expenditures,* and *Residential Energy Consumption Survey: Conservation,* and several other reports. A new EIA publication, *Energy Price and Expenditure Data Report (State and U.S. Total)* provides total consumer expenditures and price comparisons in dollars per unit of energy.

The Edison Electric Institute's monthly bulletin and annual *Statistical Year Book of the Electric Utility Industry for the Year* contain data on the distribution of electric energy by public utilities; information on the electric power supply, expansion of electric generating facilities, and the manufacture of heavy electric power equipment is presented in the annual *Year End Summary of the Electric Power Situation in the United States.* The American Gas Association, in its monthly and quarterly bulletins and its yearbook, *Gas Facts,* presents data on gas utilities, including sales, revenues, customers, prices, and other financial and operating statistics. A wide range of petroleum statistics are provided in the American Petroleum Institute publication *Basic Petroleum Data Book.*

Btu conversion factors.—Various energy sources are converted from original units (e.g., short tons, cubic feet, barrels, kilowatt-hours) to the thermal equivalent using British thermal units (Btu). A Btu is the amount of energy required to raise the temperature of 1 pound of water 1 degree Fahrenheit at or near 39.2 degrees F. Factors are calculated annually from the latest final annual data available; some are revised as a result. The following list provides conversion factors used in 1981 and 1982 for production and consumption, in that order, for various fuels: Petroleum, 5.800 and 5.448 mil. Btu per barrel; bituminous coal and lignite, 22.38 and 21.80 mil. Btu per short ton; and anthracite coal 23.69 and 22.10 mil. Btu per short ton; natural gas, 1,015 and 1,027 Btu per cubic foot. The factors for the production of hydropower, nuclear power, and geothermal power were 10,388, 10,908, and 21,594 Btu per kilowatt-hour, respectively.

Historical statistics.—*Tabular headnotes provide cross-references, where applicable, to Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 975. Total Horsepower of All Prime Movers: 1950 to 1981

[**In millions, except percent.** As of **January,** except as noted. Prior to 1960, excludes Alaska and Hawaii, except as noted. Prime movers are mechanical engines and turbines, and work animals, which originally convert fuels or force (as wind or falling water) into work and power. Electric motors, which obtain their power *from prime movers*, are excluded to avoid duplication. See also *Historical Statistics, Colonial Times to 1970*, series S 1-14]

YEAR	Total horsepower	AUTOMOTIVE [1] [2]		NONAUTOMOTIVE							
		Total	Percent of total	Total	Factories [3]	Mines [3]	Railroads [4]	Merchant ships and sailing vessels	Farms	Electric central stations [2]	Aircraft [4] [5]
1950	4,868	4,404	90.5	464	33	22	111	[6] 23	165	88	[6] 22
1955	*7,158*	*6,632*	*92.7*	*526*	*36*	*31*	*60*	[6] *24*	*212*	*138*	[6] *26*
1960	11,008	10,367	94.2	641	42	35	47	24	240	217	37
1965	15,096	14,306	94.8	790	48	40	44	24	272	307	55
1970	20,408	19,325	94.7	1,083	54	45	54	22	290	435	183
1972	22,913	21,736	94.9	1,175	57	46	57	21	305	508	181
1973	24,262	23,029	94.9	1,233	58	46	57	20	308	562	182
1974	24,516	23,224	94.7	1,292	59	46	61	21	315	605	185
1975	25,100	23,752	94.6	1,348	60	47	62	22	318	654	185
1976	25,732	24,339	94.6	1,393	61	47	64	22	324	692	184
1977	*26,469*	*25,025*	*94.5*	*1,444*	*62*	*47*	*62*	*23*	*328*	*728*	*194*
1978	27,379	25,892	94.6	1,487	63	48	64	25	[7] 335	754	198
1979	28,162	26,617	94.5	1,545	63	48	62	26	342	803	201
1980	28,922	27,362	94.6	1,564	64	48	63	28	345	806	210
1981	29,507	27,909	94.6	1,598	64	48	65	29	345	835	212

[1] Includes passenger cars, trucks, buses, and motorcycles. [2] As of July 1. [3] Beginning 1965, data are estimates. [4] Beginning 1965, not strictly comparable with earlier years. [5] Includes private planes and commercial airlines. [6] Includes Alaska and Hawaii. [7] Includes estimates of about 3.0 million hp. in work animals and 30,000 in windmills.

Source: 1950 and 1955, The Twentieth Century Fund, New York, N.Y., J.F. Dewhurst and Associates, *America's Needs and Resources, A New Survey,* and John A. Waring, *Transactions of Canadian Sectional Meeting, World Power Conference, 1956.* Beginning 1960, John A. Waring, Murfreesboro, N.C., unpublished estimates.

No. 976. Mineral Fuel Resources and Electricity—Production and Consumption, by Major Source: 1950 to 1982

[A British thermal unit (Btu) is the quantity of heat required to raise the temperature of 1 pound of water 1°F at or near its point of maximum density. Prior to 1960, excludes Alaska and Hawaii, except data for bituminous coal include Alaska for all years. For Btu conversion factors, see text, p. 571. See also *Historical Statistics, Colonial Times to 1970,* series M 76-92]

YEAR	Total production (quad. Btu)	PERCENT OF PRODUCTION				Total consumption (quad. Btu)	PERCENT OF CONSUMPTION				Consumption/production ratio
		Coal	Petroleum [1]	Natural gas [2]	Electricity [3]		Coal	Petroleum [1]	Natural gas [2]	Electricity [3]	
1950	34.5	42.7	33.4	20.0	3.9	33.6	38.1	39.8	18.1	4.0	.97
1955	39.1	32.6	37.0	27.0	3.4	39.2	29.1	44.2	23.3	3.5	1.00
1960	41.8	26.7	35.7	33.8	3.8	44.1	22.8	45.1	28.5	3.6	1.06
1961	42.3	25.4	36.0	34.7	3.9	44.7	21.9	45.2	29.2	3.7	1.06
1962	*43.9*	*25.5*	*35.4*	*35.0*	*4.1*	*46.8*	*21.5*	*44.9*	*29.8*	*3.8*	*1.07*
1963	46.2	26.4	34.6	35.2	3.8	48.6	21.7	44.5	30.1	3.6	1.05
1964	48.0	26.8	33.6	35.7	3.9	50.8	22.0	43.7	30.6	3.7	1.06
1965	49.7	27.0	33.3	35.6	4.2	53.0	22.3	43.6	30.2	3.9	1.07
1966	*52.5*	*26.4*	*33.5*	*36.2*	*4.0*	*56.0*	*22.3*	*45.2*	*30.4*	*2.1*	*1.07*
1967	55.4	25.7	33.7	36.3	4.3	57.9	21.0	43.5	31.3	4.1	1.05
1968	57.1	24.4	33.7	37.6	4.3	61.3	20.5	43.8	31.7	4.0	1.07
1969	59.4	24.0	32.9	38.5	4.7	64.5	19.6	43.8	32.4	4.3	1.09
1970	62.5	24.3	32.6	38.6	4.5	66.8	18.9	44.0	32.8	4.3	1.07
1971	61.7	22.0	32.5	40.2	5.3	68.3	17.6	44.7	32.9	4.7	1.11
1972	62.8	23.1	31.9	39.5	5.5	71.6	17.3	46.0	31.7	4.9	1.14
1973	62.4	23.0	31.2	39.7	6.1	74.6	17.8	46.7	30.2	5.2	1.20
1974	61.2	23.7	30.4	38.7	7.2	72.8	17.7	45.0	29.9	7.4	1.19
1975	60.1	25.6	29.5	36.6	8.4	70.7	18.2	46.4	28.3	7.2	1.18
1976	60.1	26.5	28.7	36.3	8.5	74.5	18.4	47.2	27.3	7.1	1.24
1977	60.3	26.3	28.9	36.3	8.5	76.3	18.3	48.7	26.1	6.9	1.27
1978	61.2	24.6	30.1	35.5	9.8	78.2	17.7	48.6	25.6	8.1	1.28
1979	63.9	27.6	28.4	35.0	9.0	78.9	19.1	47.0	26.2	7.6	1.24
1980	64.8	28.8	28.2	34.2	8.9	76.0	20.3	45.0	26.8	7.8	1.17
1981	64.4	28.6	28.2	34.1	9.1	74.0	21.6	43.2	26.9	8.3	1.15
1982, prel.	63.6	29.0	28.9	32.0	10.1	70.9	21.7	42.8	26.0	9.5	1.12

[1] *Production includes crude oil and lease condensate. Consumption* includes domestically produced crude oil, natural gas liquids, and lease condensate, plus imported crude oil and products. [2] Production includes natural gas liquids; consumption excludes natural gas liquids. [3] Comprised of hydropower, nuclear power, geothermal energy and other.

Source: U.S. Energy Information Administration, *Annual Energy Review.*

No. 977. Energy Supply and Disposition, by Type of Fuel: 1960 to 1982

[In quadrillion British thermal units (Btu), except percent. For Btu conversion factors, see text, p. 571]

TYPE OF FUEL	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Total supply [1]	**45.6**	**54.9**	**69.5**	**76.7**	**75.0**	**73.1**	**76.7**	**78.4**	**80.1**	**81.8**	**79.7**	**78.3**	**75.6**
Production	41.8	49.7	62.5	62.4	61.2	60.1	60.1	60.3	61.2	63.9	64.8	64.4	63.6
Crude oil [2]	14.9	16.5	20.4	19.5	18.6	17.7	17.3	17.5	18.4	18.1	18.3	18.2	18.4
Natural gas liquids	1.5	1.9	2.5	2.6	2.5	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.2
Natural gas [3]	12.7	15.8	21.7	22.2	21.2	19.6	19.5	19.6	19.5	20.1	19.9	19.7	16.1
Coal	11.1	13.4	15.1	14.4	14.5	15.2	15.9	15.8	15.0	17.7	18.6	18.4	18.4
Nuclear power	(z)	(z)	.2	.9	1.3	1.9	2.1	2.7	3.0	2.7	2.7	3.0	3.1
Hydropower	1.6	2.1	2.6	2.9	3.2	3.2	3.0	2.3	2.9	2.9	2.9	2.7	3.3
Geothermal and other	(z)	(z)	(z)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Imports [4]	4.2	5.9	8.4	14.7	14.4	14.1	16.8	20.1	19.3	19.6	16.0	13.9	12.0
Percent of supply	9.3	10.8	12.1	19.2	19.2	19.3	21.9	25.6	24.0	24.0	20.0	17.8	15.8
Crude oil	2.2	2.7	2.8	6.9	7.4	8.7	11.2	14.0	13.5	13.8	11.2	9.3	7.4
Refined petroleum products [5]	1.8	2.8	4.7	6.6	5.7	4.2	4.4	4.7	4.4	4.1	3.5	3.3	3.3
Natural gas	.2	.5	.9	1.1	1.0	1.0	1.0	1.0	1.0	1.3	1.0	.9	1.0
Total disposition	**45.6**	**54.9**	**69.5**	**76.7**	**75.0**	**73.1**	**76.7**	**78.4**	**80.1**	**81.8**	**79.7**	**78.3**	**75.6**
Consumption	44.1	53.0	66.8	74.6	72.8	70.7	74.5	76.3	78.2	78.9	76.0	74.0	70.9
Refined petroleum products	19.9	23.3	29.5	34.8	33.5	32.7	35.2	37.1	38.0	37.1	34.2	31.9	30.3
Natural gas [3]	12.4	15.8	21.8	22.5	21.7	20.0	20.4	19.9	20.0	20.7	20.4	19.9	18.4
Coal	10.1	11.9	12.7	13.3	12.9	12.8	13.7	14.0	13.9	15.1	15.5	16.0	15.4
Nuclear power	(z)	(z)	.2	.9	1.3	1.9	2.1	2.7	3.0	2.7	2.7	3.0	3.1
Hydropower [6]	1.7	2.1	2.7	3.0	3.3	3.2	3.1	2.5	3.1	3.1	3.1	3.1	3.6
Geothermal and other	(z)	(z)	(z)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Exports	1.5	1.9	2.7	2.1	2.2	2.4	2.2	2.1	2.0	2.9	3.7	4.3	4.6
Coal	1.0	1.4	1.9	1.5	1.6	1.8	1.6	1.5	1.1	1.8	2.4	2.9	2.8

Z Less than 50 trillion. [1] Includes adjustments for stock changes, losses, gains, and miscellaneous changes, not shown separately. [2] Includes lease condensate. [3] Dry marketed gas. [4] Includes other types, not shown separately. [5] Includes imports of unfinished oils and natural gas liquids. [6] Includes industrial generation and net electricity imports.

Source: U.S. Energy Information Administration, *Annual Energy Review.*

No. 978. Selected Energy Indicators—Summary: 1950 to 1982

[Btu=British thermal unit. For Btu conversion factors, see text, p. 571]

YEAR	ANNUAL AVERAGE PERCENT CHANGE [1]									PER CAPITA [6] (mil. Btu)		Consumption per dollar GNP [5] (1,000 Btu)
	Energy production				Energy consumption				GNP [5]	Energy production	Energy consumption	
	Total [2]	Crude oil [3]	Natural gas [4]	Coal	Total [2]	Refined petroleum products	Natural gas (dry)	Coal				
1950	12.4	7.2	15.8	16.7	8.2	12.1	15.9	2.3	10.9	227	223	63.4
1955	2.5	4.7	8.4	−2.7	3.1	5.3	8.6	−2.3	6.9	237	240	60.4
1960	1.3	.7	6.3	−2.7	2.4	2.9	6.6	−2.7	4.8	232	245	59.8
1965	3.5	2.0	4.5	3.8	3.8	3.1	4.9	3.3	4.7	257	274	57.1
1970	4.7	4.3	6.5	2.4	4.8	4.9	6.7	1.3	3.2	306	328	61.5
1971	−1.3	−1.8	2.8	−9.7	2.2	3.5	3.1	−5.1	3.4	298	330	60.9
1972	1.8	(z)	−.3	6.6	4.9	7.8	1.0	3.7	5.7	300	342	60.4
1973	−.6	−2.7	−.1	−.8	4.2	5.7	−.8	6.8	5.8	295	353	59.5
1974	−1.9	−4.7	−4.4	.7	−2.5	−4.0	−3.5	−3.2	−.6	287	341	56.4
1975	−1.9	−4.5	−7.4	5.0	−2.8	−2.2	−8.2	−.5	−1.2	279	328	57.4
1976	.1	−2.7	−.8	4.3	5.4	7.5	2.0	7.1	5.4	276	342	57.4
1977	.3	1.1	.5	−.1	2.4	5.5	−2.1	1.7	5.5	274	347	55.7
1978	1.6	5.6	−.4	−5.0	2.4	2.3	.4	−.8	5.0	276	352	54.3
1979	4.3	−1.8	3.0	17.4	.9	−2.2	3.4	9.1	2.8	284	351	53.3
1980	1.5	.8	.9	5.6	−3.7	−7.9	−1.3	2.3	−.3	285	335	51.5
1981	−.6	−.6	−2.1	−1.1	−2.6	−6.6	−2.3	3.3	2.6	281	323	48.9
1982, prel.	−1.4	1.2	−7.6	(z)	−4.1	−5.0	−7.5	−3.4	−1.9	275	306	47.7

Z Less than .05 percent. [1] Represents annual average for period of intervals shown; for 1950, change from 1949. Percent change derived from Btu values. Minus sign indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Includes types of fuel or power not shown separately. [3] Includes lease condensate. [4] Includes natural gas plant liquids. [5] Gross national product in constant (1972) dollars, see table 735. [6] Based on resident population estimated as of July 1.

Source: U.S. Energy Information Administration, *Annual Energy Review.*

No. 979. Energy Consumption—End-Use Sector and Selected Source, by State: 1981

[In trillions of Btu., except as indicated. For Btu conversion factors, see text, p. 571]

Region, division, and state	Total [1]	Per capita (mil. Btu)	End-use sector				Source				
			Residential	Commercial	Industrial	Transportation	Petroleum	Natural gas (dry)	Coal	Hydropower	Nuclear power
U.S.	74,014	323	14,598	10,641	[2] 29,292	19,482	31,932	19,922	16,010	3,066	2,974
Regions:											
Northeast	12,035	244	3,013	2,180	3,745	3,093	6,389	2,300	1,904	496	754
North Central	19,286	327	4,323	2,770	7,806	4,387	6,948	5,108	6,158	239	862
South	29,501	384	4,821	3,556	13,543	7,580	12,455	9,314	6,236	284	1,222
West	13,206	299	2,439	2,136	4,213	4,419	6,141	3,202	1,713	2,046	135
N. Eng	2,668	214	771	504	627	763	1,851	314	57	94	281
Maine	305	270	69	35	118	83	217	2	4	61	57
N.H	186	199	57	25	48	56	129	10	24	14	-
Vt	112	217	35	15	27	34	64	4	1	12	39
Mass	1,204	209	347	263	236	358	880	189	27	4	47
R.I	179	187	51	32	44	51	102	30	(Z)	(Z)	-
Conn	682	217	212	134	154	181	459	79	1	3	138
Mid. Atl	9,367	254	2,242	1,676	3,118	2,330	4,538	1,986	1,847	402	473
N.Y	3,595	204	926	856	871	942	1,961	781	302	397	190
N.J	2,062	278	474	363	610	614	1,241	401	75	[3] −2	127
Pa	3,710	312	842	457	1,637	774	1,336	804	1,470	7	156
E. No. Cent	13,818	332	3,091	1,960	5,852	2,915	4,723	3,644	4,578	86	662
Ohio	3,997	370	821	501	1,911	764	1,344	892	1,568	(Z)	46
Ind	2,352	429	425	214	1,266	447	715	509	1,139	5	-
Ill	3,588	314	840	652	1,313	783	1,354	1,089	801	1	322
Mich	2,589	281	678	396	914	600	841	821	737	58	186
Wis	1,292	273	327	197	448	321	469	333	333	22	106
W. No. Cent	5,468	316	1,232	810	1,954	1,472	2,225	1,464	1,560	153	200
Minn	1,195	291	279	153	444	318	492	273	256	11	111
Iowa	974	334	221	138	391	225	377	260	254	10	24
Mo	1,373	278	348	225	401	399	558	291	538	7	-
N. Dak	262	397	50	31	109	72	145	35	181	58	-
S. Dak	193	280	47	26	61	60	107	23	38	55	-
Nebr	506	321	117	97	160	131	199	142	100	12	65
Kans	965	405	170	140	388	267	347	440	213	(Z)	-
So. Atl	10,428	277	2,269	1,563	3,372	3,223	4,995	1,524	3,108	99	814
Del	192	322	33	37	71	51	137	31	50	-	-
Md	1,131	266	261	155	391	324	520	180	201	15	126
D.C	150	237	29	49	44	28	42	30	3	-	-
Va	1,476	272	333	260	396	486	678	156	265	4	194
W. Va	765	393	135	78	408	143	207	152	881	11	-
N.C	1,618	272	375	224	570	448	666	156	657	30	68
S.C	985	311	186	124	427	246	345	146	271	13	189
Ga	1,633	293	341	218	533	542	694	325	544	24	79
Fla	2,478	244	574	418	532	955	1,706	348	236	2	158
E. So. Cent	5,212	353	980	637	2,263	1,332	1,798	961	1,941	151	309
Ky	1,304	356	248	153	579	324	450	204	675	27	-
Tenn	1,635	354	339	234	654	409	504	229	562	61	51
Ala	1,475	376	246	143	744	342	473	278	621	63	258
Miss	798	315	147	107	286	257	371	250	83	-	-
W. So. Cent	13,861	566	1,572	1,356	7,908	3,025	5,662	6,829	1,187	34	99
Ark	803	350	148	88	358	209	316	272	102	13	99
La	3,501	815	290	312	2,237	662	1,458	1,830	26	-	-
Okla	1,250	405	233	169	526	330	456	690	155	12	-
Tex	8,299	564	901	787	4,787	1,824	3,432	4,037	904	9	-
Mt	3,955	338	692	574	1,495	1,196	1,611	958	1,504	337	8
Mont	334	421	55	43	154	84	150	54	64	118	-
Idaho	362	378	70	65	150	76	110	46	15	99	-
Wyo	385	786	32	25	240	88	182	71	335	9	-
Colo	843	283	184	163	247	249	322	217	283	15	8
N. Mex	481	361	56	67	166	192	232	202	197	1	-
Ariz	791	283	139	136	248	269	303	188	326	71	-
Utah	471	311	100	40	208	123	175	105	172	6	-
Nev	288	340	56	35	82	115	137	75	112	18	-
Pac	9,251	285	1,747	1,562	2,718	3,223	4,530	2,244	209	1,709	127
Wash	1,654	392	379	247	621	406	580	128	93	1,059	22
Oreg	873	328	187	134	303	249	354	77	28	334	70
Calif	6,212	257	1,125	1,130	1,614	2,343	3,225	1,911	82	309	35
Alaska	275	661	33	32	109	101	138	125	6	6	-
Hawaii	237	242	23	19	71	124	233	3	-	1	-

- Represents zero. Z Less than 500 billion. [1] For source, includes geothermal, wood and waste, and net interstate sales of electricity, including losses, not shown separately. [2] For industrial sector, includes 17 trillion Btu of net imports of coke not allocated by State. [3] Minus sign (−) indicates when amount of energy expended for pump storage hydropower exceeds amount of energy consumed.

Source: U.S. Energy Information Administration, *State Energy Data Report*, annual.

No. 980. Primary Energy Consumption by Consuming Sector: 1960 to 1982

[For definition of Btu, see text, p. 571]

SECTOR	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Total consumption (quad. Btu)	44.1	53.0	66.8	72.8	70.7	74.5	76.3	78.2	78.9	76.0	74.0	70.9
Residential and commercial	8.8	10.1	12.2	11.8	11.6	12.3	11.9	11.9	11.6	10.7	10.1	10.2
Industrial and miscellaneous	16.5	19.5	22.3	22.9	20.6	21.6	22.0	22.0	22.9	21.1	19.8	17.5
Transportation	10.6	12.4	16.0	18.1	18.2	19.0	19.8	20.5	20.4	19.7	19.5	19.0
Electricity generation	8.2	11.0	16.3	20.0	20.4	21.6	22.7	23.7	24.1	24.5	24.7	24.2
Percent of total:												
Residential and commercial	20.0	19.0	18.2	16.2	16.4	16.5	15.6	15.3	14.6	14.1	13.6	14.3
Industrial and miscellaneous	37.4	36.8	33.4	31.4	29.1	29.0	28.8	28.1	29.0	27.8	26.8	24.7
Transportation	24.0	23.4	24.0	24.8	25.7	25.5	25.9	26.3	25.9	25.9	26.3	26.8
Electricity generation	18.6	20.8	24.4	27.5	28.8	28.9	29.7	30.3	30.5	32.2	33.4	34.1

Source: U.S. Energy Information Administration, *Annual Energy Review.*

No. 981. Energy Consumption, by Sector and Primary Source: 1982

[In trillions of Btu. For definition of Btu, see text, p. 571]

SECTOR	Total [1]	Coal [2]	Natural gas, dry	Petroleum [3]	Hydroelectric [4]	Nuclear power	Other [5]	Electricity distributed [6]	Electric energy loss [7]
Final consuming sectors	70,768	2,830	15,014	28,764	33	–	23	7,118	17,033
Residential and commercial	25,678	203	7,498	2,489	–	–	–	4,565	10,922
Industrial	26,025	2,627	6,909	7,854	33	–	–23	2,542	6,084
Transportation	19,065	–	607	18,421	–	–	–	11	27
Electric utilities	24,151	12,517	3,335	1,568	3,538	3,084	108	(x)	(x)

– Represents zero. X Not applicable. [1] Total may not equal sum of components due to independent rounding of the components. [2] Represents anthracite, bituminous, lignite, and net coke imports. [3] Includes petroleum products, still gas, liquefied refinery gas, and natural gas liquids. [4] Includes net imports of electricity. [5] Includes geothermal power, electricity produced from wood and waste, and net imports of coal coke. [6] Electrical energy used by railroads, and for street and highway lighting, is included in transportation sector. [7] Losses allocated by final end-use sector in proportion to their direct kilowatt-hour usage.

Source: U.S. Energy Information Administration, *Monthly Energy Review,* May 1983.

No. 982. Energy Expenditures and Average Fuel Prices, by Source and End-Use Sector: 1970 to 1980

[Based on Energy Price and Expenditures Data System. Btu = British thermal units; see text, p. 571. End-use sector and electric utilities exclude expenditures and prices on energy sources such as hydropower, solar, wind, and geothermal]

SOURCE AND END-USE SECTOR	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
EXPENDITURES (mil.dol.)											
Total [1] [2]	84,485	91,771	99,974	114,540	158,246	177,757	200,362	227,840	247,140	307,980	390,520
Coal	2,352	2,309	2,547	2,826	5,129	5,983	5,845	5,600	6,037	6,313	5,947
Natural gas	10,458	11,589	12,690	13,536	15,928	19,367	24,367	28,315	30,727	38,358	47,380
Petroleum products	48,218	51,482	54,793	63,909	94,089	101,222	112,613	126,971	135,083	180,157	236,060
Motor gasoline	31,595	33,486	35,342	39,675	54,127	59,445	64,459	70,047	74,403	95,167	123,310
Distillate fuel oil	6,055	6,640	7,149	8,937	14,205	14,902	17,642	20,948	22,535	31,371	40,578
Jet fuel	1,539	1,689	1,709	2,066	3,345	4,422	4,794	5,759	6,517	9,082	14,762
Residual fuel	1,376	1,758	1,989	2,555	5,392	5,084	6,080	7,097	6,983	9,176	12,087
Electricity sales	23,530	26,430	29,971	34,276	42,953	51,132	57,538	66,907	74,892	82,911	99,266
Residential sector [2]	19,850	21,813	23,961	26,873	32,384	36,716	41,581	47,430	51,628	58,829	70,434
Natural gas	5,294	5,734	6,239	6,259	6,977	8,407	9,996	11,351	12,476	14,708	17,507
Petroleum	4,156	4,334	4,563	5,770	7,242	7,456	8,758	9,722	9,847	12,237	14,316
Electricity sales	10,341	11,590	13,030	14,704	17,912	20,625	22,616	26,133	29,066	31,685	38,435
Commercial sector [2]	10,709	12,049	13,476	15,395	19,486	22,920	26,424	30,595	33,591	38,892	47,393
Electricity sales	7,328	8,321	9,458	10,950	13,384	16,152	18,135	21,012	23,168	25,415	30,619
Industrial sector [2]	18,124	19,692	22,009	26,017	41,599	46,696	54,249	63,318	69,008	86,587	108,356
Natural gas	3,166	3,625	3,976	4,649	6,001	7,342	9,694	11,458	11,954	15,243	19,847
Petroleum	7,019	7,576	8,290	10,200	19,160	19,466	22,396	26,935	28,482	39,470	52,936
Electricity sales	5,824	6,476	7,436	8,568	11,567	14,243	16,672	19,658	22,555	25,681	30,062
Transportation sector [2]	35,802	38,216	40,529	46,255	64,777	71,425	78,108	86,497	92,913	123,672	164,338
Motor gasoline	30,524	32,443	34,361	38,605	52,755	57,992	62,975	68,529	72,904	93,285	120,744
Electric utilities [2]	4,326	5,492	6,540	8,395	17,460	17,741	19,072	24,297	26,274	31,299	37,270
Coal	2,240	2,639	2,975	3,675	8,766	8,304	8,401	10,286	12,285	13,709	16,082
Natural gas	1,148	1,283	1,354	1,299	1,735	2,436	3,256	4,199	4,672	6,281	8,342
Petroleum	891	1,491	2,104	3,022	6,686	6,531	6,874	9,065	8,334	10,378	11,639
AVERAGE FUEL PRICES (dol. per mil. Btu)											
Residential sector	2.09	2.23	2.37	2.73	3.41	3.83	4.16	4.81	5.19	6.01	7.54
Commercial sector	1.96	2.15	2.33	2.61	3.41	4.09	4.40	5.15	5.51	6.28	7.90
Industrial sector	.75	.82	.88	.99	1.65	2.04	2.24	2.57	2.78	3.41	4.59
Transportation sector	2.23	2.29	2.30	2.50	3.60	3.93	4.10	4.39	4.51	6.06	8.36
Electric utilities	.32	.38	.42	.49	1.04	1.03	1.03	1.20	1.29	1.49	1.75

[1] Includes electricity sales; excludes electricity generation. [2] Includes sources or fuel types not shown separately.

Source: U.S. Energy Information Administration, *Energy Price and Expenditure Data Report,* 1970–1980

No. 983. Energy Expenditures—Source and End-Use Sector, by State: 1980

[In millions of dollars, except per capita. Based on Energy Price and Expenditure Data System. End-use sector and electric utilities exclude expenditures on energy sources such as hydropower, solar, wind, and geothermal]

Division and State	Total	Per capita [1] (dol.)	Source					End-use sector				Electric utilities
			Petroleum products		Natural gas	Coal	Electricity sales	Residential	Commercial	Industrial	Transportation	
			Total	Gasoline								
U.S	[2] 390,520	1,719	238,060	123,310	47,380	5,947	99,266	70,434	47,393	[2] 108,356	164,338	37,270
N. Eng:												
Maine	1,807	1,605	1,327	604	12	7	462	503	214	326	765	126
N.H	1,322	1,432	889	490	38	1	395	387	162	219	554	146
Vt	735	1,436	527	287	23	(z)	184	228	90	92	325	23
Mass	8,206	1,429	4,939	2,619	893	9	2,366	2,386	1,670	932	3,218	1,155
R.I	1,267	1,335	758	438	138	(z)	371	372	202	193	500	40
Conn	4,742	1,523	2,968	1,579	369	(z)	1,404	1,372	746	850	1,773	654
Mid. Atl:												
N.Y	23,834	1,356	13,408	6,779	2,748	317	7,361	5,913	5,561	3,435	8,925	2,350
N.J	13,586	1,842	8,709	3,797	1,207	3	3,667	3,116	2,361	3,209	4,900	866
Pa	19,470	1,639	10,401	5,507	2,612	1,189	5,268	4,385	2,012	6,018	7,054	1,863
E. No. Cent:												
Ohio	18,213	1,686	9,524	5,623	2,972	741	4,976	3,754	2,046	5,512	6,901	1,614
Ind	10,736	1,956	5,991	3,122	1,425	814	2,507	1,860	854	4,035	3,987	954
Ill	19,757	1,728	10,753	5,622	3,630	236	5,138	3,986	2,842	5,656	7,273	2,021
Mich	14,265	1,541	7,544	5,145	2,634	406	3,681	3,104	1,804	3,428	5,929	1,180
Wis	6,866	1,452	3,932	2,457	1,175	105	1,654	1,639	872	1,443	2,913	484
W. No. Cent:												
Minn	6,141	1,504	3,923	2,319	804	37	1,377	1,253	534	1,473	2,881	318
Iowa	4,937	1,695	2,993	1,820	738	54	1,152	1,065	514	1,261	2,097	279
Mo	7,593	1,542	4,615	2,888	920	60	1,998	1,724	953	1,343	3,573	623
N. Dak	1,298	1,985	1,006	466	80	18	195	226	121	323	629	99
S. Dak	1,122	1,626	848	491	69	4	200	232	96	231	563	33
Nebr	2,487	1,582	1,597	980	374	10	506	466	285	520	1,216	155
Kans	4,921	2,079	2,998	1,441	924	9	989	706	484	1,686	2,044	357
So. Atl:												
Del	1,357	2,217	909	340	77	8	363	240	280	373	464	241
Md	6,449	1,526	3,825	2,296	612	183	1,828	1,407	898	1,310	2,833	540
D.C	832	1,306	330	203	117	7	378	229	212	135	256	48
Va	8,397	1,586	5,130	3,053	566	142	2,558	1,836	1,145	1,261	4,154	728
W. Va	3,298	1,691	1,812	1,020	460	256	769	555	257	1,173	1,313	880
N.C	8,375	1,422	5,350	3,378	491	65	2,470	1,748	812	1,767	4,049	891
S.C	4,693	1,501	2,779	1,816	430	82	1,403	834	473	1,142	2,244	449
Ga	8,848	1,614	5,578	3,409	970	30	2,270	1,425	857	1,769	4,797	875
Fla	14,843	1,503	9,288	5,571	450	31	5,075	2,968	1,923	1,987	7,967	2,392
E. So. Cent:												
Ky	6,203	1,694	3,907	1,993	558	123	1,614	1,006	531	1,999	2,667	678
Tenn	7,716	1,679	4,273	2,798	613	99	2,731	1,216	872	2,062	3,565	696
Ala	7,132	1,831	3,878	2,251	759	360	2,135	1,138	548	2,551	2,895	777
Miss	4,249	1,684	2,750	1,424	443	2	1,054	714	427	1,171	1,936	409
W. So. Cent:												
Ark	4,028	1,752	2,440	1,341	495	14	1,079	744	356	1,172	1,757	277
La	13,536	3,206	9,605	2,413	1,964	4	1,964	1,040	988	7,499	4,009	1,053
Okla	5,829	1,919	3,829	2,005	787	14	1,199	895	517	1,810	2,607	710
Tex	41,624	2,907	27,957	8,753	5,940	73	7,654	4,030	3,060	21,518	13,016	3,970
Mt:												
Mont	1,459	1,852	1,087	469	163	8	202	197	124	436	702	43
Idaho	1,489	1,572	931	561	193	16	347	226	169	374	720	(z)
Wyo	1,562	3,288	1,212	390	151	42	156	104	70	707	681	142
Colo	4,267	1,470	2,631	1,686	683	69	883	734	579	792	2,161	266
N. Mex	2,374	1,819	1,538	835	375	2	460	285	284	566	1,238	267
Ariz	4,213	1,543	2,412	1,534	334	21	1,446	745	627	680	2,161	393
Utah	2,259	1,535	1,437	787	255	93	475	354	215	609	1,081	143
Nev	1,684	2,087	1,091	582	112	5	477	255	148	301	980	227
Pac:												
Wash	5,888	1,419	4,315	2,205	579	26	967	788	491	1,352	3,257	96
Oreg	3,976	1,507	2,643	1,563	370	9	954	630	490	778	2,079	51
Calif	37,867	1,593	23,244	13,539	4,570	141	9,912	5,119	5,372	8,448	18,929	4,368
Alaska	1,122	2,784	928	197	78	-	116	117	91	241	673	48
Hawaii	1,780	1,837	1,297	411	-	-	483	178	155	321	1,127	271

- Represents zero. Z Less than $500,000. [1] Based on estimated resident population as of July 1. [2] Includes net imports of coal coke not shown separately by State.

Source: U.S. Energy Information Administration, *Energy Price and Expenditure Data Report, 1970–1980*, July 1983.

NO. 984. RESIDENTIAL ENERGY CONSUMPTION, EXPENDITURES, AND AVERAGE PRICES, 1979 TO 1981, AND BY REGION, 1981

[For period **April** to **March** of year stated. Excludes Alaska and Hawaii. Covers year-round occupied units only. Based on Residential Energy Consumption Survey; see Appendix III. For composition of regions, see fig. I, inside front cover. Excludes household usage of gasoline for transportation and the use of wood or coal. Btu = British thermal unit; see text, p. 571]

ITEM	Unit	1979, all households	1980, all households	1981				
				All households	Northeast	North central	South	West
CONSUMPTION								
Total	**Quad. Btu**	**10.56**	**9.74**	**9.32**	**2.43**	**2.92**	**2.59**	**1.38**
Average per household	Mil. Btu	138	126	114	138	139	96	86
Natural gas	Quad. Btu	5.58	5.31	4.94	.92	2.02	1.11	.89
Electricity	Quad. Btu	2.47	2.42	2.46	.39	.60	1.06	.41
Fuel oil, kerosene	Quad. Btu	2.19	1.71	1.55	1.09	.16	.27	.04
Liquid petroleum gas	Quad. Btu	.33	.31	.36	.03	.15	.15	.04
EXPENDITURES								
Total	**Bil. dol.**	**55.5**	**63.2**	**74.8**	**22.4**	**19.2**	**23.6**	**9.6**
Average per household	Dollars	724	815	917	1268	910	877	604
Natural gas	*Bil. dol.*	*15.3*	*17.8*	*19.3*	*4.7*	*7.2*	*4.3*	*3.1*
Electricity	Bil. dol.	29.9	32.6	40.1	8.6	9.7	16.0	5.9
Fuel oil, kerosene	Bil. dol.	8.6	10.7	12.5	8.8	1.2	2.2	.3
Liquid petroleum gas	Bil. dol.	1.7	2.1	2.9	.3	1.1	1.2	.3
AVERAGE PRICE (per million Btu)								
Total	**Dollars**	**5.25**	**6.49**	**8.03**	**9.21**	**6.56**	**9.13**	**6.99**
Natural gas	Dollars	2.74	3.36	3.90	5.14	3.55	3.84	3.50
Electricity	Dollars	12.10	13.46	16.32	21.99	16.12	15.10	14.34
Fuel oil, kerosene	Dollars	3.93	6.29	8.04	8.04	7.92	8.12	7.86
Liquid petroleum gas	Dollars	5.09	6.71	7.92	9.96	7.38	8.12	7.91

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Consumption and Expenditures*, annual.

NO. 985. RESIDENTIAL ENERGY CONSUMPTION AND EXPENDITURES, BY TYPE OF FUEL AND SELECTED HOUSEHOLD CHARACTERISTIC: 1981

[For period **April 1980** to **March 1981**. Quad. = quadrillion. See headnote, table 984]

CHARACTERISTIC	CONSUMPTION (Btu's)					EXPENDITURES				
	Total [1] (quad.)	Avg. per household [1] (mil.)	Natural gas (quad.)	Electricity (quad.)	Fuel oil [2] (quad.)	Total [1] (bil. dol.)	Avg. per household [1] (dol.)	Natural gas (bil. dol.)	*Electricity* (bil. dol.)	*Fuel oil* [2] (bil. dol.)
Total households	**9.32**	**114**	**4.94**	**2.46**	**1.55**	**74.8**	**917**	**19.3**	**40.1**	**12.5**
Single family detached	6.61	125	3.59	1.86	.90	52.2	985	13.3	29.6	7.2
Single familiy attached	.39	118	.21	.08	.09	3.3	985	1.0	1.5	.7
2-4 unit building	1.09	110	.70	.17	.21	8.2	822	3.1	3.3	1.7
5-or-more unit building	.83	77	.33	.20	.30	7.6	703	1.5	3.6	2.4
Mobile home	.39	84	.11	.15	.05	3.7	789	.4	2.2	.4
Year house built:										
1939 or earlier	3.08	132	1.71	.50	.74	22.9	981	6.9	9.1	6.0
1940-1949	.89	119	.49	.19	.18	6.7	898	2.0	3.1	1.5
1950-1959	1.67	122	.98	.39	.27	12.6	920	3.6	6.5	2.1
1960-1969	1.73	113	.97	.49	.21	13.7	893	3.8	7.7	1.6
1970-1974	1.02	97	.45	.41	.09	9.5	900	1.8	6.4	.7
1975 or later	.93	82	.34	.48	.06	9.5	840	1.3	7.4	.5
Heating and cooling degree day zones: [3]										
Less than 2,000 CDD and—										
More than 7,000 HDD	1.06	125	.54	.24	.22	8.1	951	2.0	3.8	1.7
5,500-7,000 HDD	*2.95*	*141*	*1.88*	*.54*	*.45*	*20.7*	*988*	*7.1*	*9.3*	*3.6*
4,000-5,499 HDD	2.59	122	1.12	.63	.76	22.2	1052	5.1	10.4	6.1
Less than 4,000 HDD	1.70	90	.96	.56	.10	13.4	707	3.4	8.6	.8
More than 2,000 CDD and less than 4,000 HDD	1.02	85	.44	.50	.02	10.4	861	1.7	8.0	.2
1979 family income:										
Less than $5,000	1.02	98	.54	.21	.22	7.8	754	2.2	3.5	1.8
$5,000-$9,999	1.44	104	.76	.32	.29	11.2	807	3.0	5.3	2.3
$10,000-$14,999	1.41	102	.71	.36	.26	11.6	837	2.9	6.0	2.1
$15,000-$19,999	1.32	112	.71	.37	.20	10.7	900	2.7	5.9	1.6
$20,000-$24,999	1.25	126	.71	.35	.16	9.8	986	2.7	5.5	1.3
$25,000-$34,999	1.52	123	.80	.44	.23	12.4	1005	3.1	7.1	1.9
$35,000 and over	1.35	143	.72	.41	.19	11.4	1206	2.7	6.9	1.5

[1] Includes liquid petroleum gas, not shown separately. [2] Includes kerosene. [3] CDD=Cooling degree day; HDD=Heating degree day. See fig. 7.3, p. 227.

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: 1980-1981 Consumption and Expenditures.*

No. 986. Natural Gas Consumption, Expenditures, and Average Prices, by Sector, 1970 to 1980, and by Region, 1980

[Based on Energy Price and Expenditures Data System. Btu=British thermal unit; see text, p. 571]

End-use sector	1970	1973	1975	1978	1979	1980				
						Total	Northeast	North Central	South	West
Consumption (tril. Btu)										
Total	21,795	22,505	19,947	19,999	20,661	20,391	2,205	5,394	9,541	3,251
Residential	4,987	4,977	5,023	4,981	5,055	4,866	927	2,031	996	862
Industrial	9,536	10,388	8,532	8,539	8,549	8,395	585	1,881	4,885	1,044
Commercial	2,473	2,649	2,558	2,643	2,836	2,674	437	1,069	679	488
Transportation	745	743	595	539	612	650	35	146	360	108
Electric utility	4,054	3,748	3,240	3,297	3,609	3,807	221	216	2,621	748
Expenditures (mil. dol.)										
Total	11,606	14,835	21,804	35,400	44,639	55,722	8,666	16,221	20,614	10,221
Residential	5,294	6,259	8,407	12,476	14,708	17,507	4,255	6,910	3,414	2,928
Industrial	3,166	4,649	7,342	11,954	15,243	19,847	1,918	5,305	9,649	2,974
Commercial	1,854	2,445	3,388	5,823	7,615	8,854	1,802	3,253	2,052	1,738
Transportation	144	183	230	474	793	1,171	66	276	607	223
Electric utility	1,148	1,299	2,436	4,672	6,281	8,342	626	477	4,881	2,358
Average prices (dollars per mil. Btu)										
Total	.53	.66	1.09	1.77	2.16	2.73	3.93	3.00	2.16	3.14
Residential	1.06	1.26	1.67	2.50	2.91	3.60	4.59	3.32	3.43	3.40
Industrial	.33	.45	.86	1.40	1.78	2.36	3.28	2.82	1.97	2.85
Commercial	.75	.92	1.32	2.20	2.68	3.31	4.12	3.04	3.04	3.56
Transportation	.19	.25	.39	.88	1.30	1.80	1.88	1.89	1.69	2.06
Electric utility	.28	.35	.75	1.42	1.74	2.19	2.83	2.21	1.86	3.15

Source: U.S. Energy Information Administration, *Natural Gas: Use and Expenditures*, April 1983.

No. 987. Fossil Fuel Prices in Current and Constant (1972) Dollars: 1960 to 1982

[In cents per million British thermal units (Btu), except as indicated. All fuel prices taken as close to the point of production as possible. See text, p. 571, for explanation of Btu conversions from mineral fuels. Minus sign (–) denotes decrease]

Year or period	Current dollars					Constant (1972) dollars					GNP [3] price deflators (1972=100)
	Composite [1]	Crude oil	Natural gas	Bituminous coal [2]	Anthracite coal	Composite [1]	Crude oil	Natural gas	Bituminous coal [2]	Anthracite coal	
1960	28.1	49.7	12.6	18.3	33.0	40.9	72.3	18.3	26.6	48.0	68.7
1965	27.6	49.3	14.5	17.5	35.3	37.1	66.3	19.5	23.5	47.5	74.4
1970	31.5	54.8	15.4	25.5	47.1	34.4	59.9	16.8	27.9	51.5	91.5
1972	34.8	58.4	17.3	31.9	52.9	34.8	58.4	17.3	31.9	52.9	100.0
1973	39.6	67.1	20.1	35.5	58.9	37.4	63.5	18.9	33.6	55.7	105.8
1974	67.2	118.4	27.3	66.4	98.4	58.4	102.9	23.7	57.7	85.5	115.1
1975	82.2	132.2	41.1	82.9	137.9	65.3	105.1	32.7	65.9	109.6	125.8
1976	89.8	141.2	53.1	83.9	149.0	67.9	106.7	40.1	63.4	112.6	132.3
1977	100.6	147.8	72.3	87.3	150.4	71.8	105.5	51.6	62.3	107.4	140.1
1978	111.3	155.2	83.6	97.1	149.9	74.0	103.2	55.6	64.6	99.7	150.4
1979	141.4	217.9	108.1	104.7	174.1	86.5	133.3	66.1	64.1	106.5	163.4
1980	204.5	372.2	146.1	109.2	182.1	114.5	208.4	81.8	61.1	101.9	178.6
1981	274.9	547.8	181.5	117.5	186.9	140.6	280.2	92.8	60.1	95.6	195.5
1982, prel	276.7	492.1	221.8	122.0	198.4	133.6	237.6	107.1	58.9	95.8	207.2
Percent change:											
1960–70	12.1	10.3	22.2	39.3	42.7	–15.9	–17.2	–8.2	4.9	7.3	33.2
1970–73	25.7	22.4	30.5	39.2	25.1	8.7	6.0	11.3	20.4	8.2	15.6
1973–75	107.6	97.0	104.4	33.5	134.1	74.6	65.5	73.0	96.1	96.8	18.9
1975–79	72.0	64.8	163.0	26.3	26.3	32.5	26.8	102.1	–2.7	–2.8	29.9
1979–80	44.6	70.8	35.1	4.3	4.6	32.4	56.3	23.8	–4.7	–4.3	9.3
1980–81	34.4	47.2	24.2	7.6	2.6	22.8	34.5	13.4	–1.6	–6.2	9.5
1981–82, prel	.7	–10.2	22.2	3.8	6.2	–5.0	–15.2	15.4	–2.0	.2	6.0

[1] Weighted by relative importance of individual fuels in total fuels production. [2] Includes lignite. [3] GNP=Gross national product; see text, p. 483.

Source: U.S. Energy Information Administration, *Annual Energy Review*.

No. 988. World Energy Consumption, by Region and Energy Source: 1960 to 1980

[In tons of coal equivalent. Metric ton=1.1023 short tons. See text, p. 854, for general comments about the data]

REGION AND ENERGY SOURCE	CONSUMPTION (mil. metric tons)									PERCENT DISTRIBUTION		
	1960	1965	1970	1975	1976	1977	1978	1979	1980	1960	1970	1980
World total	**3,970**	**4,971**	**6,430**	**7,462**	**7,872**	**8,076**	**8,318**	**8,634**	**8,548**	**100.0**	**100.0**	**100.0**
United States	1,477	1,783	2,227	2,284	2,378	2,406	2,428	2,470	2,370	37.2	34.6	27.7
Western Europe	783	1,003	1,295	1,407	1,502	1,482	1,516	1,619	1,559	19.7	20.1	18.2
Japan	109	178	317	354	407	413	419	431	431	2.7	4.9	5.0
Centrally planned economies [1]	1,201	1,444	1,783	2,292	2,400	2,522	2,630	2,715	2,745	30.3	27.7	32.1
Rest of world	400	563	808	1,125	1,185	1,253	1,325	1,399	1,443	10.1	12.6	16.9
Energy source:												
Solid fuels	1,981	2,070	2,184	2,309	2,398	2,448	2,491	2,637	2,669	49.9	34.0	31.2
Liquid fuels	1,311	1,902	2,798	3,374	3,603	3,716	3,800	3,867	3,709	33.0	43.5	43.4
Natural gas	593	882	1,293	1,556	1,640	1,663	1,754	1,842	1,871	14.9	20.1	21.9
Electricity	85	116	155	223	231	248	274	288	300	2.1	2.4	3.5

[1] Includes China, Dem. People's Rep. of Korea, Mongolia, Vietnam, Albania, Bulgaria, Czechoslovakia, German Dem. Rep., Hungary, Poland, Romania, and Soviet Union.

Source: Statistical Office of the United Nations, New York, N.Y., *Yearbook of World Energy Statistics.* (Copyright.)

No. 989. World Primary Energy Production, by Region and Type: 1973 to 1981

[In quadrillion Btu. Btu=British thermal units. For Btu conversion factors, see source]

REGION AND TYPE	1973	1974	1975	1976	1977	1978	1979	1980	1981
World total	**246.60**	**250.71**	**247.71**	**262.13**	**270.95**	**276.37**	**290.81**	**289.58**	**284.51**
North America	73.76	72.71	71.31	71.50	72.53	74.20	78.26	81.36	81.67
United States	62.39	61.17	59.99	60.01	60.21	61.16	63.76	65.39	64.99
Central and South America	12.93	12.16	10.67	10.81	11.08	11.46	12.43	12.22	12.17
Western Europe	19.58	20.01	21.36	22.29	23.90	24.81	27.57	28.00	29.54
Eastern Europe [1]	51.44	54.18	56.52	59.54	62.25	64.66	66.76	68.74	69.10
Middle East	46.82	48.58	43.82	49.45	50.17	47.86	48.81	41.94	36.13
Africa	14.81	13.89	13.12	15.39	16.43	16.10	17.89	17.62	15.45
Far East and Oceania	27.25	29.18	30.90	33.15	34.59	37.28	39.09	39.69	40.45
Crude oil	117.84	118.07	111.57	121.19	125.98	126.31	131.52	125.47	117.23
Natural gas	43.46	44.29	44.19	46.16	47.54	48.82	52.12	53.30	54.65
Natural gas liquids	4.24	4.36	4.35	4.52	4.70	4.84	5.20	5.49	5.92
Coal	65.36	66.30	68.72	70.66	71.81	73.23	77.69	79.83	79.66
Hydroelectric power	13.52	14.83	15.03	15.07	15.51	16.74	17.64	18.04	18.35
Nuclear	2.19	2.86	3.84	4.52	5.42	6.43	6.65	7.44	8.69

[1] Includes U.S.S.R.

Source: U.S. Energy Information Administration, *International Energy Annual.*

No. 990. Daily International Flow of Crude Oil, by Area: 1980

[In thousands of barrels per day]

EXPORTING AREA	IMPORTING AREA									
	Total	North America		Central and South America	Western Europe		Eastern Europe	Middle East [1] and Africa	Japan	Other Far East and Oceania
		U.S.	Canada		Atlantic ocean, North Sea	Mediterranean Sea				
World total	**31,249**	**5,263**	**554**	**3,120**	**7,019**	**4,744**	**2,036**	**1,240**	**4,414**	**2,860**
North America	1,315	707	84	372	147	-	-	-	-	6
United States	287	(X)	84	[2] 198	-	-	-	-	-	6
Central and South America	1,648	332	170	797	134	116	-	-	67	32
Western Europe	1,349	317	7	20	1,000	3	-	1	-	-
U.S.S.R.	2,430	-	-	100	348	310	1,550	30	2	90
Middle East	16,669	1,533	275	1,122	3,820	3,170	300	1,075	3,125	2,248
Africa	5,753	1,998	17	636	1,560	1,122	185	109	67	59
Far East and Oceania	2,085	376	-	73	10	23	-	25	1,153	425

- Represents zero. X Not applicable. [1] Shipments to Jordan, Lebanon, and Syria only. [2] Includes shipments to Puerto Rico and Virgin Islands.

Source: U.S. Energy Information Administration, *International Energy Annual.*

No. 991. U.S. Foreign Trade in Selected Mineral Fuels: 1960 to 1982

[Btu = British thermal units. For Btu conversion factors, see text, p. 571. Minus sign (−) indicates an excess of imports over exports. See also *Historical Statistics, Colonial Times to 1970*, series M 100, 101, 127, 128, 140, 141, 178, and 181]

Year	Natural gas						Crude oil					
	Imports		Exports		Net trade		Imports [1]		Exports		Net trade	
	Bil. cu. ft.	Tril. Btu	Bil. cu. ft.	Tril. Btu	Bil. cu. ft.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu
1960	155.6	161	11.3	12	−144.3	−149	372	2,196	3	18	−369	−2,178
1965	456.4	471	26.1	27	−430.3	−444	452	2,654	1	6	−451	−2,648
1970	820.8	846	69.8	72	−751.0	−774	483	2,814	5	29	−478	−2,785
1971	934.5	964	80.2	83	−854.3	−881	613	3,573	1	3	−612	−3,570
1972	1,019.5	1,047	78.0	80	−941.5	−967	811	4,712	(z)	1	−811	−4,710
1973	1,032.9	1,060	77.2	79	−955.7	−981	1,184	6,887	1	4	−1,183	−6,883
1974	959.3	985	76.8	78	−882.5	−907	1,269	7,395	1	6	−1,268	−7,389
1975	953.0	978	72.7	74	−880.3	−904	1,498	8,721	2	12	−1,496	−8,709
1976	963.8	988	64.7	66	−899.1	−922	1,935	11,239	3	17	−1,932	−11,221
1977	1,011.0	1,037	55.6	56	−955.4	−981	2,414	14,027	18	106	−2,396	−13,921
1978	965.5	995	52.5	53	−913.0	−941	2,320	13,460	58	335	−2,262	−13,125
1979	1,253.4	1,300	55.7	56	−1,197.7	−1,243	2,380	13,825	86	497	−2,294	−13,328
1980	984.8	1,006	48.7	49	−900.1	−957	1,926	11,195	105	609	−1,821	−10,586
1981	903.9	917	59.4	60	−844.5	−856	1,605	9,336	83	482	−1,522	−8,854
1982, prel.	972.0	986	55.0	56	−917.0	−930	1,263	7,349	86	500	−1,177	−6,848

Year	Coal						Petroleum products					
	Imports		Exports [2]		Net trade		Imports		Exports		Net trade	
	1,000 sh. tons	Tril. Btu	1,000 sh. tons	Tril. Btu	1,000 sh. tons	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu
1960	261	7	37,981	1,023	37,720	1,017	293	1,802	71	413	−222	−1,389
1965	184	5	52,165	1,377	51,981	1,372	449	2,748	67	386	−382	−2,366
1970	36	1	72,419	1,936	72,383	1,935	765	4,656	89	520	−676	−4,136
1971	111	3	58,022	1,546	57,911	1,543	819	4,968	81	470	−738	−4,498
1972	47	1	57,188	1,531	57,141	1,530	924	5,587	81	467	−843	−5,120
1973	127	3	54,030	1,446	53,903	1,443	1,099	6,578	84	482	−1,015	−6,097
1974	2,080	52	61,095	1,637	59,015	1,585	962	5,731	79	458	−883	−5,273
1975	940	24	66,765	1,789	65,825	1,766	712	4,227	74	427	−638	−3,800
1976	1,203	30	60,594	1,620	59,391	1,590	741	4,434	79	452	−662	−3,982
1977	1,647	41	54,713	1,465	53,066	1,424	800	4,728	70	408	−730	−4,321
1978	2,953	74	40,967	1,098	38,014	1,024	733	4,364	74	432	−659	−3,932
1979	2,059	51	66,381	1,781	64,322	1,730	707	4,108	86	505	−621	−3,603
1980	1,194	30	92,082	2,420	90,888	2,390	603	3,463	94	551	−509	−2,912
1981	1,043	26	112,914	2,945	111,871	2,918	584	3,303	134	781	−450	−2,522
1982, prel.	620	16	106,612	2,782	105,992	2,766	577	3,266	211	1,233	−366	−2,033

Z Less than 500,000. [1] Beginning 1977 includes strategic petroleum reserve imports. [2] Includes shipments to U.S. Armed Forces.

Source: U.S. Energy Information Administration, *Annual Energy Review.*

No. 992. Crude Oil Imports Into U.S., by Country of Origin: 1970 to 1982

Country of origin	Imports (mil. 42-gal. bbls.)											Percent distribution		
	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1970	1975	1982
Total	**483**	**1,164**	**1,269**	**1,498**	**1,935**	**2,414**	**2,320**	**2,380**	**1,926**	**1,605**	**1,273**	**100.0**	**100.0**	**100.0**
Canada	245	365	289	219	136	102	90	99	73	60	78	50.7	14.6	6.1
Mexico	-	(z)	1	26	32	65	115	160	186	171	235	-	1.7	18.5
Norway	-	-	(z)	5	13	18	38	28	53	42	37	-	.3	2.9
Trinidad-Tobago	(z)	22	23	42	38	49	52	45	42	37	34	(z)	2.8	2.7
United Kingdom	-	-	-	-	5	36	62	72	63	135	161	-	-	12.6
OPEC	**222**	**767**	**926**	**1,171**	**1,663**	**2,058**	**1,892**	**1,866**	**1,414**	**1,067**	**633**	**46.0**	**78.2**	**49.7**
Algeria	2	44	66	96	149	198	231	222	167	95	33	.4	6.4	2.6
Ecuador	-	17	15	21	19	20	14	11	6	14	12	-	1.4	.9
Gabon	-	-	9	10	10	13	14	15	9	13	14	-	.6	1.1
Indonesia	26	73	103	138	196	185	195	139	115	116	82	5.4	9.2	6.4
Iran	12	79	169	102	109	193	202	108	3	-	13	2.5	6.8	1.0
Iraq	-	2	-	(z)	10	27	23	32	10	-	1	-	(z)	.1
Kuwait	12	15	2	1	(z)	15	2	2	10	-	1	2.5	.1	.1
Libya	17	49	1	81	162	257	233	234	200	116	8	3.5	5.4	.6
Nigeria	17	164	254	272	371	412	332	390	308	223	186	3.5	18.2	14.6
Qatar	-	3	6	7	9	24	23	11	8	3	3	-	.5	.2
Saudi Arabia	15	169	160	256	447	501	417	492	458	406	194	3.1	17.1	15.2
United Arab Emirates	23	26	25	43	93	122	141	103	63	28	30	4.8	2.9	2.4
Venezuela	98	126	116	144	88	91	66	107	57	54	56	20.3	9.6	4.4
Other	16	30	30	35	48	86	71	110	95	93	95	3.3	2.3	7.5

- Represents zero. Z Less than 500,000 or less than .05 percent.

Source: 1970–1976, U.S. Bureau of Mines, *Minerals Yearbook* and *Mineral Industry Surveys;* 1977–1980, U.S. Energy Information Administration, *Petroleum Statement,* annual; thereafter, U.S. Energy Information Administration, *Petroleum Supply Annual.*

No. 993. Crude Oil and Refined Products Summary: 1973 to 1983

[Barrels of 42 gallons]

Year and month	Crude oil (1,000 bbl. per day)					Refined oil products (1,000 bbl. per day)			Total oil imports [2] (1,000 bbl. per day)	Crude oil stocks [3] (mil. bbl.)	
	Input to refineries	Domestic production	Imports		Exports	Domestic demand	Imports	Exports		Total	Strategic reserve
			Total [1]	Strategic reserve							
1973, avg	12,431	9,208	3,244	(X)	2	17,308	3,012	229	6,256	242	(X)
1974, avg	12,133	8,774	3,477	(X)	3	16,653	2,635	218	6,112	265	(X)
1975, avg	12,442	8,375	4,105	(X)	6	16,322	1,951	204	6,056	271	(X)
1976, avg	13,416	8,132	5,287	(X)	8	17,461	2,026	215	7,313	285	(X)
1977, avg	14,602	8,245	6,615	21	50	18,431	2,193	193	8,807	348	7
1978, avg	14,739	8,707	6,356	162	158	18,847	2,008	204	8,363	376	67
1979, avg	14,648	8,552	6,519	67	235	18,513	1,937	236	8,456	430	91
1980, avg	13,481	8,597	5,263	44	287	17,056	1,646	258	6,909	466	108
1981, avg	12,477	8,572	4,396	256	228	16,001	1,576	367	5,981	594	230
1st qtr	12,843	8,577	4,775	109	251	17,021	1,762	320	6,531	518	121
2d qtr	12,272	8,551	4,229	325	212	15,487	1,362	317	5,631	555	163
3d qtr	12,563	8,531	4,405	289	219	15,522	1,552	360	5,953	561	199
4th qtr	12,236	8,588	4,188	297	230	15,988	1,628	468	5,817	594	230
1982, avg	11,774	8,649	3,488	165	236	15,296	1,625	579	5,113	644	294
1st qtr	11,375	8,624	3,192	172	287	15,892	1,685	552	4,877	609	249
2d qtr	11,896	8,641	3,331	166	178	15,292	1,507	587	4,839	608	264
3d qtr	12,154	8,664	3,915	148	340	14,893	1,602	557	5,517	619	279
4th qtr	11,662	8,665	3,507	173	241	15,119	1,706	619	5,213	644	294
1983,[4] avg	11,357	8,669	2,884	217	178	14,877	1,528	668	4,412	688	332
1st qtr	10,853	8,657	2,479	206	184	15,007	1,418	695	3,897	670	312
2d qtr	11,849	8,681	3,278	228	171	14,746	1,636	640	4,914	688	332

X Not applicable. [1] Includes Strategic Petroleum Reserve. [2] Crude oil (including Strategic Petroleum Reserve imports) plus refined products. [3] End of year or quarter. [4] Preliminary.

Source: U.S. Energy Information Administration, *Monthly Energy Review*, August 1983, and earlier issues.

No. 994. Energy Producing Companies—Selected Financial and Investment Indicators, 1975 to 1981, and by Line-of-Business, 1981

[Based on data from 26 major publicly-owned domestic crude oil producing companies which either had at least one percent of domestic production or reserves of oil, natural gas, coal, or uranium, or at least one percent of refining capacity or petroleum product sales]

Item	1975	1976	1977	1978	1979	1980	1981, prel.					
							Total [1]	Line-of-business				
								Petroleum	Coal	Nuclear	Other energy	Non-energy
INCOME STATEMENT (bil. dol.)												
Operating revenues	215.5	243.7	266.6	294.8	392.6	518.6	575.7	516.1	4.6	.8	.9	75.4
Operating expenses	191.2	219.8	239.3	265.0	345.8	455.9	520.9	459.2	4.4	1.0	1.4	74.0
Operating income	24.3	24.0	27.3	29.8	46.8	62.7	54.8	56.9	.2	−.2	−.5	1.4
Pretax income	26.5	26.0	28.2	30.2	48.6	66.9	59.6	60.5	.5	−.3	−.5	2.3
Net income	10.3	12.0	12.7	13.9	23.5	31.0	30.0	29.5	.4	−.1	−.2	1.6
Funds from operations [2]	19.1	23.7	27.3	31.2	45.4	59.0	61.6	(NA)	(NA)	(NA)	(NA)	(NA)
BALANCE SHEET (bil. dol.)												
Net property, plant, and equipment	97.3	111.1	125.9	138.1	159.3	188.9	224.9	171.3	6.8	1.3	3.0	39.5
Net investment in place [3]	106.0	120.2	135.1	148.1	169.9	202.6	240.8	178.0	7.2	1.3	3.2	45.9
Total assets	173.7	196.9	217.1	237.1	282.8	333.0	372.5	(NA)	(NA)	(NA)	(NA)	(NA)
RATIOS (percent)												
Net income to operating revenues	4.8	4.9	4.8	4.7	6.0	6.0	5.2	5.7	9.5	−11.7	−23.5	2.1
Net income to total assets	5.9	6.1	5.8	5.9	8.3	9.3	8.0	(NA)	(NA)	(NA)	(NA)	(NA)
Net income to stockholders' equity	12.3	13.1	12.6	12.8	18.8	21.1	18.1	(NA)	(NA)	(NA)	(NA)	(NA)
Long-term debt to stockholders' equity [4]	35.6	38.7	38.9	35.6	33.7	31.5	32.2	(NA)	(NA)	(NA)	(NA)	(NA)
Long-term debt to total assets [4]	17.1	18.0	18.0	16.3	14.9	13.9	14.3	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Includes items which cannot be allocated and adjusted for duplication, not shown separately. [2] The sum of net income, depreciation, depletion and amortization, deferred taxes, dry hole expenses, etc. [3] Composed of net property, plant and equipment plus investment and advances to unconsolidated subsidiaries. [4] Long-term debt includes amounts applicable to capitalized leases.

Source: U.S. Energy Information Administration, *Performance Profiles of Major Energy Producers*, annual, and unpublished data.

No. 995. Petroleum and Coal Products—Sales, Net Profit, and Profit Per Dollar of Sales: 1970 to 1982

[Profit rates are averages of quarterly figures at annual rates]

ITEM	Unit	1970	1974 [1]	1974 [2]	1975 [2]	1976 [2]	1977 [2]	1978 [2]	1979 [2]	1980 [2]	1981 [2]	1982 [2]
Sales	Bil. dol.	64.1	180.4	113.5	121.8	141.3	162.3	180.3	242.7	333.2	376.1	357.1
Net profit:												
Before taxes [3]	Bil. dol.	7.0	15.6	17.7	13.3	16.9	17.8	19.2	32.2	39.1	35.3	27.8
After taxes	Bil. dol.	5.9	12.3	14.5	9.3	11.7	12.2	12.8	21.9	25.5	23.7	19.7
Depreciation [4]	Bil. dol.	4.5	(NA)	5.1	5.6	5.9	6.6	7.7	9.5	11.6	13.7	16.3
Profits per dollar of sales:												
Before taxes [3]	Cents	11.0	8.6	15.6	10.9	12.0	11.0	10.6	13.3	11.7	9.4	7.8
After taxes	Cents	9.2	6.8	12.8	7.6	8.3	7.5	7.1	9.0	7.7	6.3	5.5
Profits on stockholders' equity:												
Before taxes [3]	Percent	13.0	(NA)	25.8	17.9	20.3	19.9	19.8	30.0	30.7	25.6	18.7
After taxes	Percent	11.0	(NA)	21.1	12.5	14.1	13.6	13.3	20.4	20.0	17.2	13.2

NA Not available. [1] Estimates based on FTC reporting requirements in use prior to 1974. [2] Beginning 1974, based on new FTC reporting requirements. [3] Federal income taxes. [4] Includes depletion and accelerated amortization of emergency facilities.

Source: Through 1981, U.S. Federal Trade Commission and, beginning 1982, U.S. Bureau of the Census, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.*

No. 996. Major Petroleum Companies—Financial Data Summary: 1970 to 1982

[Data represent a composite of approximately 41 major worldwide petroleum companies aggregated on a consolidated, total company basis]

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
FINANCIAL DATA (bil. dol.)												
Net income	6.9	6.8	11.8	15.9	11.6	14.3	15.1	16.0	32.8	32.9	29.2	21.9
Depreciation, depletion, etc	7.4	9.1	10.5	13.0	11.3	14.8	18.3	19.8	24.9	32.5	34.9	41.8
Cash flow [1]	14.2	15.9	22.3	28.9	22.8	29.1	33.4	35.8	57.7	65.4	64.1	63.7
Dividends paid	3.8	3.8	4.0	4.5	4.7	5.4	6.3	6.8	8.0	9.3	10.6	11.0
Net internal funds available for investment or debt repayment [2]	10.5	12.1	18.3	24.5	18.1	23.7	27.1	29.0	49.7	56.1	53.5	52.7
Capital and exploratory expenditures	13.3	14.3	16.3	25.8	26.9	30.7	31.8	37.1	51.1	62.1	79.2	75.3
Long-term capitalization	84.5	93.7	102.9	112.9	121.1	142.9	150.1	168.0	196.9	211.4	248.1	264.1
Long-term debt	18.5	21.8	22.5	25.0	28.9	39.1	38.4	45.1	48.1	49.8	59.2	65.2
Preferred stock	1.3	.4	.4	.4	.4	.3	.9	.9	.9	2.0	2.0	3.5
Common stock and retained earnings [3]	64.6	71.5	80.0	87.4	91.9	103.5	110.8	122.0	147.9	159.6	186.9	195.4
Excess of expenditures over cash income [4]	2.8	2.2	−2.0	1.3	8.9	6.9	4.7	8.1	1.4	6.0	25.7	22.6
RATIOS [5] (percent)												
Long-term debt to long-term capitalization	21.9	23.3	22.0	22.2	23.8	27.4	25.6	26.8	24.4	23.6	23.8	24.7
Net income to total average capital	8.3	7.4	12.0	14.8	10.0	10.7	10.1	9.9	17.8	17.0	10.4	8.6
Net income to average common equity	10.7	9.7	15.6	19.0	13.1	14.3	13.9	13.5	24.0	22.5	17.7	11.5

[1] Generally represents internally-generated funds from operations. Sum of net income and noncash charges such as depreciation, depletion, and amortization. [2] Cash flow minus dividends paid. [3] Includes common stock, capital surplus, and earned surplus accounts after adjustments. [4] Capital and exploratory expenditures plus dividends paid minus cash flow. [5] Represent approximate year-to-year comparisons because of changes in the makeup of the group due to mergers and other corporate changes.

Source: Carl H. Pforzheimer & Co., New York, N.Y., *Comparative Oil Company Statements, 1981-1982,* and earlier reports.

No. 997. Electric Utility Production, 1960 to 1982, and Projections, 1983 to 1990

[Excludes industrial facilities and railways having own generating facilities. For explanation of average annual percent change, see Guide to Tabular Presentation]

ITEM	1960	1965	1970	1975	1980	1981	1982, prel.	1983, proj.	1985, proj.	1990, proj.
Energy use (bil. kWh)	753	1,055	1,532	1,918	2,286	2,295	2,241	2,420	2,600	3,021
Average annual percent change [1]	6.7	7.0	7.7	1.5	3.6	.4	−2.4	8.0	7.4	16.2
Per capita [2] kWh (1,000)	4.2	5.5	7.5	9.0	10.1	10.0	9.7	(NA)	(NA)	(NA)
Peak load net capability, July (mil. kW)	138	189	276	345	430	431	414	450	480	552
Average annual percent change [1]	7.1	6.5	7.9	1.6	6.7	.2	−4.0	8.7	6.7	15.0

NA Not available. [1] Change from prior year shown; for 1960, change from 1955. [2] For resident population of the 50 States and D.C. estimated for July 1, based on U.S. Bureau of the Census population data.

Source: 1960-1975, U.S. Federal Power Commission, unpublished data; 1980, U.S. Energy Information Administration, *Electric Energy and Peak Load,* annual; thereafter, *Electric Power Annual.*

No. 998. Electric Energy Production and Installed Generating Capacity, by Type of Prime Mover and Consumption of Fuels: 1960 to 1982

[Production for **calendar years;** other data as of **December 31.** 1960 excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970,* series S 32-52, S 78-82, and S 86-107]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
PRODUCTION											
Total [1]	**Bil. kWh**	**842**	**1,158**	**1,640**	**2,003**	**2,212**	**2,285**	**2,319**	**2,286**	**2,295**	**2,241**
Average annual change [2]	Percent	6.0	6.6	7.2	4.1	4.1	3.3	1.5	(NA)	.4	−2.4
Production, kWh per kW of capacity	Number	4,529	4,548	4,545	3,798	3,818	3,818	3,766	3,624	3,519	3,358
Industrial plants [3]	Bil. kWh	88	102	108	85	88	79	71	(NA)	(NA)	(NA)
Electric utilities [4]	Bil. kWh	753	1,055	1,532	1,918	2,124	2,206	2,247	2,286	2,295	2,241
Privately owned	Bil. kWh	579	809	1,183	1,487	1,684	1,721	1,756	1,783	1,786	1,712
Percent of total utilities	Percent	76.8	76.7	77.2	77.5	79.3	78.0	78.1	78.0	77.0	76.4
Publicly owned	Bil. kWh	175	246	349	431	440	485	491	503	509	530
Municipal	Bil. kWh	37	50	71	82	83	90	87	87	81	77
Federal	Bil. kWh	112	145	186	221	214	235	236	235	232	241
Cooperatives and other	Bil. kWh	26	51	91	128	143	160	168	182	196	212
Source of energy:											
Coal [5]	Percent	53.5	54.1	46.2	44.7	46.6	44.4	48.1	51.1	52.7	53.4
Nuclear	Percent	.1	.4	1.4	9.0	11.8	12.5	11.4	11.0	11.9	12.6
Oil	Percent	6.1	6.1	11.9	15.1	16.8	16.5	13.5	10.7	9.0	6.5
Gas	Percent	21.0	21.0	24.3	15.6	14.4	13.8	14.7	15.1	15.1	13.6
Hydro	Percent	19.3	18.4	16.2	15.6	10.4	12.7	12.4	12.1	11.4	13.8
INSTALLED CAPACITY											
Total	**Mil. kW**	**186**	**255**	**361**	**527**	**579**	**598**	**616**	**631**	**652**	**667**
Average annual change [2]	Percent	7.3	6.5	7.2	7.9	5.3	3.3	2.9	2.4	3.3	2.3
Industrial plants [3]	Mil. kW	18	18	19	19	19	19	17	17	17	17
Electric utilities [4]	Mil. kW	168	236	342	508	560	579	598	614	635	650
Privately owned	Mil. kW	128	178	263	399	438	454	464	477	491	499
Percent of total utilities	Percent	76.5	75.2	76.9	78.5	78.2	78.3	77.6	77.7	77.3	76.8
Publicly owned	Mil. kW	40	59	79	109	122	126	134	137	144	151
Municipal	Mil. kW	11	15	21	29	33	34	34	35	35	36
Federal	Mil. kW	22	32	39	50	53	54	58	59	61	63
Cooperatives and other	Mil. kW	6	11	19	30	36	37	42	43	48	52
ELECTRIC UTILITIES [4] TYPE OF PRIME MOVER											
Prime movers, total [6]	Number	3,435	3,290	3,533	3,587	3,587	3,586	3,573	3,575	3,567	3,515
Hydro	Number	1,331	1,231	1,188	1,146	1,145	1,146	1,145	1,142	1,147	1,168
Steam conventional	Number	1,055	1,059	998	937	926	922	925	934	937	916
Gas turbine	Number			323	497	520	529	537	541	540	541
Steam nuclear	Number	5	9	16	42	49	50	51	51	53	53
Internal combustion	Number	1,044	991	1,008	965	947	939	915	907	890	837
Production	Bil. kWh	753	1,055	1,532	1,918	2,124	2,206	2,247	2,286	2,295	2,241
Hydro	Bil. kWh	146	194	248	300	220	280	280	276	261	309
Steam conventional	Bil. kWh	602	852	1,241	1,417	1,619	1,613	1,680	1,731	1,736	1,633
Gas turbine	Bil. kWh			16	22	29	31	28	24	22	14
Steam nuclear	Bil. kWh	1	4	22	173	251	276	255	251	273	283
Internal combustion	Bil. kWh	4	5	6	6	5	5	4	4	3	2
Installed capacity	Mil. kW	168	236	342	508	560	579	598	614	635	650
Hydro	Mil. kW	32	44	55	66	69	71	75	76	77	78
Steam conventional	Mil. kW	133	188	260	353	388	400	412	425	440	452
Gas turbine	Mil. kW			15	44	48	49	51	51	51	52
Steam nuclear	Mil. kW	(Z)	1	6	40	50	54	55	56	61	63
Internal combustion	Mil. kW	3	3	4	5	5	6	5	6	6	5
ELECTRIC UTILITIES [4] CONSUMPTION OF FUELS											
Net generation by fuel [7]	Bil. kWh	607	861	1,284	1,618	1,904	1,926	1,968	2,010	2,034	1,932
Average annual change [2]	Percent	6.9	7.2	7.6	4.7	8.5	1.2	2.2	2.1	1.2	−5.0
Coal [8]	Bil. kWh	403	571	706	853	985	977	1,076	1,162	1,204	1,192
Percent of total	Percent	66.4	66.3	54.3	52.7	51.7	50.7	54.7	57.8	59.2	61.7
Fuel oil	Bil. kWh	46	65	182	289	358	364	303	246	206	146
Gas	Bil. kWh	158	221	373	300	306	305	329	346	346	305
Nuclear	Bil. kWh	1	4	22	173	251	276	255	251	273	283
Fuel consumed:											
Total coal equivalent	Mil. sh. tons	266	369	583	770	922	950	965	985	1,009	962
Coal, including lignite	Mil. sh. tons	177	245	321	406	477	482	527	569	597	594
Oil	Mil. bbl	85	115	336	506	624	636	523	420	351	250
Gas	Bil. cu. ft	1,724	2,321	3,932	3,158	3,191	3,188	3,491	3,682	3,640	3,226

NA Not available. Z Less than .5 million. [1] Beginning 1980, excludes industrial plants. [2] Change from prior year shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. [3] Plants of 100 kilowatts and over, including stationary powerplants of railroads. [4] For public use. [5] Includes small percentage from wood and waste, geothermal, and petroleum coke. [6] Each prime mover type in combination plants counted separately. [7] Includes limited output of wood, waste, and geothermal power. [8] Includes petroleum coke.

Source: 1960-1970, U.S. Federal Power Commission, *Electric Power Statistics,* and press releases; thereafter, U.S. Energy Information Administration, 1975-1980, *Power Production, Fuel Consumption, and Installed Capacity Data—Annual,* and unpublished data; thereafter, *Electric Power Annual,* and unpublished data.

No. 999. Electric Utility Industry—Capability, Peak Load, and Capability Margin: 1970 to 1982

[Excludes Alaska and Hawaii. Minus sign (–) indicates decrease]

Year	Capability			Peak load		Capability margin	
	Total (mil. kW)	Annual increase (mil. kW)	Percent annual increase [1]	Total (mil. kW)	Annual percent change [1]	Total (mil. kW)	Percent of capability
1970: Summer	326.9	26.6	8.9	274.7	6.6	52.3	16.0
December	339.1	27.6	8.9	248.6	5.1	90.5	26.7
1974: Summer	444.4	28.9	7.0	349.3	1.6	95.2	21.4
Winter	467.4	34.2	7.9	302.5	2.5	164.9	35.3
1975: Summer	479.3	34.9	7.9	356.8	2.2	122.5	25.6
Winter	492.5	25.1	5.4	331.1	9.5	161.4	32.8
1976: Summer	498.8	19.5	4.1	370.9	4.0	127.9	25.6
Winter	511.0	18.5	3.8	349.9	5.7	161.1	31.5
1977: Summer	516.0	17.3	3.5	396.4	6.9	119.7	23.2
Winter	537.6	26.6	5.2	360.2	2.9	177.4	33.0
1978: Summer	545.7	29.7	5.8	408.1	3.0	137.7	25.2
Winter	561.6	24.0	4.5	383.1	6.4	178.5	31.8
1979: Summer	558.3	12.6	2.2	411.6	.9	146.7	26.3
Winter	569.2	7.6	1.4	380.7	–.6	188.5	33.1
1980: Summer	558.5	.2	(Z)	427.1	3.8	131.5	23.5
Winter	572.2	3.0	.5	384.6	1.0	187.6	32.8
1981: Summer	572.1	13.5	2.4	428.3	.3	143.8	25.1
Winter	581.1	8.9	1.6	391.1	1.7	190.0	32.7
1982: Summer	577.8	5.8	1.1	414.9	–3.1	162.9	28.2
Winter	(NA)	(NA)	(NA)	373.3	–4.5	(NA)	(NA)

NA Not available. Z Less than .05 percent. [1] Percent change from previous year; e.g., 1970 from 1969 and 1974 from 1973.

Source: Edison Electric Institute, Washington, D.C., *1982 Statistical Year Book of the Electric Utility Industry* and *1983 Annual Electric Power Survey.*

No. 1000. Electric Energy—Production and Installed Generating Capacity, by States: 1975 to 1982

[Capacity as of **Dec. 31.** Covers utilities for public use]

Division and state	Production (bil. kWh)			Installed capacity (mil. kW)		
	1975	1980	1982	1975	1980	1982
U.S	**1,917.6**	**2,286.4**	**2,241.2**	**508.3**	**613.5**	**667.5**
N.E	**69.9**	**78.2**	**77.0**	**20.4**	**21.1**	**22.4**
Maine	7.9	7.9	8.3	1.7	2.4	2.9
N.H	4.7	6.0	4.8	1.6	1.6	1.6
Vt	4.5	3.8	5.1	.9	.9	.9
Mass	30.5	34.8	34.0	9.4	9.6	10.4
R.I	.8	1.0	.4	.3	.3	.3
Conn	21.4	24.7	24.4	6.4	6.3	6.2
M.A	**238.8**	**260.5**	**252.4**	**67.5**	**78.4**	**80.6**
N.Y	107.3	108.6	101.9	28.4	31.4	32.1
N.J	23.2	29.4	31.5	11.4	12.6	13.9
Pa	108.2	122.5	119.0	27.7	34.4	34.6
E.N.C	**356.4**	**397.0**	**368.7**	**91.5**	**107.9**	**114.9**
Ohio	102.6	110.2	105.2	24.8	27.4	28.6
Ind	59.4	70.6	63.8	13.4	17.1	20.1
Ill	92.8	103.4	93.7	25.6	29.9	31.4
Mich	68.2	74.8	68.7	18.9	22.7	23.5
Wis	33.5	37.8	37.4	8.9	10.7	11.4
W.N.C	**132.4**	**168.2**	**157.2**	**36.9**	**49.0**	**53.7**
Minn	25.3	31.5	28.5	6.8	8.8	9.2
Iowa	15.9	21.8	21.9	5.4	7.3	8.0
Mo	40.4	48.9	49.1	11.1	13.8	15.9
N. Dak	8.3	15.8	18.3	1.7	3.4	3.8
S. Dak	10.1	8.6	7.9	2.1	2.2	2.3
Nebr	13.3	16.3	18.3	3.8	5.1	6.0
Kans	19.1	25.1	23.2	6.0	8.3	8.5
S.A	**342.3**	**417.8**	**405.0**	**92.5**	**111.5**	**120.5**
Del	6.0	6.7	7.0	1.5	1.6	2.1
Md	26.9	32.2	29.8	7.6	9.2	10.0
D.C	1.2	.7	.1	1.3	1.2	.9
S.A.—Con.						
Va	35.3	34.3	36.6	9.7	11.7	12.0
W. Va	61.4	70.8	68.3	11.9	15.2	15.8
N.C	53.3	72.1	74.5	15.0	15.6	17.9
S.C	38.6	41.9	36.8	10.7	11.7	12.7
Ga	41.7	63.3	60.0	13.0	16.3	17.8
Fla	77.8	95.9	92.0	21.7	29.0	31.4
E.S.C	**171.8**	**214.1**	**209.3**	**46.1**	**53.3**	**60.2**
Ky	51.1	57.1	58.1	12.1	13.6	16.0
Tenn	54.6	60.2	59.5	14.3	15.9	18.5
Ala	54.7	78.3	74.7	15.2	18.2	19.5
Miss	11.4	18.5	17.0	4.6	5.5	6.2
W.S.C	**234.0**	**313.1**	**316.3**	**65.8**	**84.7**	**98.7**
Ark	13.7	19.7	23.5	4.9	7.2	8.2
La	39.2	45.7	41.5	11.6	12.9	16.9
Okla	33.3	44.6	44.9	7.9	11.3	12.5
Tex	147.8	203.0	206.4	41.4	53.3	61.2
Mt	**111.5**	**158.8**	**169.5**	**27.6**	**35.8**	**41.9**
Mont	11.9	15.5	14.8	2.4	3.2	3.2
Idaho	10.3	9.5	11.6	1.7	2.0	2.0
Wyo	11.9	22.4	27.5	2.8	4.1	5.9
Colo	16.6	23.6	25.6	4.3	6.1	6.9
N. Mex	19.7	24.7	23.8	4.1	5.0	5.6
Ariz	21.7	36.9	38.7	7.5	9.4	11.2
Utah	5.8	12.1	11.9	1.2	2.1	2.6
Nev	13.7	14.1	15.6	3.5	3.9	4.3
Pac	**260.6**	**278.8**	**275.7**	**60.0**	**71.9**	**74.5**
Wash	93.0	92.3	96.7	16.8	23.0	21.8
Oreg	34.5	36.6	50.8	7.6	8.5	10.9
Calif	125.4	140.3	118.3	33.7	37.8	38.8
Alaska	2.2	3.1	3.6	.7	1.1	1.3
Hawaii	5.5	6.5	6.4	1.2	1.4	1.7

Source: U.S. Energy Information Administration, 1975 and 1980, *Power Production, Fuel Consumption, and Installed Capacity Data—Annual;* thereafter, *Electric Power Annual.*

No. 1001. Privately and Publicly Owned Electric Utility Generating Plants—Number and Capacity, by Type and Size of Prime Mover: 1970 to 1982

[Capacity as of **Dec. 31.** Each prime mover type in combination plants is counted separately]

Type and size of prime mover	Privately owned						Publicly owned					
	Number of prime movers			Capacity (mil. kW)			Number of prime movers			Capacity (mil. kW)		
	1970	1980	1982	1970	1980	1982	1970	1980	1982	1970	1980	1982
Total	**2,037**	**2,094**	**2,067**	**262.8**	**477.0**	**499.1**	**1,496**	**1,481**	**1,448**	**78.8**	**136.6**	**151.0**
Steam conventional	672	626	615	222.4	361.4	378.5	326	308	301	37.7	63.1	73.5
Under 100,000 kW	220	134	120	8.2	5.6	5.4	254	195	178	6.9	6.2	6.0
100,000–500,000 kW	299	239	232	77.1	64.0	62.4	58	75	79	12.3	17.4	18.9
Over 500,000 kW	153	253	263	137.1	291.8	310.7	14	38	44	18.5	39.6	48.5
Steam, nuclear	15	43	44	5.7	48.0	52.0	1	8	9	.8	8.5	11.0
Over 500,000 kW	7	37	39	4.5	46.8	50.9	1	7	8	.8	8.5	11.0
Hydro	754	732	739	18.9	24.2	24.6	434	410	429	36.3	52.1	53.5
Over 25,000 kW	165	173	173	15.6	21.0	21.4	164	186	191	35.1	51.0	52.3
Gas turbine	265	411	407	14.4	41.6	42.4	58	130	134	1.1	9.1	9.4
Over 25,000 kW	126	281	284	12.1	39.4	40.3	12	65	66	.4	8.0	8.3
Internal combustion	331	282	262	1.3	1.8	1.6	677	625	575	3.0	3.7	3.5
Under 5,000 kW	238	166	150	.5	.4	.3	471	358	322	1.0	.7	.7
Over 5,000 kW	93	116	112	.9	1.5	1.3	206	267	253	2.0	3.0	2.9

Source: U.S. Energy Information Administration, unpublished data.

No. 1002. Electric Utilities—Balance Sheet and Income Account of Privately Owned Companies: 1960 to 1981

[**In billions of dollars.** As of **Dec. 31.** On the basis of both assets and revenues, these classes (A and B utilities) comprise nearly 100 percent of the privately-owned sector of the electric light and power industry. See also *Historical Statistics, Colonial Times to 1970,* series S 133–146 and V 197–212]

Item	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
COMPOSITE BALANCE SHEET											
Assets and other debits	**44.7**	**56.4**	**87.4**	**143.0**	**157.1**	**173.1**	**192.1**	**211.1**	**234.8**	**260.0**	**286.0**
Electric utility plant [1]	45.5	59.7	93.3	146.0	160.7	177.6	196.8	218.0	242.3	266.9	292.7
Depreciation and amortization	*8.9*	*13.6*	*20.3*	*28.9*	*31.9*	*35.6*	*39.8*	*44.5*	*49.7*	*55.5*	*61.5*
Net electric utility plant	36.6	46.1	73.1	117.1	128.8	142.0	157.0	173.5	192.6	211.5	231.2
Other utility plant	4.9	6.6	9.0	11.3	11.7	12.1	12.6	13.2	13.9	14.8	15.7
Depreciation and amortization	*1.0*	*1.4*	*2.1*	*2.9*	*3.1*	*3.4*	*3.7*	*3.9*	*4.2*	*4.5*	*4.9*
Net other utility plant	3.9	5.2	6.9	8.4	8.6	8.7	9.0	9.3	9.7	10.3	10.8
Total utility plant	50.3	66.3	102.3	157.3	172.4	189.7	209.4	231.2	256.2	281.7	308.4
Depreciation and amortization	*9.9*	*15.0*	*22.3*	*31.7*	*35.0*	*38.9*	*45.5*	*48.4*	*53.9*	*60.0*	*66.4*
Net total utility plant	40.5	51.3	79.9	125.6	137.4	150.7	166.0	182.8	202.3	221.7	242.0
Other property and investments	1.0	1.2	1.7	4.0	4.5	4.8	5.6	6.4	6.0	6.5	7.9
Current and accrued assets	3.1	3.6	5.3	11.9	13.5	15.6	18.2	18.9	22.4	26.2	28.7
Deferred debits	.2	.2	.4	1.6	1.7	2.0	2.3	3.0	4.1	5.5	7.3
Liabilities and other credits [2]	**44.7**	**56.4**	**87.4**	**143.0**	**157.1**	**173.1**	**192.1**	**211.1**	**234.8**	**260.0**	**286.0**
Capital stock	13.3	15.7	20.8	34.0	37.8	41.6	45.6	49.1	53.8	59.3	63.9
Other paid-in capital	1.7	2.6	4.4	9.4	11.5	13.4	15.6	17.9	19.4	21.5	24.0
Retained earnings	3.7	5.7	9.4	13.3	14.7	16.2	17.8	19.4	21.0	22.7	25.0
Subsidiary earnings [3]	(x)	(x)	(x)	.5	.6	.7	.8	.9	1.0	1.1	1.3
Long-term debt	21.0	25.5	41.9	64.5	70.8	76.2	82.2	88.3	95.7	105.3	115.5
Current and accrued liabilities	3.1	4.2	7.3	15.2	13.7	14.1	16.0	18.3	23.4	26.3	28.4
Deferred credits and operating reserves	.3	.5	.9	1.9	2.7	4.0	5.7	7.1	8.7	9.8	11.5
Deferred income taxes [4]	1.3	1.8	2.2	4.2	5.4	6.8	8.3	10.0	11.9	14.1	16.7
COMPOSITE INCOME ACCOUNTS											
Electric operating revenues	10.1	13.4	19.8	37.2	44.6	50.6	58.9	65.4	72.9	87.1	102.3
Electric operating expenses	7.9	10.3	15.3	30.1	36.1	41.1	48.6	54.3	61.0	73.4	86.0
Net electric operating revenues	2.2	3.1	4.5	7.1	8.5	9.4	10.3	11.1	11.8	13.6	16.3
Other utility operating income	.2	.3	.4	.5	.5	.6	.6	.7	.7	.7	.9
Total utility operating income	2.4	3.4	4.9	7.6	9.0	10.1	10.9	11.7	12.5	14.4	17.0
Other income	.2	.2	.8	2.0	2.2	2.5	2.2	2.5	3.1	3.6	4.4
Total income	2.6	3.6	5.7	9.6	11.3	12.5	13.0	14.3	15.6	18.0	21.4
Income deductions	.8	1.0	2.3	4.5	5.1	5.4	5.0	5.5	6.1	7.3	8.7
Net income [5]	1.8	2.6	3.4	5.5	6.1	7.2	8.0	8.7	9.5	10.7	12.7

X Not applicable. [1] Includes construction work in progress. [2] Includes contributions in aid of construction through 1970. [3] Unappropriated undistributed. [4] Cumulative. [5] Beginning 1974, includes net extraordinary income.

Source: 1960–1975, U.S. Federal Power Commission; thereafter, U.S. Energy Information Administration, *Statistics of Privately Owned Electric Utilities in the United States,* annual.

No. 1003. Electric Energy Sales, by Class of Service, and State: 1982

[In billions of kilowatthours]

Division and State	Total [1]	Residential	Commercial	Industrial	Division and State	Total [1]	Residential	Commercial	Industrial
Total	**2,086.4**	**729.5**	**526.4**	**744.9**	**S.A.—Con.**				
N.E.	**80.0**	**29.7**	**25.2**	**22.9**	Va	51.2	20.3	12.7	12.3
Maine	8.7	3.2	1.6	3.7	W. Va	20.8	6.6	4.0	9.9
N.H	6.0	2.5	1.2	2.3	N.C	62.3	24.0	14.7	22.6
Vt	3.8	1.7	.7	1.2	S.C	40.3	13.5	8.1	17.6
Mass	34.5	12.0	12.5	8.7	Ga	52.6	20.1	12.7	19.0
R.I	4.9	1.8	1.7	1.2	Fla	92.5	45.1	29.6	14.7
Conn	22.1	8.5	7.4	5.9	**E.S.C**	**180.9**	**63.8**	**35.9**	**77.2**
M.A	**249.3**	**77.9**	**72.1**	**86.0**	Ky	47.1	13.7	7.2	24.4
N.Y	106.0	30.6	33.6	30.5	Tenn	65.8	24.6	14.8	25.5
N.J	48.8	15.8	17.3	15.2	Ala	45.1	15.8	8.6	20.0
Pa	94.6	31.5	21.2	40.3	Miss	23.0	9.7	5.3	7.4
E.N.C	**356.5**	**116.0**	**82.2**	**142.4**	**W.S.C**	**300.9**	**101.5**	**67.7**	**119.7**
Ohio	101.9	32.8	22.6	42.6	Ark	22.3	8.6	4.4	8.6
Ind	58.9	19.3	10.4	28.3	La	56.7	18.0	10.0	24.7
Ill	92.4	28.6	25.7	30.4	Okla	35.8	14.1	8.7	10.3
Mich	65.6	21.3	14.4	27.6	Tex	186.1	60.7	44.6	76.1
Wis	37.6	14.0	9.1	13.4	**Mt**	**116.8**	**39.1**	**32.0**	**41.4**
W.N.C	**149.1**	**58.8**	**35.5**	**49.4**	Mont	10.3	3.2	2.2	4.8
Minn	33.9	12.8	5.6	14.3	Idaho	16.1	5.5	4.3	6.0
Iowa	26.4	10.2	5.9	9.3	Wyo	8.1	1.8	1.4	4.7
Mo	41.9	16.7	11.2	12.4	Colo	23.7	9.1	9.5	4.7
N. Dak	6.0	2.9	1.1	1.7	N. Mex	8.8	2.4	2.3	2.9
S. Dak	5.1	2.6	1.1	1.3	Ariz	26.9	9.5	8.3	8.1
Nebr	14.0	5.8	3.9	3.5	Utah	12.4	3.8	2.5	5.4
Kans	21.8	7.7	6.8	6.9	Nev	10.6	3.8	1.6	4.9
S.A	**366.9**	**144.8**	**94.6**	**114.3**	**Pac**	**285.9**	**98.1**	**81.2**	**91.7**
Del	5.1	1.5	1.3	2.1	Wash	75.5	29.2	14.2	28.2
Md. [2]	42.2	13.6	11.6	16.2	Oreg	34.8	13.8	8.6	11.8
					Calif	165.8	51.9	56.4	47.3
					Alaska	3.3	1.4	.6	1.1
					Hawaii	6.5	1.8	1.3	3.2

[1] Includes other service, not shown separately. [2] Includes District of Columbia.

Source: U.S. Energy Information Administration, *Electric Power Annual.*

No. 1004. Electric Light and Power Industry—Energy Generated, Sales, Revenue, and Customers: 1960 to 1982

[Sales and revenue are to and from ultimate customers]

Class	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Energy generated [1]	Bil. kWh	753	1,055	1,532	1,918	2,038	2,124	2,206	2,247	2,286	2,295	2,241
Sales [2]	**Bil. kWh**	**683**	**953**	**1,391**	**1,733**	**1,850**	**1,951**	**2,018**	**2,084**	**2,126**	**2,151**	**2,094**
Residential or domestic	Bil. kWh	196	281	448	586	613	652	679	696	734	730	729
Percent of total	Percent	28.7	29.5	32.2	33.8	33.2	33.4	33.6	33.4	34.5	34.0	34.8
Commercial [3]	Bil. kWh	115	202	313	418	441	469	481	495	524	522	514
Industrial [4]	Bil. kWh	345	433	573	662	725	757	782	818	794	820	771
Revenue [2]	**Bil. dol**	**11.5**	**15.2**	**22.1**	**46.9**	**53.5**	**62.6**	**69.9**	**79.6**	**95.5**	**110.6**	**121.1**
Residential or domestic	Bil. dol	4.9	6.3	9.4	18.8	21.1	24.7	27.4	31.0	37.6	42.4	47.0
Percent of total	Percent	42.2	41.8	42.7	40.1	39.6	39.4	39.2	38.9	39.4	38.3	38.8
Commercial [3]	Bil. dol	2.8	4.3	6.3	13.5	15.2	18.0	19.7	22.3	27.4	31.3	33.9
Industrial [4]	Bil. dol	3.3	3.9	5.4	12.7	15.0	17.6	20.3	23.8	27.3	33.0	35.9
Ultimate customers, Dec. 31 [2]	**Million**	**58.9**	**65.6**	**72.5**	**81.8**	**83.6**	**85.6**	**87.7**	**89.8**	**92.7**	**94.0**	**95.3**
Residential or domestic	Million	51.4	57.6	64.0	72.6	74.2	75.9	77.8	79.6	82.2	83.3	84.4
Commercial [3]	Million	6.8	7.4	7.9	8.6	8.8	8.9	9.1	9.4	9.7	9.8	10.0
Industrial [4]	Million	.5	.3	.4	.4	.4	.4	.5	.5	.5	.5	.5
Avg. kWh used per customer	**1,000**	**11.7**	**14.7**	**19.4**	**21.4**	**22.4**	**23.1**	**23.3**	**23.5**	**23.2**	**23.0**	**22.1**
Residential	1,000	3.9	4.9	7.1	8.2	8.4	8.7	8.8	8.8	9.0	8.8	8.7
Commercial [3]	1,000	17.0	27.4	40.0	49.0	50.7	52.9	53.1	53.2	54.5	53.4	52.0
Avg. annual bill per customer	**Dollar**	**198**	**234**	**308**	**578**	**646**	**740**	**807**	**897**	**1,040**	**1,184**	**1,280**
Residential	Dollar	95	111	148	262	288	329	357	391	462	512	561
Commercial [3]	Dollar	418	584	803	1,582	1,755	2,031	2,176	2,394	2,848	3,207	3,429
Avg. revenue per kWh sold	**Cents**	**1.69**	**1.59**	**1.59**	**2.70**	**2.89**	**3.21**	**3.46**	**3.82**	**4.49**	**5.14**	**5.79**
Residential	Cents	2.47	2.25	2.10	3.21	3.45	3.78	4.03	4.43	5.12	5.80	6.45
Commercial [3]	Cents	2.46	2.13	2.01	3.23	3.46	3.84	4.10	4.50	5.22	6.00	6.60
Industrial [4]	Cents	.97	.90	.95	1.92	2.07	2.33	2.59	2.91	3.44	4.03	4.66

[1] Source: 1960–1975, U.S. Federal Power Commission; thereafter, U.S. Energy Information Administration, *Monthly Energy Review.* [2] Includes other types not shown separately. [3] Small light and power. [4] Large light and power.

Source: Except as noted, Edison Electric Institute, Washington, D.C., *Statistical Year Book.*

No. 1005. Privately Owned Gas Utility Industry—Balance Sheet and Income Account: 1960 to 1982

[**In millions of dollars.** Excludes Alaska for 1960. The gas utility industry consists of pipeline and distribution companies. Excludes operations of companies distributing gas in bottles or tanks. See also *Historical Statistics, Colonial Times to 1970*, series S 205-218]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
COMPOSITE BALANCE SHEET										
Assets, total [1]	**20,000**	**25,640**	**34,929**	**50,286**	**59,697**	**62,918**	**70,245**	**75,725**	**86,894**	**95,133**
Total utility plant	20,835	28,205	38,541	49,384	55,020	59,033	62,710	66,767	72,917	78,636
Depreciation and amortization	*4,570*	*7,205*	*10,696*	*16,779*	*20,586*	*22,861*	*24,400*	*26,062*	*28,908*	*31,439*
Utility plant (net)	16,265	21,000	27,845	32,605	34,434	36,172	38,310	40,705	44,009	47,197
Investment and fund accounts [1]	1,380	1,885	3,024	9,198	12,513	12,805	14,097	15,625	19,368	20,754
Current and accrued assets	2,185	2,545	3,674	7,543	11,194	12,129	15,427	17,211	20,563	23,593
Deferred debits [2]	170	210	386	940	1,556	1,815	2,411	2,184	2,954	3,589
Liabilities, total [1]	**20,000**	**25,640**	**34,929**	**50,286**	**59,697**	**62,918**	**70,245**	**75,725**	**86,894**	**95,133**
Capitalization, total [1]	16,940	21,520	28,646	39,044	44,316	45,830	48,165	51,299	57,512	62,468
Capital stock [1]	7,810	10,005	12,965	19,500	23,840	25,585	27,135	29,262	33,041	36,267
Long-term debts	9,130	11,515	15,681	19,544	20,476	20,245	21,030	22,037	24,471	26,201
Current and accrued liabilities	2,420	3,035	4,832	8,158	10,636	11,704	16,024	18,107	22,134	23,839
Deferred income taxes [3]	350	660	788	2,052	2,794	2,991	3,798	4,144	4,972	5,485
Other liabilities and credits	290	425	663	1,032	1,951	2,393	2,257	2,175	2,276	3,341
COMPOSITE INCOME ACCOUNT										
Operating revenues, total	8,696	11,525	16,380	30,550	46,309	52,995	66,931	85,807	101,593	115,875
Operating expenses [4]	7,587	10,063	14,306	27,480	42,685	49,272	62,887	81,517	96,917	110,451
Operation and maintenance	5,951	7,973	11,636	22,957	36,958	43,108	56,281	74,433	89,108	101,721
Federal, State, and local taxes	1,058	1,292	1,569	2,763	3,719	3,980	4,294	4,653	5,056	5,708
Operating income	1,109	1,462	2,074	3,070	3,624	3,723	4,043	4,290	4,676	5,424
Utility operating income	1,137	1,503	2,159	3,221	3,776	3,944	4,296	4,633	5,087	5,832
Income before interest charges [1]	1,247	1,660	2,457	4,137	4,996	5,385	6,303	7,112	8,369	8,756
Net income [1]	830	1,107	1,427	2,502	3,193	3,443	4,208	4,377	5,145	5,081
Dividends	581	781	1,006	1,509	1,959	2,117	2,362	2,566	3,064	3,302

[1] Beginning 1975, not comparable with earlier years due to Federal Power Commission ruling requiring adoption of the equity method in reporting earnings of subsidiaries. [2] Includes capital stock discount and expense and reacquired securities. [3] Includes reserves for deferred income taxes. [4] Includes expenses not shown separately.

No. 1006. Gas Utility Industry—Summary: 1960 to 1982

[1960 excludes Alaska. Covers natural, manufactured, mixed, and liquid petroleum gas. Based on questionnaire mailed to all privately and municipally owned gas utilities in U.S., except those with annual revenues less than $25,000. See also *Historical Statistics, Colonial Times to 1970*, series S 190-204]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Customers [1]	**1,000**	**33,054**	**37,338**	**41,482**	**44,555**	**45,274**	**45,789**	**46,478**	**47,225**	**47,947**	**48,417**
Residential	1,000	30,418	34,341	38,097	40,950	41,682	42,183	42,821	43,489	44,149	44,554
Commercial	1,000	2,458	2,790	3,131	3,367	3,371	3,370	3,423	3,500	3,564	3,631
Industrial and other	1,000	178	207	254	237	220	236	234	236	234	232
Sales [2]	**Tril. Btu** [3]	**9,288**	**11,980**	**16,044**	**14,863**	**14,341**	**14,748**	**15,440**	**15,413**	**15,375**	**14,281**
Residential	Tril. Btu	3,188	3,999	4,923	4,991	4,946	5,107	5,083	4,826	4,610	4,770
Percent of total	Percent	34.3	33.4	30.7	33.6	34.5	34.6	32.9	31.3	30.0	33.4
Commercial	Tril. Btu	920	1,345	2,007	2,387	2,409	2,500	2,486	2,453	2,376	2,471
Industrial	Tril. Btu	4,710	6,146	8,439	6,837	6,711	6,841	7,555	7,957	8,239	6,892
Other	Tril. Btu	470	490	674	648	275	301	316	177	150	148
Revenues [2]	**Mil. dol**	**5,617**	**7,407**	**10,283**	**19,101**	**28,303**	**32,150**	**38,947**	**48,303**	**56,110**	**63,391**
Residential	Mil. dol	3,177	4,030	5,207	8,445	11,541	12,939	14,833	17,432	19,180	23,701
Percent of total	Percent	56.6	54.4	50.6	44.2	40.8	40.2	38.1	36.1	34.2	37.4
Commercial	Mil. dol	723	1,054	1,620	3,302	4,980	5,696	6,624	8,193	9,286	11,666
Industrial	Mil. dol	1,563	2,148	3,181	6,745	11,385	13,065	16,961	22,215	27,124	27,389
Other	Mil. dol	153	176	274	608	397	450	530	473	520	635
Prices per mil. Btu [3]	**Dollars**	**.60**	**.62**	**.64**	**1.29**	**1.97**	**2.18**	**2.52**	**3.13**	**3.65**	**4.44**
Residential	Dollars	1.00	1.01	1.06	1.69	2.33	2.53	2.92	3.61	4.16	4.97
Commercial	Dollars	.79	.78	.81	1.38	2.07	2.28	2.66	3.34	3.91	4.72
Industrial	Dollars	.33	.35	.38	.99	1.70	1.91	2.24	2.79	3.29	3.97
Gas mains mileage	**1,000**	**631**	**768**	**913**	**980**	**998**	**1,013**	**1,030**	**1,052**	**1,070**	**1,083**
Field and gathering	1,000	56	62	66	68	71	75	78	84	86	90
Transmission	1,000	184	211	252	263	260	261	263	266	270	272
Distribution	1,000	391	495	595	649	667	678	688	702	714	721
Construction expenditures [4]	**Mil. dol**	**1,845**	**1,935**	**2,506**	**2,466**	**2,833**	**3,581**	**4,366**	**5,350**	**6,389**	**5,939**
Transmission	Mil. dol	848	770	1,019	590	670	935	1,226	1,583	2,352	1,921
Distribution	Mil. dol	696	824	913	910	1,048	1,228	1,448	1,869	1,995	1,861
Production and storage	Mil. dol	216	225	370	831	943	1,202	1,406	1,546	1,672	1,690

[1] Annual average. [2] Excludes sales for resale. [3] For definition, see text, p. 571. [4] Includes general.

Source of tables 1005 and 1006: American Gas Association, Arlington, Va., *Gas Facts*, annual. (Copyright.)

No. 1007. Gas Utility Industry—Customers, Sales, and Revenues, by Class of Service, and States: 1982

[See headnote, table 1006]

Division and State	Customers [1] (1,000)				Sales [3] (trillion Btu [4])				Revenues [3] (mil. dol.)			
	Total [2]	Residential	Commercial	Industrial	Total [2]	Residential	Commercial	Industrial	Total [2]	Residential	Commercial	Industrial
U.S	**48,417**	**44,554**	**3,631**	**186**	**14,281**	**4,770**	**2,471**	**6,892**	**63,391**	**23,701**	**11,666**	**27,389**
N. Eng	**1,775**	**1,632**	**131**	**9**	**324**	**150**	**100**	**72**	**2,198**	**1,146**	**644**	**393**
Maine	15	12	3	(Z)	3	1	1	1	19	5	9	5
N.H	53	46	6	(Z)	10	4	4	2	63	31	23	8
Vt	16	14	1	(Z)	5	2	1	2	30	11	6	12
Mass	1,098	1,016	74	5	199	94	64	39	1,315	701	401	200
R.I	176	163	12	1	28	15	5	8	201	118	38	45
Conn	417	381	34	2	79	34	25	20	570	280	167	123
Mid. Atl	**8,203**	**7,604**	**565**	**24**	**1,641**	**786**	**324**	**495**	**8,983**	**4,722**	**1,770**	**2,305**
N.Y	3,963	3,705	240	11	650	353	124	148	3,730	2,211	676	710
N.J	1,870	1,688	175	7	334	152	80	102	2,047	1,038	499	510
Pa	2,370	2,211	150	6	657	281	120	245	3,206	1,473	595	1,085
E. No. Cent	**10,941**	**10,097**	**793**	**48**	**3,342**	**1,518**	**697**	**1,116**	**14,487**	**6,935**	**3,000**	**4,508**
Ohio	2,767	2,563	195	7	790	379	159	246	3,599	1,816	720	1,031
Ind	1,282	1,174	103	5	467	165	72	227	1,798	686	283	821
Ill	3,326	3,060	247	18	1,050	494	238	317	4,401	2,161	967	1,272
Mich	2,497	2,324	163	10	724	361	171	191	3,149	1,606	752	790
Wis	1,069	976	85	8	311	119	57	135	1,540	666	278	594
W. No. Cent	**4,252**	**3,836**	**400**	**14**	**1,224**	**490**	**295**	**434**	**5,169**	**2,282**	**1,250**	**1,622**
Minn	856	778	73	5	252	107	50	95	1,154	532	238	382
Iowa	759	676	81	2	231	86	53	92	966	398	228	340
Mo	1,224	1,129	93	1	285	140	88	55	1,334	701	406	222
N. Dak	91	80	11	(Z)	24	11	12	1	106	51	49	6
S. Dak	107	95	12	(Z)	25	12	8	5	108	54	34	20
Nebr	456	395	59	1	133	51	35	47	501	215	127	159
Kans	759	683	71	5	274	83	49	139	1,000	331	168	493
So. Atl	**4,194**	**3,839**	**335**	**14**	**1,229**	**339**	**240**	**641**	**5,692**	**1,875**	**1,190**	**2,590**
Del	84	78	5	(Z)	24	7	4	12	127	40	21	62
Md	788	732	51	5	155	69	31	55	865	418	174	272
D.C	147	132	15	-	29	13	16	-	183	85	98	-
Va	542	495	45	2	140	47	38	53	715	277	200	226
W. Va	393	361	32	(Z)	113	45	22	46	537	225	106	206
N.C	395	348	44	2	141	32	25	83	668	175	124	366
S.C	312	277	30	1	100	19	17	64	454	101	78	272
Ga	1,083	1,003	77	2	292	93	58	141	1,262	462	253	546
Fla	450	413	36	1	235	14	29	187	881	92	136	640
E. So. Cent	**2,234**	**2,016**	**202**	**6**	**710**	**189**	**111**	**395**	**2,924**	**887**	**486**	**1,493**
Ky	643	584	56	1	156	68	30	53	682	310	134	215
Tenn	520	451	63	2	196	43	41	109	776	182	179	407
Ala	674	623	46	2	192	51	26	115	826	265	113	446
Miss	397	358	37	1	166	27	14	118	640	130	60	425
W. So. Cent	**5,712**	**5,208**	**473**	**24**	**3,243**	**420**	**245**	**2,528**	**12,006**	**1,918**	**1,038**	**8,856**
Ark	514	454	58	2	210	46	30	134	703	172	105	426
La	1,017	945	68	2	463	68	26	353	1,723	330	124	1,214
Okla	862	779	79	3	454	81	46	327	1,296	273	152	869
Tex	3,319	3,030	268	17	2,116	225	143	1,714	8,284	1,143	657	6,347
Mt	**2,842**	**2,577**	**253**	**7**	**709**	**257**	**158**	**277**	**2,993**	**1,194**	**716**	**1,012**
Mont	187	165	21	(Z)	50	21	14	12	231	89	67	64
Idaho	112	96	15	(Z)	34	7	9	18	183	47	49	86
Wyo	129	114	14	(Z)	53	15	9	28	198	65	38	87
Colo	908	810	96	2	200	85	64	50	916	418	293	202
N. Mex	344	308	31	3	100	29	15	46	390	133	64	154
Ariz	588	543	43	2	113	31	22	58	500	173	101	218
Utah	393	366	27	(Z)	110	52	16	42	337	178	55	104
Nev	181	175	6	(Z)	49	17	9	23	238	91	49	97
Pac	**8,264**	**7,745**	**479**	**40**	**1,859**	**621**	**301**	**934**	**8,939**	**2,742**	**1,572**	**4,610**
Wash	384	337	44	3	113	31	31	51	651	197	185	267
Oreg	287	251	35	1	68	19	17	32	402	130	103	169
Calif	7,510	7,084	393	33	1,638	560	248	828	7,790	2,385	1,267	4,125
Alaska	50	44	5	1	37	10	4	22	48	19	6	23
Hawaii	33	29	2	2	3	1	1	1	48	11	11	26

- Represents zero. Z Fewer than 500. [1] Averages for the year. [2] Includes other service, not shown separately.
[3] Excludes sales for resale. [4] For definition, see headnote, table 976.

Source: American Gas Association, Arlington, Va., *Gas Facts*, annual. (Copyright.)

No. 1008. Gas Utility Industry—Prices, by State: 1982

[In dollars per million Btu. For definition of Btu, see headnote, table 976. Excludes sales for resale]

STATE	Total	Residential	Commercial	Industrial	STATE	Total	Residential	Commercial	Industrial	STATE	Total	Residential	Commercial	Industrial
U.S	4.44	4.97	4.72	3.97	Kans	3.65	3.99	3.43	3.55	N. Dak	4.36	4.61	4.18	4.02
					Ky	4.35	4.53	4.43	4.10	Ohio	4.56	4.80	4.53	4.20
Ala	4.31	5.24	4.41	3.88	La	3.73	4.87	4.66	3.44	Okla	2.85	3.39	3.30	2.66
Alaska	1.32	1.83	1.57	1.04	Maine	7.12	8.31	7.05	6.39	Oreg	5.91	6.64	6.11	5.35
Ariz	4.43	5.49	4.62	3.79	Md	5.58	6.08	5.56	4.97	Pa	4.88	5.24	4.95	4.42
Ark	3.35	3.73	3.56	3.17	Mass	6.62	7.47	6.32	5.10	R.I	7.07	7.69	7.36	5.68
Calif	4.76	4.26	5.12	4.98	Mich	4.35	4.44	4.39	4.14	S.C	4.54	5.42	4.55	4.27
Colo	4.57	4.93	4.54	4.03	Minn	4.58	4.98	4.75	4.04	S. Dak	4.32	4.67	4.12	3.84
Conn	7.21	8.35	6.68	5.99	Miss	3.86	4.72	4.47	3.60	Tenn	3.97	4.27	4.33	3.72
Del	5.32	5.85	5.53	5.15	Mo	4.69	5.00	4.63	4.02	Tex	3.92	5.08	4.58	3.70
D.C	6.36	6.56	6.19	(X)	Mont	4.66	4.22	4.60	5.49	Utah	3.06	3.42	3.47	2.47
Fla	3.76	6.51	4.63	3.41	Nebr	3.78	4.18	3.66	3.41	Vt	6.46	7.48	7.08	5.50
Ga	4.32	4.97	4.36	3.87	Nev	4.80	5.30	5.56	4.15	Va	5.10	5.84	5.31	4.28
Hawaii	14.97	17.28	14.01	14.56	N.H	6.06	6.52	6.12	4.67	Wash	5.76	6.46	5.87	5.27
Idaho	5.30	6.45	5.52	4.72	N.J	6.14	6.84	6.24	5.00	W. Va	4.73	4.97	4.77	4.49
Ill	4.19	4.38	4.06	4.01	N. Mex	3.92	4.64	4.27	3.36	Wis	4.95	5.57	4.91	4.41
Ind	3.86	4.17	3.96	3.61	N.Y	5.73	6.26	5.46	4.81	Wyo	3.74	4.40	4.31	3.14
Iowa	4.18	4.64	4.28	3.69	N.C	4.74	5.42	4.96	4.41					

X Not applicable.

Source: American Gas Association, Arlington, Va., *Gas Facts,* annual (copyright).

No. 1009. Water Power—Developed and Undeveloped Capacity, by Division: 1950 to 1981

[In millions of kilowatts. As of **Dec. 31.** Excludes Alaska and Hawaii for 1950 and all capacity of reversible equipment at pumped storage projects (13.1 million kW in 1981). Also excludes capacity precluded from development due to wild and scenic river legislation. See also *Historical Statistics, Colonial Times to 1970,* series S 160-175]

DIVISION	DEVELOPED INSTALLED CAPACITY[1]							ESTIMATED UNDEVELOPED CAPACITY						
	1950	1960	1965	1970	1975	1980	1981	1950	1960	1965	1970	1975	1980	1981
U.S	**18.7**	**33.2**	**44.5**	**52.0**	**57.0**	**64.4**	**65.5**	**87.6**	**114.2**	**124.1**	**128.0**	**113.7**	**129.9**	**108.7**
New England	1.2	1.5	1.5	1.5	1.5	1.5	1.5	3.3	2.9	3.2	3.3	3.3	4.7	4.6
Middle Atlantic	1.7	2.5	4.8	4.3	4.2	4.3	4.3	6.6	7.6	5.0	4.5	4.3	5.1	5.3
E. No. Central	.9	.9	.9	.9	.9	.9	1.0	2.3	3.0	1.4	1.6	1.4	2.0	2.0
W. No. Central	.6	1.6	3.0	2.7	2.8	2.8	2.8	5.8	6.4	4.1	4.4	2.1	3.4	3.4
South Atlantic	2.8	3.8	5.2	5.3	5.8	5.9	6.0	8.2	8.4	10.0	9.6	8.4	9.6	8.9
E. So. Central	2.7	3.8	4.5	5.2	5.5	5.6	5.6	4.7	4.6	4.3	3.8	3.1	3.3	2.7
W. So. Central	.5	.9	1.7	1.9	2.3	2.3	2.3	3.6	3.9	3.1	3.3	2.7	4.7	4.6
Mountain	2.3	4.6	5.6	6.2	6.9	7.4	7.7	23.4	23.6	26.5	26.7	19.6	34.2	20.6
Pacific	6.0	13.6	17.4	23.9	27.2	33.7	34.3	29.8	53.8	66.5	70.9	68.8	62.9	56.6

Source: 1950–1975, U.S. Federal Power Commission, *Hydroelectric Power Resources of the United States, Developed and Undeveloped,* Jan. 1, 1976; thereafter, U.S. Federal Energy Regulatory Commission, *Hydroelectric Power Resources of the United States, Developed and Undeveloped,* Jan. 1, 1980, and unpublished data.

No. 1010. Solar Collector Shipments, by Type, End-Use, and Market Sector: 1974 to 1982

[In thousands of square feet, except number of manufacturers. Solar collector is a device for intercepting sunlight, converting the sunlight to heat, and carrying the heat to where it will be either used or stored]

YEAR	Number of manufacturers	Total shipments[1]	COLLECTOR TYPE		END USE			MARKET SECTOR		
			Low temperature	Medium temperature, special, other	Pool heating	Hot water	Space heating	Residential	Commercial	Industrial
1974	45	1,274	1,137	137	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1975	131	3,743	3,026	717	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1976	186	5,801	3,876	1,925	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1977	321	10,312	4,743	5,569	6,334	1,713	1,699	7,978	1,680	105
1978	340	10,860	5,672	4,988	5,970	2,513	1,736	8,095	1,848	263
1979	349	14,251	8,395	5,857	8,551	2,958	1,722	11,387	2,015	314
1980	276	19,398	12,233	7,165	12,029	4,790	1,688	16,077	2,417	488
1981	282	20,133	8,677	11,456	9,781	7,204	2,017	15,773	2,561	1,518
1982	273	18,617	7,476	11,140	7,035	7,445	2,361	13,725	4,789	560

NA Not available. [1] Includes other end uses and market sectors not shown separately.

Source: U.S. Energy Information Administration, *Solar Collector Manufacturing Activity,* semiannual.

No. 1011. Nuclear Power Plants—Number, Capacity, and Generation: 1965 to 1982

ITEM	1965	1970	1973	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Licensed reactors [1]	10	19	40	58	65	68	72	71	72	74	79
Capacity [1] (mil. kW)	.9	6.5	19.8	35.8	44.6	47.2	50.8	50.9	52.6	55.5	59.7
Percent of total electric utility capacity	.4	1.9	4.5	7.0	8.4	8.4	8.8	8.5	8.6	8.7	9.2
Electricity generated (bil. kWh)	4	22	84	173	191	251	276	255	251	273	283
Percent of total electric utility generation	.4	1.4	4.5	9.0	9.4	11.8	12.5	11.4	11.0	11.9	12.6

[1] As of yearend. Includes plants shut down permanently or for extended periods.

Source: U.S. Energy Information Administration, *Annual Energy Review.*

No. 1012. Commercial Nuclear Power Generation, by Country: 1970 to 1982

[Generation for **calendar years;** other data as of **December.** Excludes Communist countries]

COUNTRY	REACTORS				ELECTRICITY GENERATED [1] (bil. kWh)				GROSS CAPACITY (1,000 kW)			
	1970	1980	1981	1982	1970	1980	1981	1982	1970	1980	1981	1982
Total	**64**	**208**	**224**	**239**	**73.9**	**617.8**	**728.8**	**791.5**	**15,186**	**128,847**	**145,088**	**163,369**
U.S	15	74	77	81	23.2	265.2	288.6	298.9	5,211	56,529	61,036	65,420
Argentina	–	1	1	1	–	2.3	2.8	1.9	–	357	357	357
Belgium	1	3	3	5	.3	12.5	12.8	15.6	11	1,744	1,744	3,621
Brazil	–	–	–	1	–	–	–	.1	–	–	–	657
Canada	1	9	9	12	.9	40.4	43.3	42.6	220	5,588	5,588	7,597
China: Taiwan	–	2	3	4	–	8.2	10.7	13.1	–	1,272	2,257	3,242
Germany, F.R. of	4	11	11	12	5.3	43.7	53.3	63.4	907	8,996	8,996	10,316
Great Britain	27	33	33	32	26.5	37.2	38.9	44.1	4,783	9,012	9,012	8,979
Finland	–	4	4	4	–	7.0	14.5	16.5	–	2,296	2,296	2,296
France	4	22	30	32	5.7	61.2	105.2	108.9	1,606	15,412	23,068	27,633
India	2	4	4	4	2.2	2.9	3.1	2.2	400	860	860	860
Italy	3	4	4	3	3.3	2.2	2.7	6.8	631	1,490	1,490	1,330
Japan	3	22	23	25	3.3	81.0	83.5	104.5	828	15,117	15,676	17,342
Korea, Rep. of	–	1	1	1	–	3.5	2.9	3.8	–	587	587	587
Netherlands	1	2	2	2	.4	4.2	3.7	3.9	55	529	529	535
Pakistan	–	1	1	1	–	.1	.2	.1	–	137	137	137
Spain	1	3	4	4	.9	5.2	9.4	8.8	160	1,117	2,047	2,047
Sweden	1	8	9	10	(Z)	26.7	37.7	38.8	12	5,770	6,710	7,715
Switzerland	1	4	4	4	1.9	14.3	15.2	15.0	364	2,034	2,034	2,034
Yugoslavia	–	–	1	1	–	–	.3	2.5	–	–	664	664

– Represents zero. Z Less than 50 million kWh. [1] Gross.

Source: McGraw-Hill, Inc., New York, N.Y., *Nucleonics Week,* December issues. (Copyright.)

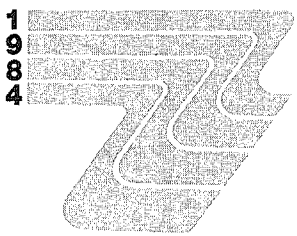
No. 1013. Uranium Supply, Enrichment, and Discharged Commercial Reactor Fuel: 1965 to 1982

[Years ending **Dec. 31.** Metric ton=1.102 short tons or .984 long ton]

ITEM	Unit	1965	1970	1975	1977	1978	1979	1980	1981	1982
URANIUM (U_3O_8)										
Production	Sh. tons	10,442	12,905	11,600	14,940	18,490	18,730	21,850	19,240	13,430
Exports	Sh. tons	–	2,100	500	2,000	3,400	3,100	2,900	2,200	1,900
Imports	Sh. tons	3,995	–	700	2,800	2,600	1,500	1,800	3,300	3,800
Delivered price	Dol./lb	(NA)	(NA)	10.50	19.75	21.60	23.85	26.00	32.20	39.97
ENRICHMENT										
Enriched product	Metric tons	146	1,548	2,707	3,117	3,023	3,507	2,955	2,742	3,243
For domestic customers	Metric tons	47	1,176	1,190	1,881	1,506	2,270	1,905	1,899	1,874
For foreign customers	Metric tons	99	372	1,517	1,236	1,517	1,237	1,050	843	1,369
Cost of services	Mil. dol	(NA)	83.8	562.6	659.1	877.2	1,234	1,360	1,445	2,185
DISCHARGED COMMERCIAL REACTOR FUEL [1]										
Annual discharge	Metric tons	(NA)	67	547	911	1,131	1,226	1,295	1,143	1,079
Inventory, yearend	Metric tons	(NA)	[2] 161	1,584	3,225	4,333	5,559	6,854	[3] 7,997	[3] 9,076
On-site storage	Metric tons	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7,258	8,337
Off-site storage	Metric tons	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	479	479

– Represents zero. NA Not available. [1] Uranium content. Source: Nuclear Assurance Corporation, Atlanta, Ga.
[2] Allows for reprocessing. [3] Does not include 260 MTU of reprocessed fuel.

Source: Except as noted, U.S. Energy Information Administration, *Annual Energy Review;* U.S. Dept. of Energy, *Statistical Data of the Uranium Industry, 1981;* and unpublished data.



Section 21

Science

This section presents statistics on scientific, engineering, and technological resources, with emphases on patterns of research and development (R&D) funding and on scientific, engineering, and technical personnel and education. Also included are statistics on space program outlays and accomplishments. Principal sources of these data are the National Science Foundation (NSF) and the National Aeronautics and Space Administration (NASA).

NSF gathers data chiefly through recurring surveys. Some current NSF publications containing data on funds for research and development and on scientific and engineering personnel include *Science Resources Studies Highlights* and the occasional bulletin series, *Reviews of Data on Science Resources;* and annual, biennial, and special reports such as *Federal Funds for Research and Development; Research and Development in Industry; National Patterns of Science and Technology Resources; Academic Science: R&D Funds, Scientists and Engineers, Graduate Enrollment and Support; Scientists and Engineers From Abroad; Federal Scientific and Technical Personnel; Federal Support to Universities, Colleges, and Selected Nonprofit Institutions; Characteristics of Doctoral Scientists and Engineers in the United States; U.S. Scientists and Engineers; Employment Attitudes of Recent Science and Engineering Graduates; Science and Engineering Employment; Characteristics of Experienced Scientists and Engineers; Scientists, Engineers, and Technicians in Private Industry; Science and Engineering Personnel: A National Overview;* and policy reports relating to national allocation of human resources and funds to science and technology. Statistical surveys in these areas pose particularly difficult problems of concept and definition and the data should, therefore, be regarded as broad estimates rather than precise quantitative statements. Detailed discussions of the scope and limitations of the data appear in the source publications.

The National Science Board's biennial *Science Indicators* publication contains data and analyses of international and domestic science and technology, including measures of their outputs and impacts. *The Budget of the United States Government,* published by the U.S. Office of Management and Budget, contains summary financial data on Federal R&D programs.

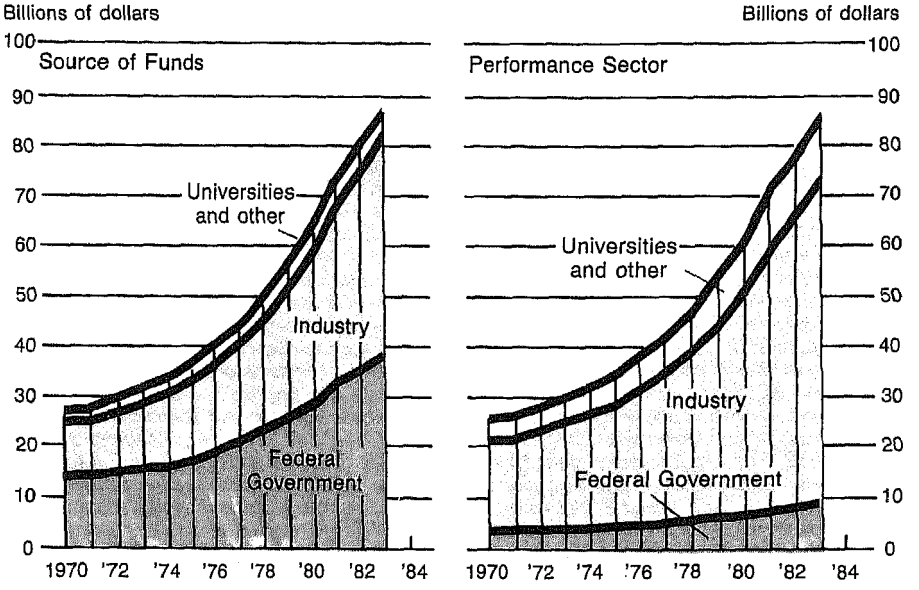
Research and development outlays.—NSF defines research as a "systematic and intensive study directed toward a fuller knowledge of the subject studied" and development as "the systematic use of scientific knowledge directed toward the production of useful materials, devices, systems, methods, or processes." National coverage of R&D expenditures is developed primarily from periodic surveys in four principal economic sectors: *(1) Government,* made up primarily of Federal executive agencies; *(2) industry,* consisting of manufacturing and nonmanufacturing firms and the federally funded research and development centers (FFRDC's) they administer; *(3) universities and colleges,* composed of universities, colleges, and their affiliated institutions, agricultural experiment stations, and associated schools of agriculture, and FFRDC's administered by educational institutions; and *(4) other nonprofit institutions,* consisting of such organizations as private philanthropic foundations, nonprofit research institutes, voluntary health agencies, and FFRDC's administered by nonprofit organizations. The R&D funds reported consist of current operating costs, including planning and administration costs, except as otherwise noted. They exclude funds for routine testing, mapping and surveying, collection of general-purpose data, dissemination of scientific information, and training of scientific personnel.

Scientists, engineers, and technicians.—Scientists and engineers are defined as persons engaged in scientific and engineering work at a level requiring a knowledge of sciences equivalent at least to that acquired through completion of a 4-year college course. Technicians are defined as persons engaged in technical work at a level requiring knowledge acquired through a technical institute, junior college, or other type of training less extensive than 4-year college training. Craftsmen and skilled workers are excluded.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 21.1

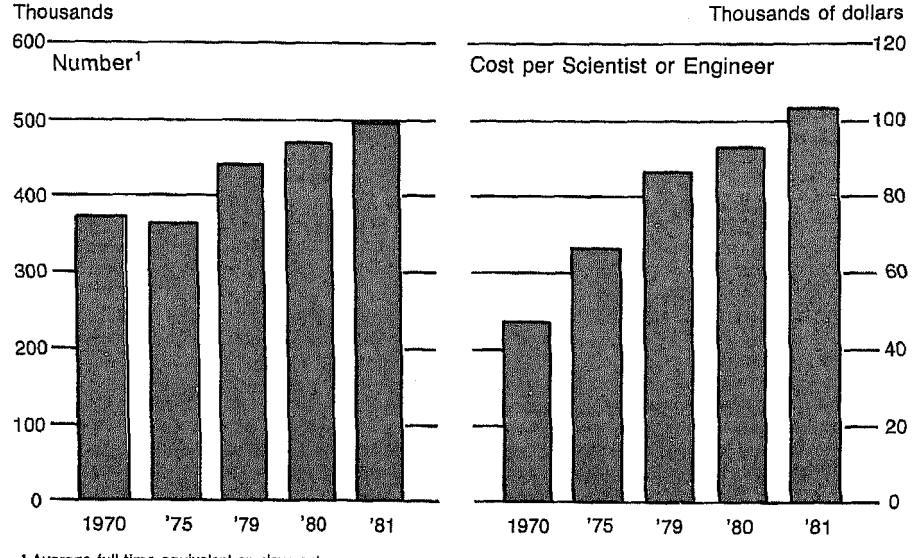
Research and Development Funds: 1970 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1015 and 1016.

Figure 21.2

Research and Development Scientists and Engineers in Private Industry: 1970 to 1981



[1] Average full-time equivalent employment.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1029.

No. 1014. Research and Development (R&D)—Outlays: 1955 to 1983

[Includes basic research, applied research, and development. Defense-related outlays comprise all research and development spending by Dept. of Defense, including space activities, and a portion of Department of Energy funds. Space-related outlays are those of the National Aeronautics and Space Administration: they exclude space activities of other Federal agencies, estimated at less than 5 percent of all space research and development spending. Minus sign (−) denotes decrease]

Year or period	Current dollars (bil. dol.)			Constant (1972) dollars		Annual percent change [3]		Percent of total R and D outlays					
								Federally funded defense-space-related			Other outlays		
	Total [1]	Defense space related	Other	Total (bil. dol.)	Percent of GNP [2]	Current dollars	Constant dollars	Total	Defense	Space	Total	Non-Federal	Federal
1955	6.2	3.0	3.1	10.1	1.5	9.4	7.2	49	48	1	51	43	8
1956	8.4	4.2	4.2	13.3	2.0	35.5	31.4	50	49	1	50	42	8
1957	9.8	5.3	4.5	15.0	2.2	16.9	13.0	54	53	1	47	38	9
1958	10.7	5.8	4.9	16.2	2.4	9.6	7.6	54	53	1	47	37	10
1959	12.4	7.0	5.3	18.3	2.5	15.4	12.8	57	54	3	43	35	8
1960	13.5	7.4	6.1	19.6	2.7	9.4	7.6	55	52	3	45	35	9
1961	14.3	8.0	6.3	20.6	2.7	5.9	4.8	56	50	6	44	35	9
1962	15.4	8.5	6.9	21.8	2.7	7.5	5.7	55	48	7	45	36	9
1963	17.1	9.4	7.7	23.7	2.9	10.8	9.1	55	41	14	45	34	11
1964	18.9	10.6	8.3	25.9	3.0	10.5	8.9	56	37	19	44	34	9
1965	20.0	10.8	9.2	26.9	2.9	6.3	4.0	54	33	21	46	35	11
1966	21.8	11.4	10.5	28.4	2.9	9.0	5.7	52	33	19	48	36	12
1967	23.1	11.3	11.8	29.2	2.9	6.0	2.8	49	35	14	51	38	13
1968	24.6	11.8	12.8	29.8	2.8	6.3	2.0	48	35	13	52	39	13
1969	25.6	11.5	14.1	29.6	2.7	4.2	−.8	45	34	11	55	42	13
1970	26.1	11.2	14.9	28.6	2.6	2.0	−3.3	43	33	10	57	43	14
1971	26.7	10.9	15.7	27.8	2.5	2.1	−2.8	41	32	9	59	44	15
1972	28.5	11.7	16.8	28.5	2.4	6.8	2.4	41	32	9	59	44	15
1973	30.7	11.7	19.0	29.1	2.3	7.9	2.4	38	30	8	62	47	15
1974	32.9	11.5	21.4	28.8	2.3	7.0	−1.3	35	27	8	65	49	16
1975	35.2	12.0	23.2	28.2	2.3	7.1	−2.1	34	26	8	66	49	17
1976	39.0	13.3	25.7	29.5	2.3	10.8	4.8	34	26	8	66	49	17
1977	42.8	14.1	28.7	30.5	2.2	9.8	3.5	33	26	7	67	49	18
1978	48.2	14.9	33.2	32.0	2.2	12.5	4.9	31	24	7	69	50	19
1979	55.0	16.5	38.5	33.6	2.3	14.1	5.0	30	23	7	70	51	19
1980	62.7	18.2	44.5	35.2	2.4	14.1	4.5	29	22	7	71	53	18
1981	72.1	22.4	49.8	36.9	2.5	15.0	5.0	31	24	7	69	53	16
1982	79.0	25.3	53.7	38.0	2.6	9.5	3.1	32	25	7	68	54	14
1983, est	86.5	29.4	57.1	39.6	2.7	9.5	4.1	34	27	7	66	54	12
Annual average:													
1960–1969	19.4	10.1	9.4	25.6	2.8	7.8	5.0	53	40	13	47	36	11
1970–1979	36.5	12.8	23.8	29.7	2.3	8.0	1.4	36	28	8	64	48	16
1980–1983	75.1	23.8	51.3	37.4	2.6	12.0	4.2	32	25	7	68	53	15

[1] Includes revisions not shown in detail. [2] GNP=Gross national product. [3] Change from prior year shown; 1955 change from 1954.

Source: U.S. National Science Foundation, *National Patterns of Science and Technology Resources*, annual, and unpublished data.

No. 1015. Research and Development (R&D)—Source of Funds and Performance Sector: 1960 to 1983

[In millions of dollars. See headnote, table 1016]

Year	Source of funds					Performance section				
	Total	Federal Govt.	Industry	Univ., colleges	Other [1]	Federal Govt.	Industry	Univ., colleges	Associated FFRDC's [1]	Other [2]
Current dollars:										
1960	13,523	8,738	4,516	149	120	1,726	10,509	646	360	282
1965	20,044	13,012	6,548	267	217	3,093	14,185	1,474	629	663
1970	26,134	14,892	10,444	461	337	4,079	18,067	2,335	737	916
1975	35,213	18,109	15,820	749	535	5,354	24,187	3,409	987	1,276
1980	62,734	29,716	30,771	1,314	933	7,769	44,505	6,050	2,235	2,175
1981	72,118	33,752	35,897	1,512	957	8,729	51,830	6,793	2,476	2,290
1982	79,000	36,610	39,955	1,540	895	9,250	57,850	7,010	2,540	2,350
1983, est	86,500	39,625	44,285	1,615	975	9,750	64,250	7,400	2,600	2,500
Constant (1972) dollars:										
1960	19,635	12,673	6,573	214	175	2,481	15,297	928	517	412
1965	26,896	17,443	8,806	356	291	4,124	19,077	1,965	838	892
1970	28,613	16,316	11,421	506	370	4,481	19,756	2,564	809	1,003
1975	28,153	14,537	12,579	608	429	4,344	19,229	2,766	801	1,013
1980	35,159	16,672	17,225	739	523	4,369	24,914	3,402	1,268	1,136
1981	36,900	17,274	18,361	774	491	4,470	26,511	3,480	1,268	1,171
1982	38,048	17,601	19,280	737	430	4,426	27,918	3,354	1,216	1,134
1983, est	39,605	18,119	20,305	736	445	4,442	29,461	3,371	1,185	1,146

[1] Federally-funded R & D Centers. [2] Nonprofit institutions.

Source: U.S. National Science Foundation, *National Patterns of Science and Technology Resources*, annual.

NO. 1016. RESEARCH AND DEVELOPMENT (R & D) FUNDS, BY PERFORMANCE SECTOR AND SOURCE: 1965 TO 1983

[**In millions of dollars, except percent.** Data primarily on calendar year basis—calendar year data for industry and other nonprofit institutions combined with Federal and university fiscal year data. Data refer, in general, to natural sciences including engineering, and to social sciences in all but industry sector. Excludes capital expenditures data. Expenditures at associated federally funded research and development centers administered by industry and other nonprofit institutions included in totals of respective sectors. See also *Historical Statistics, Colonial Times to 1970*, series W 109-125]

PERFORMANCE SECTOR AND SOURCE OF FUNDS	1965	1970	1975	1977	1978	1979	1980	1981	1982, est.	1983, est.
Total R & D [1]	**20,044**	**26,134**	**35,213**	**42,829**	**48,184**	**54,972**	**62,734**	**72,118**	**79,000**	**86,500**
In 1972 dollars	26,896	28,613	28,153	30,539	32,039	33,637	35,159	36,900	38,048	39,605
Percent Federal as source	64.9	57.0	51.4	50.5	49.7	48.9	47.4	46.8	46.3	45.8
Percent of gross national product	2.9	2.6	2.3	2.2	2.2	2.3	2.4	2.5	2.6	2.7
Federal Government	3,093	4,079	5,354	6,060	6,870	7,463	7,769	8,729	9,250	9,750
Industry	14,185	18,067	24,187	29,825	33,304	38,226	44,505	51,830	57,850	64,250
Federal funds	7,740	7,779	8,605	10,485	11,189	12,518	14,169	16,468	18,525	20,675
Industry funds	6,445	10,288	15,582	19,340	22,115	25,708	30,336	35,362	39,325	43,575
Universities and colleges	1,474	2,335	3,409	4,065	4,621	5,354	6,050	6,793	7,010	7,400
Federal funds	1,073	1,648	2,288	2,726	3,057	3,594	4,093	4,549	4,695	4,950
Industry funds	41	61	113	139	170	193	235	285	320	360
University and college funds [2]	267	461	749	887	1,035	1,194	1,314	1,512	1,540	1,615
Other nonprofit institutions funds [2]	93	165	259	313	359	373	408	447	455	475
Universities and colleges, associated federally funded R & D centers	629	737	987	1,384	1,717	1,935	2,235	2,476	2,540	2,600
Other nonprofit institutions	663	916	1,276	1,495	1,672	1,994	2,175	2,290	2,350	2,500
Federal funds	477	649	875	987	1,100	1,350	1,450	1,530	1,600	1,650
Industry funds	62	95	125	150	165	180	200	250	310	350
Other [3]	124	172	276	358	407	464	525	510	440	500
Total research, basic and applied	**6,894**	**9,269**	**12,471**	**15,280**	**17,232**	**19,622**	**22,127**	**26,054**	**27,930**	**30,175**
In 1972 dollars	9,234	10,160	10,017	10,882	11,459	12,006	12,414	13,335	13,429	13,798
Percent Federal as source	62.9	60.1	56.8	56.3	56.1	55.6	55.1	52.5	51.6	50.7
Federal Government	1,354	1,904	2,464	2,958	3,221	3,481	3,666	4,034	4,200	4,500
Industry	3,250	4,029	5,300	6,547	7,335	8,383	9,775	12,353	13,700	15,080
Federal funds	1,224	1,207	1,287	1,535	1,680	1,820	2,240	2,681	2,925	3,175
Industry funds	2,026	2,822	4,013	5,012	5,655	6,563	7,535	9,672	10,775	11,905
Universities and colleges	1,417	2,223	3,261	3,865	4,385	5,070	5,707	6,416	6,620	6,995
Federal funds	1,036	1,564	2,210	2,614	2,935	3,434	3,885	4,324	4,465	4,710
Industry funds	39	56	106	125	155	177	215	259	290	330
University and college funds [2]	252	448	702	829	957	1,109	1,224	1,411	1,435	1,505
Other nonprofit institutions funds [2]	90	155	243	297	338	350	381	422	430	450
Universities and colleges, associated federally funded R & D centers	412	485	573	867	1,116	1,298	1,474	1,656	1,775	1,875
Other nonprofit institutions	461	628	873	1,043	1,175	1,390	1,505	1,595	1,635	1,725
Federal funds	307	409	545	635	720	880	930	990	1,035	1,050
Industry funds	50	77	103	123	135	145	160	200	250	285
Other [3]	104	142	225	285	320	365	415	405	350	390
Total basic research	**2,555**	**3,549**	**4,608**	**5,534**	**6,388**	**7,252**	**8,071**	**9,188**	**9,700**	**10,450**
In 1972 dollars	3,416	3,895	3,720	3,937	4,248	4,436	4,533	4,704	4,653	4,771
Percent of total R & D	12.7	13.6	13.1	12.9	13.3	13.2	12.9	12.7	12.3	12.1
Percent Federal as source	70.8	70.1	68.1	69.0	69.6	69.5	68.7	67.7	67.6	67.2
Federal Government	364	577	734	914	1,029	1,089	1,182	1,302	1,425	1,600
Industry	592	602	730	911	1,035	1,158	1,325	1,641	1,825	2,030
Federal funds	186	158	157	210	250	265	290	328	375	425
Industry funds	406	444	573	701	785	893	1,035	1,313	1,450	1,605
Universities and colleges	1,138	1,796	2,410	2,797	3,172	3,607	4,020	4,559	4,700	4,970
Federal funds	879	1,296	1,694	2,005	2,262	2,571	2,850	3,239	3,345	3,520
Industry funds	26	40	72	79	99	113	135	164	185	215
University and college funds [2]	164	350	478	526	603	707	800	905	915	965
Other nonprofit institutions funds [2]	69	110	166	187	208	216	235	251	255	270
Universities and colleges, associated federally funded R & D centers	208	269	309	402	567	718	774	856	900	950
Other nonprofit institutions	253	305	425	510	585	680	770	830	850	900
Federal funds	172	189	245	290	335	400	450	495	515	525
Industry funds	29	44	60	70	80	85	95	120	150	175
Other [3]	52	72	120	150	170	195	225	215	185	200
Total development	**13,150**	**16,865**	**22,742**	**27,549**	**30,952**	**35,350**	**40,607**	**46,064**	**51,070**	**56,325**
In 1972 dollars	17,662	18,453	18,136	19,657	20,580	21,631	22,745	23,565	24,619	25,807
Percent of total R & D	65.6	64.5	64.6	64.3	64.2	64.3	64.7	63.9	64.6	65.1
Percent Federal as source	66.0	55.3	48.5	47.3	46.1	45.1	43.1	43.6	43.5	43.2

[1] Basic research, applied research, and development. [2] Includes State and local government funds received by these institutions and used for research and development. [3] Includes estimates for independent nonprofit hospitals and voluntary health agencies.

Source: U.S. National Science Foundation, *National Patterns of Science and Technology Resources*, annual.

No. 1017. Federal Funding for Research and Development, by Budget Function: 1973 to 1983

[**In millions of dollars.** For years ending **June 30** except, beginning **1977** ending **Sept. 30.** Excludes R&D plant. Data for 1973–77 are shown in obligations, and for 1978–83 are shown in budget authority. See *Historical Statistics, Colonial Times to 1970,* series W 126, for total obligations]

FUNCTION	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, est.
Total	**16,800**	**17,410**	**19,039**	**20,780**	**23,983**	**26,516**	**29,041**	**31,623**	**35,547**	**36,115**	**38,455**
National defense	9,002	9,016	9,679	10,430	11,864	12,899	13,791	14,946	18,413	22,070	24,913
Health	1,585	2,069	2,170	2,351	2,629	2,968	3,401	3,694	3,871	3,869	4,249
Energy	630	759	1,363	1,649	2,562	3,134	3,461	3,603	3,501	3,012	2,580
Space research and technology	2,824	2,702	2,764	3,130	3,365	3,481	3,969	4,587	4,924	2,584	1,883
General science	658	749	813	858	974	1,050	1,119	1,233	1,340	1,359	1,492
Natural resources and environment	554	516	624	683	753	904	1,010	999	1,061	965	927
Transportation	572	693	635	631	708	768	798	888	870	791	894
Agriculture	308	313	342	393	457	501	552	585	659	693	747
Education, training, employment, and social services	290	236	239	255	230	345	354	468	298	228	220
Veterans benefits and services	74	85	95	98	107	111	123	126	143	139	158
International affairs	28	24	29	42	66	57	117	127	160	165	152
Commerce and housing credit	50	51	65	69	71	77	93	102	106	104	107
Community and regional development	78	82	93	109	101	92	127	119	104	63	48
Income security	106	71	72	48	55	67	57	77	43	32	42
Administration of justice	33	35	44	35	30	44	47	45	34	31	33
General government	7	9	12	12	13	20	23	22	22	10	10

Source: U.S. National Science Foundation, *Federal R&D Funding by Budget Function,* annual.

No. 1018. Federal Obligations for Research, by Field of Science: 1973 to 1983

[**In millions of dollars.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** See headnote table 1017]

ITEM	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, est.
Research, total	**5,581**	**6,175**	**6,730**	**7,619**	**8,514**	**9,607**	**10,535**	**11,597**	**12,213**	**12,595**	**13,265**
Basic	2,241	2,398	2,600	2,779	3,269	3,711	4,206	4,688	5,041	5,311	5,765
Applied	3,340	3,777	4,129	4,841	5,245	5,896	6,329	6,909	7,172	7,284	7,500
Life sciences	1,931	2,265	2,455	2,650	3,008	3,427	3,848	4,192	4,436	4,593	4,735
Engineering	1,371	1,564	1,718	2,069	2,113	2,405	2,572	2,830	3,071	3,137	3,172
Physical sciences	982	1,016	1,097	1,259	1,530	1,646	1,793	2,001	2,221	2,510	2,846
Environmental sciences	581	636	727	769	906	1,025	1,101	1,261	1,121	1,093	1,098
Social sciences	299	292	302	392	426	489	527	524	497	406	398
Mathematics and computer sciences	115	114	125	158	196	216	210	241	279	311	357
Psychology	110	133	139	144	156	193	197	199	209	215	258
Other sciences	194	154	167	179	179	206	287	350	379	331	401

Source: U.S. National Science Foundation, *Federal Funds for Research and Development,* annual.

No. 1019. Federal Obligations for Research and Development, by Agency: 1973 to 1983

[**In millions of dollars except percent.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Excludes R&D Plant. See *Historical Statistics, Colonial Times to 1970,* series W 142, for total R & D expenditures]

AGENCY	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, est.
Total	**16,800**	**17,410**	**19,039**	**20,780**	**23,983**	**26,388**	**28,978**	**31,680**	**34,917**	**36,954**	**42,974**
Departments:											
Agriculture	367	379	420	462	547	621	663	688	774	807	839
Commerce	191	181	215	229	245	284	309	343	5,246	4,864	4,179
Defense	8,404	8,420	9,012	9,655	10,963	11,554	12,506	13,981	16,509	20,602	24,520
Percent of total	50.0	48.4	47.3	46.5	45.7	43.8	43.2	44.1	47.3	52.9	57.1
Energy [1]	1,363	1,489	2,047	2,464	3,536	4,245	4,639	4,754	[2]	[2]	[2]
HHS [3]	1,838	2,290	2,397	2,584	2,823	3,207	3,505	3,780	3,927	3,966	4,116
Interior	244	192	303	333	315	359	406	411	427	403	365
Transportation	311	370	312	295	355	408	370	361	416	328	367
Agencies:											
EPA [4]	181	169	258	259	295	385	410	345	326	317	230
NASA [5]	3,061	3,002	3,084	3,447	3,703	3,875	4,411	5,084	5,407	5,841	6,513
NSF [6]	480	556	595	609	697	749	808	882	962	960	1,025
Other depts. and agencies	362	361	416	443	505	701	951	1,052	923	864	818

[1] Prior to 1974, Atomic Energy Commission; 1974–1976 Energy Research and Development Administration. [2] The 1983 budget proposed that the Department of Energy be replaced by the Energy Research and Technology Administration within the Department of Commerce. [3] Health and Human Services beginning 1979; prior to then, Health, Education, and Welfare. [4] Environmental Protection Agency. [5] National Aeronautics and Space Administration. [6] National Science Foundation.

Source: U.S. National Science Foundation, *Federal Funds for Research and Development,* annual.

No. 1020. Funds for Peformance of Industrial Research and Development (R&D), by Industry, 1970 to 1981

[In millions of dollars. Covers basic research, applied research, and development. See also *Historical Statistics, Colonial Times to 1970, series W 144–160]*

INDUSTRY	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
									b		
Total [1]	**18,067**	**19,552**	**21,249**	**22,887**	**24,187**	**26,997**	**29,825**	**33,304**	**38,226**	**44,505**	**51,830**
Aircraft and missiles	5,219	4,950	5,052	5,278	5,713	6,339	7,033	7,536	8,041	9,198	11,702
Electrical equip. and communication	4,220	4,680	4,902	5,011	5,105	5,636	5,886	6,507	7,824	9,175	10,466
Machinery	1,729	2,158	2,549	2,985	3,196	3,487	3,880	4,283	4,825	5,901	6,800
Chemicals and allied products	1,773	1,932	2,116	2,450	2,727	3,017	3,202	3,580	4,038	4,636	5,325
Motor vehicles, transport. equip.	1,591	2,010	2,477	2,476	2,430	2,872	3,478	4,010	4,668	5,117	[2] 5,090
Professional and scientific instruments	*744*	*838*	*961*	*1,075*	*1,173*	*1,331*	*1,571*	*1,998*	*2,505*	*3,029*	*3,685*
Petroleum refining and extraction	515	468	498	622	693	767	918	1,060	1,262	1,552	(NA)
Primary metals	275	277	307	358	443	506	538	560	634	728	889
Rubber products	276	377	426	469	467	502	491	493	577	656	(NA)
Fabricated metal products	207	253	291	313	324	358	386	384	455	550	638
Food and kindred products	230	259	269	298	335	355	415	472	528	620	719
Paper and allied products	178	189	194	237	249	313	333	387	445	495	(NA)
Stone, clay, and glass products	167	183	199	217	233	263	287	324	356	406	(NA)

NA Not available. [1] Includes industries not available separately. [2] Estimated.

Source: U.S. National Science Foundation, *Research and Development in Industry,* annual.

No. 1021. Companies Performing Research and Development (R&D)—Selected Data, by Industry Group: 1975 to 1981

Industry code [1]	INDUSTRY GROUP	R AND D FUNDS (mil. dol.)			R AND D FUNDS AS PERCENT OF NET SALES			R AND D SCIENTISTS/ ENGINEERS [3] (1,000)		
		1975	1980	1981	1975	1980	1981	1975	1980	1981
(x)	**Total** [4]	**24,187**	**44,505**	**51,830**	**3.1**	**2.8**	**2.9**	**363.3**	**460.0**	**487.8**
20	Food and kindred products	335	620	719	.4	.4	.4	6.8	7.2	7.4
26	Paper and allied products	249	495	(NA)	.9	1.0	1.1	5.0	7.4	8.0
28	Chemicals and allied products	2,727	4,636	5,326	3.7	3.6	3.8	45.2	51.4	54.7
29	Petroleum refining and extraction	693	1,552	(NA)	.7	.6	.7	8.4	10.8	13.0
30	Rubber products	467	656	(NA)	2.5	2.3	2.5	8.4	(NA)	(NA)
32	Stone, clay, and glass products	233	406	(NA)	1.2	1.4	1.6	4.5	5.4	5.6
33	Primary metals	443	728	889	.8	.7	.9	6.3	8.1	7.9
34	Fabricated metal products and ordnance	324	550	638	1.2	1.4	1.5	7.4	7.8	7.8
35	Machinery	3,196	5,901	6,800	4.8	5.1	5.2	52.8	62.1	69.2
36	*Electrical equipment and communication*	*5,105*	*9,175*	*10,466*	*6.5*	*6.6*	*6.8*	*82.6*	*94.5*	*106.9*
37	Transportation	8,143	14,315	[5] 16,792	6.8	7.3	[5] 7.7	95.4	125.6	[5] 131.7
	Motor vehicles and other transporation equipment	2,430	5,117	[5] 5,090	3.3	3.9	[5] 3.6	27.9	39.7	[5] 36.5
	Aircraft and missiles	5,713	9,198	[5] 11,702	12.7	13.7	[5] 15.3	67.5	85.9	[5] 95.2
38	Professional and scientific instruments	1,173	3,029	3,685	5.9	7.6	8.3	17.9	32.8	34.7

NA Not available. [1] Standard Industrial Classification Code; see text, p. 761. [2] Excludes nonmanufacturing industries. [3] As of January. [4] Includes breakdown not shown separately. [5] Estimated.

Source: U.S. National Science Foundation, *Research and Development in Industry,* annual.

No. 1022. Federal Obligations to Universities and Colleges: 1970 to 1981

[In millions of dollars, except percent. For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Minus sign (–) indicates decrease]

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Total Federal obligations	**3,237**	**4,145**	**3,839**	**4,480**	**4,547**	**5,403**	**6,490**	**7,472**	**7,604**	**8,296**	**7,719**
Annual percent change [1]	–6.5	18.5	–7.4	16.7	1.5	18.8	20.1	15.1	1.8	9.1	–7.0
Academic science/engineering obligations	2,188	2,599	2,464	2,737	2,806	2,960	3,351	3,960	4,473	4,801	5,087
Percent of total	*67.6*	*62.7*	*64.2*	*61.1*	*61.7*	*54.8*	*51.6*	*53.0*	*58.8*	*57.9*	*65.9*
Research and development	1,447	1,853	1,871	2,085	2,246	2,431	2,803	3,386	3,874	4,158	4,409
Research and development plant	45	37	43	29	45	24	36	34	32	38	44
Other science/engineering activities	696	709	550	623	515	505	512	539	567	605	634
Nonscience engineering activities	1,049	1,546	1,375	1,743	1,741	2,443	3,138	3,512	3,131	3,495	2,632

[1] For 1970, change from 1969, for 1972, change from 1971.

Source: U.S. National Science Foundation, *Survey of Federal Support to Universities, Colleges, and Selected Nonprofit Institutions,* annual.

No. 1023. Nobel Prize Laureates in Chemistry, Physics, and Physiology/Medicine—Selected Countries: 1901 to 1982

[Presented by location of award-winning research and by date of award]

COUNTRY	1901–1982				1901–1915	1916–1930	1931–1945	1946–1960	1961–1975	1976–1982
	Total	Physics	Chemistry	Physiology/Medicine						
Total	**355**	**121**	**99**	**135**	**52**	**41**	**49**	**74**	**92**	**47**
United States	131	48	25	58	3	3	14	38	42	31
United Kingdom	66	21	24	21	7	8	11	14	20	6
Germany, Fed. Rep. of [1]	51	14	25	12	15	12	11	4	8	1
France	21	8	6	7	10	3	2	–	5	1
Soviet Union	10	7	1	2	2	–	–	4	3	1
Other countries	76	23	18	35	15	15	11	14	14	7

– Represents zero. [1] Includes East Germany before 1946.

Source: U.S. National Science Foundation, unpublished data.

No. 1024. National Research and Development Expenditures as a Percent of Gross National Product, by Country: 1965 to 1982

YEAR	United States	France	Germany, Fed. Rep.	Japan	United Kingdom	Soviet Union	YEAR	United States	France	Germany, Fed. Rep.	Japan	United Kingdom	Soviet Union
1965	2.90	2.01	1.73	1.52	(NA)	2.85	1974	2.29	1.79	2.26	1.97	(NA)	3.64
1966	2.89	2.06	1.81	1.46	2.31	2.88	1975	2.27	1.80	2.38	1.96	2.05	3.69
1967	2.89	2.13	1.97	1.52	2.29	2.91	1976	2.27	1.77	2.29	1.95	(NA)	3.55
1968	2.82	2.08	1.97	1.60	2.25	(NA)	1977	2.23	1.76	2.31	1.93	(NA)	3.46
1969	2.72	1.94	2.05	1.64	2.22	3.03	1978	2.23	1.76	2.31	1.96	2.13	3.47
1970	2.63	1.91	2.18	1.81	(NA)	3.23	1979	2.28	1.81	2.59	2.06	(NA)	3.44
1971	2.47	1.90	2.38	1.85	(NA)	3.29	1980	2.39	1.85	2.65	2.18	(NA)	3.51
1972	2.40	1.86	2.33	1.86	2.05	3.58	1981	2.47	1.97	2.68	2.36	(NA)	3.53
1973	2.31	1.76	2.22	1.90	(NA)	3.66	1982	2.50	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available.

Source: U.S. National Science Foundation, *Science Indicators, 1981;* and unpublished data.

No. 1025. Research and Development (R&D) Expenditures in Science and Engineering at Universities and Colleges: 1970 to 1981

[In millions of dollars. Estimates for nonrespondents account for less than 7 percent of the total]

CHARACTERISTIC	1970	1975	1980	1981	CHARACTERISTIC	1970	1975	1980	1981
Total	**2,335**	**3,409**	**6,050**	**6,793**	Field:				
In 1972 dollars [1]	2,566	2,769	3,403	3,478	Life sciences	1,194	1,901	3,213	3,663
Basic research	1,796	2,410	4,019	4,559	Engineering	319	381	863	957
Applied research and develop	539	999	2,031	2,234	Physical sciences	307	350	677	764
Source of funds:					Environmental sciences	125	255	506	547
All Governments	1,867	2,620	4,586	5,087	Social sciences and other	258	356	488	513
Institutions' own funds	243	417	821	974	Mathematics and computer sciences	72	85	192	221
Industry	61	113	235	285	Psychology	59	80	111	128
Other	165	259	408	447					

[1] Based on GNP implicit price deflator, see text, p. 445.

Source: U.S. National Science Foundation, *Survey of Scientific and Engineering Expenditures at Universities and Colleges,* annual.

No. 1026. Scientists and Engineers Employed in Research and Development: 1961 to 1983

[In thousands of full-time equivalent employees. Yearly averages for industry sector only. Excludes those employed by State and local government agencies, except as noted. DOD=Dept. of Defense. FFRDC's=federally funded R&D centers]

SECTOR	1961	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983 [1]
Total	**425.7**	**494.5**	**546.6**	**532.7**	**568.2**	**594.2**	**626.8**	**663.4**	**691.4**	**716.9**	**743.0**
Industry (excl. social scientists) [2]	312.0	348.4	375.6	363.8	393.6	414.2	442.0	473.9	499.7	524.0	549.0
Universities and colleges, total	42.4	53.4	68.5	69.8	74.4	76.6	78.6	81.2	83.3	85.0	86.1
Scientists and engineers	33.6	40.4	50.3	51.2	54.4	56.0	56.9	57.9	58.9	60.0	60.6
Graduate students	8.8	13.0	18.2	18.6	20.0	20.6	21.7	23.3	24.4	25.0	25.5
Federal Government (incl. DOD)	51.1	61.8	69.8	63.4	62.2	64.3	64.6	65.6	66.0	66.0	66.0
University-associated FFRDC's	9.1	11.1	11.5	12.7	14.0	14.1	14.1	15.2	15.4	15.4	15.3
Other nonprofit institutions [2] [3]	11.1	19.9	21.2	23.0	24.0	25.0	27.5	27.5	27.0	26.5	26.6

[1] Estimated. [2] Includes professional R&D personnel employed at FFRDC's administered by industry and other nonprofit institutions. [3] Includes estimate for R&D scientists and engineers employed in State-affiliated institutions.

Source: U.S. National Science Foundation, *National Patterns of Science and Technology Resources,* annual.

No. 1027. Scientists and Engineers, by Field, Employment Status, and Sex: 1978 to 1981

[In thousands, except percent. Represents the total science and engineering population in the United States]

Field	1978			1980			1981			
	Total		In labor force	Total		In labor force	Total		In labor force	Outside labor force [1]
	Number	Percent female		Number	Percent female		Number	Percent female		
Total, all fields	**2,741**	**9.7**	**2,508**	**3,150**	**11.7**	**2,941**	**3,381**	**13.8**	**3,167**	**214**
Engineers, total	1,396	1.6	1,285	1,524	2.3	1,425	1,593	2.3	1,493	100
Scientists, total	1,345	18.2	1,223	1,625	23.1	1,517	1,788	22.1	1,675	114
Life scientists	328	22.0	296	407	22.3	384	440	23.7	415	25
Physical scientists	255	8.9	217	265	13.7	227	272	13.8	233	39
Computer scientists	238	18.0	235	357	26.6	350	430	26.9	423	8
Social scientists	205	20.6	189	231	26.8	215	247	27.2	230	17
Psychologists	132	27.3	123	134	39.6	126	142	41.6	133	9
Mathematical scientists	108	18.4	90	127	20.3	120	142	22.1	134	8
Environmental scientists	81	10.6	74	104	12.1	95	116	14.2	107	9

[1] Includes those not employed or not seeking employment, such as retirees.

Source: National Science Foundation, *U.S. Scientists and Engineers,* and unpublished data.

No. 1028. Characteristics of Scientists and Engineers: 1981

[Percent distribution, except as indicated. Represents the total science and engineering population in the United States]

Characteristic	Total	Engineers	Physical scientists	Mathematical	Computer specialists	Environmental scientists	Life scientists	Psychologists	Social scientists
Total (1,000)	**3,381**	**1,593**	**272**	**142**	**430**	**116**	**440**	**142**	**247**
Male	86.2	97.7	97.6	77.9	73.1	85.7	76.3	58.4	72.7
Female	13.8	2.3	2.4	22.1	26.9	14.3	23.7	41.6	27.3
Highest degree:									
Doctorate	10.8	3.7	25.3	11.7	2.1	14.3	21.3	32.0	22.9
Master's	24.4	20.9	17.0	46.5	24.5	26.2	23.9	31.2	37.8
Bachelor's	63.2	72.7	57.6	41.2	73.4	58.7	53.2	36.1	38.9
Other	1.6	2.7	.1	.6	(B)	.8	1.6	.7	.4
Type of employer:									
Business, industry	59.3	77.3	53.2	35.7	75.2	50.3	28.4	15.5	23.7
Educational institutions	17.5	4.8	25.4	43.4	10.1	18.6	40.3	39.9	35.9
Nonprofit organizations	4.4	1.5	5.4	3.5	2.4	1.3	7.6	31.4	9.7
Federal Government	8.6	7.2	8.5	10.9	5.8	15.6	13.6	2.2	12.8
Military	1.4	1.7	1.6	1.3	1.7	3.0	.4	.8	.4
Other government	7.0	6.0	4.7	4.3	4.2	10.4	8.6	9.7	16.9
Other	1.8	1.5	1.2	.9	.6	.8	1.1	.5	.6

B Base figure too small to meet statistical standards for reliability of derived figure.

Source: U.S. National Science Foundation, *U.S. Scientists and Engineers,* and unpublished data.

No. 1029. Research and Development Scientists and Engineers—Average Full-Time-Equivalent Employment and Cost, by Industry: 1970 to 1981

[Data are estimates; for 1970 on man-years basis; thereafter, on average full-time-equivalent (FTE) basis. See *Historical Statistics, Colonial Times to 1970,* series W 167, for total cost per scientist or engineer]

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Average FTE of scientists and engineers (1,000)	**375.6**	**358.6**	**354.0**	**358.9**	**361.7**	**363.8**	**373.6**	**393.6**	**414.2**	**442.0**	**473.9**	**499.7**
Chemicals [1]	41.4	41.9	41.0	41.4	43.5	44.8	45.4	47.4	49.2	50.7	53.1	57.4
Machinery	42.5	43.2	45.0	48.7	51.9	54.3	55.5	56.6	59.0	61.2	65.7	71.2
Electrical equipment [2]	96.2	87.7	84.5	84.0	82.6	81.5	82.2	84.3	84.7	89.8	100.7	110.0
Motor vehicles [3]	26.9	29.0	29.8	29.6	28.6	27.5	28.6	32.0	35.5	38.5	38.1	36.3
Aircraft and missiles	85.2	74.5	71.5	71.4	69.1	67.2	69.5	77.0	84.3	86.2	90.6	95.3
Other industries	83.4	82.3	82.2	83.8	86.0	88.5	92.4	96.3	101.5	115.6	125.7	129.5
Cost per scientist or engineer ($1,000)	**48.1**	**51.1**	**55.3**	**59.2**	**63.3**	**66.5**	**72.2**	**76.1**	**79.9**	**86.8**	**93.9**	**103.7**
Chemicals [1]	42.8	43.7	47.1	51.1	56.3	60.9	66.5	68.4	71.7	78.1	84.8	92.7
Machinery	40.7	43.1	48.0	52.4	57.5	58.9	62.8	68.5	71.2	76.2	85.2	95.5
Electrical equipment [2]	43.9	50.1	55.4	58.4	60.7	62.7	68.6	71.3	79.4	91.7	97.8	95.2
Motor vehicles [3]	59.6	61.0	67.4	83.7	86.6	88.4	100.4	108.7	113.0	121.2	134.3	[4] 140.2
Aircraft and missiles	61.3	65.5	69.2	70.8	76.4	85.1	91.3	90.5	87.6	90.0	96.7	122.9
Other industries	42.4	43.6	46.5	49.6	54.5	56.7	61.1	65.9	72.8	76.4	83.4	96.1

[1] Includes allied products. [2] Includes communication. [3] And other transportation equipment. [4] Estimated.

Source: U.S. National Science Foundation, *Research and Development in Industry,* annual.

No. 1030. Civilian Employment of Scientists, Engineers, and Technicians in Private Industry, by Occupation and Major Industrial Sector: 1982

[In thousands. Covers wage and salary workers]

OCCUPATION	Total	Mining [1]	Construction	Manufacturing	Transportation	Communications	Public utilities	Trade	Finance, insurance, real estate	Services
Scientists and engineers	**1,560.4**	**71.9**	**48.6**	**749.4**	**12.0**	**45.6**	**39.7**	**76.1**	**55.8**	**461.3**
Scientists	544.7	35.4	1.5	161.3	4.3	4.5	7.2	30.6	50.3	249.6
Physical scientists	166.3	28.1	.2	89.9	.4	(Z)	1.0	2.7	.4	43.6
Life scientists	35.4	(Z)	.2	10.0	(Z)	(Z)	(Z)	1.0	(Z)	24.2
Mathematical scientists	16.1	.8	(Z)	8.2	(Z)	(Z)	(Z)	.3	.8	6.0
Social scientists	61.6	1.3	.2	2.2	.7	.2	2.4	.4	17.8	36.4
Psychologists	54.8	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	54.8
Systems analysts, EDP	210.5	5.2	.9	51.0	*3.2*	*4.3*	*3.8*	*26.2*	*31.9*	*84.8*
Engineers [2]	1,015.7	36.5	47.1	588.1	7.7	41.1	32.5	45.5	5.5	211.7
Civil engineers	87.0	1.2	16.0	8.9	1.7	.9	2.5	1.8	.7	53.3
Electrical/electronics eng	286.2	3.7	6.0	162.7	1.0	29.4	16.0	11.9	.3	55.2
Mechanical engineers	192.1	1.9	9.4	118.8	2.2	1.9	5.6	9.6	.4	52.3
Technicians, except health [2]	**1,303.6**	**33.5**	**39.3**	**501.3**	**63.2**	**52.4**	**41.5**	**112.8**	**14.3**	**445.3**
Drafters	285.0	7.2	18.8	112.2	.7	5.7	13.1	5.6	2.1	119.6
Electrical/electronic technicians	353.3	2.7	10.1	137.7	3.9	36.7	11.7	91.9	(Z)	58.6
Surveyors	29.2	2.8	3.5	1.1	.6	.5	1.4	(Z)	.2	19.1
Computer programmers	241.7	3.4	1.4	73.1	3.3	4.5	3.7	*18.9*	*39.9*	*93.5*

Z Fewer than 50. [1] Includes oil and gas extraction. [2] Includes engineers and technicians not shown separately.

Source: U.S. Bureau of Labor Statistics, unpublished data.

No. 1031. Scientists and Engineers—Employment in Institutions of Higher Education, by Field: 1975 to 1982

[In thousands. As of January. Includes full-time and part-time personnel. Excludes graduate students who receive stipends for part-time services as scientists or engineers. R and D=research and development]

FIELD	1975	1980	1981	1982	FIELD	1975	1980	1981	1982
Total	**291.4**	**339.2**	**349.6**	**364.0**	Math. and computer scientists	28.5	36.0	39.0	42.1
Universities, colleges	278.9	324.1	334.3	348.8	Life scientists	113.5	[1] 133.7	[1] 137.8	[1] 146.2
Teaching staff	215.0	(NA)	(NA)	(NA)	Agricultural	14.3	15.9	16.1	16.5
Engineers [1]	27.9	33.7	34.8	36.4	Biological	38.2	44.8	46.3	46.8
Civil	4.9	5.5	5.7	6.1	Medical	61.0	67.1	68.6	73.5
Electrical	6.8	8.2	8.6	9.0	Psychologists	21.6	23.3	23.4	23.7
Mechanical	5.3	6.1	6.3	6.7	Social scientists	48.7	54.1	55.2	55.9
Physical and environmental science [1]	38.7	43.4	44.1	44.5	Federally funded R & D centers	12.5	15.1	15.3	15.2
Chemists	16.1	17.6	18.1	18.2	Engineers	5.9	6.5	6.5	6.6
Earth scientists	6.0	6.6	6.6	6.7	*Scientists*	6.6	8.6	8.7	8.6
Physicists	12.3	13.0	12.9	13.0					

NA Not available. [1] Includes other breakdown not shown separately.

Source: U.S. National Science Foundation, *Academic Science Scientists and Engineers*, annual.

No. 1032. Professional Scientific, Engineering, and Technical Personnel in the Federal Government, by Occupational Group: 1970 to 1980

[In thousands, except percent. As of October]

OCCUPATIONAL GROUP	1970	1975	1977	1978	1979	1980	PERCENT FEMALE					
							1970	1975	1977	1978	1979	1980
Total	**180.3**	**188.9**	**195.4**	**200.6**	**203.6**	**206.9**	**6.7**	**6.5**	**7.1**	**7.7**	**8.3**	**9.5**
Scientific personnel	77.2	77.3	81.4	84.8	85.6	88.0	8.0	8.8	9.8	10.7	11.5	12.7
Physical sciences	29.8	27.1	27.1	27.5	27.6	27.6	6.4	6.6	7.3	7.9	8.4	9.5
Mathematics and statistics	8.6	10.0	10.6	11.2	10.9	11.1	17.4	15.9	16.7	17.6	18.7	19.8
Life sciences	26.9	26.4	28.3	29.3	29.5	30.5	4.1	5.1	6.1	6.6	7.5	8.7
Social sciences	6.6	8.0	9.1	10.1	10.3	10.5	16.2	17.6	19.4	21.3	22.2	23.3
Geography and cartography	3.3	2.9	3.3	3.6	4.1	4.9	8.5	7.9	9.2	9.8	11.9	14.8
Psychology	2.2	2.9	3.0	3.2	3.2	3.3	13.7	14.6	15.1	16.0	16.7	16.8
Engineering personnel	83.0	86.6	87.8	89.2	88.8	89.6	.5	.7	.9	1.1	1.3	1.9
Computer specialists	20.1	25.0	26.1	26.6	29.3	29.3	*21.1*	*19.1*	*19.5*	*20.2*	*20.1*	*23.3*

[1] Excludes health professional personnel. [2] Includes community planning.

Source: U.S. National Science Foundation. Compiled from data supplied by the U.S. Office of Personnel Management.

No. 1033. Graduate Science and Engineering Students in Doctorate-Granting Institutions, by Field, Enrollment Status, and Level of Study: 1975 to 1981

[In thousands. As of fall. Includes outlying areas]

Field of science	Students enrolled full time									Students enrolled part time		
	Total			First year			Beyond first year					
	1975	1980	1981	1975	1980	1981	1975	1980	1981	1975	1980	1981
Total	**210.3**	**230.7**	**234.5**	**79.2**	**77.4**	**76.6**	**131.2**	**153.3**	**157.9**	**83.4**	**103.2**	**105.7**
Engineering	37.2	42.5	45.4	16.5	16.0	16.6	20.7	26.5	28.8	27.5	29.8	31.6
Physical sciences	21.3	22.3	22.6	6.0	5.7	5.8	15.3	16.5	16.8	3.2	3.1	3.2
Environmental sciences	8.9	9.9	10.2	3.2	3.2	3.1	5.7	6.7	7.1	1.9	2.3	2.4
Mathematical/computer sciences	14.1	15.3	16.1	5.4	5.5	5.7	8.7	9.7	10.4	7.2	9.7	10.9
Life sciences	59.6	67.8	67.5	23.3	23.0	21.9	36.3	44.8	45.7	14.0	23.0	23.7
Psychology	19.7	21.6	21.5	5.7	5.7	5.6	14.0	15.9	15.9	7.2	7.8	7.5
Social sciences	49.5	51.3	51.2	19.0	18.3	17.9	30.5	33.1	33.2	22.3	27.4	26.4

Source: U.S. National Science Foundation, *Survey of Graduate Science and Engineering Students and Postdoctorates*, annual.

No. 1034. Degrees Conferred, by Recipients' Characteristics, 1970 to 1982, and by Selected Fields, 1982

Characteristic	All fields					1982						
	1970	1975	1979	1980	1981	Total [1]	Physical sciences [2]	Mathematics and computer sciences	Engineering	Biological sciences [3,4]	Psychology	Social sciences [4,5]
Doctorate conferred	29,475	32,913	31,200	30,982	31,319	31,048	3,348	940	2,644	3,502	3,154	2,368
Percent with master's degree	78.6	81.3	81.2	80.9	80.6	80.0	53.6	77.9	88.8	51.8	79.3	81.7
Percent distribution	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Male	86.5	78.1	71.4	69.7	68.5	67.6	86.3	87.7	95.3	70.5	54.5	74.4
Female	13.5	21.9	28.6	30.3	31.5	32.4	13.7	12.3	4.7	29.5	45.5	25.6
White [6]	(NA)	79.8	83.3	84.6	85.3	86.4	88.8	87.5	75.2	89.2	90.2	84.2
Black and other [6]	(NA)	12.1	10.9	10.5	10.6	11.1	8.3	9.2	20.8	7.6	8.1	12.7
Not reported [6]	(NA)	8.1	5.8	4.9	4.1	2.5	2.9	3.4	4.0	3.2	1.7	3.1
U.S. citizens	84.2	82.1	81.3	81.0	79.8	78.3	75.0	63.9	44.1	84.9	90.9	71.8
Foreign citizens	14.0	15.9	15.7	15.9	16.6	17.4	21.9	32.2	50.1	11.9	3.6	22.1
Citizenship unknown	1.6	2.0	3.0	3.1	3.6	4.3	3.1	3.7	5.9	3.2	5.5	6.1
Median age at award [7] (yr.)	30.7	31.5	31.9	32.2	32.4	32.5	29.2	29.5	30.7	29.7	31.5	32.9
Median total time, [7] baccalaureate to doctorate (yr.)	7.9	8.6	9.0	9.3	9.4	9.5	6.8	7.2	8.0	7.2	8.6	9.7
Registered time (yr.)	5.6	5.9	6.2	6.3	6.4	6.5	5.8	6.0	5.8	6.1	6.5	7.1
Master's conferred (1,000)	209	294	302	299	297	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Bachelor's conferred [8] (1,000)	833	988	1,001	1,011	1,019	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Includes other fields, not shown separately. [2] Astronomy, physics, chemistry, and earth sciences. [3] Biochemistry, botany, microbiology, physiology, zoology, and related fields. [4] Data not strictly comparable to those shown in table 1035; see source for details. [5] Anthropology, sociology, economics, political science, public administration, and international relations. [6] 1979–1982 data on race limited to U.S. citizens and non-U.S. citizens with permanent visas. [7] For definition of median, see Guide to Tabular Presentation. [8] Includes first professional degrees.

Source: U.S. National Science Foundation. Data from National Research Council, *Summary Report, 1982: Doctorate Recipients from United States Universities.*

No. 1035. Science Doctorates Conferred: 1965 to 1982

[Doctorates conferred, years ending **June 30**; enrollment as of fall term. See also *Historical Statistics, Colonial Times to 1970*, series H 767–771, 774, and 776–780]

Field of science	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Science doctorates conferred	**10,477**	**17,731**	**16,352**	**17,872**	**17,373**	**17,034**	**17,230**	**17,195**	**17,623**	**17,614**
Life sciences	2,539	4,163	4,402	4,350	4,266	4,361	4,495	4,710	4,783	4,840
Biological sciences	1,963	3,360	3,498	3,562	3,484	3,508	3,640	*3,798*	*3,691*	*3,889*
Agricultural sciences [1]	576	803	904	788	782	853	855	912	982	951
Physical sciences	2,865	4,400	3,749	3,572	3,410	3,234	3,321	*3,151*	*3,209*	*3,348*
Chemistry	1,444	2,234	1,762	1,623	1,570	1,545	1,567	1,538	1,611	1,678
Physics and astronomy	1,046	1,655	1,293	1,235	1,149	1,066	1,108	985	1,015	1,013
Earth, environmental, and marine sciences	375	511	694	714	691	623	646	628	582	657
Psychology	954	1,888	2,749	2,878	2,960	3,049	3,081	*3,098*	*3,357*	*3,154*
Social sciences	1,361	2,626	3,344	3,278	3,137	3,008	2,862	2,794	2,787	2,688
Engineering	2,073	3,432	2,959	2,791	2,641	2,423	*2,494*	*2,479*	*2,528*	*2,644*
Mathematics and computer sciences	685	1,222	1,149	1,003	959	959	977	963	960	940

[1] Excludes agricultural economics, included in social sciences.

Source: U.S. National Science Foundation. Data from National Research Council, Doctorate Record File.

No. 1036. Doctoral Scientists and Engineers—Selected Characteristics: 1975 to 1981

[In thousands]

Characteristic	1975	1977	1979	1981	
				Number	Employed
Total	**270**	**303**	**332**	**363.9**	**342.9**
Field:					
Physical scientists	58.4	62.1	64.3	67.7	63.2
Mathematical scientists	14.2	15.4	16.1	16.5	15.5
Computer specialists	3.5	5.8	6.8	9.1	9.0
Environmental scientists	12.5	13.5	15.1	16.6	16.0
Engineers	43.4	46.5	51.5	58.3	56.9
Life scientists	70.3	78.3	86.3	93.8	86.5
Psychologists	31.4	35.7	40.3	45.4	43.0
Social scientists	36.8	45.8	52.0	56.4	52.7
Sex:					
Men	245	272	294.0	318.1	302.6
Women	25.6	31.7	37.9	45.7	40.9
Race:					
White	242	270	293.5	322.9	304.4
Black	2.6	2.8	3.7	4.6	4.3
Asian	12.9	15.7	21.7	27.9	26.9
Other and not reported	13.0	14.4	13.4	8.5	7.3
Employment status:					
Full-time employed	241	267	292.9	322.3	322.3
Part-time employed	7.3	7.5	10.7	10.7	10.7
Postdoctorates	8.2	9.8	10.2	10.5	10.5
Unemployed/seeking	2.5	3.3	2.9	2.6	(x)
Not employed/not seeking	2.4	2.8	3.6	3.4	(x)
Retired/not employed	8.7	9.7	10.3	12.5	(x)
Other	.4	.5	.8	.4	(x)
Not reported	.5	2.6	.9	1.4	(x)

X Not applicable.

Source: U.S. National Science Foundation, *Characteristics of Doctoral Scientists and Engineers in the United States: 1981* (NSF 82-332) and unpublished data.

No. 1037. Doctoral Scientists and Engineers, by Selected States: 1981

[**In thousands.** Includes doctorate holders receiving their degrees between 1938 and June 1980. Selected States represent those with more than 4,000 scientists and engineers]

State	Total	Natural scientists	Social scientists	Engineers
Total	**363.9**	**208.7**	**101.9**	**53.3**
Calif	44.2	22.8	12.4	9.0
Colo	7.7	4.5	1.8	1.4
Conn	6.7	3.8	2.1	.8
D.C	12.6	5.9	5.1	1.6
Fla	8.7	4.4	3.0	1.3
Ga	5.1	3.4	1.3	.4
Ill	16.1	8.5	5.2	2.4
Ind	6.4	3.7	1.7	1.0
La	4.1	2.4	.9	.8
Md	13.4	8.9	2.9	1.6
Mass	16.1	8.9	4.5	2.7
Mich	11.8	6.7	3.2	1.9
Minn	6.5	4.2	1.8	.5
Mo	6.1	3.3	1.8	1.0
N.J	16.0	8.6	3.2	4.2
N.Y	35.0	18.0	12.1	4.9
N.C	7.6	6.3	.6	.7
Ohio	14.4	7.8	4.0	2.6
Pa	17.4	9.4	5.2	2.8
Tenn	6.1	3.8	1.4	.9
Tex	17.8	10.6	3.6	3.6
Va	9.8	5.6	2.7	1.5
Wash	7.2	3.9	2.0	1.3
Wis	6.1	3.5	1.8	.8
Others	61.0	39.8	17.6	3.6

Source: U.S. National Science Foundation, *Characteristics of Doctoral Scientists and Engineers in the United States: 1981* (NSF 82-332).

No. 1038. Federal Space Program—Budget Authority, by Agency: 1960 to 1983

[**In millions of dollars, except percent. 1983 estimated.** Through **1976**, for years ending **June 30**; thereafter, years ending **Sept. 30**. NASA = National Aeronautics and Space Administration]

Year	Total [1]	NASA [2]		Dept. of Defense	Dept. of Commerce	Dept. of Energy [3]
		Total	Percent of total			
1960	1,066	462	49.2	561	(x)	43
1961	1,808	926	53.3	814	(x)	68
1962	3,295	1,797	55.4	1,298	51	148
1963	5,435	3,626	67.6	1,550	43	214
1964	6,831	5,016	74.7	1,599	3	210
1965	6,956	5,138	75.5	1,574	12	229
1966	6,970	5,065	74.2	1,689	27	187
1967	6,710	4,830	74.0	1,664	29	184
1968	6,529	4,430	70.3	1,922	28	145
1969	5,976	3,822	66.8	2,013	20	118
1970	5,341	3,547	70.1	1,678	8	103
1971	4,741	3,101	69.8	1,512	27	95
1972	4,575	3,071	72.3	1,407	31	55
1973	4,825	3,093	70.6	1,623	40	54
1974	4,640	2,759	65.5	1,766	60	42
1975	4,914	2,915	65.7	1,892	64	30
1976	5,320	3,225	66.7	1,983	72	23
1977	5,983	3,440	63.8	2,412	91	22
1978	6,509	3,623	62.4	2,729	103	34
1979	7,419	4,030	61.9	3,211	98	59
1980	8,689	4,680	60.3	3,848	93	40
1981	9,978	4,992	55.3	4,828	87	41
1982	12,091	5,494	45.4	6,362	144	61
1983	14,999	6,278	41.9	8,442	186	62

X Not applicable. [1] Includes agencies not shown separately. [2] Includes budget authority for the space transportation system of $3.1 billion in 1982 and $3.6 billion in 1983. [3] See footnote 1, table 1019.

Source: U.S. National Aeronautics and Space Administration, *Aeronautics and Space Report of the President*, annual. Data from U.S. Office of Management and Budget.

No. 1039. National Aeronautics and Space Administration—Outlays for Research and Development: 1965 to 1983

[**In millions of dollars, except percent.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Performance includes research and development, and research and program management. Space science includes technology. Minus sign (−) indicates decrease]

YEAR	Total outlays	Percent change	PERFORMANCE				FACILITIES			
			Total	Space flight	Space science, applications	Air transport and other	Total	Space flight	Space science, applications	Air transport and other
1965	5,093	[1] 22.1	4,562	3,138	1,126	298	531	401	78	52
1966	5,933	16.5	5,361	3,819	1,120	422	572	391	63	118
1967	5,426	−8.5	5,137	3,477	1,160	500	289	172	47	70
1968	4,726	−12.9	4,599	3,028	1,061	510	127	69	29	29
1969	4,252	−10.0	4,187	2,754	893	540	65	27	21	17
1970	3,753	−11.7	3,699	2,195	963	541	54	14	21	19
1971	3,382	−9.9	3,338	1,877	926	535	44	8	6	30
1972	3,423	1.2	3,373	1,727	1,111	535	50	13	7	30
1973	3,316	−3.1	3,271	1,532	1,220	519	45	5	11	29
1974	3,256	−1.8	3,181	1,448	1,156	577	75	25	12	38
1975	3,266	.3	3,181	1,500	1,076	606	85	35	9	42
1976	3,670	12.4	3,549	1,934	969	646	121	66	11	43
1977	3,945	7.5	3,840	2,195	1,002	643	105	56	4	45
1978	3,984	1.0	3,860	2,204	964	692	124	56	8	60
1979	4,187	5.0	4,054	2,175	1,144	735	133	41	9	83
1980	4,850	15.8	4,710	2,556	1,341	813	140	38	5	97
1981	5,421	11.8	5,274	3,026	1,380	868	147	26	4	117
1982	6,035	11.3	5,926	3,526	1,454	946	109	17	3	89
1983, est.	6,722	11.4	6,585	3,996	1,515	1,074	137	38	2	97

[1] Change from 1964.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government,* annual; and unpublished data.

No. 1040. Space Vehicle Systems—Sales and Backlog Orders: 1965 to 1982

[**In millions of dollars.** Backlog orders as of **Dec. 31.** Based on data from major companies engaged in manufacture of aerospace products. Excludes engines and propulsion units]

YEAR	NET SALES			BACKLOG ORDERS			YEAR	NET SALES			BACKLOG ORDERS		
	Total	Military	Non-military	Total	Military	Non-military		Total	Military	Non-military	Total	Military	Non-military
1965	2,449	602	1,847	2,203	503	1,700	1976	2,002	904	1,098	1,234	902	332
1970	1,956	1,025	931	1,184	786	398	1977	1,870	814	1,056	1,589	1,263	326
1971	1,725	860	865	916	603	313	1978	2,324	1,006	1,318	2,188	1,693	495
1972	1,656	905	751	959	646	313	1979	2,539	1,105	1,434	1,448	909	539
1973	1,562	902	660	1,177	923	254	1980	3,483	1,461	2,022	1,814	951	863
1974	1,751	944	807	1,492	1,131	361	1981	3,856	1,736	2,120	3,174	2,164	1,010
1975	2,119	1,096	1,023	1,304	1,019	285	1982, prel.	4,851	2,581	2,270	2,918	2,086	832

Source: U.S. Bureau of the Census, *Current Industrial Reports,* MQ-37D, *Aerospace Industry (Sales and Orders).*

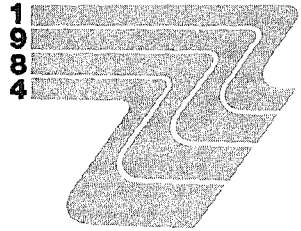
No. 1041. Space Payload Launchings: 1957 to 1983

[Criterion of success is attainment of Earth orbit or Earth escape by payload]

YEAR	UNITED STATES				Soviet Union successful launchings	YEAR	UNITED STATES				Soviet Union successful launchings
	Earth orbit		Earth escape				Earth orbit		Earth escape		
	Success	Failure	Success	Failure			Success	Failure	Success	Failure	
Total	**1,000**	**134**	**79**	**15**	**2,076**	1969	58	1	8	1	80
1957	–	1	–	–	2	1970	36	1	3	–	103
1958	5	8	–	4	1	1971	45	2	8	1	114
1959	9	9	1	2	3	1972	33	2	8	–	109
1960	16	12	1	2	3	1973	23	2	3	–	130
1961	35	12	–	2	8	1974	27	2	1	–	114
1962	55	12	4	1	26	1975	30	4	4	–	140
1963	62	11	–	–	20	1976	33	–	1	–	141
1964	69	8	4	–	39	1977	27	2	2	–	125
1965	93	7	4	1	76	1978	34	2	7	–	142
1966	94	12	7	[1] 1	52	1979	18	–	–	–	126
1967	78	4	10	–	75	1980	16	4	–	–	132
1968	61	15	3	–	85	1981	18	1	–	–	98
						1982	18	–	–	–	101
						1983, Jan.–Apr.[2]	7	–	–	–	31

– Represents zero. [1] Attained Earth orbit and included in Earth orbit success totals. [2] Preliminary.

Source: Library of Congress, Congressional Research Service, Science Policy Research Division, *Space Activities of the United States, Soviet Union, and Other Launching Countries/Organizations,* February 1982, and unpublished data.



Section 22

Transportation—Land

This section presents statistics on revenues, passenger and freight traffic volume, and employment in various revenue-producing modes of the transportation industry, including motor vehicles, trains, and pipelines. Data are also presented on commuting travel; highway mileage, construction, and cost; motor vehicle travel, accidents, sales, and registrations; automobile operating costs; and characteristics of public transit and railroads.

The principal compiler of data on public roads and on operation of motor vehicles is the U.S. Department of Transportation's (DOT) Federal Highway Administration (FHWA). These data appear in FHWA's annual *Highway Statistics.* The U.S. Interstate Commerce Commission (ICC) presents data on interstate land transport in its publications, the *Annual Report to Congress* and the *Transport Statistics in the United States,* which contain data on railroads and motor carriers subject to ICC regulations.

The U.S. National Highway Traffic Safety Administration issues data on traffic accident deaths and death rates in two annual reports: the *Fact Book* and the *Fatal Accident Reporting System Annual Report.* DOT's Federal Railroad Administration presents data on accidents involving railroads in its annual *Accident/Incident Bulletin,* and the *Rail-Highway Crossing Accident/Incident and Inventory Bulletin.*

Various censuses and surveys conducted by the U.S. Bureau of the Census also provide data. Results of the censuses of transportation are presented in *Commodity Transportation Survey, National Travel Survey,* and *Truck Inventory and Use Survey.* The *Annual Survey of Manufactures* and reports of the censuses of manufactures, wholesale and retail trade, and service industries contain statistics on the motor-vehicle and equipment industry and on retail, wholesale, and services aspects of this industry. Data on persons commuting to work were collected as part of the 1980 census and are provided for selected metropolitan areas and cities in tables 1081 and 1082.

Data are also presented in many nongovernment publications. Among them are: The weekly and annual *Cars of Revenue Freight Loaded* and the annual *Yearbook of Railroad Facts,* both published by the Association of American Railroads, Washington, D.C.; *Bus Facts,* issued annually by the American Bus Association, Washington, D.C.; and the *Transit Fact Book,* containing electric railway and motorbus statistics, published annually by the American Public Transit Association, Washington, D.C. Useful annual handbooks in the field of transportation are *Motor Vehicle Facts and Figures,* issued by the Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mich.; *Accident Facts,* issued by the National Safety Council, Chicago, Ill.; and *Transportation in America,* issued by the Transportation Policy Associates, Washington, D.C.

Urban and rural highway mileage.—Beginning 1980, mileage is classified in urban and rural categories, rather than municipal and rural. Urban denotes the Federal-aid legislation definition of an area. Such areas include, as a minimum, a census place with a population of 5,000 to 49,999 or a designated urbanized area with a population of 50,000 or more. These Federal-aid urban areas may extend beyond corporate and census boundaries, and thus are not necessarily coextensive with municipal boundaries. Rural in 1980 refers to non-Federal-aid urban area mileage. Prior to 1980, municipal referred to roads within incorporated places, densely populated New England towns, and certain of the more populous unincorporated areas and rural to non-municipal roads.

Federal-aid highway systems.—Federal law provides that Federal funds be matched in varying proportions with State funds for the costs of planning, engineering, right-of-way acquisition, and construction of highways. Other costs, such as maintenance and policing, are borne entirely by the States and local agencies.

Effective July 1, 1976, a uniform road classification system was implemented which shortened the mileage of the highway system and redefined the three main systems of Federal-aid routes. The Federal-aid primary system is comprised of a network of main roads important to interstate, statewide, and regional travel. The system consists of main rural roads and their extensions into or through urban areas. The Federal-aid secondary system consists of rural roads of a more local nature, such as those which connect county seats and the larger population centers not served by the primary system. The Federal-aid urban system is located in urban places of 5,000 or more persons and consists of major urban roads and streets, except those on the primary system.

Regulatory bodies.—The ICC, created by the U.S. Congress to regulate transportation in interstate commerce, has jurisdiction over railroads, trucking companies, bus lines, freight forwarders, water carriers, coal slurry pipelines, and transportation brokers. The Federal Energy Regulatory Commission is responsible for setting rates and charges for transportation and sale of natural gas and for establishing rates or charges for transportation.

Motor carriers.—For 1960-1973, class I for-hire motor carriers of freight were classified by the ICC as those with $1 million or more of gross annual operating revenue; since 1974, the class I minimum has been $3 million. Effective January 1, 1980 class I revenue are those with $5 million or more. For 1960-1968, class I motor carriers of passengers were classified by the ICC as those with $200,000 or more of gross annual operating revenue; for 1969-1976, as those with revenues of $1 million or more; and since 1977, as those with $3 million or more.

Railroads.—Railroad companies reporting to the ICC are divided into specific groups as follows: (1) Regular line-haul (interstate) railroads (and their non-operating subsidiaries); (2) switching and terminal railroads; (3) private railroads prior to 1964 (identified by ICC as "circular" because they reported on brief circulars); and (4) unofficial railroads, so designated when their reports are received too late for tabulation. For the most part, the last 3 groups are not included in the statistics shown here.

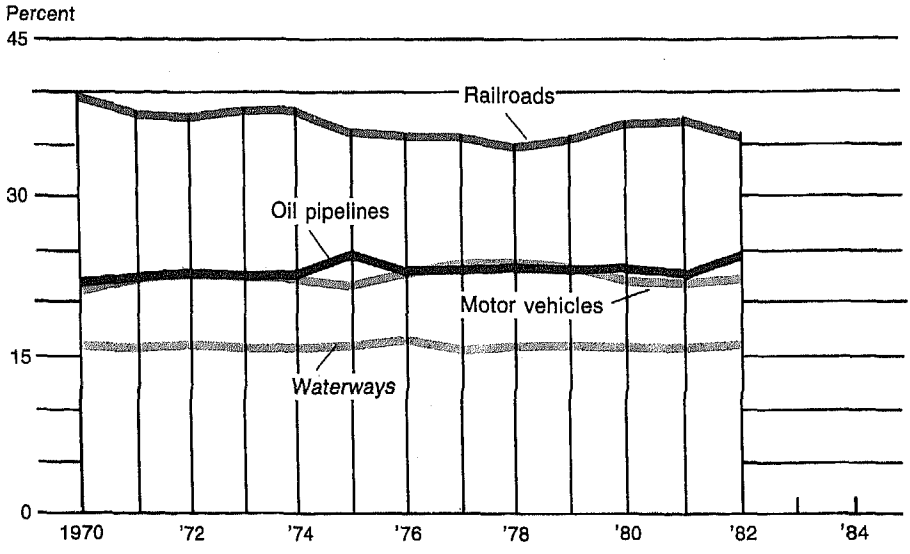
For years prior to 1978, class I railroads were those with annual revenues of $1 million or more for 1950-1955; $3 million or more for 1956-1964; $5 million or more for 1965-1975; and $10 million or more for 1976-1977. Since 1978 the classification has been: Class I, those having more than $50 million gross annual operating revenue; class II, from $10 million to $50 million; and class III, less than $10 million.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 22.1

Ton-Miles of Domestic Intercity Freight Traffic—Percent Distribution by Type of Transportation: 1970 to 1982



Source: Chart prepared by U.S Bureau of the Census. For data, see table 1048.

No. 1042. Passenger and Freight Transportation Outlays, by Type of Transport: 1960 to 1981

[In billions of dollars. Freight data include outlays for mail and express. ICC=Interstate Commerce Commission]

TYPE OF TRANSPORT	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Total outlays [1]	105.6	141.0	195.6	241.0	265.8	281.6	297.8	346.9	392.2	446.1	492.4	543.2	585.2
Passenger, total	60.5	82.2	114.9	148.2	162.4	170.6	187.4	221.8	248.3	279.3	307.6	340.8	370.4
Private transportation	53.3	73.0	99.6	129.9	142.4	147.7	161.3	191.8	215.0	241.9	263.9	288.2	314.2
Automobiles [2]	52.4	71.6	97.0	126.4	138.3	143.3	156.6	186.6	210.0	235.9	256.8	280.6	305.8
New and used cars	20.4	30.4	32.1	45.8	49.8	42.6	46.0	59.7	70.4	80.4	77.1	72.7	80.8
Tires, tubes, accessories	2.9	4.1	7.1	9.4	10.5	11.3	12.4	13.8	15.8	17.2	19.8	22.4	24.7
Gasoline and oil	16.0	19.6	29.9	33.9	38.2	48.8	53.9	58.6	56.7	60.3	78.3	102.3	113.9
Insurance less claims	2.4	2.8	4.4	6.4	6.2	5.9	4.5	6.4	9.5	10.2	10.3	11.5	10.7
Interest on debt	2.8	3.5	4.7	5.5	6.3	6.7	7.3	8.6	10.4	12.8	15.4	17.5	19.5
Registration and operator's permit fees	1.0	1.3	1.9	2.1	2.2	2.3	2.3	2.7	2.8	3.0	3.1	3.3	3.5
Repair, greasing, washing, parking, tolls [3]	6.0	8.2	13.2	16.2	17.2	18.7	22.1	25.0	29.5	33.0	36.7	39.9	41.3
Air	.9	1.4	2.6	3.5	4.1	4.4	4.7	5.2	5.6	5.9	7.1	7.6	8.4
Aircraft	.2	.3	.4	.6	.8	.8	1.0	1.2	1.5	1.7	2.1	2.4	2.8
Operating costs	.7	1.0	2.3	3.0	3.3	3.6	3.8	4.0	4.1	4.2	5.0	5.2	5.6
For-hire transportation	7.2	9.2	15.3	18.3	20.0	22.9	26.2	30.0	33.3	37.3	43.3	52.6	56.2
Local [4]	3.1	3.4	5.4	6.8	7.3	7.9	10.5	12.1	12.7	13.9	15.4	18.7	20.1
Bus and transit [5]	1.3	1.5	1.8	2.2	2.7	2.9	4.7	5.8	5.9	6.7	7.5	9.0	9.6
School bus	.5	.7	1.2	1.5	1.6	1.9	2.2	2.4	2.5	2.7	3.2	3.8	4.2
Taxi	1.1	1.1	2.1	2.9	2.9	3.0	3.4	3.8	4.1	4.3	4.5	5.6	5.9
Intercity	3.3	4.4	7.7	9.4	10.4	12.3	12.9	14.9	17.2	19.6	23.3	28.6	30.9
Air	2.1	3.3	6.6	8.2	9.1	10.8	11.2	13.0	14.9	17.1	20.4	25.3	27.3
Rail [6]	.6	.5	.3	.3	.4	.5	.6	.9	1.2	1.3	1.4	1.6	1.7
Bus	.6	.6	.8	.8	.9	1.0	1.0	1.1	1.1	1.2	1.4	1.7	1.8
International	.9	1.3	2.2	2.2	2.4	2.6	2.7	2.9	3.4	3.8	4.6	5.3	5.3
Freight, total [4]	46.8	61.1	83.8	96.9	107.7	115.7	115.5	133.2	150.4	174.0	192.9	211.4	234.7
Highway	31.5	43.8	62.5	73.3	80.7	84.8	84.8	98.0	111.4	128.8	142.7	155.4	174.5
Truck, intercity	18.0	23.6	33.6	40.0	44.6	48.8	47.4	56.2	67.4	79.6	90.2	96.0	108.8
ICC regulated	7.2	10.1	14.6	18.7	20.8	22.7	22.0	26.0	31.0	36.5	41.2	43.0	47.1
Non-ICC regulated	10.7	13.6	19.0	21.3	23.8	26.1	25.4	30.2	36.4	43.1	49.0	53.0	61.7
Truck, local	13.5	20.1	28.8	33.1	35.9	35.9	37.3	41.6	43.9	49.1	52.3	59.2	65.5
Rail	9.0	9.9	11.9	13.1	14.8	17.0	16.5	19.2	20.5	21.9	24.8	27.7	30.3
Water	3.3	3.8	5.1	5.6	6.8	8.0	7.9	8.9	10.3	12.4	13.4	14.8	15.8
Oil pipeline	.9	1.1	1.4	1.6	1.7	1.9	2.2	2.5	3.2	5.5	6.2	7.1	7.4

[1] Total outlays less than sum of passenger and freight totals, as estimated freight costs included in costs of new cars, gasoline, oil, tires, and tubes have been excluded to prevent duplication. [2] Includes business-owned vehicles. [3] Includes storage and rental. [4] Includes items not shown separately. [5] Includes Federal, State and local government operating subsidies and capital grants. [6] Includes Federal operating subsidies and capital grants for Amtrak.

Source: Transportation Policy Associates, Washington, D.C., *Transportation in America*, March 1983, with periodic supplements. (Copyright.)

No. 1043. Personal Consumption Expenditures for Transportation: 1960 to 1982

[In billions of dollars, except percent. Represents market value of purchases of goods and services by individuals and nonprofit institutions]

TYPE OF PRODUCT OR SERVICE	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total transportation expenditures	42.4	58.4	80.6	117.9	129.4	155.2	179.3	198.1	219.4	236.6	261.7	269.8
Percent of total personal consumption [1]	13.1	13.6	13.0	13.3	13.2	14.3	14.9	14.7	14.6	14.2	14.1	13.5
User-operated transportation	39.1	54.5	74.3	108.8	119.7	144.1	167.0	184.6	204.0	218.5	241.8	249.4
New autos	14.0	21.4	21.9	27.0	29.3	38.1	44.3	48.2	49.1	46.3	50.6	52.9
Net purchases of used autos	2.6	3.9	5.3	7.8	8.9	11.9	13.2	14.9	15.7	15.5	18.8	21.0
Other motor vehicles	.6	1.3	2.9	6.0	7.1	10.9	13.9	17.9	14.9	10.1	11.4	14.4
Tires, tubes, accessories, other parts	2.5	3.4	6.1	9.6	10.5	11.7	13.5	14.7	16.9	18.9	20.9	21.6
Repair, greasing, washing, parking [2]	5.1	6.9	11.2	15.9	18.8	21.3	25.1	28.1	31.2	32.3	35.3	37.5
Gasoline and oil	12.0	14.7	22.4	36.6	40.4	44.0	48.1	51.2	66.6	84.8	94.6	91.5
Bridge, tunnel, ferry, road tolls	.3	.5	.7	.8	.8	.9	.9	.9	.9	1.0	1.0	1.1
Insurance premiums less claims paid	2.0	2.4	3.8	5.1	3.9	5.4	8.1	8.7	8.8	9.7	9.2	9.4
Purchased local transportation [3]	2.0	2.1	3.0	3.7	4.0	4.4	4.7	5.0	5.4	5.8	6.5	6.8
Transit systems	1.3	1.3	1.6	1.8	1.9	2.1	2.2	2.3	2.5	2.6	3.2	3.5
Taxicab	.6	.6	1.2	1.6	1.9	2.1	2.2	2.4	2.7	2.9	2.9	2.9
Purchased intercity transportation	1.3	1.9	3.4	5.5	5.7	6.7	7.7	8.5	10.0	12.3	13.4	13.6
Airline	.7	1.2	2.5	4.1	4.4	5.3	6.1	6.9	8.1	10.0	10.8	10.8
Bus	.3	.4	.5	.7	.7	.7	.7	.7	.9	1.0	1.1	1.1
Railway and other [4]	.3	.3	.4	.7	.7	.8	.8	.9	1.1	1.3	1.5	1.6

[1] See table 744. [2] Includes rental and storage. [3] Includes railway commutation, not shown separately. [4] Railway excludes commutation; "other" consists of baggage charges, coastal and inland waterway fares, and travel agents' fees.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July issues.

No. 1044. Federal Outlays for Transportation, by Function: 1975 to 1983

[In millions of dollars. For years ending June 30 except, beginning 1980, ending Sept. 30. 1983 estimated]

FUNCTION	1975	1980	1982	1983	FUNCTION	1975	1980	1982	1983
Total outlays [1]	10,388	21,120	20,560	22,036	Air transportation—Con.				
Ground transportation	6,501	15,079	14,326	14,571	Aeron. research and technology	316	509	563	567
Highway const. [2]	4,821	8,397	7,934	8,781	Air carrier subsidies	64	89	84	55
Highway safety	150	1,126	269	237	Regulation	(NA)	28	26	24
Mass transit	929	3,307	3,930	3,847	Water transportation	1,459	2,235	2,696	3,160
Railroads	555	2,170	2,126	1,641	Marine safety, trans	922	1,613	2,070	2,554
Regulation	46	79	68	65	Ocean shipping	537	611	614	594
Air transportation	2,408	3,762	3,564	4,185	Regulation	(NA)	11	11	12
Airways and airports	2,029	3,136	2,891	3,539	Other	74	104	90	120

NA Not available. [1] Total reflects deductions for offsetting receipts. [2] Includes improvement.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 1045. Operating, Passenger, and Freight Revenues, by Transport Type: 1970 to 1981

TYPE OF TRANSPORT	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
OPERATING REVENUES (mil. dol.)										
Air carrier, certificated [1]	9,290	12,419	14,703	15,356	17,503	19,926	22,892	27,170	32,947	36,216
Air carrier, supplemental [1]	337	374	429	433	418	516	530	562	782	(NA)
Bus, class I, intercity	722	815	933	955	993	983	1,037	1,205	1,311	1,472
Local transit	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	4,862	5,771	6,638	7,552
Oil pipeline	1,188	1,446	1,587	1,874	2,137	2,792	4,907	5,585	6,141	6,678
Gas pipeline (transmission companies)	5,928	7,712	9,085	11,898	15,416	19,836	22,989	29,919	41,574	50,867
Motor carriers of property, class I, intercity	11,137	16,600	16,704	16,164	18,360	22,520	26,855	29,858	30,338	(NA)
Railroad, class I	11,992	14,770	16,923	16,402	18,537	20,091	21,721	25,219	28,103	30,734
Amtrak	([2])	202	257	253	287	310	321	398	454	512
Water transport, classes A and B [3]	372	474	632	730	777	694	777	[4] 772	(NA)	(NA)
Water transport, maritime	833	1,087	1,478	1,342	1,583	1,643	1,889	[4] 2,235	(NA)	(NA)
Freight forwarders, class A	211	326	362	359	431	615	603	701	721	743
AVERAGE PASSENGER REVENUE PER PASSENGER-MILE (cents)										
Air carrier, certificated: [5] Total	6.00	6.63	7.52	7.69	8.16	8.61	8.49	8.96	11.53	12.83
First class	8.30	8.93	9.89	10.58	11.50	12.21	11.97	11.43	14.35	15.05
Coach plus economy	5.45	6.11	6.94	7.05	7.49	7.92	7.81	8.34	10.87	12.20
Railroad, class I: [6] Total	3.91	4.88	4.98	4.99	5.65	5.74	5.86	6.02	6.15	(NA)
Commutation	3.75	4.29	4.44	4.57	5.04	5.07	5.20	5.37	5.92	(NA)
Other than commutation	4.02	6.81	6.75	6.25	7.60	7.85	7.84	7.93	9.39	(NA)
Amtrak: Total	([2])	4.40	5.23	5.66	5.56	5.83	6.08	6.59	8.18	8.66
Commutation	([2])	3.46	3.52	4.40	3.59	3.01	3.07	3.56	3.62	(NA)
Other than commutation	([2])	4.44	5.29	5.71	5.62	5.92	6.16	6.67	8.32	(NA)
Bus, class I, intercity	3.60	4.05	4.42	4.85	5.14	5.18	5.62	6.21	7.26	[4] 8.33
AVERAGE FREIGHT REVENUE PER TON-MILE (cents)										
Air carrier, certificated [5]	21.91	23.31	25.92	28.22	31.81	34.20	37.10	41.02	46.29	46.80
Railroad, class I	1.43	1.62	1.85	2.04	2.20	2.29	2.36	2.60	2.85	3.16
Motor carriers of property, class I intercity:										
Common	7.46	8.34	9.00	9.20	9.97	10.85	11.20	[4] 11.97	(NA)	(NA)
Contract	6.86	6.68	7.00	7.80	8.20	9.05	12.97	[4] 13.50	(NA)	(NA)
Oil pipelines	.27	.29	.32	.37	.41	.54	.86	.94	1.03	1.22
Water carriers, classes A and B	.43	.55	.67	.77	.74	.81	.84	[4] .90	(NA)	(NA)

NA Not available. [1] Domestic and international. [2] Amtrak established May 1, 1971. [3] Inland and coastal.
[4] Preliminary. [5] Schedule service (domestic). [6] Excludes Amtrak and Auto-Train service.

Source: U.S. Dept. of Transportation, Transportation Systems Center, *National Transportation Statistics*, annual.

No. 1046. Employment and Earnings in Transportation, by Type of Transport: 1965 to 1982

[Annual averages of monthly figures. Based on Current Employment Statistics Program; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Q 36-42]

TYPE OF TRANSPORT	NUMBER (1,000)						AVERAGE WEEKLY EARNINGS (dol.)					
	1965	1970	1975	1980	1981	1982	1965	1970	1975	1980	1981	1982
Total	2,532	2,684	2,636	2,962	2,922	2,794	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Trucking [1]	862	999	1,024	1,189	1,168	1,128	134	164	247	366	395	401
Public warehousing	82	84	84	91	88	84	94	121	171	248	266	278
Railroads	735	634	548	532	495	430	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Class I railroads [2]	640	566	498	482	457	398	131	172	262	427	456	484
Airlines [3]	229	352	363	453	455	445	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Local and interurban passengers	269	269	270	265	265	265	(NA)	(NA)	148	217	231	248
Waterlines [3]	230	213	195	213	219	203	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Pipelines [4]	20	18	18	21	22	22	146	189	280	441	491	537
Transportation services	85	115	134	198	210	217	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Includes terminals. [2] See text, p. 604. [3] Covers establishments engaged in domestic and/or international service. [4] Oil and other commodities, except natural gas.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 1047. 50 Largest Transportation Companies—Revenues and Assets, by Rank of Operating Revenues: 1980 to 1982

[**In billions of dollars, except percent.** Revenues include nontransportation activities; assets as of end of companies' fiscal years. Companies listed derive more than 50 percent of their operating revenues from the transport of passengers and/or freight (e.g., railroads, airlines, motor carriers, pipelines); excludes companies primarily engaged in freight forwarding, or vehicle rental]

Operating revenue group	1980				1981				1982			
	Assets	Operating revenues	Net income	Stockholders' equity	Assets	Operating revenues	Net income	Stockholders' equity	Assets	Operating revenues	Net income	Stockholders' equity
50 largest, total	**84.6**	**76.6**	**3.4**	**30.0**	**88.2**	**81.5**	**3.9**	**29.0**	**87.6**	**77.8**	**2.3**	**29.2**
Lowest ten (41–50)	4.6	3.4	(z)	1.5	5.4	3.8	.4	2.0	4.7	3.4	–.2	1.3
Second ten (31–40)	6.7	5.7	.6	1.7	5.8	5.7	.3	1.3	5.6	4.7	.4	1.7
Third ten (21–30)	13.0	9.9	.8	2.7	12.1	10.0	.7	3.4	11.7	8.8	.7	3.6
Fourth ten (11–20)	23.0	17.3	.8	8.6	25.4	17.9	1.1	8.3	22.3	17.7	.6	7.5
Highest ten (1–10)	37.2	40.3	1.2	15.4	39.5	44.1	1.3	13.9	43.4	43.4	.9	15.2
Percent, total:												
Lowest ten (41–50)	5.4	4.4	.5	5.1	6.1	4.7	10.8	7.0	5.4	4.3	–9.6	4.5
Second ten (31–40)	7.9	7.4	17.5	5.7	6.6	7.0	8.9	4.4	6.4	6.0	16.4	5.7
Third ten (21–30)	*15.4*	*13.0*	*22.9*	*9.1*	*13.8*	*12.3*	*18.5*	*11.8*	13.3	11.3	28.8	12.2
Fourth ten (11–20)	27.2	22.5	24.7	28.7	28.8	22.0	27.9	28.6	25.4	22.7	26.7	25.5
Highest ten (1–10)	44.0	52.7	34.4	51.5	44.8	54.0	33.9	48.1	49.5	55.7	37.7	52.1

Z Less than $50 million.

Source: Time, Inc., New York, N.Y.; adapted from *The Fortune Directory*, July issues. (Copyright.)

No. 1048. Volume of Domestic Intercity Freight and Passenger Traffic, by Type of Transport: 1960 to 1982

[A ton-mile is the movement of 1 ton (2,000 pounds) of freight for the distance of 1 mile. A passenger mile is the movement of 1 passenger for the distance of 1 mile. Comprises public and private traffic, both revenue and nonrevenue. See also *Historical Statistics, Colonial Times to 1970*, series Q1–22]

Type of transport	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
FREIGHT TRAFFIC	BILLIONS OF TON-MILES													
Total	1,314	1,638	1,936	2,072	2,232	2,212	2,066	2,202	2,307	2,467	2,573	2,487	2,443	2,252
Railroads [1]	579	709	771	784	858	852	759	800	834	868	927	932	924	812
Motor vehicles	*285*	*359*	*412*	*470*	*505*	*495*	*454*	*510*	*555*	*599*	*608*	*555*	*540*	*502*
Inland waterways [2]	220	262	319	338	358	355	342	373	368	409	425	407	410	375
Oil pipelines	229	306	431	476	507	506	507	515	546	586	608	588	564	558
Domestic airways [3 4]	.9	1.9	3.3	3.7	4.0	3.9	3.7	3.9	4.2	4.8	4.6	4.8	5.0	4.9
	PERCENT DISTRIBUTION													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Railroads [1]	44.06	43.28	39.82	37.84	38.44	38.52	36.74	36.33	36.15	35.18	36.03	37.47	37.82	36.06
Motor vehicles	21.69	21.92	21.28	22.68	22.63	22.38	21.97	23.16	24.06	24.28	23.64	22.32	22.10	22.29
Inland waterways [2]	16.74	16.00	16.48	16.31	16.04	16.05	16.55	16.94	15.95	16.58	16.52	16.37	16.78	16.65
Oil pipelines	17.43	18.68	22.26	22.97	22.72	22.88	24.54	23.39	23.67	23.75	23.64	23.64	23.09	24.78
Domestic airways [3 4]	.07	.12	.17	.18	.18	.18	.19	.18	.18	.19	.18	.19	.20	.22
PASSENGER TRAFFIC	BILLIONS OF PASSENGER-MILES													
Total [5]	781	918	1,181	1,297	1,341	1,308	1,354	1,460	1,529	1,602	1,590	1,558	1,574	1,610
Private automobiles	706	818	1,026	1,129	1,163	1,122	1,171	1,260	1,316	1,362	1,322	1,300	1,319	1,345
Domestic airways [3 6]	34	58	119	133	143	147	148	164	177	203	228	219	216	228
Bus [7]	19	24	25	26	26	28	25	25	26	26	28	27	27	27
Railroads [1]	22	18	11	9	9	11	10	11	10	11	12	11	12	11
	PERCENT DISTRIBUTION													
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Private automobiles	*90.40*	*89.11*	*86.88*	*87.05*	*86.73*	*85.78*	*86.48*	*86.30*	*86.07*	*85.02*	*83.14*	*83.44*	*83.80*	*83.54*
Domestic airways [3 6]	4.35	6.32	10.08	10.25	10.66	11.24	10.93	11.23	11.58	12.67	14.34	14.06	13.72	14.16
Bus [7]	2.43	2.61	2.12	2.00	1.94	2.14	1.85	1.71	1.70	1.62	1.76	1.73	1.72	1.68
Railroads [1]	2.82	1.96	.93	.69	.67	.84	.74	.75	.65	.69	.75	.71	.76	.68

[1] Includes electric railways and rail commuter service. Beginning 1970, freight traffic excludes mail and express. [2] Includes Great Lakes. [3] Revenue service only for certificated route and charter carriers. [4] Includes express, mail, and excess baggage. [5] Beginning 1979, excludes data for inland waterways. [6] Includes private pleasure and business flying. [7] Excludes school and urban transit buses.

Source: Transportation Policy Associates, Washington, D.C., *Transportation in America*, March 1983, with periodic supplements. (Copyright.)

No. 1049. Fuel Consumption by Mode of Transportation: 1970 to 1981

ITEM	Unit	1970	1973	1975	1976	1977	1978	1979	1980	1981
Class I railroads:										
Locomotives:										
Diesel oil	Mil. gal	3,800	4,141	3,732	3,890	3,982	3,966	4,069	3,942	3,774
Electricity	Mil. kWh	578	346	422	353	417	331	309	190	81
Coal	Tons	1,238	1,202	1,160	1,421	1,569	1,275	1,421	908	(NA)
Motor cars:										
Diesel oil	Mil. gal	8	3	4	5	3	2	3	2	1
Electricity	Mil. kWh	763	901	857	790	986	991	1,062	968	380
Certified air carriers:										
Jet fuel [1]	Mil. gal	10,085	10,671	9,507	9,808	10,268	10,639	11,369	11,131	10,588
General aviation:										
Aviation gasoline	Mil. gal	551	411	412	432	456	518	570	520	489
Jet fuel	Mil. gal	208	304	453	495	536	763	736	766	759
Highway:										
Gasoline:										
Passenger cars and taxis	Mil. gal	65,649	77,619	76,010	78,398	80,225	83,312	79,793	73,375	72,080
Motorcycles	Mil. gal	135	392	447	448	451	463	440	360	360
Diesel and gasoline [2]	Mil. gal	26,544	32,462	32,527	36,853	38,948	41,293	41,882	41,226	40,530
Water transport:										
Fuel oil [3]	Mil. gal	4,593	5,006	5,158	6,123	6,825	8,194	9,634	10,135	9,645
Gasoline	Mil. gal	598	717	730	764	774	812	780	1,052	1,093
Transit:										
Electricity, total	Mil. kWh	(NA)	(NA)	(NA)	(NA)	(NA)	2,017	2,643	2,793	2,818
Motor fuel [4]	Mil. gal	(NA)	(NA)	(NA)	(NA)	(NA)	370	397	425	435
Pipe lines, natural gas	Mil. cu. ft	722,166	728,177	582,963	548,323	532,669	530,451	600,964	634,622	642,325
Non-highway use of gasoline, total	Mil. gal	4,003	3,896	3,642	3,778	3,725	3,577	3,645	3,655	3,515

NA Not available. [1] Includes small amounts of aviation gasoline. [2] Includes commercial and school buses and single-unit and combination trucks. [3] Includes residual and distillate fuel oil. [4] Includes gasoline, diesel oil, and propane.

Source: U.S. Department of Transportation, Transportation Systems Center, Cambridge, Mass., *National Transportation Statistics*, annual.

No. 1050. Transportation Accidents, and Resulting Deaths and Injuries, by Type of Transport: 1970 to 1982

[Data for waterborne carriers are for years ending **June 30** except, beginning **1977,** ending **Sept. 30;** all other data for **calendar year.** For motor vehicle data, see also tables 1064–1066; for railroad data, see also tables 1088 and 1095; for air carrier and general aviation data, see tables 1099 and 1102]

YEAR AND CASUALTY	Total (1,000)	TYPE OF TRANSPORT								Hazardous materials [9]
		Motor vehicle [1] (1,000)	Railroad [2]	Air carrier [3]	General aviation [4]	Recreational boating [5]	Gas pipelines [6]	Liquid pipelines [7]	Waterborne [8]	
Accidents:										
1970	16,021	16,000	8,095	(NA)	(NA)	3,803	1,019	351	2,582	(NA)
1975	16,523	16,500	8,041	31	4,001	6,308	1,373	254	3,305	10,779
1978	18,329	18,300	11,277	21	4,218	6,529	2,088	256	4,268	18,022
1979	18,126	18,100	9,740	24	3,824	5,368	1,920	248	4,665	17,524
1980	17,924	17,900	8,451	15	3,597	5,513	1,996	219	5,738	16,115
1981	18,022	18,000	5,781	25	3,504	5,208	1,695	239	5,217	9,165
1982	18,121	18,100	4,589	16	3,276	5,377	1,708	200	5,414	6,487
Deaths:										
1970	56.5	52.6	785	(NA)	(NA)	1,418	22	4	178	(NA)
1975	48.1	44.6	575	122	1,258	1,466	14	7	190	27
1978	54.1	50.3	582	160	1,558	1,321	31	3	179	46
1979	54.9	51.1	546	351	1,237	1,400	45	4	190	18
1980	54.5	51.1	584	–	1,252	1,360	11	3	147	19
1981	52.5	49.3	556	4	1,288	1,206	17	5	164	10
1982	47.3	44.0	511	235	1,164	1,178	29	–	158	12
Injuries:										
1970	2,025	2,000	21,327	(NA)	(NA)	780	347	21	105	(NA)
1975	1,859	1,800	54,306	75	718	2,136	819	17	74	655
1978	2,076	2,000	72,545	89	747	1,761	452	9	119	1,132
1979	2,077	2,000	74,126	57	625	2,463	57	8	118	941
1980	2,066	2,000	62,246	19	663	2,650	310	15	180	619
1981	1,957	1,900	53,009	230	1,571	2,474	(NA)	(NA)	175	662
1982	1,745	1,700	40,294	257	1,369	2,682	(NA)	(NA)	180	125

– Represents zero. NA Not available. [1] Data on deaths are from U.S. National Highway Traffic Safety Administration and are based on 30 day definition; see table 1064. Other data are from National Safety Council. [2] Number of accidents includes grade crossing accidents and covers only those accidents which result in damages to railroad property exceeding amounts specified by the U.S. Federal Railroad Administration. The reporting threshold was raised from $750 to $1,750 in 1975 to $2,300 in 1977; to $2,900 in 1979; and to $3,700 in 1981. Deaths exclude fatalities in railroad-highway grade crossing accidents. [3] Includes only scheduled air carriers operating under 14 CFR 121 (airlines). Injuries include only serious injuries. 1981 and 1982 injuries include commuter carrier and air taxis. [4] 1975–1982 data excludes commuter and on-demand air taxis operating under 14 CFR 135. [5] Accidents are required to be reported to U.S. Coast Guard whenever they result in a death; a person's losing consciousness or receiving medical treatment or being disabled for more than 24 hours; damages exceeding $100; or a person's disappearance. [6] Accidents as reported on incident/accident reports filed during reporting year. Fatalities and injuries as reported in annual report. [7] Pipelines carrying hazardous materials, petroleum, and liquid petroleum products. [8] Covers accidents involving commercial vessels which must be reported to U.S. Coast Guard if there is property damage exceeding $1,500; material damage affecting the sea-worthiness or efficiency of a vessel; stranding or grounding; loss of life; or injury causing a person's incapacity for more than 3 days. [9] Accidents, deaths, and injuries involving hazardous materials cover all types of transport.

Source: U.S. Dept. of Transportation, Transportation Systems Center, Cambridge, Mass., *Transportation Safety Information Report*, annual.

No. 1051. Highway Mileage—Urban and Rural, by Type of Control, and Federal-Aid Highway System: 1950 to 1981

[**In thousands, except percent.** As of **Dec. 31.** Beginning 1980, data for urban and rural mileage are not comparable to prior years because of classification changes; see text, p. 603. See also *Historical Statistics, Colonial Times to 1970*, series Q 50, 51, and 55]

TYPE AND CONTROL	1950	1955	1960	1965	1970	1975	1978	1979	1980	1981
Total mileage [1]	**3,313**	**3,418**	**3,546**	**3,690**	**3,730**	**3,838**	**3,885**	**3,918**	[2] **3,955**	**3,853**
Urban mileage [3]	323	373	430	506	561	639	694	694	624	632
Under State control	36	42	50	65	74	84	87	86	79	90
Under local control	287	331	379	442	487	555	607	607	543	540
Rural mileage	2,990	3,045	3,116	3,183	3,169	3,199	3,190	3,224	[2] 3,331	3,221
Percent surfaced [4]	56.2	63.8	69.5	72.3	76.1	77.6	79.4	77.5	77.5	86.1
Under State control	580	620	659	687	707	711	704	697	702	726
Under local control	2,336	2,333	2,345	2,346	2,275	2,261	2,254	2,281	2,270	2,236
Under Federal control	73	93	112	150	188	227	232	244	262	256
Federal-aid highway system: [5]										
Primary	234	235	265	269	272	286	301	303	300	298
Interstate	*(X)*	*(X)*	*10*	*21*	*32*	*37*	*42*	*40*	*41*	*42*
Urban	(X)	(X)	(X)	(X)	(X)	65	126	124	124	129
Secondary	410	514	601	640	647	643	396	397	398	401

X Not applicable. [1] Prior to 1980, includes public and nonpublic road mileage; beginning 1981, includes only public road mileage as defined 23 USC 402. [2] Includes 98,000 miles of nonpublic road mileage previously contained in other rural categories. [3] Prior to 1980; represents municipal mileage; see text p. 603. [4] Covers soil-surfaced roads and roads with slag, gravel, stone, bituminous, or concrete surfaces. [5] For definition, see text, p. 603. Beginning 1979, data represent actual mileage open to traffic rather than total highway miles carrying interstate traffic.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1052. Highway Mileage—Urban, Rural, and Federal-Aid Highway System: 1981

[As of **Dec. 31.** For definition of urban, rural, and Federal-aid highway system roads; see text, p. 603]

STATE	Urban (1,000)	Rural (1,000)	FEDERAL-AID HIGHWAY SYSTEM [1] Primary Total	Primary Interstate	Urban	Secondary
U.S.	**632.0**	**3,220.7**	**298,256**	**42,268**	**129,447**	**400,823**
Ala.	13.7	73.5	7,448	825	2,187	11,054
Alaska	1.0	8.1	2,048	[2] 1,091	110	1,944
Ariz.	8.8	69.5	4,612	1,136	1,736	3,159
Ark.	7.5	69.3	5,652	532	934	6,457
Calif.	62.9	113.8	13,507	2,258	15,484	10,716
Colo.	8.7	67.0	5,212	907	2,142	3,448
Conn.	10.0	9.4	1,596	293	2,793	928
Del.	1.4	3.9	465	41	272	630
D.C.	1.1	–	92	12	317	–
Fla.	35.2	62.0	9,779	1,257	5,472	4,672
Ga.	15.6	88.6	11,359	1,163	2,889	14,099
Hawaii	1.2	2.9	540	37	178	406
Idaho	2.3	65.2	3,208	602	578	4,218
Ill.	28.5	105.2	11,375	1,708	6,164	12,852
Ind.	17.3	74.4	6,078	1,114	4,646	9,057
Iowa	8.1	104.4	9,654	783	2,196	13,279
Kan.	8.0	124.2	8,921	806	1,379	22,584
Ky.	6.6	61.8	4,459	737	1,744	7,272
La.	*10.0*	*46.7*	*3,758*	*682*	*1,234*	*7,589*
Maine	2.2	19.7	2,307	310	644	2,739
Md.	9.8	17.2	2,499	381	1,906	2,034
Mass.	19.8	14.0	2,732	529	5,678	2,113
Mich.	25.1	92.3	7,054	1,129	4,804	19,007
Minn.	12.7	118.1	10,117	867	1,859	16,250
Miss.	6.0	64.4	6,521	682	1,415	11,549
Mo.	13.8	104.6	7,908	1,113	2,149	18,110
Mont.	2.5	69.2	6,578	1,120	341	4,725
Nebr.	4.3	87.6	7,743	481	957	11,390
Nev.	2.0	41.5	2,379	534	351	2,401
N.H.	2.1	12.4	1,352	202	582	1,266
N.J.	20.8	12.6	1,779	339	5,189	1,945
N. Mex.	4.4	49.4	4,542	997	660	3,754
N.Y.	36.2	73.4	9,766	1,412	7,838	6,342
N.C.	15.1	77.5	5,083	768	1,768	10,703
N. Dak.	1.4	84.5	6,166	571	366	10,380
Ohio	29.0	81.9	7,872	1,535	7,296	11,798
Okla.	11.5	98.5	6,230	811	2,135	8,852
Oreg.	7.8	113.6	5,679	703	1,743	7,835
Pa.	27.9	89.2	11,418	1,507	6,681	8,219
R.I.	3.6	2.6	474	72	820	166
S.C.	7.2	55.5	6,246	756	804	8,856
S. Dak.	1.6	71.4	6,506	656	332	11,059
Tenn.	11.9	71.6	6,742	1,033	2,438	9,792
Tex.	56.5	211.8	19,734	3,143	6,887	32,675
Utah	4.2	39.5	3,346	780	690	2,628
Vt.	*.7*	*13.2*	*1,407*	*309*	*214*	*1,987*
Va.	12.3	52.4	6,385	1,000	2,662	10,358
Wash.	14.7	68.6	5,682	683	3,857	7,083
W. Va.	3.2	31.8	2,820	390	785	6,331
Wis.	12.9	95.3	9,555	578	2,605	11,839
Wyo.	1.2	35.5	3,871	913	336	2,273

– Represents zero. [1] Highway mileage open to traffic. [2] By authority of Section 10 of P.L. 97-134.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1053. Highway Mileage and Daily Vehicle Miles of Travel (DVMT) by Type of Road: 1981

[Based on data from the Highway Performance Monitoring System (HPMS)]

TYPE	Mileage (1,000)	DVMT (mil.)	PERCENT OF TOTAL	
			Mileage	DVMT
Rural road systems [1]	**3,221**	**1,881**	**100.0**	**100.0**
Principal arterial	115	750	3.6	39.9
Interstate	33	380	1.0	20.2
Other	82	370	2.5	19.6
Minor arterial	149	362	4.6	19.2
Collector	740	534	23.0	28.4
Local	2,217	235	68.8	12.5
Small urban road systems	**153**	**328**	**100.0**	**100.0**
Principal arterial	16	164	10.2	50.1
Interstate	1	25	.9	7.6
Other freeway, expressway	1	16	.8	4.8
Other	13	123	8.5	37.6
Small urban—Con.				
Minor arterial	16	67	10.7	20.3
Collector	19	37	12.2	11.2
Local	103	60	66.9	18.4
Urbanized area road systems	**478**	**2,041**	**100.0**	**100.0**
Principal arterial	45	1,148	9.5	56.3
Interstate	8	431	1.7	21.1
Other freeway, expressway	6	207	1.2	10.2
Other	32	510	6.6	25.0
Minor arterial	50	399	10.4	19.6
Collector	50	184	10.5	9.0
Local	333	310	69.6	15.2

[1] Includes only public road mileage.

Source: U.S. Federal Highway Administration, unpublished data.

No. 1054. Highway Mileage—Pavement Condition for Urban and Rural Areas, by Type of Road System: 1978 to 1981

[Highway pavement condition is classified by the Present Serviceability Rating (PSR) system, which ranges from a high of 5.0 down to 0.0. The reported ranges are defined as: PSR 5.0–3.5, pavements give a first class ride and exhibit few, if any, visible signs of surface wear. Of the quality of new or nearly new pavements. PSR 3.4–2.0, pavements have a riding quality somewhat inferior to that of new pavements or may even be barely tolerable at high speeds. Surfaces may show signs of cracking, substantial patching, and rutting. PSR 1.9–0.0, pavements show extensive wear to the point of needing resurfacing or may even need complete reconstruction]

PAVEMENT CONDITION	INTERSTATE ROAD SYSTEMS			ARTERIAL ROAD SYSTEMS			COLLECTOR ROAD SYSTEMS		
	1978	1980	1981	1978	1980	1981	1978	1980	1981
URBAN AREAS									
Percent of road mileage rated—									
PSR 0.1–1.9 (0.1–2.4) [1]	8	6	6	5	7	7	7	9	9
PSR 2.0–3.4 (2.5–3.4) [1]	34	26	30	48	42	43	59	50	53
PSR 3.5–5.0	58	68	64	47	51	50	34	41	38
RURAL AREAS									
Percent of road mileage rated—									
PSR 0.1–1.9 (0.1–2.4) [1]	9	5	6	6	6	7	9	16	13
PSR 2.0–3.4 (2.5–3.4) [1]	28	26	29	52	46	47	66	55	56
PSR 3.5–5.0	63	69	65	42	48	46	25	29	31

[1] PSR range shown in parentheses applies to Interstate roads only.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1055. Highway Construction—Contracts Awarded: 1960 to 1980

[**In millions of dollars.** Covers contracts awarded and force-account work authorized by State agencies for highways, including Federal-State, Federal-State-Local, and State-Local cooperative work, and a small amount by the Federal government for National Park and Forest roads, etc. Work on local roads and streets is included only when contracted or performed by the State or when Federal funds are involved]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total	**4,039**	**4,825**	**6,506**	**6,462**	**7,154**	**7,187**	**6,037**	**7,542**	**8,904**	**10,778**	**9,865**
Federally aided contracts	3,174	3,921	4,915	4,598	5,257	5,967	5,030	6,169	6,861	8,667	7,880
Federal funds	2,292	3,001	3,657	3,379	4,222	4,824	4,004	4,968	5,504	7,122	6,427
Non-federally aided contracts	865	904	1,592	1,864	1,897	1,220	1,007	1,373	2,043	2,111	1,985
Toll facilities	226	49	49	146	13	11	35	21	13	84	(NA)

NA Not available.

Source: U.S. Federal Highway Administration, *Monthly Highway Construction Contracts.*

No. 1056. Receipts and Disbursements for Highways, by Type: 1970 to 1981

[**In millions of dollars.** Data compiled from reports of State and local authorities. For Federal highway trust fund receipts, disbursements, and balances, see table 502. State data include District of Columbia]

TYPE	1970	1975	1977	1978	1979	1980	1981 [1]		
							Total [1]	Federal	State
Total receipts	**21,747**	**29,160**	**33,243**	**35,504**	**38,085**	**39,715**	**41,127**	**10,227**	**20,856**
Current income	19,861	26,921	31,013	33,621	36,181	37,604	39,357	10,227	19,891
Imposts on highway users [2]	15,311	18,578	21,339	22,360	22,763	22,559	23,759	6,463	16,672
Other taxes and fees	3,732	6,605	7,822	8,905	10,470	11,808	12,056	2,477	1,964
Investment income and other receipts	818	1,738	1,852	2,356	2,948	3,237	3,542	1,287	1,255
Bond issue proceeds [3]	1,886	2,239	2,230	1,883	1,904	2,111	1,770	-	965
Intergovernmental payments [4]	(x)	(x)	(x)	(x)	(x)	(x)	(x)	−9,768	+4,654
Funds drawn from (+) or placed in (−) reserves	−912	−461	−3,411	−2,070	−641	+2,080	+951	+759	−97
Total funds available	20,835	28,699	29,832	33,434	37,444	41,795	42,078	1,218	25,413
Total disbursements	**20,835**	**28,699**	**29,832**	**33,434**	**37,444**	**41,795**	**42,078**	**1,218**	**25,413**
Current disbursements	19,583	27,207	28,184	31,841	35,693	40,084	39,767	1,218	23,834
Capital outlay	*11,575*	*14,398*	*13,079*	*14,938*	*17,612*	*20,337*	*19,384*	*785*	*14,049*
Maintenance and traffic services	4,720	7,286	8,612	9,785	10,571	11,445	12,056	126	5,025
Administration and research	1,275	1,981	2,370	2,590	2,726	3,022	3,245	307	1,973
Law enforcement and safety	1,303	2,413	2,842	3,160	3,359	3,824	3,979	-	2,204
Interest on debt	710	1,129	1,281	1,368	1,425	1,456	1,103	-	583
Debt retirement [3]	1,252	1,492	1,648	1,593	1,751	1,711	2,311	-	1,579

- Represents zero. X Not applicable. [1] Includes other levels of government not shown separately.
[2] Excludes amounts later allocated for nonhighway purposes. [3] Par value. Excludes issue and redemption of short-term notes or refunding bonds. Premiums and discounts on sale of bonds and accrued interest are included with investment income and other receipts. Redemption premiums and discounts are included with interest on debt. [4] Plus sign (+) indicates net receipt of funds from other levels of government; minus sign (−) indicates net disbursement of funds to other levels.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual; and releases.

No. 1057. Disbursements of State Highway Funds—Total, 1975 to 1981, and by Purpose, 1981, by States

[**In millions of dollars.** Comprises disbursements from current revenues or loans for construction, maintenance, interest and principal payments on highway bonds, transfers to local units, and miscellaneous. Includes transactions by State toll authorities. Excludes amounts allocated for collection and nonhighway purposes, and bonds redeemed by refunding. See also *Historical Statistics, Colonial Times to 1970*, series Q 90-94]

STATE	1975, total	1979, total	1980, total	1981 [1]			STATE	1975, total	1979, total	1980, total	1981 [1]		
				Total [1]	State highways						Total [1]	State highways	
					Capital outlays [2]	Maintenance [3]						Capital outlays [2]	Maintenance [3]
U.S.	**21,131**	**26,487**	**30,049**	**29,056**	**13,817**	**4,946**	Mo	448	589	555	500	209	122
							Mont	123	198	224	218	142	35
Ala	364	482	517	576	316	57	Nebr	210	(NA)	274	293	147	36
Alaska	254	(NA)	274	292	140	85	Nev	85	132	169	155	94	23
Ariz	270	345	365	386	205	32	N.H	92	161	152	140	39	37
Ark	283	339	425	326	172	56							
							N.J	510	607	662	737	273	164
Calif	1,497	1,723	1,930	2,119	870	180	N. Mex	142	197	197	273	160	39
Colo	239	364	411	376	147	86	N.Y	1,129	1,694	1,650	1,596	753	267
Conn	351	351	393	403	161	48	N.C	541	755	807	730	316	188
Del	90	118	152	169	84	17	N. Dak	97	137	143	156	88	23
D.C	77	42	57	83	32	24	Ohio	877	1,025	1,032	1,070	359	136
Fla	781	929	1,261	1,206	703	126	Okla	290	408	461	519	228	77
Ga	*487*	*722*	*762*	*879*	*682*	*76*	*Oreg*	*318*	*391*	*482*	*407*	*206*	*42*
Hawaii	105	129	134	126	64	16	Pa	1,485	1,235	1,557	1,679	568	534
Idaho	119	161	153	155	60	30	R.I	52	68	72	74	29	18
Ill	1,189	1,352	1,652	1,452	736	195	S.C	255	306	309	281	130	75
Ind	529	682	688	695	179	182	S. Dak	98	150	151	156	91	29
Iowa	409	566	504	508	169	63	Tenn	467	568	609	576	324	76
Kans	262	385	440	406	215	75	Tex	984	1,313	1,882	1,699	1,114	363
Ky	515	869	913	758	387	120	Utah	125	205	241	219	147	26
La	545	594	682	813	566	59	Vt	76	91	87	110	50	25
Maine	117	169	164	168	71	56	Va	574	870	894	769	362	208
Md	443	612	663	683	179	84	Wash	417	708	787	757	377	120
Mass	415	554	704	(NA)	(NA)	(NA)	W. Va	417	614	672	566	306	131
Mich	794	985	997	1,001	306	120	Wis	371	452	468	467	206	79
Minn	358	557	611	669	243	218	Wyo	116	155	192	196	129	34
Miss	339	427	468	464	284	40							

NA Not available. [1] Includes funds for administration and miscellaneous, highway law enforcement, bond interest, bond redemption, and county and local roads and streets. [2] Outlays for roads and bridges. [3] Includes traffic services.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1058. Federal-Aid Payments to State and Local Governments for Highway Construction—States and Puerto Rico: 1980 to 1982

[In millions of dollars. For years ending Sept. 30]

STATE	1980	1981	1982		STATE	1980	1981	1982		STATE OR OTHER AREA	1980	1981	1982	
			Total	Highway trust fund				Total	Highway trust fund				Total	Highway trust fund
Total U.S	**9,246** **9,177**	**9,068** **9,000**	**7,873** **7,815**	**7,626** **7,583**	Kans	151	133	109	106	Ohio	260	286	232	223
Ala	182	231	189	184	Ky	172	168	135	132	Okla	108	99	58	55
Alaska	105	120	118	107	La	169	167	154	151	Oreg	150	157	139	136
Ariz	148	142	118	115	Maine	47	43	44	42	Pa	249	423	382	369
Ark	158	113	87	85	Md	246	272	327	323	R.I	25	34	25	24
Calif	502	576	509	492	Mass	172	179	144	141	S.C	96	87	87	83
Colo	151	114	128	125	Mich	263	240	248	238	S. Dak	136	65	53	52
Conn	86	93	93	91	Minn	197	192	195	191	Tenn	212	217	163	160
Del	35	42	33	32	Miss	87	82	87	84	Tex	538	581	430	421
D.C	9	23	28	26	Mo	223	201	183	178	Utah	125	137	102	100
Fla	419	363	286	281	Mont	133	128	74	72	Vt	33	34	38	38
Ga	270	245	212	208	Nebr	78	80	73	71	Va	321	260	168	164
Hawaii	66	52	49	48	Nev	89	108	56	43	Wash	273	313	299	296
Idaho	64	58	53	52	N.H	38	36	45	44	W. Va	188	217	183	181
Ill	527	408	350	339	N.J	174	139	158	150	Wis	184	152	129	125
Ind	170	166	161	154	N. Mex	77	85	100	99	Wyo	54	68	57	56
Iowa	143	140	114	111	N.Y	580	453	396	382	Undist	27	34	23	21
					N.C	236	207	168	162					
					N. Dak	60	68	43	42	P. Rico	[1] 42	[1] 35	[1] 35	21

[1] Includes $7 million in 1980; $6 million in 1981; and $12 million in 1982 for other U.S. outlying areas.

Source: U.S. Dept. of the Treasury, *Federal Aid to States*, annual.

No. 1059. Federal and State Gasoline Tax—States: 1970 to 1982

[Cents per gallon. In effect Dec. 31. See also *Historical Statistics, Colonial Times to 1970*, series Q 233–234]

STATE	1970	1980	1981	1982	STATE	1970	1980	1981	1982	STATE	1970	1980	1981	1982
Total	**11.0**	**12.2**	**13.2**	[1] **13.1**	Iowa	7	10	13	13	N.C	9	9	12	12
Federal	4.0	4.0	4.0	4.0	Kans	7	8	8	8	N. Dak	7	8	8	8
State avg.[2]	**7.0**	**8.2**	**9.2**	**9.1**	Ky.[4]	7	9	10	10	Ohio	7	7	10.3	11.7
Ala	7	11	11	11	La	8	8	8	8	Okla	6.5	[5] 6.58	6.58	6.58
Alaska	8	8	8	8	Maine	8	9	9	9	Oreg	7	7	8	8
Ariz	7	8	8	12	Md	7	9	9	13.5	Pa	8	11	11	11
Ark	7.5	9.5	9.5	9.5	Mass	6.5	9.8	11.1	9.9	R.I	8	10	12	13
Calif	7	7	7	9	Mich	7	11	11	13	S.C	7	11	13	13
Colo	7	7	9	9	Minn	7	11	13	13	S. Dak	7	12	13	13
Conn	8	11	11	11	Miss	8	9	9	9	Tenn	7	7	9	9
Del	7	9	11	11	Mo	5	7	7	7	Tex	5	5	5	5
D.C	7	11	13	14	Mont	7	9	9	9	Utah	7	9	11	11
Fla	7	8	8	8	Nebr.[5]	8.5	13.6	13.9	13.9	Vt	8	9	11	11
Ga	6.5	7.5	7.5	7.5	Nev	6	6	10.5	12	Va.[4]	7	11	11	11
Hawaii	[3] 5	8.5	8.5	8.5	N.H	7	11	14	14	Wash	9	12	12	12
Idaho	7	9.5	11.5	12.5	N.J	7	8	8	8	W. Va	8.5	10.5	10.5	10.5
Ill	7.5	7.5	7.5	7.5	N. Mex	7	8	9	11	Wis	7	9	13	13
Ind	8	8.5	11.1	11.1	N.Y	7	8	8	8	Wyo	7	8	8	8

[1] Estimated. [2] Weighted average, based on net gallons taxed. [3] 8 cents per gallon in Hawaii County; 5 cents elsewhere. [4] Trucks or combinations with more than 2 axles pay tax of 2 cents per gallon more. [5] .08 cents per gallon is for inspection fee.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1060. Public Highway Debt—State and Local Governments: 1960 to 1983

[In millions of dollars. Long-term obligations. State data are for calendar years; local data for varying fiscal years. Excludes duplicated and interunit obligations. Municipal debt includes other political subdivisions urban in character. See also *Historical Statistics, Colonial Times to 1970*, series Q 136–147]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982, prel.	1983, est.
Total debt issued[1]	**1,206**	**1,070**	**1,886**	**2,239**	**2,230**	**1,883**	**1,904**	**2,111**	**1,770**	**2,197**	**2,170**
State	680	586	1,305	1,412	1,183	942	941	1,128	965	1,297	1,200
County and local rural	190	169	174	222	339	238	279	291	200	275	300
Municipal	336	315	407	605	708	703	684	692	605	625	670
Total debt redeemed[2]	**616**	**855**	**1,252**	**1,492**	**1,648**	**1,593**	**1,751**	**1,711**	**2,311**	**1,838**	**1,866**
State	300	459	782	908	960	954	960	1,022	1,579	1,065	1,081
County and local rural	96	123	152	166	178	170	177	210	230	250	255
Municipal	220	273	318	418	510	469	614	479	502	523	530
Total debt outstanding	**13,166**	**15,316**	**19,107**	**23,801**	**25,037**	**25,327**	**25,480**	**25,880**	**25,339**	**25,698**	**25,002**
State	9,384	10,905	13,903	17,422	18,187	18,175	18,156	18,262	17,648	17,880	17,999
County and local rural	1,280	1,363	1,685	1,822	2,007	2,075	2,177	2,258	2,228	2,253	2,298
Municipal	2,502	3,048	3,519	4,557	4,843	5,077	5,147	5,360	5,463	5,568	5,705

[1] Excludes refunding issues. [2] Excludes redemptions by refunding.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1061. Motor Vehicles—Summary: 1970 to 1982

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982
SALES, EXPORTS, IMPORTS, AND SCRAPPAGE										
Passenger car factory sales	1,000	6,547	6,713	8,500	9,201	9,165	8,419	6,400	6,255	5,049
Passenger car (new), retail sales [1]	1,000	8,405	8,640	10,110	11,185	11,312	10,671	8,979	8,536	7,981
Domestic [2]	1,000	7,116	7,050	8,607	9,104	9,308	8,341	6,581	6,209	5,759
Subcompact [3]	1,000	1,338	700	632	953	1,191	1,671	1,604	1,630	1,489
Compact [3]	1,000		2,336	2,804	2,364	2,391	2,130	1,659	1,568	1,250
Standard [3]	1,000		1,956	2,394	2,769	2,647	2,147	1,358	1,250	1,377
Intermediate [3]	1,000	5,778	2,058	2,778	3,018	3,079	2,393	1,957	1,757	1,641
Imports [4]	1,000	1,285	1,587	1,498	2,076	2,000	2,329	2,398	2,327	2,222
Passenger cars (new), exported [15]	1,000	285	640	680	697	706	793	617	548	379
Passenger cars (new), imported [16]	1,000	2,013	2,075	2,537	2,791	3,025	3,006	3,248	2,999	3,067
Canada	1,000	693	734	826	850	833	677	595	564	703
Germany, Federal Republic of	1,000	675	370	350	424	416	496	471	376	338
Japan	1,000	381	696	1,129	1,342	1,563	1,617	1,992	1,912	1,823
Truck and bus factory sales	1,000	1,692	2,272	2,979	3,441	3,706	3,037	1,667	1,701	1,906
Truck and bus retail sales [7]	1,000	1,746	2,351	3,044	3,486	3,914	3,236	2,232	1,972	2,248
Light duty (up to 14,000 GVW) [8]	1,000	(NA)	2,076	2,763	3,145	3,547	2,861	1,964	1,747	2,064
Med. duty (14,001–26,000 GVW) [8]	1,000	(NA)	169	162	172	164	152	92	74	46
Heavy duty (over 26,000 GVW) [8]	1,000	126	106	119	169	203	223	176	152	138
Imports, new passenger cars [1]	Mil. dol	3,719	7,483	9,399	11,077	14,072	14,852	16,935	17,939	20,397
Trucks and buses, new [1]	Mil. dol	381	620	834	1,258	2,146	1,841	1,985	4,217	4,453
Exports [1]	Mil. dol	3,871	10,658	12,046	12,544	14,548	16,590	16,015	18,121	16,039
Passenger cars (new) [9]	Mil. dol	822	2,852	3,228	3,568	3,623	4,642	3,932	3,928	2,867
Trucks and buses (new) [9]	Mil. dol	636	2,305	2,141	2,098	2,752	3,267	2,977	3,247	2,642
Parts and accessories [10]	Mil. dol	2,413	5,501	6,678	6,877	8,173	8,681	9,106	10,946	10,530
Vehicles retired from use [11]	1,000	8,298	6,576	7,926	9,902	9,333	11,226	10,137	9,061	8,380
Passenger cars	1,000	7,461	5,669	6,829	8,234	7,907	9,312	8,405	7,542	6,921
Trucks and buses	1,000	837	908	1,097	1,668	1,426	1,916	1,732	1,519	1,459
Average age of cars in use	Years	5.55	5.99	6.16	6.23	6.32	6.41	6.59	6.87	7.15
Average age of trucks in use	Years	7.33	6.94	6.97	6.93	6.86	6.89	7.13	7.45	7.81
Motorcycle registrations, new [12]	1,000	751	747	783	849	797	861	838	794	689
Motorcycle (new) retail sales [13]	1,000	1,010	940	1,050	1,080	975	1,085	1,065	1,045	930
Motorcycle imports, total [14]	1,000	1,091	948	659	860	935	887	1,120	1,057	917
Value [15]	Mil. dol	308	713	467	588	797	870	1,142	1,314	1,110
Vehicle drivers licenses	Million	112	130	134	138	141	143	146	148	149
Percent male	Percent	56.8	54.3	54.1	53.9	53.7	53.5	53.2	53.0	52.8
Percent under 25 years old	Percent	22.1	22.6	22.4	22.1	21.9	21.8	21.5	20.7	20.7
TIRES AND BATTERIES SHIPMENTS										
Tires, passenger car, total [16]	Million	168.6	167.0	177.0	189.6	193.9	174.0	145.9	165.3	167.5
Radials	Million	2.9	61.5	69.0	81.6	89.5	90.9	83.5	108.6	115.9
Replacement	Million	129.6	122.5	122.9	129.3	135.2	121.9	106.9	125.3	130.5
Tires, truck and bus, total [16]	Million	25.7	27.3	31.6	37.2	42.7	39.9	31.1	35.8	33.8
Radials	Million	(NA)	.8	1.2	1.8	3.1	4.1	3.8	9.2	10.4
Replacement	Million	16.7	19.8	22.3	25.9	30.0	28.9	24.4	28.5	28.1
Batteries, total [17]	Million	46.9	52.9	64.1	70.7	73.2	69.3	61.6	65.5	64.6
Replacement automobile batteries	Million	37.9	39.3	49.2	54.6	56.4	53.7	50.1	53.6	54.2
SPECIAL MOTOR VEHICLE TAXES [18]										
Federal excise	Bil. dol	6.8	5.6	6.0	6.5	7.0	7.1	6.4	6.5	6.6
State motor vehicle and carrier receipts	Bil. dol	3.8	5.1	6.1	6.4	6.9	7.4	7.6	8.1	[19] 8.7
State motor fuel, net	Bil. dol	6.5	8.4	8.9	9.3	9.7	9.8	9.6	10.0	10.6
MOTOR VEHICLE REGISTRATIONS										
All vehicles, [20] world	Million	246.5	326.1	341.7	362.6	380.0	396.0	411.1	427.4	(NA)
United States	Million	108.4	132.9	138.5	143.8	148.8	154.1	155.9	158.5	(NA)
Other North and Central America	Million	11.3	15.7	17.0	18.2	19.0	19.0	19.6	23.1	(NA)
South America	Million	8.1	13.0	13.0	15.0	16.7	17.3	18.8	19.5	(NA)
Europe, non-communist area	Million	74.3	96.6	103.0	110.6	111.0	115.0	116.3	120.1	(NA)
Europe, communist area	Million	10.4	16.6	15.0	16.0	22.5	23.7	29.2	31.9	(NA)
Africa	Million	4.5	6.6	6.9	7.3	7.6	8.6	9.5	9.7	(NA)
Asia, non-communist area	Million	22.9	36.2	39.1	42.7	45.3	48.5	51.4	54.2	(NA)
Asia, communist area	Million	.5	.7	.7	.7	.7	.9	.9	.9	(NA)
Oceania	Million	6.0	7.8	8.0	8.3	8.5	8.8	9.5	9.4	(NA)

NA Not available. [1] Based on data from U.S. Dept. of Commerce. [2] Includes domestic models produced in Canada. [3] Source: Board of Governors of the Federal Reserve System, unpublished data. Represents total auto sales data from *Ward's Automotive Reports*. Criteria by which each year's car models are grouped into the major size categories vary among those collecting data. Data shown here follow *Automotive News* classifications. Beginning 1978 cars produced in U.S. by foreign manufacturer are included in subcompact. [4] Excludes domestic models produced in Canada. [5] 1970–1977, covers assembled vehicles only. Beginning 1978, includes chassis. [6] Includes other countries, not shown separately. [7] Excludes motorcoaches and imports from foreign manufacturers. Beginning 1975, includes imports sold by franchised dealers of U.S. manufacturers.

[8] Gross vehicle weight (fully loaded vehicle). [9] Covers assembled and unassembled vehicles. [10] Includes rubber tires and tubes and used vehicles. [11] For years ending June 30. Represents vehicles failing to re-register. [12] Source: R. L. Polk & Company, Detroit, Mich., *New Motorcycle Registrations by States*. Excludes Oklahoma. Reproduction prohibited without Polk permission. [13] Estimates by Motorcycle Industry Council Inc., Newport Beach, Calif. Includes all-terrain vehicles. Excludes mopeds/motorized bicycles. [14] Source: Motorcycle Industry Council, Inc., Newport Beach, Calif. Data from U.S. Dept. of Commerce. Excludes mopeds/motorized bicycles and all-terrain vehicles. [15] Dutiable value for customs purposes prior to 1980 thereafter, C.I.F. value. [16] Includes original equipment. Also includes exports, not shown separately. Source: The Rubber Manufacturers Association, Inc., Washington, D.C., *RMA Monthly Tire Report*. [17] Source: Battery Council International, Chicago, Ill. [18] Special taxes on motor-vehicle users. Excludes income and property taxes on establishments engaged in the production, sale, and repairing of motor vehicles and their parts; and on truck operating companies. Source: U.S. Federal Highway Administration, *Highway Statistics*, annual, and *Estimates of State Highway-User Tax Receipts*, annual. [19] Estimated.

[20] Cars, trucks, and buses. Source: 1970–1975, U.S. Bureau of Domestic Business Development, *World Motor Vehicle Production and Registration*, annual.

Source: Except as noted, Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mich., *Motor Vehicle Facts and Figures*, annual, and *World Motor Vehicle Data*, annual.

No. 1062. Motor-Vehicle Registrations, 1960 to 1982, and Drivers Licenses, 1981, by States

[**In thousands, except as indicated.** Motor vehicle registrations cover publicly, privately, and commercially owned vehicles. For uniformity, figures have been adjusted to a calendar-year basis as registration years in States differ; figures represent net numbers where possible, excluding re-registrations and *nonresident registrations*]

STATE	Automobiles, trucks, and buses [1]								Motorcycles (incl. official) [1] 1982, est.	Drivers licenses, 1981		
	1960, total	1970, total	1975, total	1980, total	1981, total	1982, est.				Total [3]	Percent—	
						Total	Automobiles (incl. cabs)				Male	Under 25 yr. old
							Total	Per 1,000 population [2]				
U.S.	**73,858**	**108,418**	**132,949**	**155,796**	**158,457**	**160,443**	**124,821**	**539**	**6,021**	**147,075**	**[4] 53.0**	**[4] 20.2**
Ala	1,282	1,966	2,493	2,938	3,011	3,134	2,248	570	80	2,316	52.0	21.2
Alaska	81	139	226	262	288	304	188	429	10	228	56.9	23.2
Ariz	624	1,093	1,459	1,917	2,102	2,238	1,603	560	106	2,020	54.1	21.2
Ark	708	1,043	1,283	1,574	1,661	1,713	1,122	490	31	1,532	51.8	15.5
Calif	7,799	11,901	13,891	16,873	16,791	16,843	13,362	540	750	16,046	53.0	19.9
Colo	924	1,442	1,925	2,342	2,479	2,531	1,863	612	127	2,104	51.7	22.0
Conn	1,107	1,733	1,949	2,147	2,107	2,098	1,945	617	74	2,198	51.9	19.8
Del	192	312	351	397	405	410	330	548	12	429	51.7	21.2
D.C	206	257	255	268	273	284	264	418	7	343	(NA)	(NA)
Fla	2,367	4,120	5,395	7,614	7,974	8,119	6,586	632	221	7,641	52.0	18.7
Ga	1,512	2,584	3,211	3,818	3,852	3,882	2,968	526	117	3,518	51.9	21.7
Hawaii	231	405	462	570	581	592	534	537	8	535	55.1	19.1
Idaho	376	488	647	834	857	869	533	552	62	643	52.5	24.4
Ill	3,776	5,238	6,344	7,477	7,597	7,702	6,424	561	310	6,863	53.1	21.7
Ind	2,046	2,818	3,315	3,826	3,891	3,979	2,885	527	185	3,495	49.9	21.4
Iowa	1,325	1,790	2,099	2,329	2,357	2,368	1,713	590	247	2,122	(NA)	(NA)
Kans	1,163	1,548	1,805	2,007	2,023	2,036	1,386	576	126	1,680	51.0	22.0
Ky	1,198	1,763	2,245	2,593	2,593	2,600	1,805	492	66	2,147	53.4	21.5
La	1,177	1,742	2,188	2,779	2,822	2,859	1,991	456	82	2,406	53.4	23.0
Maine	374	510	648	724	729	717	522	461	55	753	51.7	19.5
Md	1,155	1,872	2,423	2,803	2,852	2,896	2,413	566	83	2,723	52.1	20.2
Mass	1,803	2,575	3,107	3,749	3,758	3,768	3,298	570	126	3,593	51.8	19.7
Mich	3,306	4,569	5,545	6,488	6,166	6,088	4,945	543	245	6,450	52.2	24.4
Minn	1,592	2,207	2,525	3,091	3,152	3,185	2,338	566	193	2,383	51.8	20.9
Miss	723	1,117	1,377	1,577	1,576	1,584	1,200	470	30	1,699	52.3	22.7
Mo	1,720	2,408	2,866	3,271	3,334	3,376	2,488	503	107	3,281	51.8	21.6
Mont	373	485	611	680	736	757	431	538	40	484	56.0	22.3
Nebr	734	974	1,165	1,254	1,211	1,194	789	497	51	1,088	51.9	22.8
Nev	175	355	484	655	697	728	528	599	22	642	54.0	20.2
N.H	256	390	485	704	761	773	661	695	60	665	52.1	20.1
N.J	2,401	3,586	4,155	4,761	4,697	4,719	4,176	561	113	5,155	52.6	18.0
N. Mex	426	637	827	1,068	1,048	1,048	687	506	53	914	52.0	21.9
N.Y	5,067	6,718	7,591	8,002	8,120	8,187	7,153	405	194	9,249	54.9	17.1
N.C	1,720	2,826	3,690	4,532	4,546	4,579	3,447	573	116	3,831	51.8	21.9
N. Dak	345	428	551	627	641	652	381	569	32	425	52.6	24.0
Ohio	4,087	5,974	7,179	7,771	7,737	7,721	6,389	592	274	6,337	60.4	19.7
Okla	1,184	1,713	2,113	2,583	2,614	2,807	1,790	563	140	1,953	50.6	21.1
Oreg	919	1,369	1,628	2,081	2,085	2,092	1,551	586	88	1,984	53.0	17.9
Pa	4,287	5,818	7,659	6,926	7,010	7,117	6,017	507	235	7,251	53.8	18.9
R.I	341	488	563	623	596	604	527	550	25	593	51.8	19.7
S.C	879	1,360	1,772	1,996	1,970	1,983	1,504	470	44	1,948	52.0	21.7
S. Dak	354	426	521	601	612	614	379	548	39	476	52.1	24.1
Tenn	1,307	2,050	2,727	3,271	3,533	3,570	2,911	626	84	2,838	52.0	20.3
Tex	4,457	6,693	8,396	10,475	11,123	11,433	8,002	524	353	9,674	52.7	21.4
Utah	417	664	845	992	1,033	1,047	714	459	70	889	49.8	25.0
Vt	152	229	287	347	345	356	275	533	22	349	51.9	19.8
Va	1,426	2,263	3,251	3,626	3,844	3,924	3,297	600	86	3,570	50.9	21.3
Wash	1,377	2,102	2,540	3,225	3,330	3,342	2,405	567	147	2,733	52.7	19.3
W. Va	601	801	966	1,320	1,352	1,390	985	506	39	1,488	56.5	22.2
Wis	1,600	2,182	2,591	2,941	3,098	3,127	2,563	538	211	3,027	52.1	22.0
Wyo	207	247	337	467	487	504	305	608	23	363	54.7	24.5

NA Not available. [1] Excludes vehicles owned by military services. [2] Based on resident population as of July 1. [3] Estimated from data reported by States for current and previous years; allowance has been made for deaths, emigration, or revocation by some States. [4] Excludes District of Columbia and Iowa.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual, and *Drivers Licenses*, annual.

No. 1063. Motor Vehicles—Registrations, Factory Sales, and Retail Sales: 1950 to 1982

[Minus sign (−) indicates decrease. For definition of average annual percent change, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series Q 148-155]

YEAR	REGISTRATIONS [1] (mil.)			Motor-cycle registrations [1] (1,000)	FACTORY SALES (1,000)			PASSENGER CARS RETAIL SALES (1,000)			AVERAGE ANNUAL PERCENT CHANGE [3]	
	Total cars, trucks, buses	Passenger cars and taxis	Trucks and buses		Total cars, trucks, buses	Passenger cars	Trucks and buses [2]	Total	Domestic	Imports	Registrations [4]	Retail sales
1950	49.2	40.4	8.8	454	8,003	6,666	1,337	(NA)	(NA)	(NA)	[5] 7.4	(NA)
1955	62.7	52.1	10.6	412	9,169	7,920	1,249	7,466	7,408	58	5.0	(NA)
1960	73.9	61.7	12.2	574	7,869	6,675	1,194	6,641	6,142	499	3.3	−2.3
1965	90.4	75.3	15.1	1,382	11,057	9,306	1,752	9,332	8,763	569	4.1	7.0
1967	96.9	80.4	16.5	1,953	8,976	7,437	1,539	8,337	7,568	769	3.5	−5.5
1968	100.9	83.6	17.3	2,089	10,718	8,822	1,896	9,656	8,625	1,031	4.1	15.8
1969	105.1	86.9	18.2	2,316	10,147	8,224	1,923	9,583	8,464	1,118	4.2	−.8
1970	108.4	89.2	19.2	2,824	8,239	6,547	1,692	8,405	7,119	1,285	3.2	−12.3
1971	113.0	92.7	20.3	3,344	10,638	8,585	2,053	10,250	8,681	1,568	4.2	22.0
1972	118.8	97.1	21.7	3,760	11,271	8,824	2,447	10,950	9,327	1,623	5.1	6.8
1973	125.7	102.0	23.7	4,371	12,637	9,658	2,980	11,439	9,676	1,763	5.8	4.5
1974	129.9	104.8	25.1	4,966	10,059	7,331	2,727	8,867	7,454	1,413	3.4	−22.5
1975	132.9	106.7	26.2	4,964	8,985	6,713	2,272	8,640	7,053	1,587	2.3	−2.6
1976	136.5	110.4	28.2	4,989	11,480	8,500	2,979	10,110	8,611	1,498	4.2	17.0
1977	142.4	112.3	30.1	4,879	12,642	9,201	3,441	11,185	9,109	2,076	2.8	10.6
1978	148.4	116.6	31.8	4,867	12,871	9,165	3,706	11,312	9,312	2,000	4.2	1.1
1979	151.8	118.4	33.4	5,422	11,456	8,419	3,037	10,671	8,341	2,329	2.3	−5.7
1980	155.8	121.6	34.1	5,694	8,067	6,400	1,667	8,979	6,581	2,398	2.6	−15.9
1981	158.5	123.5	35.0	5,831	7,956	6,255	1,701	8,536	6,209	2,327	1.7	−4.9
1982	[6] 160.4	[6] 124.8	[6] 35.6	[6] 6,021	6,955	5,049	1,906	7,981	5,759	2,222	1.2	−6.5

NA Not available. [1] Excludes Alaska and Hawaii prior to 1960. Includes publicly owned vehicles. Excludes military services' vehicles. [2] Includes standard equipment. [3] From prior year shown. [4] Excludes motorcycles. [5] Change from 1945. [6] Estimate.

Source: Registrations—U.S. Federal Highway Administration, *Highway Statistics*, annual; sales—Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mich., *Motor Vehicle Facts and Figures*, annual.

No. 1064. Motor Vehicle Accidents—Number and Deaths: 1960 to 1982

[1982 data preliminary. See also *Historical Statistics, Colonial Times to 1970*, series Q 208 and Q 224-232]

ITEM	Unit	1960	1965	1970	1972 [1]	1975	1977	1978	1979	1980	1981	1982
Motor vehicle accidents [2]	Million	10.4	13.2	16.0	17.0	16.5	17.6	18.3	18.1	17.9	18.0	(NA)
Cars	Million	16.0	20.3	23.5	24.5	22.5	23.9	24.6	22.9	22.8	22.9	(NA)
Trucks	Million	2.0	2.6	3.2	3.5	3.8	4.7	5.5	5.4	5.5	5.6	(NA)
Motorcycles	1,000	100	235	305	343	372	460	480	480	560	540	(NA)
Motor vehicle deaths within 1 yr. [3]	1,000	38.1	49.2	54.6	56.3	45.9	49.5	52.4	53.5	53.3	51.5	46.3
Noncollision accidents [4]	1,000	11.9	14.9	15.4	15.8	12.7	13.7	14.5	14.8	15.1	14.7	13.1
Collision accidents:												
With other motor vehicles	1,000	14.8	20.8	23.2	23.9	19.5	21.2	22.4	23.1	22.0	21.5	19.2
With pedestrians	1,000	7.9	8.9	9.9	10.3	8.4	9.1	9.6	9.8	9.7	9.1	8.7
With fixed objects [4]	1,000	1.7	2.2	3.8	3.9	3.1	3.4	3.6	3.7	4.4	4.1	3.5
Deaths within 30 days [5]	1,000	36.4	47.1	52.6	54.6	44.5	47.9	50.3	51.1	51.1	49.3	43.7
Vehicle occupants	1,000	27.9	36.8	40.6	41.4	32.8	35.1	37.1	37.2	36.8	35.5	31.2
Pedestrians	1,000	7.2	8.0	9.0	9.2	7.5	7.7	7.8	8.1	8.1	7.8	7.3
Motorcyclists [6]	1,000	.8	1.7	2.3	3.0	3.2	4.1	4.6	4.9	5.1	4.9	4.4
Bicyclists	1,000	.5	.7	.8	1.0	1.0	.9	.9	.9	1.0	.9	.9
Traffic death rates: [5] [7]												
Per 100,000 resident population	Rate	20.2	24.3	25.8	26.2	20.7	21.8	22.7	22.8	22.6	21.5	19.0
Per 100,000 registered vehicles	Rate	48.9	51.3	47.3	44.5	32.3	32.5	32.8	32.0	31.6	30.0	26.4
Per 100 million vehicle miles	Rate	5.1	5.3	4.7	4.3	3.4	3.3	3.3	3.3	3.3	3.2	2.8
Per 100,000 licensed drivers	Rate	41.7	47.8	47.2	46.1	34.3	34.7	35.7	35.7	35.2	34.1	29.5
Motor vehicle accidents [8]	Million	11.4	14.7	22.1	24.9	24.9	26.7	27.7	26.7	24.1	28.3	(NA)
Injuries [8]	1,000	3,078	3,982	4,983	5,190	4,978	5,575	5,798	5,681	5,230	5,019	(NA)
Economic loss [8] [9]	Bil. dol.	10.2	14.2	23.5	28.7	36.1	46.5	52.6	56.4	57.1	58.7	(NA)

NA Not available. [1] Represents peak year for deaths from motor vehicle accidents. [2] Covers only accidents occurring on the road. [3] Deaths that occur within one year of accident. Includes collision categories not shown separately. [4] Beginning 1970, not comparable with previous years due to classification change. [5] Within 30 days of accident. Source: U.S. National Highway Traffic Safety Administration, unpublished data from Fatal Accident Reporting System. [6] Includes motor scooters and motorized bicycles (mopeds). [7] Based on 30-day definition of traffic deaths. [8] Source: Insurance Information Institute, New York, N.Y., *Insurance Facts*. Estimates based on official reports from a representative cross-section of States. Includes all motor vehicle accidents on and off the road and all injuries regardless of length of disability. [9] Wage loss; legal, medical, hospital, and funeral expenses; insurance administrative costs; and property damage.

Source: Except as noted, National Safety Council, Chicago, Ill., *Accident Facts*, annual. (Copyright.)

No. 1065. Deaths From Motor-Vehicle Accidents—by States: 1970 to 1980

[Data differ from table 1064 because data are based on date of death, not date of accident. Data reflect State where death occurred. Includes deaths of nonresidents of U.S. Deaths for 1979–80 classified according to the ninth revision of the *International Classification of Diseases*, for earlier years classified according to the revision in use at the time; see text, p. 61. Data based on Vital Registration System, see Appendix III]

STATE	1970	1972 [1]	1975	1978	1979	1980	STATE	1970	1972 [1]	1975	1978	1979	1980
U.S	**54,845**	**56,528**	**46,032**	**52,653**	**53,786**	**53,476**	**S.A**	**9,796**	**10,600**	**8,358**	**8,943**	**9,379**	**9,767**
Regions:							Del	158	130	129	140	127	164
N. East	8,850	8,992	7,431	7,847	8,240	8,255	Md	809	852	686	752	722	822
N. Central	14,629	14,670	11,293	12,840	12,693	12,244	D.C	140	100	91	68	71	79
South	20,792	21,964	18,029	20,102	20,582	21,014	Va	1,251	1,256	1,069	1,109	1,070	1,111
West	10,574	10,902	9,279	11,869	12,271	11,963	W. Va	561	578	499	507	579	583
N.E	**2,095**	**2,180**	**1,953**	**2,031**	**2,285**	**2,246**	N.C	1,801	2,026	1,560	1,568	1,580	1,588
Maine	288	252	235	246	256	264	S.C	1,070	1,148	837	919	927	895
N.H	182	172	155	166	182	192	Ga	1,825	1,940	1,420	1,548	1,608	1,558
Vt	116	126	124	110	154	131	Fla	2,181	2,570	2,067	2,332	2,695	2,967
Mass	918	1,042	895	918	982	933	**E.S.C**	**4,850**	**4,972**	**3,881**	**4,465**	**4,240**	**3,995**
R.I	143	144	140	131	146	142	Ky	1,081	1,114	885	908	942	865
Conn	448	444	404	460	565	584	Tenn	1,525	1,526	1,280	1,387	1,366	1,280
M.A	**6,755**	**6,812**	**5,478**	**5,816**	**5,955**	**6,009**	Ala	1,297	1,356	1,087	1,295	1,131	1,054
N.Y	3,117	3,140	2,277	2,549	2,500	2,717	Miss	947	976	629	875	801	796
N.J	1,289	1,352	1,099	1,148	1,173	1,130	**W.S.C**	**6,146**	**6,392**	**5,790**	**6,694**	**6,983**	**7,252**
Pa	2,349	2,320	2,102	2,119	2,282	2,162	Ark	595	750	577	585	550	607
E.N.C	**9,623**	**9,514**	**7,361**	**8,569**	**8,583**	**8,000**	La	1,194	1,136	993	1,185	1,258	1,261
Ohio	2,488	2,336	1,652	2,021	2,244	1,976	Okla	787	792	748	948	942	1,006
Ind	1,587	1,578	1,139	1,312	1,351	1,213	Tex	3,570	3,714	3,472	3,976	4,213	4,378
Ill	2,267	2,216	1,816	2,172	2,053	1,985	**Mt**	**3,549**	**3,764**	**3,206**	**4,050**	**4,211**	**4,071**
Mich	2,172	2,236	1,811	2,083	1,899	1,817	Mont	340	408	294	278	346	339
Wis	1,109	1,148	943	981	1,036	1,009	Idaho	320	324	291	331	353	345
W.N.C	**5,006**	**5,156**	**3,932**	**4,271**	**4,110**	**4,244**	Wyo	210	196	210	249	260	246
Minn	1,028	1,052	798	993	914	900	Colo	697	746	621	735	751	783
Iowa	946	904	714	661	683	662	N. Mex	568	588	556	678	668	617
Mo	1,479	1,500	1,105	1,271	1,236	1,239	Ariz	782	858	713	1,044	1,076	983
N. Dak	194	206	183	205	157	184	Utah	354	354	285	403	352	370
S. Dak	240	312	216	204	230	238	Nev	278	290	236	332	405	388
Nebr	435	504	385	357	341	406	**Pac**	**7,025**	**7,138**	**6,073**	**7,819**	**8,060**	**7,892**
Kans	684	678	531	580	549	615	Wash	902	836	804	1,052	1,113	1,048
							Oreg	739	774	582	754	720	698
							Calif	5,114	5,300	4,414	5,680	5,917	5,860
							Alaska	107	64	120	119	87	91
							Hawaii	163	164	153	214	223	195

[1] Represents peak year for deaths from motor vehicle accidents.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and unpublished data.

No. 1066. Estimated Licensed Drivers and Drivers Involved in Fatal Accidents, by Age-Group of Driver: 1982

ITEM	Unit	Total	Under 20 years old	20–24 years old	25–34 years old	35–44 years old	45–54 years old	55–64 years old	65 years old and over
Licensed drivers	1,000	144,610	11,003	18,722	36,212	25,427	19,831	17,901	15,514
Percent distribution	Percent	100.0	7.6	12.9	25.0	17.6	13.7	12.8	10.7
Drivers involved in fatal accidents	1,000	55.8	8.0	11.6	15.0	8.1	5.1	4.0	4.0
Percent distribution	Percent	100.0	14.4	20.8	26.9	14.5	9.1	7.2	7.1

Source: U.S. Federal Highway Administration, *Drivers Licenses*, annual, and U.S. National Highway Traffic Safety Administration, unpublished data from Fatal Accident Reporting System.

No. 1067. Motor Vehicle Safety Defect Recalls, by Domestic and Foreign Manufacturers: 1970 to 1982

[Covers manufacturers reporting to U.S. National Highway Traffic Safety Administration under section 151 of National Traffic and Motor Vehicle Safety Act of 1966, as amended]

MANUFACTURER	Unit	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Motor vehicles:												
Total recall campaigns [1]	**Number**	**154**	**251**	**247**	**217**	**209**	**246**	**271**	**275**	**167**	**156**	**135**
Domestic	Number	100	208	208	190	169	195	199	218	129	128	107
Foreign	Number	54	43	39	27	40	51	72	57	38	28	28
Total vehicles recalled	**1,000**	**1,240**	**7,000**	**2,877**	**2,109**	**3,492**	**12,923**	**9,063**	**8,919**	**4,863**	**9,405**	**1,914**
Domestic	1,000	738	6,667	2,345	1,829	3,019	10,693	7,921	6,997	3,939	7,379	1,401
Vehicles recalled by 4 leading auto manufacturers	1,000	563	6,477	2,194	1,602	2,854	10,331	7,670	6,989	3,730	7,247	1,324
Foreign	1,000	502	333	531	280	474	2,230	1,141	1,922	924	2,026	513
Motor vehicle tires:												
Recall campaigns [1]	Number	11	20	26	22	28	35	31	42	24	25	17
Tires recalled	1,000	160	132	1,094	72	464	471	14,686	235	7,070	125	131

[1] A recall campaign is the notification to the Secretary of the U.S. Dept. of Transportation and to owners, purchasers, and dealers, of a motor vehicle safety defect.

Source: U.S. National Highway Traffic Safety Administration, *Motor Vehicle Safety Defect Recall Campaigns*, annual.

No. 1068. Automobile Output—Production and Value: 1965 to 1982

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
New auto sales, total (mil. units)	9.3	8.4	11.4	8.9	8.6	10.1	11.2	11.3	10.7	9.0	8.5	8.0
Domestic sales (mil. units)	8.8	7.1	9.7	7.5	7.1	8.6	9.1	9.3	8.8	6.6	6.2	5.8
Sales of imports (mil. units)	.6	1.3	1.8	1.4	1.6	1.5	2.1	2.0	2.3	2.4	2.3	2.2
Percent of total	6.1	15.3	15.5	16.1	18.6	15.0	18.8	17.9	22.1	26.7	27.3	27.6
VALUE IN CURRENT DOLLARS (bil.)												
Gross auto output	31.2	28.7	46.2	39.2	40.7	55.9	65.1	69.5	68.0	60.8	70.4	66.6
As percent of GNP [1]	4.5	2.9	3.5	2.7	2.6	3.3	3.4	3.2	2.8	2.3	2.4	2.2
Final sales	30.5	29.8	45.4	38.1	42.3	54.6	64.0	68.8	69.1	61.5	69.9	69.9
Personal consumption expenditures	25.3	27.3	41.2	34.8	38.2	50.0	57.5	63.1	64.8	61.8	69.3	73.9
New autos	21.4	21.9	33.9	27.0	29.3	38.1	44.3	48.2	49.1	46.3	50.6	52.9
Net purchases of used autos	3.9	5.3	7.3	7.8	8.9	11.9	13.2	14.9	15.7	15.5	18.8	21.0
Producers' durable equipment	5.1	4.9	8.3	7.6	7.6	9.8	12.6	14.7	13.4	11.5	13.3	12.4
New autos	6.6	7.6	11.6	11.4	12.5	15.4	19.1	22.2	22.5	21.0	24.6	24.9
Net purchases of used autos [2]	−1.5	−2.6	−3.3	−3.8	−4.9	−5.9	−6.5	−7.5	−9.1	−9.5	−11.3	−12.6
Net exports	−.3	−2.9	−4.7	−5.0	−4.2	−5.7	−7.0	−10.0	−10.1	−12.8	−13.8	−17.4
Exports	.4	.8	1.8	2.3	2.9	3.3	3.6	3.7	4.7	4.0	4.0	2.9
Imports	.7	3.7	6.5	7.3	7.1	8.9	10.7	13.7	14.8	16.8	17.8	20.3
Govt. purchases of goods and services	.4	.5	.6	.7	.7	.7	1.0	1.0	1.0	1.0	1.0	1.0
Change in business inventories [3]	.8	−1.2	.8	1.1	−1.5	1.3	1.1	.6	−1.1	−.7	.5	−3.3
Domestic output [4]	28.3	23.8	40.0	32.6	33.7	46.2	54.8	58.2	57.9	49.4	56.0	50.6
Sales of imports [5]	1.3	5.8	9.0	8.9	10.4	11.4	14.9	16.4	19.3	21.8	24.8	27.9
VALUE IN CONSTANT (1972) DOLLARS (bil.)												
Gross auto output	35.7	29.8	46.4	37.1	35.7	45.3	50.7	50.3	47.0	39.4	42.6	38.5
As percent of GNP [1]	3.8	2.7	3.7	3.0	2.9	3.5	3.7	3.5	3.2	2.7	2.8	2.6
Final sales	34.8	31.0	45.5	36.2	37.0	44.4	49.7	50.1	47.5	39.9	42.1	40.3
Personal consumption expenditures	29.2	28.8	40.7	32.2	32.0	38.7	42.1	42.9	41.0	36.6	37.2	37.1
New autos	23.5	22.7	33.9	25.5	25.4	31.1	34.4	34.8	32.9	28.7	29.6	29.8
Net purchases of used autos	5.7	6.2	6.8	6.7	6.6	7.5	7.7	8.0	8.1	7.8	7.6	7.3
Producers' durable equipment	5.6	5.0	8.5	7.3	7.2	8.7	10.9	11.6	10.1	8.0	9.5	9.3
New autos	7.3	7.8	11.6	10.7	10.9	12.6	14.8	16.0	15.1	13.0	14.4	14.0
Net purchases of used autos [2]	−1.7	−2.8	−3.1	−3.4	−3.7	−3.9	−3.9	−4.5	−5.0	−5.0	−4.9	−4.7
Net exports	−.4	−3.4	−4.3	−4.0	−2.8	−3.6	−4.0	−5.1	−4.3	−5.3	−5.3	−6.8
Exports	.4	.9	1.8	2.2	2.5	2.7	2.8	2.7	3.2	2.5	2.3	1.6
Imports	.9	4.3	6.1	6.2	5.3	6.3	6.9	7.8	7.6	7.9	7.6	8.4
Govt. purchases of goods and services	.5	.5	.6	.6	.6	.6	.8	.8	.7	.7	.7	.7
Change in business inventories [3]	.9	−1.2	.9	.9	−1.3	.9	1.0	.2	−.5	−.5	.5	−1.8
Domestic output [4]	31.1	24.6	40.0	30.8	29.2	37.8	42.5	42.1	38.9	30.7	32.8	28.5
Sales of imports [5]	1.4	6.0	9.0	8.4	9.0	9.3	11.6	11.8	12.9	13.5	14.5	15.7

[1] For definition of gross national product (GNP), see text, p. 445. [2] Minus sign (−) denotes greater sales than purchases of used autos. [3] New and used autos. Minus sign (−) indicates decline in business inventories. [4] Consists of final sales and change in business inventories of new autos produced in the U.S. [5] Consists of personal consumption expenditures, producers' durable equipment, and government purchases.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76,* and *Survey of Current Business,* July 1982 and July 1983.

No. 1069. Cars and Trucks in Use, by Age: 1965 to 1982

[As of **July 1.** Beginning 1980, passenger vans (approx. 1.4 million) were reclassified from passenger cars to trucks. Excludes vehicles for which age was not known]

AGE	NUMBER (mil.)							PERCENT						
	1965	1970	1975	1979	1980	1981	1982	1965	1970	1975	1979	1980	1981	1982
Total cars	68.9	80.4	95.2	104.7	104.6	105.8	106.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 3 years	21.6	24.4	25.8	28.2	26.6	24.2	21.5	31.3	30.3	27.1	26.9	25.6	22.9	20.1
3–5 years	18.0	24.9	27.0	25.2	25.5	28.8	29.9	26.1	31.0	28.3	24.1	24.4	27.2	28.0
6–8 years	13.6	18.4	22.0	25.0	25.2	23.0	22.2	19.7	22.9	23.1	23.9	24.1	21.7	20.7
9–11 years	9.9	7.7	13.9	14.9	14.6	16.0	17.9	14.3	9.6	14.6	14.3	14.0	15.1	16.7
12 years and over	5.9	4.9	6.6	11.3	12.5	13.9	15.4	8.6	6.1	6.9	10.8	11.9	13.1	14.4
Average age	5.9	5.6	6.0	6.4	6.6	6.9	7.2	(x)	(x)	(x)	(x)	(x)	(x)	(x)
Total trucks	13.1	17.7	24.8	32.6	35.2	36.1	37.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 3 years	3.2	4.7	6.9	9.2	8.8	7.3	5.6	24.6	26.5	27.9	28.2	24.9	20.2	15.1
3–5 years	2.5	4.3	5.8	7.3	8.1	9.7	10.7	18.9	24.1	23.3	22.3	23.1	26.9	29.0
6–8 years	2.0	3.0	4.4	6.2	7.4	7.1	7.1	14.9	16.7	17.9	19.1	21.0	19.7	19.2
9–11 years	1.8	1.9	3.2	4.0	4.4	4.9	5.7	14.1	10.5	13.0	12.3	12.5	13.6	15.4
12 years and over	3.6	3.9	4.4	5.9	6.5	7.2	7.9	27.6	22.2	17.8	18.1	18.4	19.9	21.2
Average age	8.0	7.3	6.9	6.9	7.1	7.5	7.8	(x)	(x)	(x)	(x)	(x)	(x)	(x)

X Not applicable.

Source: R. L. Polk & Co., Detroit, Mich. In Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mich., *Motor Vehicle Facts and Figures,* annual. (Copyright; further reproduction prohibited without Polk permission.)

No. 1070. Automobiles—Factory-Installed Equipment: 1970 to 1982

[Refers to model-year production. For certain items, such as air-conditioning, a significant number of units are installed on new vehicles after they leave the factory]

Equipment	Units installed (mil.)							Percent of cars produced						
	1970	1975	1978	1979	1980	1981	1982	1970	1975	1978	1979	1980	1981	1982
Transmission:														
Automatic	7.2	6.2	8.6	8.2	6.1	5.6	4.7	91.0	91.6	93.1	90.9	82.2	85.3	85.8
Manual	.7	.6	.6	.8	1.3	1.0	.8	8.9	8.4	6.6	9.0	17.8	14.6	14.2
V-8	6.7	4.9	6.1	5.6	2.3	1.9	1.6	84.2	71.4	65.8	61.7	31.6	29.0	28.9
6-cylinder engine	1.2	1.3	2.2	2.1	2.7	2.3	1.7	15.7	19.6	24.0	23.1	36.0	36.0	31.1
4-cylinder engine	(NA)	.6	.9	1.4	2.4	2.2	2.2	(NA)	9.0	10.2	15.2	32.4	35.0	40.0
Diesel engine	–	–	(z)	.1	.4	.5	.3	–	–	.3	1.5	4.9	7.3	4.9
Power brakes	4.4	5.2	8.1	7.7	6.2	5.6	5.0	56.0	75.8	87.9	85.5	83.1	86.0	90.2
Power steering	6.4	6.1	8.6	8.2	6.2	5.7	4.9	81.2	89.7	92.6	90.8	82.9	87.1	89.7
Power windows [1]	1.3	1.6	2.8	2.7	1.6	1.7	1.8	16.7	24.1	30.5	29.5	22.3	26.6	32.5
Air-conditioning	4.8	4.9	7.5	7.3	5.4	5.1	4.5	60.9	73.1	80.7	81.0	72.6	78.4	81.8
Tinted glass [2]	5.5	5.5	7.9	8.0	5.9	5.6	4.8	69.5	80.6	85.7	88.6	80.8	85.3	87.4

– Represents zero. NA Not available. Z Less than 50,000. [1] Includes station wagon power rear windows. [2] Covers windshield and other glass.

Source: Chilton Company, Radnor, Pa., *Annual Statistical Issue, Automotive Industries.* (Copyright.)

No. 1071. Cars in Operation With Emission Controls: 1965 to 1982

[As of July 1. Figures show cars with emission controls whether or not the controls are in operation]

Emission controls	Cars (millions)								Percent		
	1965	1971	1975	1978	1979	1980 [1]	1981	1982	1971	1975	1982
Total cars	68.9	83.1	95.2	103.0	104.7	104.6	105.8	106.9	100.0	100.0	100.0
No emission controls	46.0	12.8	4.0	2.3	1.7	1.4	7.4	6.4	15.4	4.2	6.0
Crankcase control [2]	22.9	35.8	21.4	11.0	8.9	7.2			43.1	22.5	
Exhaust and crankcase controls [3]	–	27.7	24.6	17.8	14.9	12.1	10.2	8.6	33.3	25.8	8.0
Fuel evaporation and above controls [4]	–	6.8	18.5	16.3	14.8	13.0	11.5	10.0	8.2	19.4	9.4
Nitrogen oxide and above controls [5]	–	–	22.0	21.0	19.9	18.5	17.3	15.8	–	23.1	14.8
Catalyst and above controls [6]	–	–	4.7	34.6	44.4	52.3	59.4	66.1	–	4.9	61.8

– Represents zero. [1] Beginning 1980, passenger vans (approx. 1.4 million) were reclassified from passenger cars to trucks. [2] Installed nationwide, starting with 1963 models, to reduce emissions of hydrocarbons. [3] Exhaust controls introduced nationwide on 1968 models to accelerate the reduction of hydrocarbon emissions and emissions of carbon monoxide. [4] Begun on 1971 models to eliminate losses from gasoline tanks and carburetors. [5] Available on some 1971 and 1972 models and all 1973 and later models to lower emissions of nitrogen oxides. [6] Catalyst or equivalent control systems introduced on cars in 1975 to meet tougher emission levels for hydrocarbons and carbon monoxide.

Source: Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mich., *Motor Vehicle Facts and Figures,* annual. Computed from R. L. Polk & Co. data.

No. 1072. Recreational Vehicles—Number and Retail Value of Shipments: 1965 to 1982

Type	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
NUMBER (1,000)													
Total	192.8	380.3	583.0	528.8	295.8	339.6	541.1	533.9	526.3	307.7	181.4	239.1	258.0
Motorized homes	4.7	30.3	116.8	129.0	68.9	96.6	256.1	280.2	293.6	172.6	99.9	135.2	152.5
Travel trailers	76.6	138.0	250.9	212.3	126.3	150.6	189.7	167.9	159.8	90.2	52.0	63.8	65.5
Folding camping trailers	67.2	116.1	110.2	97.7	55.2	48.1	53.3	53.9	48.2	31.1	24.5	35.0	34.3
Truck campers	44.3	95.9	105.1	89.8	45.4	44.3	42.0	31.9	24.7	13.8	5.0	5.1	5.7
RETAIL VALUE (mil. dol.)													
Total	308	1,122	2,365	2,322	1,392	2,320	4,284	5,327	5,683	3,538	1,952	2,775	3,505
Motorized homes	34	318	1,011	1,153	624	1,251	2,923	3,876	4,329	2,682	1,381	2,019	2,701
Travel trailers	169	445	971	843	567	856	1,132	1,229	1,153	725	485	631	666
Folding camping trailers	30	175	166	160	109	101	117	123	116	83	69	105	110
Truck campers	75	183	218	167	92	112	112	99	85	48	17	20	28

Source: Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mich., *Motor Vehicle Facts and Figures,* annual. Data from Recreation Vehicle Industry Association, *RVs . . . The Family Camping Vehicle, A Year-End Report/1982.*

No. 1073. Motor Vehicle Travel, by Type of Vehicle, and Speed: 1960 to 1981

[**Travel in billions of vehicle-miles, except as indicated.** Travel estimates based on automatic traffic recorder data. Urban travel includes all travel in municipalities and urbanized areas. All other travel is classed as rural. Speed trend data for 1960–1975 were collected by several State highway agencies, normally during summer months; beginning Oct. 1975 all States have monitored speeds at locations on several highway systems as part of 55 mile per hour Speed Limit Monitoring Program. Minus sign (–) indicates decrease. For definition of average annual percent change, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series Q 199–207]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Total travel	**719**	**888**	**1,121**	**1,268**	**1,309**	**1,286**	**1,330**	**1,412**	**1,477**	**1,548**	**1,529**	**1,521**	**1,550**
Average annual percent change	[1] 3.6	4.3	4.8	6.4	3.2	–1.8	3.5	6.2	4.6	4.8	–1.2	–.5	1.9
Passenger cars [2]	588	712	901	1,004	1,037	1,013	1,051	1,098	1,141	1,194	1,163	1,130	1,132
Rural	303	333	406	436	444	427	441	462	475	501	478	459	457
Urban	285	378	495	568	592	586	610	637	666	694	684	671	676
Buses	4.4	4.8	5.0	5.1	5.0	5.1	5.1	5.8	5.9	6.1	6.1	6.4	6.4
Rural	2.3	2.6	2.8	3.0	2.9	3.0	3.0	3.2	3.2	3.2	3.2	3.3	3.0
Urban	2.1	2.2	2.2	2.1	2.1	2.1	2.2	2.6	2.7	2.9	2.9	3.1	3.4
Trucks and combinations	126	171	215	260	267	268	275	308	330	348	360	385	412
Rural	82	103	134	151	154	153	157	163	176	186	188	211	227
Urban	45	69	81	108	113	114	118	145	153	162	172	174	184
Average miles per vehicle (1,000):													
Passenger vehicles	9.5	9.3	9.8	10.0	9.8	9.2	9.4	9.5	9.6	9.8	9.3	8.9	8.8
Passenger cars [2]	9.4	9.3	9.8	10.0	9.8	9.2	9.4	9.5	9.6	9.8	9.2	8.9	8.8
Buses	16.0	15.2	13.3	12.6	11.7	11.3	11.1	12.0	12.0	12.1	11.7	12.1	11.8
Trucks	10.6	11.6	11.5	12.2	11.5	10.9	10.6	11.1	11.1	11.0	10.8	11.4	11.9
Motor vehicle speed: [3]													
Vehicles recorded (1,000)	(NA)	(NA)	200	160	181	203	102	515	500	468	506	667	3,048
Avg. speed, all vehicles (miles per hr)	54.8	60.6	63.8	64.9	65.0	57.6	57.6	58.2	58.8	58.8	58.3	57.5	57.9
Percent of vehicles exceeding—													
55 m.p.h	47	72	87	89	89	65	68	69	74	74	72	66	68
60 m.p.h	24	51	69	71	72	29	27	32	35	36	32	25	30
65 m.p.h	(NA)	(NA)	44	49	50	9	7	10	10	10	9	7	9

NA Not available. [1] Change from 1955. [2] Includes taxicabs and motorcycles. [3] For 1960–1979, based on free flow speed of vehicles recorded on level, straight sections of rural interstate highways during off-peak hours; beginning 1980, based on all vehicles on rural interstate highways. Beginning 1976, for year ending Sept. 30.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual, and unpublished data.

No. 1074. Domestic Motor Fuel Consumption, by Type of Vehicle: 1960 to 1981

[Comprises all fuels (gas, diesel, or other fuels) used for propulsion of vehicles under State motor fuels laws. Excludes Federal purchases for military use. Minus sign (–) indicates decrease. See also, *Historical Statistics, Colonial Times to 1970*, series Q 156–162]

YEAR	FUEL CONSUMPTION					AVERAGE FUEL CONSUMPTION PER VEHICLE (gal.)				AVERAGE MILEAGE PER GALLON			
	All vehicles (bil. gal.)	Avg. annual percent change [1]	Cars [2] (bil. gal.)	Buses [3] (bil. gal.)	Trucks [4] (bil. gal.)	All vehicles	*Cars* [2]	*Buses* [3]	*Trucks* [4]	All vehicles	*Cars* [2]	*Buses* [3]	*Trucks* [4]
1960	57.9	4.0	41.2	.8	15.8	777	661	3,040	1,330	12.42	14.28	5.26	7.96
1965	71.1	4.2	50.3	.9	19.9	775	656	2,844	1,347	12.49	14.15	5.35	8.60
1970	92.3	5.4	65.8	.9	25.6	830	722	2,491	1,365	12.14	13.58	5.34	8.39
1971	97.6	5.7	69.5	.9	27.1	838	723	2,382	1,368	12.16	13.73	5.38	8.38
1972	105.1	6.7	73.5	.9	30.7	859	730	2,165	1,446	12.07	13.67	5.80	8.59
1973	110.5	6.2	78.0	.8	31.6	851	736	1,991	1,361	11.85	13.29	5.86	8.45
1974	106.3	–3.8	74.2	.9	31.2	788	676	1,919	1,268	12.09	13.65	5.90	8.57
1975	109.0	2.5	76.5	.9	31.6	790	685	1,937	1,227	12.20	13.74	5.75	8.68
1976	115.7	6.2	78.8	1.0	35.9	807	686	2,015	1,292	12.20	13.93	5.98	8.58
1977	119.6	3.4	80.7	1.0	38.0	804	680	2,002	1,284	12.34	14.15	5.98	8.68
1978	125.1	4.6	83.8	1.0	40.3	813	688	2,041	1,270	12.38	14.26	5.95	8.64
1979	122.1	–2.4	80.2	1.0	40.9	765	638	1,966	1,225	12.52	14.49	5.97	8.62
1980	115.0	–5.8	73.7	1.1	40.1	711	579	2,034	1,194	13.23	15.32	5.95	9.58
1981	114.5	–.4	72.1	1.1	41.3	697	557	1,998	1,198	13.55	15.71	5.90	9.97

[1] From prior years shown. For 1960, change from 1955. [2] Includes taxicabs and motorcycles. [3] Includes school buses. [4] Includes combinations.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1075. Domestic Motor Gasoline Supply: 1973 to 1983

Year	Supply [1] (1,000 bbls. per day) Total	Supply [1] (1,000 bbls. per day) Unleaded	Production (1,000 bbls. per day)	Net imports (1,000 bbls. per day)	Stocks [2] (mil. bbls.)	Year and month	Supply [1] (1,000 bbls. per day) Total	Supply [1] (1,000 bbls. per day) Unleaded	Production (1,000 bbls. per day)	Net imports (1,000 bbls. per day)	Stocks [2] (mil. bbls)
1973, avg	6,674	(NA)	6,535	130	209	1982, March	6,466	3,358	5,994	139	247
1974, avg	*6,537*	*(NA)*	*6,360*	*202*	*216*	June	6,835	3,565	6,754	116	219
1975, avg	6,675	(NA)	6,520	182	235	Sept	6,531	3,404	6,527	201	234
1976, avg	6,978	1,508	6,841	128	231	Dec	6,549	3,485	6,542	171	235
1977, avg	7,177	1,976	7,033	215	258						
1978, avg	7,412	2,521	7,169	189	238	1983, March	6,843	3,620	5,897	182	224
1979, avg	*7,034*	*2,798*	*6,852*	*181*	*237*	June [3]	6,923	(NA)	6,608	(NA)	222
1980, avg	6,579	3,067	6,506	139	261						
1981, avg	6,588	3,264	6,405	155	253						
1982, avg	6,539	3,409	6,338	177	235						

NA Not available. [1] Production plus net imports less net increase in primary stocks. [2] End of year or month. [3] Preliminary.

Source: U.S. Energy Information Administration, *Monthly Energy Review*, Aug. 1983, and earlier issues.

No. 1076. Gasoline Fuel—Retail Prices, Selected Countries: 1973 to 1981

[**In U.S. cents per U.S. gallon, except percent.** As of **July**, except as indicated. Price includes tax except as noted. For most countries, based on exchange rates in effect as of **July 31** of year shown. For explanation of average annual percent change, *see Guide to Tabular Presentation*]

Item	1973	1974	1975	1976	1977	1978	1979	1980	1981
United States: [1] *Regular*	40	53	57	59	62	63	86	119	131
Premium	45	57	61	64	67	69	92	128	144
Tax	11	11	12	12	12	13	14	14	14
Unleaded	(NA)	55	60	61	66	67	90	125	138
France, Paris: Regular	106	132	156	140	170	215	243	297	241
Tax	82	81	94	81	110	130	167	170	111
Premium	115	143	169	151	184	232	262	317	255
Italy, Rome: Regular	99	169	166	174	206	216	244	308	273
Tax	79	120	115	116	153	160	166	189	167
Premium	105	177	171	181	215	225	253	315	284
United Kingdom: Regular	78	104	127	104	118	114	218	260	262
Tax [2]	48	45	41	44	43	47	70	124	136
Premium	81	108	131	105	121	119	221	265	265
Germany, F.R., Bonn: Regular	118	127	125	139	144	168	209	246	232
Tax [2]	72	65	65	65	73	81	91	123	111
Premium	131	137	134	148	154	176	219	257	242
Canada, Ottawa: Regular	49	57	66	66	69	67	71	81	116
Tax	19	19	23	29	28	26	24	25	31
Premium	53	62	67	72	75	73	78	89	126
Mexico, Mexico City: Regular	24	42	64	65	46	47	47	[3] 45	44
Tax	(NA)	(NA)	31	31	22	22	22	[3] 15	15
Premium	36	61	91	92	66	67	67	[3] 113	110
Japan, Tokyo: Regular	83	136	136	136	163	201	227	272	255
Tax [4]	42	45	45	57	61	87	95	93	95
Premium	98	155	163	151	178	223	246	289	272

NA Not available. [1] 1973–1976 prices for regular and premium at Washington, D.C.; all other data are national averages. [2] Excludes value-added tax. [3] January 1981. [4] Excludes import duty.

Source: U.S. Energy Information Administration; Regular—*International Petroleum Annual*; Premium—*International Energy Annual.*

No. 1077. 12-Year Cost of Owning and Operating an Automobile, by Size of Car: 1981

[For basis of estimates for components of cost, see footnotes, table 1078. Estimates based on vehicle operated in Baltimore, Md. area with an assumed *life-span of 12 years, 120,000 miles*]

Item	Total [1]	Taxes and fees	Costs, excl. taxes [1]	Depreciation	Repairs, maintenance	Tires	Gasoline	Insurance	Parking
Total costs ($1,000):									
Standard [2]	32.0	1.8	30.2	9.2	6.2	.9	8.6	4.0	.9
Compact [3]	*25.7*	*1.4*	*24.3*	*7.1*	*5.2*	*.6*	*6.1*	*4.0*	*.9*
Subcompact [4]	22.6	1.2	21.4	5.6	5.0	.5	5.2	3.7	.9
Passenger van [5]	40.0	2.3	37.7	12.9	6.6	.9	10.4	5.3	.9
Cents per mile cost:									
Standard [2]	26.68	1.49	25.19	7.69	5.20	.72	7.17	3.33	.78
Compact [3]	*21.44*	*1.15*	*20.29*	*5.93*	*4.37*	*.48*	*5.08*	*3.33*	*.78*
Subcompact [4]	18.79	.98	17.81	4.69	4.20	.43	4.35	3.05	.78
Passenger van [5]	33.33	1.93	31.40	10.73	5.52	.73	8.71	4.44	.78

[1] Includes accessories and oil. [2] Fully equipped 4-door sedan, price $9,232. [3] 2-door sedan, price $7,111. [4] 2-door sedan, price $5,625. [5] Passenger van, price $12,877.

Source: U.S. Federal Highway Administration, *Cost of Owning and Operating Automobiles and Vans*, periodic.

NO. 1078. ESTIMATED COST OF OWNING AND OPERATING AN AUTOMOBILE: 1970 TO 1981

[1981 estimates based on an automobile operated from the Baltimore, Md. area, costing $9,232, large car, and $7,111, compact car, with an assumed life-span of 12 years, 120,000 miles. Prior years based on life-span of 10 years, 100,000 miles. Similar specifications used in other years shown]

ITEM	TOTAL COSTS ($1,000)				CENTS PER MILE COST, 1981 (January)						
	1970	1976	1979	1981	12-year average	1st year (14,500 miles)	3d year (12,500 miles)	5th year (10,300 miles)	7th year (9,200 miles)	10th year (7,800 miles)	12th year (6,700 miles)
STANDARD SIZE 4-DOOR SEDAN											
Total	**11.9**	**17.9**	**24.6**	**32.0**	**26.7**	**33.6**	**28.4**	**29.1**	**34.0**	**17.9**	**17.6**
Costs excluding taxes	10.5	16.3	23.0	30.2	25.2	29.5	27.3	27.9	32.6	16.8	16.5
Depreciation	3.2	4.9	6.3	9.2	7.7	16.9	9.6	6.1	5.7	2.1	1.9
Repairs and maintenance [1]	1.5	3.7	4.8	6.2	5.2	1.1	5.7	6.4	14.8	2.0	1.5
Replacement tires [2]	.4	.4	.6	.9	.7	.1	.2	1.0	1.0	1.0	1.0
Accessories [3]	(Z)	.1	.1	.2	.1	.1	.1	.1	.2	.2	.2
Gasoline [4]	1.7	3.2	5.4	8.6	7.2	7.2	7.2	7.2	7.2	7.2	7.2
Oil [4]	.2	.2	.1	.2	.2	.1	.2	.2	.2	.2	.1
Insurance [5]	1.7	1.7	2.5	4.0	3.3	3.2	3.6	4.1	2.8	3.3	3.8
Garaging, parking, etc. [6]	1.8	2.2	3.2	.9	.8	.8	.8	.8	.8	.8	.8
Taxes and fees [7]	1.4	1.6	1.6	1.8	1.5	4.1	1.1	1.2	1.4	1.1	1.1
COMPACT CAR											
Total	(NA)	**14.6**	**21.7**	**25.7**	**21.4**	**21.7**	**21.0**	**24.0**	**26.5**	**19.1**	**17.6**
Costs excluding taxes	(NA)	13.5	20.4	24.3	20.3	18.6	20.2	23.1	25.4	18.2	16.7
Depreciation	(NA)	3.8	5.2	7.1	5.9	8.3	5.8	5.6	4.9	5.3	4.7
Repairs and maintenance [1]	(NA)	3.0	4.2	5.2	4.4	.9	4.5	6.6	10.9	2.4	1.1
Replacement tires [2]	(NA)	.4	.5	.6	.5	.1	.1	.6	.6	.9	.9
Accessories [3]	(NA)	.1	.1	.2	.1	.1	.1	.1	.2	.2	.2
Gasoline [4]	(NA)	2.3	4.8	6.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Oil [4]	(NA)	.2	.1	.2	.2	.1	.2	.2	.1	.2	.1
Insurance [5]	(NA)	1.6	2.3	4.0	3.3	3.2	3.6	4.1	2.8	3.3	3.8
Garaging, parking, etc. [6]	(NA)	2.1	3.2	.9	.8	.8	.8	.8	.8	.8	.8
Taxes and fees [7]	(NA)	1.1	1.3	1.4	1.1	3.1	.8	.9	1.1	.9	.9

NA Not available. Z Less than $50. [1] For 1981, includes lubrications, repacking wheel bearings, flushing cooling system, aiming headlamps; replacement of minor parts such as spark plugs, fan belts, radiator hoses, fuel filter, and pollution control equipment; minor repairs such as brake jobs, water pump, carburetor overhaul, and universal joints; and major repairs such as a complete "valve job." [2] For 1981, covers 8 new regular tires and 2 new snow tires during life of car. [3] For 1981, includes a set of vinyl floor mats, seat covers, and a pair of extra wheels. [4] For 1981, gasoline use set at 17 miles per gallon for standard size sedan and 24 miles per gallon for compact car; associated oil use at 1 quart oil every 2,500 miles driven between 50,000 and 75,000 miles and 1 quart every 2,000 miles driven between 75,000 and 120,000 miles. [5] For 1981, includes $20,000/40,000 bodily injury, and $10,000 property damage, $2,500 personal injury protection, uninsured motorist coverage, and full comprehensive coverage for the 12-year period; $100 deductible collision insurance was assumed for the first 5 years. [6] For 1981, includes parking fee average of $71 per year and toll average of $7.49 per year. For 1981, excludes cost of home garage or parking facility which was included in prior years. [7] For 1981, includes Federal excise taxes on tires of 10 cents per lb., lubricating oil of 6 cents per gallon, and gasoline of 4 cents per gallon; *plus the Maryland tax on gasoline of 9 cents* per gallon, titling tax of 5 percent of retail price, and registration fee of $20.00 for 3,700 lb. or less shipping weight, or $30.00 for vehicles over 3,700 lb. State sales tax of 5 percent included on certain items.

Source: U.S. Federal Highway Administration, *Cost of Owning and Operating Automobiles and Vans*, periodic.

NO. 1079. HOUSEHOLD MOTOR VEHICLE TRANSPORTATION, BY VEHICLE CHARACTERISTICS: 1980

[Excludes Alaska and Hawaii. Household vehicles include all motorized vehicles used for personal transportation, excluding motorcycles, mopeds, large trucks, and buses. Based on the Household Transportation Panel Survey; subject to sampling variability]

ITEM	Unit	Total [1]	VEHICLE SIZE				MODEL YEAR		
			Full size	Intermediate	Compact	Subcompact	1969 and earlier	1970 to 1974	1975 to 1981
Miles driven	Billions	1,094.2	240.0	203.9	199.9	215.8	88.3	299.7	705.2
Average per vehicle per month	Number	717.9	662.2	725.4	717.2	847.4	371.4	593.7	904.4
Fuel expenditures	**Bil. dol**	**89.7**	**23.1**	**18.2**	**15.4**	**11.4**	**8.1**	**26.9**	**54.6**
Average per vehicle per month	*Dollars*	*58.8*	*63.8*	*64.7*	*55.3*	*44.9*	*34.1*	*53.2*	*70.1*
Leaded fuels	Bil. dol	40.0	9.8	6.2	5.1	4.7	6.6	21.7	11.6
Unleaded fuels	Bil. dol	43.8	11.7	10.9	9.4	6.1	.6	2.5	40.7
Diesel and unknown	Bil. dol	5.9	1.6	1.0	.9	.7	.9	2.6	2.3
Fuel purchased	**Bil. gal**	**74.9**	**19.3**	**15.0**	**12.8**	**9.5**	**6.9**	**22.8**	**45.1**
Average per vehicle per month	Gallons	49.1	53.1	53.5	45.9	37.3	28.9	45.2	57.9
Leaded fuels	Bil. gal	34.2	8.4	5.3	4.4	4.0	5.6	18.5	10.0
Unleaded fuels	Bil. gal	35.7	9.5	8.9	7.7	4.9	.5	2.1	33.1
Diesel and unknown	Bil. gal	5.0	1.4	.9	.8	.5	.8	2.2	2.0
Miles per gallon	Number	14.7	12.5	13.6	15.7	22.7	12.9	13.2	15.7

[1] Includes other and unknown, not shown separately.

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Consumption Patterns of Household Vehicles, June 1979 to December 1980*, April 1982.

NO. 1080. HOUSEHOLD TRANSPORTATION, BY HOUSEHOLD CHARACTERISTICS: 1980

[Excludes Alaska and Hawaii. *Household vehicles* include all motorized-vehicles used for personal transportation, excluding motorcycles, mopeds, large trucks, and buses. Based on the Household Transportation *Panel Survey*; subject to sampling variability]

ITEM	Unit	Total	HOUSEHOLD LOCATION		FAMILY INCOME		NUMBER OF VEHICLES USED BY HOUSEHOLD		NUMBER OF DRIVERS IN HOUSEHOLD [1]	
			Urban areas	Rural areas	Less than $15,000	Above $15,000	One vehicle	Two or more vehicles	1 or 2 drivers	3 or more drivers
Miles driven	Billions	1,094.2	719.8	374.4	355.2	738.9	239.7	854.5	796.8	294.9
Average per vehicle per month	Number	717.9	697.0	761.9	(NA)	(NA)	720.7	717.1	695.1	790.6
Fuel expenditures	**Bil. dol**	**89.7**	**59.5**	**30.1**	**29.8**	**59.9**	**20.2**	**69.4**	**65.0**	**24.4**
Average per vehicle per month	Dollars	58.8	57.7	61.3	(NA)	(NA)	60.9	58.3	56.7	65.5
Leaded fuels	Bil. dol	40.0	25.3	14.7	14.4	25.7	7.5	32.5	28.1	11.8
Unleaded fuels	Bil. dol	43.8	30.4	13.4	12.8	31.1	11.1	32.6	32.2	11.5
Diesel and unknown	Bil. dol	5.9	3.9	2.0	2.6	3.2	1.6	4.2	4.7	1.2
Fuel purchased	**Bil. gal**	**74.9**	**49.5**	**25.4**	**24.9**	**50.0**	**16.7**	**58.2**	**54.2**	**20.5**
Average per vehicle	Gallons	49.1	47.9	51.7	(NA)	(NA)	50.3	48.8	47.3	55.0
Leaded fuels	Bil. gal	34.2	21.5	12.6	12.2	21.9	6.3	27.8	23.9	10.1
Unleaded fuels	Bil. gal	35.7	24.7	11.0	10.3	25.4	9.1	26.6	26.2	9.4
Diesel and unknown	Bil. gal	5.0	3.3	1.7	2.3	2.7	1.4	3.6	4.0	1.0
Miles per gallon	Number	14.7	14.6	14.8	(NA)	(NA)	14.4	14.7	14.8	14.4

NA Not available. [1] Excludes small number of unknown.

Source: U.S. Energy Information Administration, *Consumption Patterns of Household Vehicles, June 1979 to December 1980*, April 1982.

NO. 1081. PRINCIPAL MEANS OF TRANSPORTATION TO WORK—SELECTED METROPOLITAN AREAS: 1980

[**Workers 16 years old and over.** Covers SMSA's with population of 1 million or more]

METROPOLITAN AREA	Workers (1,000)	PERCENT USING—				METROPOLITAN AREA	Workers (1,000)	PERCENT USING—			
		Car, truck, or van		Public transportation [1]	Other means [2]			Car, truck, or van		Public transportation [1]	Other means [2]
		Drive alone	Carpool					Drive alone	Carpool		
Anaheim-Santa Ana-Garden Grove, Calif	962	74.8	16.1	2.1	7.0	Minneapolis-St. Paul, Minn.-Wis	1,046	63.1	19.9	8.7	8.3
Atlanta, Ga	948	68.7	19.6	7.6	4.1	Nassau-Suffolk, N.Y	1,140	63.7	17.6	12.5	6.2
Baltimore, Md	967	59.8	22.3	10.3	7.7	New Orleans, La	485	61.7	20.6	10.9	6.8
Boston, Mass	1,308	56.0	17.0	15.7	11.3	New York, N.Y.-N.J	3,792	30.7	11.6	45.1	12.6
Buffalo, N.Y	500	66.6	18.6	6.6	8.2	Newark, N.J	879	64.0	17.9	10.7	7.4
Chicago, Ill	3,163	57.6	16.7	18.0	7.7	Philadelphia, Pa.-N.J	1,959	59.1	17.6	14.0	9.2
Cincinnati, Ohio-Ky.-Ind	568	68.8	18.8	6.5	5.8	Phoenix, Ariz	659	70.2	19.0	2.0	8.9
Cleveland, Ohio	820	67.9	16.0	10.6	5.5	Pittsburgh, Pa	912	60.7	19.4	11.5	8.4
Columbus, Ohio	466	70.3	18.2	4.6	6.8	Portland, Oreg.-Wash	568	65.3	18.0	8.4	8.2
Dallas-Fort Worth, Tex	1,465	71.2	20.6	3.4	4.8	Riverside-San Bernardino-Ontario, Calif	614	71.9	18.3	0.9	8.9
Denver-Boulder, Colo	809	65.4	20.2	6.1	8.3	Sacramento, Calif	435	69.0	17.6	3.5	9.9
Detroit, Mich	1,710	75.1	16.9	3.7	4.3	St. Louis, Mo.-Ill	1,004	67.3	21.4	5.7	5.6
Fort Lauderdale-Hollywood, Fla	424	73.7	18.1	2.0	6.2	San Antonio, Tex	450	66.9	19.9	4.6	8.6
Houston, Tex	1,415	69.5	22.4	3.0	5.0	San Diego, Calif	855	69.8	17.4	3.3	15.5
Indianapolis, Ind	523	70.3	21.0	3.2	5.5	San Francisco-Oakland, Calif	1,562	57.9	15.7	16.4	9.9
Kansas City, Mo.-Kans	618	69.3	21.5	4.1	5.1	San Jose, Calif	650	72.5	16.6	3.1	7.9
Los Angeles-Long Beach, Calif	3,374	68.7	16.8	7.0	7.5	Seattle-Everett, Wash	776	63.9	18.2	9.6	8.3
Miami, Fla	726	67.4	19.6	6.6	6.4	Tampa-St. Petersburg, Fla	606	72.0	18.4	1.8	7.8
Milwaukee, Wis	642	65.0	19.0	7.7	8.3	Washington, D.C.-Md.-Va	1,553	53.7	22.9	15.5	7.9

[1] Includes bus or streetcar, subway or elevated train, railroad, and taxicab. [2] Includes motorcycle, bicycle, walked only, worked at home, and all other modes not specified.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1; chapter C (PC80-1-C).

NO. 1082. PLACES OF WORK AND RESIDENCE AND PUBLIC TRANSPORTATION USE, FOR SELECTED CITIES: 1980

[Cities ranked by size of population enumerated as of April 1 Workers 16 years old and over]

CITY	WORKERS LIVING IN CITY				WORKERS WORKING IN CITY		PERCENT COMMUTING		Net worker movement [4] (1,000)	Worker/resident ratio [5]
	Total (1,000)	Place of work reported: Inside city (1,000)	Place of work reported: Outside city (1,000)	Percent using public transp. [1]	Total (1,000)	Living outside city (1,000)	Out of city [2]	Into city [3]		
New York, N.Y.	2,500	2,344	156	55.8	2,976	632	6.22	21.24	476	1.191
Chicago, Ill	1,050	850	200	32.4	1,273	422	19.02	33.19	223	1.212
Los Angeles, Calif	1,221	875	346	10.8	1,416	541	28.37	38.22	195	1.159
Philadelphia, Pa	553	474	79	30.2	698	224	14.35	32.13	145	1.262
Houston, Tex	710	632	78	4.8	930	298	10.98	32.01	220	1.309
Detroit, Mich	330	214	116	11.8	425	211	35.20	49.59	94	1.285
Dallas, Tex	409	337	72	8.3	602	265	17.84	44.02	193	1.471
San Diego, Calif	387	307	80	4.3	449	142	20.72	31.62	62	1.159
Phoenix, Ariz	326	269	57	2.7	362	93	17.49	25.68	36	1.110
Baltimore, Md	259	197	62	25.4	388	191	24.05	49.22	129	1.496
San Antonio, Tex	292	267	25	6.0	350	83	8.55	23.82	59	1.201
Indianapolis, Ind	293	261	32	5.0	366	104	10.86	28.46	72	1.246
San Francisco, Calif	295	252	43	38.5	459	206	14.43	44.98	164	1.555
Memphis, Tenn	238	221	17	6.4	285	64	7.17	22.57	47	1.199
Washington, D.C.	254	206	49	30.0	594	388	19.13	65.36	340	2.334
Milwaukee, Wis	253	184	69	14.3	307	122	27.11	39.85	54	1.212
San Jose, Calif	269	129	141	3.3	201	72	52.27	35.96	−69	.745
Cleveland, Ohio	186	130	55	19.5	342	212	29.72	61.87	156	1.843
Columbus, Ohio	232	187	45	7.3	303	116	19.26	38.30	72	1.309
Boston, Mass	221	165	56	33.7	421	256	25.17	60.81	201	1.909
New Orleans, La	189	156	33	21.0	244	88	17.27	35.94	55	1.291
Jacksonville, Fla	217	201	16	5.4	234	33	7.48	14.20	17	1.078
Seattle, Wash	229	192	37	19.3	359	168	16.28	46.68	131	1.570
Denver, Colo	221	165	55	10.2	363	197	25.08	54.41	142	1.643
Nashville-Davidson, Tenn	193	171	22	5.4	232	61	11.60	26.35	39	1.200
St. Louis, Mo	150	113	37	18.6	315	201	24.43	63.97	165	2.097
Kansas City, Mo	189	141	47	9.4	280	139	25.13	49.58	92	1.485
El Paso, Tex	149	140	9	4.2	158	18	6.26	11.57	9	1.060
Atlanta, Ga	151	111	40	24.5	336	226	26.69	67.11	185	2.229
Pittsburgh, Pa	156	122	33	28.3	310	187	21.33	60.50	154	1.992
Oklahoma City, Okla	171	153	18	1.8	253	100	10.40	39.58	82	1.483
Cincinnati, Ohio	141	105	36	15.0	258	153	25.74	59.33	117	1.826
Fort Worth, Tex	163	124	39	3.6	211	86	23.65	40.98	48	1.294
Minneapolis, Minn	171	110	60	21.8	257	146	35.37	57.03	86	1.504
Portland, Oreg	153	125	28	15.9	274	148	18.06	54.23	121	1.790
Honolulu, Hawaii	169	153	16	13.5	230	77	9.23	33.49	62	1.365
Long Beach, Calif	146	68	78	6.2	146	79	53.64	53.75	–	1.002
Tulsa, Okla	162	146	16	3.2	209	63	9.95	30.10	47	1.288
Buffalo, N.Y.	117	87	30	17.0	188	101	25.96	53.76	70	1.601
Toledo, Ohio	128	106	22	5.0	159	53	17.43	33.53	31	1.242
Miami, Fla	134	88	46	13.8	314	226	34.44	72.08	180	2.348
Austin, Tex	160	150	10	4.4	200	51	6.14	25.21	41	1.255
Oakland, Calif	124	65	59	21.6	166	101	47.26	60.64	42	1.340
Albuquerque, N. Mex	137	123	14	3.0	158	35	9.95	22.15	21	1.157
Tucson, Ariz	133	109	24	3.9	157	48	17.87	30.64	24	1.184
Newark, N.J.	87	45	42	26.4	146	101	47.89	68.99	59	1.681
Charlotte, N.C	138	122	16	6.0	192	70	11.69	36.35	54	1.388
Omaha, Nebr	135	122	13	7.2	189	67	9.68	35.31	54	1.396
Louisville, Ky	108	81	27	10.6	205	124	25.19	60.64	97	1.900
Birmingham, Ala	103	78	25	6.7	180	102	24.12	56.79	78	1.756
Wichita, Kans	127	105	21	2.6	139	33	16.80	24.11	12	1.096
Sacramento, Calif	99	75	24	5.3	190	115	24.47	60.66	91	1.920
Tampa, Fla	103	84	19	3.2	185	100	18.05	54.36	82	1.796
St. Paul, Minn	116	79	37	15.0	183	104	32.19	56.98	67	1.576
Norfolk, Va	113	73	40	8.0	147	74	34.99	50.01	34	1.300
Virginia Beach, Va	119	60	58	1.7	78	17	49.08	21.97	−41	.653
Rochester, N.Y	91	70	22	14.6	195	125	23.68	64.28	104	2.127
St. Petersburg, Fla	85	58	27	3.7	86	29	32.04	33.14	1	1.016
Akron, Ohio	85	60	25	4.6	118	58	29.11	48.94	33	1.388
Corpus Christi, Tex	88	80	8	1.4	93	12	9.15	13.44	4	1.050
Jersey City, N.J.	76	37	39	34.1	72	34	51.25	48.13	−5	.940
Baton Rouge, La	84	68	17	2.2	120	52	19.74	43.63	36	1.424
Anaheim, Calif	102	37	65	2.2	117	80	63.87	68.57	15	1.150
Richmond, Va	89	71	18	17.0	179	108	19.85	60.36	91	2.022

– Represents zero. [1] Includes workers using bus or streetcar, subway or elevated train, railroad, or taxicab. [2] Percent of workers living in the city with place of work reported who commute to a place of work outside the city. [3] Percent of workers working in the city who commute in from a residence outside the city. [4] Minus sign (−) denotes an outflow of workers. [5] Number of persons reported as working in the city divided by the number of residents of the city whose place of work was reported.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1, chapter C (PC80-1-C), and unpublished data.

NO. 1083. PASSENGER TRANSIT INDUSTRY—SUMMARY: 1960 TO 1982

[Beginning 1970, includes Puerto Rico. Comprises all privately and publicly owned organized local passenger transportation agencies except taxicabs, suburban railroads, and sightseeing and school buses. Covers (*a*) local motorbus lines, (*b*) light rail lines, (*c*) heavy rail lines, and (*d*) trolley coach lines. Based on financial and statistical reports received by American Public Transit Association from transit systems representing more than 85 percent of the industry. See also *Historical Statistics, Colonial Times to 1970*, series Q 238–250]

ITEM	Unit	1960	1965	1970	1975	1976	1979	1980	1981	1982, prel.
Operating systems	**Number**	1,251	1,148	1,079	947	1,018	1,027	1,044	1,035	1,034
Motorbus systems [1]	*Number*	1,236	1,145	1,075	941	1,014	1,023	1,040	1,030	1,029
Publicly owned systems [1]	Number	54	78	144	333	463	523	576	578	581
Passenger vehicles owned	**Number**	65,292	61,717	61,350	62,226	64,013	65,739	70,983	72,063	73,803
Motorbuses	*Number*	49,600	49,600	49,700	50,811	52,866	54,490	59,411	60,393	62,114
Electric railway cars [2 3]	Number	11,866	10,664	10,600	10,712	10,554	10,524	10,749	10,919	10,926
Heavy rail	Number	9,010	9,115	9,338	9,608	9,567	9,522	9,693	9,801	9,867
Trolley coaches	Number	3,826	1,453	1,050	703	593	725	823	751	763
Total revenue	**Mil. dol**	(NA)	(NA)	(NA)	3,451	4,682	5,558	6,510	7,366	8,044
Operating revenue	Mil. dol	1,407	1,444	1,707	2,002	2,381	2,524	2,663	2,784	3,152
Nonoperating revenue [4]	Mil. dol	(NA)	(NA)	(NA)	41	69	124	142	261	305
Operating assistance	Mil. dol	(NA)	(NA)	(NA)	1,408	2,232	2,910	3,705	4,321	4,587
Federal	Mil. dol	(NA)	(NA)	(NA)	302	690	856	1,094	1,095	1,005
State and local	Mil. dol	(NA)	(NA)	(NA)	1,106	1,542	2,055	2,611	3,226	3,582
Total expense	**Mil. dol**	1,377	1,454	1,996	3,752	4,789	5,611	6,711	7,623	8,324
Operating expense	Mil. dol	(NA)	(NA)	(NA)	3,537	4,539	5,232	6,246	7,024	7,563
Transportation	Mil. dol	(NA)	(NA)	(NA)	1,877	2,508	2,735	3,248	3,596	3,887
Maintenance	Mil. dol	(NA)	(NA)	(NA)	814	1,069	1,469	1,774	1,946	2,171
Administration	Mil. dol	(NA)	(NA)	(NA)	846	962	1,028	1,224	1,482	1,505
Reconciling expense	Mil. dol	(NA)	(NA)	(NA)	215	250	380	464	597	761
Vehicle-miles operated [5]	**Million**	2,143	2,008	1,883	1,990	2,028	2,045	2,095	2,137	2,132
Motorbus	Million	1,576	1,528	1,409	1,526	1,630	1,634	1,677	1,685	1,669
Electric railway [2 3]	Million	466	437	441	448	384	400	405	440	450
Heavy rail	Million	391	395	407	423	364	380	385	420	429
Passengers carried [5 6]	**Million**	9,395	8,253	7,332	6,972	7,944	8,543	8,671	8,409	8,085
Motorbus [5]	Million	6,425	5,814	5,034	5,084	5,632	6,081	6,277	6,025	5,705
Electric railway [3 6]	Million	2,313	2,134	2,116	1,810	2,248	2,340	2,256	2,256	2,233
Revenue passengers carried	**Million**	7,521	6,798	5,932	5,643	5,963	6,370	6,447	6,278	6,038
Motorbus	Million	5,069	4,730	4,058	4,095	4,406	4,746	4,871	4,656	4,417
Electric railway [2 3]	Million	2,005	1,882	1,746	1,493	1,506	1,569	1,504	1,543	1,526
Heavy rail	Million	1,670	1,678	1,574	1,388	1,415	1,474	1,410	1,444	1,433
Trolley coach	Million	447	186	128	56	51	55	72	79	93
Average fares	**Cents**	17.8	19.7	27.6	33.0	36.1	38.2	39.7	43.0	51.0
Employees, number (avg.) [7]	**1,000**	156	145	138	160	165	179	189	194	197
Payroll, employee	Mil. dol	857	964	1,274	2,236	2,741	3,025	3,280	3,494	3,736

NA Not available. [1] Includes systems with combined services including motorbuses, heavy rail cars, light rail cars, trolley coaches, cable cars, and inclined plane cars. [2] Includes light rail. [3] Beginning 1975, includes cable car and inclined plane. [4] Includes auxiliary income. [5] Includes trolley coach, not shown separately. [6] Data for 1960–1975 not comparable with later years. [7] Beginning 1979, includes part-time employees counted individually.

Source: American Public Transit Association, Washington, D.C., *Transit Fact Book*, annual.

NO. 1084. FEDERAL GRANT APPROVALS FOR MASS TRANSPORTATION: 1970 TO 1982

[**In millions of dollars.** For years ending **June 30** through **1976** except, beginning **1977**, ending **Sept. 30.** Excludes direct Congressional authorizations to States or localities (major example is Washington, D.C.'s Metro System). Mass transportation is defined as transportation by bus, or rail or *other conveyance*, either publicly or privately owned which provides to the public general or special service (excluding school buses, charter and sightseeing service) on a regular and continuing basis]

TYPE OF GRANT	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total grant approvals	133	864	956	1,430	1,843	2,296	2,722	2,970	3,908	4,076	3,600
Capital grant approvals	133	864	956	1,287	1,479	1,724	2,037	2,102	2,767	2,946	2,544
Section 3 [1]	133	864	870	1,197	1,092	1,250	1,400	1,225	1,655	1,925	1,635
Section 5 [1]	(X)	(X)	(X)	9	26	39	50	256	431	361	298
Interstate and urban system [2]	(X)	(X)	86	81	361	434	587	621	701	660	612
Operating grant approvals, Section 5 [1]	(X)	(X)	(X)	143	364	572	685	868	1,121	1,130	1,056

X Not applicable. [1] Grants allowed under Urban Mass Transportation Act of 1964 as amended. Section 3 grants are *discretionary grants awarded upon application by local authorities. Section 5 grants are formula grants awarded to cities meeting* certain criteria. [2] Grants under Federal Highway Act of 1973.

Source: American Public Transit Association, *Transit Fact Book*, annual. Data from U.S. Urban Mass Transportation Administration.

No. 1085. Class I Intercity Motor Carriers of Property, by Carrier: 1975 to 1981

[See headnote, table 1086. Common carriers are carriers offering regular scheduled service. Contract carriers provide service at request of user. Minus sign (−) denotes loss]

ITEM	Unit	1975	1979	1980	1981	1975	1979	1980	1981
		COMMON CARRIER, GENERAL FREIGHT				COMMON CARRIER OTHER THAN GENERAL FREIGHT			
Carriers reporting	Number	368	321	298	261	330	445	441	403
Number of employees, average	1,000	379	366	413	392	94	104	101	92
Compensation of employees	Mil. dol	5,726	8,285	9,803	10,228	1,046	1,862	1,931	1,917
Operating revenues	Mil. dol	11,116	16,889	19,725	20,692	3,907	7,917	8,792	8,870
Intercity freight	Mil. dol	10,511	16,632	19,480	20,452	3,717	7,400	8,339	8,491
Operating expenses	Mil. dol	10,571	16,319	18,870	19,821	3,758	7,567	8,426	8,536
Ordinary income before taxes	Mil. dol	432	469	701	760	109	260	230	238
Net income	Mil. dol	225	335	−72	588	65	172	14	200
Total power units, intercity service	1,000	78	80	102	97	69	93	95	93
Trucks, tractors owned in operation, avg	1,000	49	50	73	68	25	33	33	31
Intercity vehicle-miles	Million	6,246	7,567	6,547	6,230	4,776	6,785	6,889	6,680
Tons of intercity revenue freight carried	Million	191	219	178	162	264	360	324	308
		CONTRACT CARRIER OTHER THAN GENERAL FREIGHT				CARRIERS OF HOUSEHOLD GOODS			
Carriers reporting	Number	50	74	69	50	32	26	28	27
Number of employees, average	1,000	10	15	14	11	4	(NA)	10	7
Compensation of employees	Mil. dol	175	361	336	299	70	(NA)	157	114
Operating revenues	Mil. dol	453	1,161	1,272	1,037	866	1,593	1,824	1,903
Intercity freight	*Mil. dol*	*411*	*1,043*	*1,172*	*964*	*765*	*1,470*	*1,676*	*1,784*
Operating expenses	Mil. dol	432	1,122	1,207	999	849	1,565	1,781	1,857
Ordinary income before taxes	Mil. dol	17	27	48	29	32	46	74	76
Net income	Mil. dol	9	21	28	21	18	31	42	52
Total power units, intercity service	1,000	8	12	13	11	18	27	25	27
Trucks, tractors owned in operation, avg	1,000	5	7	7	6	(Z)	1	1	1
Intercity vehicle-miles	Million	454	890	934	705	688	914	969	939
Tons of intercity revenue freight carried	Million	21	33	37	27	3	5	5	5

NA Not available. Z Less than 500.

Source: U.S. Interstate Commerce Commission, *Transport Statistics in the United States*, Part 2, annual.

No. 1086. Class I Intercity Motor Carriers of Passengers: 1960 to 1981

[Carriers subject to ICC regulations. See text, p. 604. See also *Historical Statistics, Colonial Times to 1970*, series Q 69-75]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Carriers reporting [1]	Number	143	156	71	61	77	78	42	43	45	48	45
Number of employees, average	1,000	35	35	34	36	31	32	27	26	27	31	31
Compensation of employees	Mil. dol	196	250	317	415	383	446	400	412	469	599	630
Operating revenue	Mil. dol	463	607	722	933	942	975	969	[2] 1,021	1,200	1,397	1,453
Passenger revenue [3]	Mil. dol	382	467	524	662	651	645	655	671	802	947	993
Special bus revenue and other	Mil. dol	81	141	198	271	291	(NA)	314	345	398	215	202
Expenses	Mil. dol	405	514	639	859	880	937	924	983	1,143	1,318	1,381
Net operating revenue	Mil. dol	58	90	83	74	61	37	45	38	57	79	72
Ordinary income:												
Before income taxes	Mil. dol	55	90	88	93	83	49	58	57	57	107	88
After income taxes	Mil. dol	28	52	52	61	56	32	40	41	57	90	61
Passenger vehicles in service [3]	1,000	12.7	13.3	13.3	13.8	9.7	(NA)	8.3	8.5	8.2	8.6	8.4
Vehicle-miles, passenger	Million	843	947	871	886	835	(NA)	754	726	754	781	732
Revenue passengers carried	Million	268	219	174	169	147	(NA)	122	118	122	134	114
Expense per vehicle-mile	Dollar	.48	.54	.73	.97	1.05	(NA)	1.23	1.35	1.52	1.69	1.99

NA Not available. [1] Excludes carriers preponderantly in local or suburban service and carriers engaged in transportation of both property and passengers. [2] Includes $4 million from Government authorities for current operations. [3] Regular route, intercity and local.

Source: U.S. Interstate Commerce Commission, *Transport Statistics in the United States*, 1960-1970, Part 7, and 1974-1981, Part 2, annual; except 1976, *Financial and Operating Statistics, Class I Motor Carriers of Passengers*, statement No. 750, semiannual. (Discontinued in 1979.)

No. 1087. Intercity Bus Lines—Summary of Operations: 1960 to 1982

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Operating companies	Number	1,150	1,100	1,000	950	1,000	1,050	1,100	1,200	1,330	1,420	1,520
Buses	1,000	21.0	19.8	22.0	20.5	20.1	20.1	20.4	21.3	21.4	21.2	21.1
Miles of highway served (Dec. 31) [1]	1,000	265	263	267	274	276	276	278	280	279	273	270
Employees (Dec. 31) [2]	1,000	45	45	50	47	46	46	46	48	49	49	48
Bus miles, total	Millions	1,092	1,157	1,209	1,126	1,118	1,118	1,100	1,153	1,162	1,136	1,114
Revenue passengers	Millions	366	378	401	351	340	329	336	368	365	375	369
Revenue passenger-miles	Billions	19.3	23.8	25.3	25.4	25.1	26.0	25.6	27.7	27.4	26.9	2,072
Operating revenue, all services	Mil. dol	556	701	901	1,172	1,232	1,331	1,419	1,664	1,943	2,075	2,072
Operating expenses	Mil. dol	495	600	812	1,103	1,180	1,276	1,366	1,572	1,811	1,963	2,016
Net operating revenue [3]	Mil. dol	61	101	89	69	52	55	53	92	132	112	56

[1] Includes duplication between carriers. [2] Operating companies only. [3] Before income taxes.

Source: American Bus Association, Washington, D.C., *Bus Facts*, annual and *Annual Report*.

No. 1088. Railroads, Class I—Summary Statistics: 1960 to 1982

[As of **Dec. 31**, or **calendar year** data, except as noted. Compiled from annual reports of class I railroads only, except where noted. Minus sign (–) indicates deficit. See also *Historical Statistics, Colonial Times to 1970*, series Q 284-312, Q 330, Q 356-363, and Q 367-377]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982
Class I line-hauling companies [1]	Number	106	76	71	73	41	41	39	38	36
Employees [2]	1,000	780	640	566	494	491	503	480	457	397
Compensation	Mil. dol	4,894	4,793	5,711	7,475	9,701	10,904	11,318	11,650	11,021
Mileage:										
Railroad line owned [3]	1,000	218	212	206	199	191	185	179	168	(NA)
Railroad track owned [4]	1,000	359	345	336	324	310	300	290	278	(NA)
Equipment:										
Locomotives in service	1,000	29,080	27,816	27,086	28,210	27,400	28,097	28,396	27,808	27,073
Average horsepower	1,000 lb	(NA)	(NA)	1,926	2,121	2,140	2,188	2,302	2,326	(NA)
Cars in service:										
Passenger-train	Number	28,305	21,327	11,177	6,471	4,493	4,241	4,347	3,945	3,736
Freight train [5]	1,000	1,965	1,801	1,784	1,724	1,653	1,700	1,711	1,673	1,588
Average capacity [5]	Tons	55.4	59.7	67.1	72.9	76.9	77.7	78.5	80.5	81.7
Income and expenses:										
Operating revenues	Mil. dol	9,514	10,208	11,992	16,402	21,721	25,219	28,103	30,899	27,504
Operating expenses	Mil. dol	7,565	7,850	11,478	15,936	21,043	23,994	26,250	28,587	26,490
Tax accruals	Mil. dol	999	917	1,069	1,706	2,142	2,412	2,578	3,330	2,508
Interest on funded debt	Mil. dol	313	332	497	623	739	789	933	1,056	1,019
Net income	Mil. dol	445	815	227	144	307	938	1,192	2,041	1,152
Net railway operating income	Mil. dol	584	962	486	351	427	837	1,312	1,361	742
Ratio of return on average net investment	Percent	2.13	3.69	1.73	1.20	1.52	2.87	4.13	3.98	2.11
Balance sheet:										
Total property investment	Mil. dol	31,802	31,532	38,213	40,344	38,935	40,498	43,923	46,619	47,241
Accrued depreciation and amortization	Mil. dol	8,465	7,711	10,027	10,605	10,141	10,227	10,706	11,622	11,980
Net investment	Mil. dol	23,336	23,821	28,186	29,740	28,794	30,271	33,217	34,997	35,261
Shareholder's equity	Mil. dol	17,313	17,747	17,323	14,942	16,175	17,796	19,860	21,253	21,349
Net working capital	Mil. dol	678	627	–59	68	603	555	897	1,692	1,372
Cash dividends	Mil. dol	385	471	421	434	503	563	610	662	[7] 1,078
Passenger service:										
Passengers carried	Mil	326	299	284	269	281	295	300	(NA)	(NA)
Passenger-miles	Mil	21,258	17,388	10,771	9,942	10,222	11,200	10,995	(NA)	(NA)
Commutation	Mil	4,197	4,128	4,592	4,513	4,666	4,835	5,070	(NA)	(NA)
Coach	Mil	13,422	11,069	5,414	4,927	5,088	5,876	5,504	(NA)	(NA)
Parlor and sleeping car	Mil	3,643	2,191	765	502	467	489	421	(NA)	(NA)
Passenger revenue	Mil. dol	640	553	420	536	608	702	807	(NA)	(NA)
Revenue per passenger-mile	Cents	3.011	3.182	3.914	5.396	5.947	6.270	7.336	(NA)	(NA)
Average journey per passenger	Miles	65	57	38	37	36	38	37	(NA)	(NA)
Freight service:										
Freight revenue	Mil. dol	8,025	8,836	10,922	15,390	20,236	23,447	26,200	28,925	25,627
Revenue-tons originated	Mil	1,241	1,387	1,485	1,395	1,390	1,502	1,492	1,453	1,269
Tons carried one mile	*Bil*	572	698	765	754	858	914	919	910	798
Revenue ton-miles per mile of road	1,000	2,609	3,290	3,652	3,666	4,471	4,979	5,133	5,142	4,802
Revenue per ton-mile	Cents	1.403	1.266	1.428	2.041	2.358	2.599	2.852	3.178	3.212
Haul per ton, U.S. as a system	Miles	442	477	490	516	572	580	590	600	604
Accidents: [8]										
Persons killed	Number	2,248	2,399	2,255	1,560	1,646	1,429	1,417	1,284	(NA)
Persons injured	Number	19,577	25,789	21,327	54,306	72,545	74,126	62,246	53,003	(NA)

NA Not available. [1] See text, p. 604 for definitions of class I and class II. [2] Average mid-month count. [3] Represents the aggregate length of roadway of all line-haul railroads. Excludes yard tracks, sidings, and parallel lines. [4] Includes multiple main tracks, yard tracks, and sidings owned by both line-haul and switching and terminal companies. [5] Includes cars owned by all railroads, private car companies, and shippers. [6] Class I railroads only. [7] Preliminary. [8] Includes highway grade crossing casualties. Beginning 1975, not comparable with previous years due to change in requirements for reporting injuries.

Source: Association of American Railroads, *Yearbook of Railroad Facts*, and *Statistics of Railroads of Class I*, annual. Accident data: *1960 and 1965, U.S.* Interstate Commerce Commission, *Accident Bulletin*, beginning 1970, U.S. Federal Railroad Administration, *Accident Bulletin*, annual.

No. 1089. Railroads, Class I Line-Haul—Financial Summary: 1960 to 1982

[**In millions of dollars, except percent.** Minus sign (–) indicates deficit. Data prior to 1978 have been restated to conform with revised Uniform System of Accounts. See also *Historical Statistics, Colonial Times to 1970,* series Q 364–366 and Q 378]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Operating revenues	9,514	10,208	11,992	16,402	18,536	20,090	21,721	25,219	28,103	30,899	27,504
Freight	8,456	9,223	11,106	15,390	17,400	18,892	20,236	23,447	26,200	28,925	25,627
Passenger	640	553	420	297	327	337	356	382	438	534	573
Other	417	431	466	715	809	861	1,130	1,390	1,464	1,439	1,303
Operating expenses	7,565	7,850	11,478	15,936	17,881	19,534	21,043	23,994	26,250	28,587	26,490
Net revenue from railway operations	1,949	2,358	514	466	655	557	678	1,225	1,853	2,312	1,013
Total income	2,295	2,724	994	1,094	1,358	1,353	1,623	2,397	3,167	4,425	2,680
Income taxes on ordinary income [1]	203	164	88	58	163	60	183	199	291	45	[2] 58
Net income (ordinary)	445	815	227	144	355	326	307	938	1,192	2,041	1,152
Net railway operating income	538	962	486	351	452	343	427	837	1,312	1,361	742
Rate of return (percent)	2.13	3.69	1.73	1.20	1.60	1.24	1.52	2.87	4.13	3.98	2.11
Shareowners' equity	17,313	17,747	17,323	14,942	15,230	15,727	16,175	17,796	19,860	21,253	21,349
Net working capital [3]	678	172	–59	68	343	571	603	555	897	1,692	1,372
Cash dividends	385	471	421	434	444	497	503	563	610	662	1,078
Gross capital expenditures	919	1,631	1,351	1,790	1,725	2,290	2,738	3,324	3,621	2,750	1,975
Equipment	633	1,304	993	1,303	1,175	1,540	1,883	2,285	2,346	1,502	713
Roadway and structures	286	327	358	486	550	751	855	1,039	1,275	1,248	1,262

[1] Includes State income taxes beginning 1978. [2] Represents credit. [3] Current assets minus current liabilities, including debt due within one year.

Source: Association of American Railroads, Washington, D.C., *Statistics of Railroads of Class I,* annual, and *Yearbook of Railroad Facts.*

No. 1090. Railroads, Class I Line-Haul—Selected Freight Statistics: 1960 to 1981

[Excludes switching and terminal roads. See text, p. 604, for definition of class I. See *Historical Statistics, Colonial Times to 1970,* series Q 319, for train-miles per train-hour]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Average miles of road operated	1,000	219	212	209	206	205	198	197	192	183	179	177
Freight revenue	Bil. dol.	8.0	8.8	10.9	15.8	15.4	17.4	18.9	20.3	23.6	26.2	26.9
Per ton-mile	Cents	1.40	1.27	1.43	1.85	2.04	2.20	2.29	2.37	2.59	2.83	3.18
Per ton originated	Dollars	6.26	6.11	7.67	10.70	11.40	12.75	13.90	14.95	16.17	18.05	20.18
Revenue freight:												
Tons originated	Millions	1,241	1,387	1,485	1,530	1,395	1,370	1,395	1,390	1,502	1,492	1,453
Tons carried	Millions	2,291	2,539	2,616	2,716	2,437	2,448	2,439	2,217	2,463	2,434	2,386
Revenue ton-miles	Billions	572	698	765	851	754	794	826	858	914	919	910
Average haul	Miles	239	257	292	311	309	324	339	371	366	377	381
Train miles	Millions	405	421	427	469	402	425	428	433	438	428	408
Freight car miles, loaded [1]	Billions	17.3	17.9	17.3	17.6	15.1	15.8	16.3	15.9	15.8	16.2	15.4
Empty	Billions	10.9	11.4	12.6	13.1	12.5	12.7	12.4	11.1	11.5	13.1	12.6
Net ton-miles per train-mile [1]	Number	1,466	1,683	1,820	1,875	1,938	2,232	2,029	2,029	2,096	2,175	2,263
Net ton-miles per loaded car-mile [1]	Number	33.9	39.7	44.9	50.1	51.7	59.9	53.2	55.1	57.9	63.5	67.1
Train-miles per train-hour	Miles	19.5	20.1	20.1	19.9	20.0	20.1	19.8	19.3	17.2	16.2	19.0

[1] Revenue and nonrevenue freight.

Source: 1960–1978, U.S. Interstate Commerce Commission, *Annual Report; Transport Statistics in the United States,* Part 1, annual, and related quarterly reports; *Financial and Operating Statistics, Class I Railroads,* Statement No. 100, semiannual, and unpublished data; thereafter, Association of American Railroads, Washington, D.C., *Yearbook of Railroad Facts,* annual.

No. 1091. Railroads, Class I—Cars of Revenue Freight Loaded, 1960 to 1982, and by Commodity Group, 1981 and 1982

[**In thousands.** Figures are 52-week totals. Data for 1978–82 include 12 class II railroads which were class I in 1977. See text, p. 604, for definition of class I. N.e.c.=Not elsewhere classified]

YEAR	CARLOADS		COMMODITY GROUP	CARLOADS		COMMODITY GROUP	CARLOADS	
	Total	Piggy-back		1981	1982		1981	1982
1960	30,441	554	Coal	5,762	5,660	Crushed stone, gravel, sand	620	466
1965	29,248	1,077	Metallic ores	1,607	824	Nonmetallic minerals, n.e.c.	675	503
1970	27,160	1,450	Chemicals, allied products	1,333	1,116	Waste and scrap materials	608	405
1974	26,184	1,610	Grain	1,352	1,267	Lumber, wood products (exc.		
1975	23,217	1,308	Motor vehicles and equipment	809	713	furniture), n.e.c.	396	305
1976	23,457	1,506	Pulp, paper, allied products	991	828	Forwarder and shipper association		
1977	23,173	1,689	Primary forest products	939	757	traffic	493	429
1978	23,355	1,841	Food and kindred products,			Coke	330	233
1979	23,892	1,858	n.e.c.	785	682	Petroleum products	269	243
1980	22,598	1,661	Grain mill products	738	620	Farm products, exc. grain	222	217
1981	21,613	1,723	Metals and products	786	458	Less than carload	12	11
1982	18,550	1,920	Stone, clay, and glass products	690	509	All other carloads	2,199	2,304

Source: Association of American Railroads, Washington, D.C., *Cars of Revenue Freight Loaded,* annual.

No. 1092. Railroads, Class I Line-Haul—Revenue Freight Originated, by Commodity Group: 1975 to 1981

[See *Historical Statistics, Colonial Times to 1970,* series Q 332, for total carloads originated]

Commodity group	Carloads (1,000)				Tons (mil.)				Gross revenue (mil. dol.)			
	1975	1979	1980	1981	1975	1979	1980	1981	1975	1979	1980	1981
Total [1]	**22,930**	**23,409**	**22,223**	**21,343**	**1,395.1**	**1,502.1**	**1,492.4**	**1,453.0**	**15,899**	**24,283**	**26,938**	**29,590**
Coal	4,844	5,329	5,789	5,835	407.6	473.8	522.1	527.6	2,146	3,872	4,956	5,977
Farm products	1,873	1,721	1,866	1,637	134.4	138.5	156.1	139.9	1,472	2,101	2,801	2,621
Food and kindred products	2,154	1,348	1,767	1,557	100.2	93.2	91.9	82.8	1,822	2,421	2,837	2,928
Metallic ores	1,338	1,480	1,258	1,355	106.4	119.9	105.4	113.8	468	621	597	723
Chemicals, *allied products*	1,313	1,471	1,322	1,385	91.4	112.4	108.3	105.9	1,681	2,739	2,946	3,228
Nonmetallic minerals [2]	1,895	1,592	1,474	1,272	150.6	132.3	124.8	110.0	596	829	948	1,036
Lumber and wood prod. [3]	1,615	1,565	1,384	1,254	88.6	93.1	85.5	80.3	1,066	1,546	1,543	1,559
Transportation equipment	1,135	1,278	1,004	939	27.3	30.6	23.9	22.2	1,283	2,167	1,917	2,120
Pulp, paper, allied products	1,015	977	954	899	40.8	42.4	42.1	41.6	977	1,445	1,652	1,848
Primary metal products	796	913	756	760	51.4	63.9	52.7	53.3	848	1,291	1,332	1,559
Stone, clay, and glass prod.	906	920	776	690	56.8	61.5	53.7	49.2	651	1,016	1,025	1,114
Waste and scrap materials	744	713	632	610	38.2	38.5	34.3	34.1	359	479	513	573
Petroleum and coal prod.	787	716	596	607	45.8	43.9	38.1	39.0	573	835	865	1,019
Machinery, exc. electrical	156	90	77	66	3.6	2.3	2.0	1.7	200	174	176	176
Fabricated metal prod. [4]	244	87	72	55	8.2	2.3	2.0	1.7	221	117	110	105

[1] *Includes commodity groups and small packaged freight shipments, not shown separately.* [2] Except fuels. [3] Except furniture. [4] Except ordnance, machinery, and transport.

Source: 1975 U.S. Interstate Commerce Commission, *Freight Commodity Statistics—Class I Railroads in the United States,* annual; thereafter, Association of American Railroads, Washington, D.C. *Freight Commodity Statistics,* annual.

No. 1093. Producer Price Indexes for Total Railroad Freight: 1970 to 1982

[*1969 = 100. Reflects prices for shipping a fixed set of commodities under specified and unchanging conditions*]

Commodity	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total railroad freight	**108.8**	**126.1**	**129.3**	**149.7**	**169.4**	**186.6**	**199.1**	**213.1**	**243.3**	**284.5**	**327.6**	**351.4**
Annual percent change	8.8	[1] 7.7	2.5	15.8	13.2	10.2	6.7	7.0	14.2	16.9	15.1	7.3
Farm products	108.3	123.5	125.2	145.3	165.0	182.7	191.3	204.9	235.9	275.6	315.0	337.2
Metallic ores	108.9	128.1	133.0	155.0	178.4	197.8	211.1	227.3	263.5	307.9	355.3	367.3
Coal	108.6	126.8	132.5	154.8	177.5	199.6	211.6	228.2	266.2	306.3	350.7	385.2
Nonmetallic minerals	108.0	125.6	130.0	150.5	172.4	191.7	205.5	221.2	257.5	308.1	368.6	398.1
Food products	108.9	126.2	128.8	148.9	168.6	185.1	195.3	210.1	239.2	283.1	329.4	353.2
Wood or lumber products	108.4	123.3	127.4	147.4	163.6	177.9	191.7	205.7	233.4	278.1	326.2	350.7
Pulp, paper, and allied products	108.9	124.1	124.5	143.5	162.7	176.1	186.5	197.1	223.7	264.8	305.3	326.9
Chemical or allied products	108.6	124.8	127.6	147.9	168.5	183.8	197.1	208.5	235.5	274.3	316.2	340.1
Clay, concrete, glass, or stone products	109.4	126.7	131.2	153.1	174.5	192.2	206.4	223.4	255.3	301.8	351.9	379.5
Primary metal products	109.5	126.5	132.1	153.3	174.8	191.6	205.0	217.9	247.1	284.3	323.5	345.5
Transportation equipment	109.4	127.3	131.9	153.5	173.5	190.2	204.3	217.6	246.2	281.9	316.2	326.4

[1] Change from 1970.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes,* monthly.

No. 1094. Class I Railroads—Employment and Equipment: 1960 to 1981

[For definition of class I, see text, p. 604. See also *Historical Statistics, Colonial Times to 1970,* Series Q 301-305 and Q 388-399]

Item	Unit	1960 [1]	1965 [1]	1970 [1]	1975	1976	1977	1978	1979	1980	1981
Employees, average	1,000	780	640	566	494	496	501	480	483	459	436
Compensation, total	Mil. dol.	4,894	4,793	5,557	7,563	8,494	9,224	9,566	10,904	11,318	11,651
Average per hour	Dollars	2.72	3.06	4.14	6.39	7.09	7.66	8.43	9.22	10.21	11.14
Average per year	Dollars	6,444	7,490	10,086	15,324	17,144	18,518	20,573	22,585	24,659	26,698
Locomotives	1,000	31.2	30.1	27.1	28.2	27.6	27.7	27.4	28.1	28.4	28.1
New units installed	Number	389	1,387	1,029	802	488	820	1,224	1,719	1,483	522
Freight cars	1,000	1,690	1,515	1,454	1,359	1,332	1,287	1,227	1,217	1,168	1,111
Box	1,000	700	593	590	475	449	422	384	380	347	314
Gondola and hopper	1,000	831	754	724	680	675	662	647	645	636	621
Other	1,000	159	168	140	204	208	203	196	192	185	176
Aggregate capacity	Mil. tons	91.9	88.3	95.6	99.2	98.3	97.2	94.4	94.6	92.7	89.3
Average capacity	Tons	55.4	59.8	67.1	72.9	73.8	75.5	76.9	77.7	79.4	80.4
New units installed	1,000	54.0	62.9	56.0	41.7	30.8	27.1	28.0	28.6	31.2	20.9
Passenger-train cars	1,000	25.7	20.0	11.2	6.5	5.5	5.5	4.5	4.2	4.3	3.9

[1] Includes other classes and private owners.

Source: Association of American Railroads, Washington, D.C., *Yearbook of Railroad Facts,* and U.S. Interstate Commerce Commission, *Transport Statistics in the United States,* Part 1, annual, and *Statement No. A-300,* annual.

No. 1095. Railroad Accidents—Deaths and Injuries: 1960 to 1982

[Casualty data prior to 1975 cover only those cases where a person lost time from that person's job or other usual activity. Beginning 1975, covers cases with lost time, those requiring medical treatment beyond first aid, termination of employment, transfer to another job, loss of consciousness, and occupational illnesses. Prior to 1975, cases where death occurred more than 24 hours after the injury were classified as injuries; beginning 1975 they were classified as deaths. See also *Historical Statistics, Colonial Times to 1970*, series Q 385-387 and Q 400-401]

TYPE OF CASUALTY	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Persons killed, total	**2,248**	**2,399**	**2,225**	**1,560**	**1,630**	**1,530**	**1,646**	**1,429**	**1,417**	**1,284**	**1,119**
In highway grade crossing accidents [1]	1,364	1,534	1,440	978	1,114	944	1,021	834	788	697	580
Involving motor vehicles [2]	1,254	1,434	1,337	765	956	822	908	704	682	593	510
Passengers on trains	32	11	8	8	5	4	13	6	4	4	9
Railroad employees on duty	190	172	155	110	100	114	122	101	97	65	78
Trespassers and other	2,026	2,216	2,062	1,442	1,525	1,412	1,511	1,322	1,316	1,215	932
Persons injured	**19,577**	**25,789**	**21,327**	**54,306**	**65,331**	**67,867**	**72,545**	**74,126**	**62,246**	**53,003**	**40,275**
In highway grade crossing accidents [1]	3,424	3,801	3,336	4,168	4,831	4,649	4,256	4,172	3,662	3,121	2,508
Involving motor vehicles [2]	3,277	3,663	3,205	3,568	4,307	4,455	4,087	3,938	3,486	2,975	2,386
Passengers on trains	1,463	1,189	489	1,307	998	503	1,252	1,001	593	409	387
Railroad employees on duty	13,245	18,644	15,743	47,318	57,889	61,028	65,071	66,924	56,331	47,838	36,032
Trespassers and other	4,869	5,956	5,095	5,681	6,444	6,336	6,222	6,201	5,322	4,756	3,856

[1] Accidents at public crossings only. [2] Excludes motorcycles.

Source: 1960 and 1965, U.S. Interstate Commerce Commission and, thereafter, U.S. Federal Railroad Administration, *Accident Bulletin*, annual, and *Rail-Highway Crossing Accident/Incidental and Inventory Bulletin*, annual.

No. 1096. Petroleum Pipeline Companies—Characteristics: 1972 to 1981

[Covers pipeline companies operating in interstate commerce and subject to jurisdiction of Interstate Commerce Commission from 1972 to 1976, and Federal Energy Regulatory Commission beginning 1977]

ITEM	Unit	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Miles of pipeline, total	1,000	172.1	170.1	169.0	170.7	169.9	154.5	161.6	169.8	172.7	172.8
Gathering lines	1,000	42.3	42.9	40.7	40.4	37.6	34.7	36.5	36.9	36.3	36.6
Trunk lines	1,000	129.8	127.2	128.3	130.3	132.3	119.8	125.1	132.9	136.4	134.3
Total deliveries	Mil. bbl	8,847	9,416	9,132	9,391	9,742	10,019	10,768	11,140	10,600	10,223
Crude oil	Mil. bbl	5,510	5,760	5,698	5,729	5,996	6,089	6,550	6,728	6,405	6,070
Products	Mil. bbl	3,337	3,656	3,434	3,662	3,746	3,930	4,218	4,412	4,195	4,153
Total trunk line traffic	Bil. bbl-miles	2,687	2,502	2,632	2,892	2,918	3,895	3,723	3,577	3,405	3,554
Crude oil	Bil. bbl-miles	1,520	1,262	1,456	1,551	1,639	2,267	2,031	1,946	1,948	1,813
Products	Bil. bbl-miles	1,167	1,240	1,176	1,341	1,279	1,627	1,691	1,631	1,458	1,740
Carrier property value	Mil. dol	6,749	7,000	8,038	10,740	13,684	16,736	17,654	18,990	19,752	21,250
Operating revenues	Mil. dol	1,338	1,438	1,579	1,869	2,132	2,818	4,990	5,781	6,356	6,678
Net income	Mil. dol	415	408	330	456	595	478	1,696	1,648	1,912	2,031

Source: PennWell Publishing Co., Tulsa Oklahoma, *Oil and Gas Journal*, November 22, 1982 and earlier issues. (Copyright.)

No. 1097. Interstate Natural Gas Pipeline Companies—Summary: 1960 to 1981

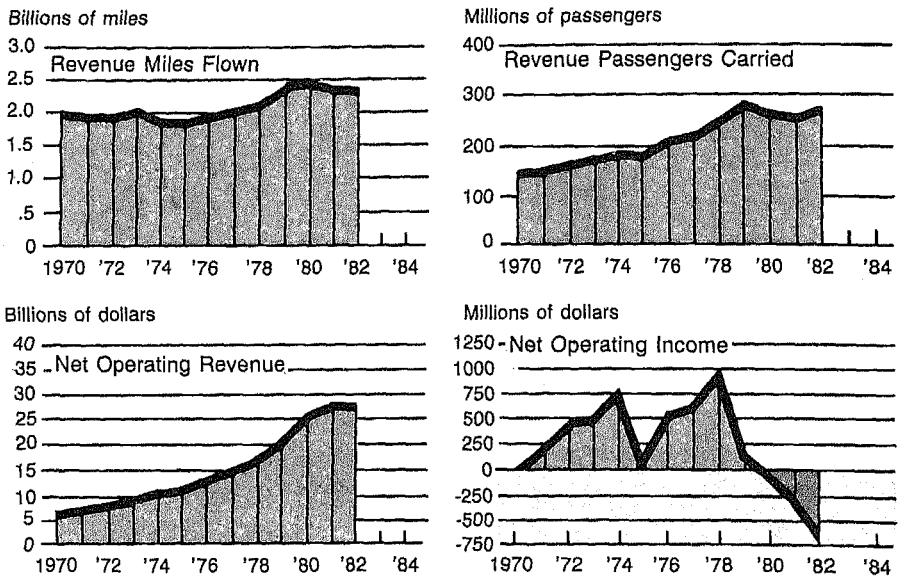
[Excludes companies whose operations are limited to production of natural gas and sales of gas at or near the point of production. Covers classes A and B interstate natural gas pipeline companies with annual gas operating revenues of $1,000,000 or more]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981
Sales	Tril. cu. ft	11.8	14.7	19.9	16.5	15.7	16.2	17.7	17.3	17.9
Residential	Tril. cu. ft	.6	.6	.6	.5	.6	.6	.6	.6	.7
Commercial, industrial	Tril. cu. ft	2.4	2.5	2.9	1.9	1.9	1.9	2.1	2.3	2.5
For resale	Tril. cu. ft	8.7	11.6	16.3	14.0	13.2	13.6	14.8	14.4	14.5
Operating revenues	Mil. dol	4,571	5,584	7,955	14,278	22,289	25,966	35,509	45,271	55,710
From sales [1]	Mil. dol	4,352	5,346	7,576	13,451	21,126	24,832	33,980	43,222	53,272
Residential	Mil. dol	537	488	622	756	1,316	1,520	1,754	2,001	2,927
Commercial, industrial	Mil. dol	731	793	1,025	1,646	2,842	3,272	4,527	5,950	8,283
For resale	Mil. dol	3,046	4,043	5,898	11,003	16,912	19,977	27,597	35,271	42,062
From transportation of gas to others	Mil. dol	100	113	188	387	559	619	772	924	1,055
Other	Mil. dol	119	126	191	440	604	511	757	1,125	1,383
Operation, maintenance expenses	Mil. dol	3,091	3,673	5,602	10,374	17,596	20,954	29,867	39,154	49,307
Production	Mil. dol	2,472	3,142	4,546	8,573	15,096	18,048	26,157	34,742	43,733
Storage	Mil. dol	21	39	63	140	205	254	275	303	367
Transmission	Mil. dol	306	379	534	912	1,300	1,519	2,077	2,547	3,278
Distribution	Mil. dol	75	65	92	122	178	193	217	245	312
Administrative, general, and other	Mil. dol	216	248	368	627	817	940	1,141	1,317	1,617
Pipeline mileage:										
Transmission lines	1,000	135.5	154.4	182.0	187.2	189.9	190.7	193.4	192.4	186.8
Field lines	1,000	42.5	47.7	51.6	57.1	60.2	63.0	66.2	69.7	73.0
Storage	1,000	2.9	3.1	3.5	4.2	4.2	4.3	4.4	12.1	4.3

[1] Includes other ultimate customers not shown separately.

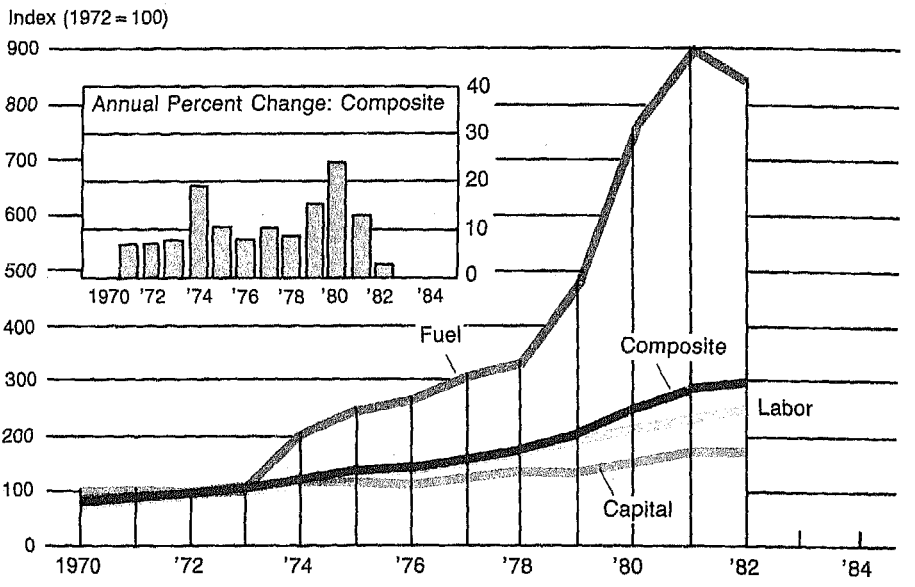
Source: 1960-1975, U.S. Federal Power Commission and, thereafter, U.S. Energy Information Administration, *Statistics of Interstate Natural Gas Pipeline Companies*, annual.

Figure 23.1
Domestic Scheduled Air Carriers: 1970 to 1982

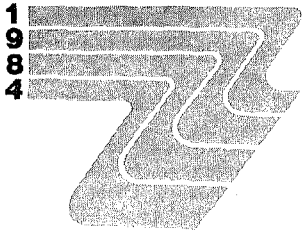


Source: Chart prepared by U.S. Bureau of the *Census*. For data, see tables 1098 and 1099.

Figure 23.2
Airline Cost Indexes: 1970 to 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1103.



Section 23

Transportation—Air and Water

This section presents statistics on civil air transportation, both passenger and cargo, and on water transportation, including inland waterways, oceanborne commerce, the merchant marine, cargo and vessel tonnages, and shipbuilding. Comparative data on various types of transportation carriers are presented in section 22.

Principal sources of these data are the annual *FAA Statistical Handbook of Aviation* issued by the Federal Aviation Administration (FAA); the annual *Waterborne Commerce of the United States* issued by the Corps of Engineers of the Department of the Army; the monthly and annual issues of *U.S. Waterborne Exports and General Imports,* and *U.S. Airborne Exports and General Imports,* the annual *Vessel Entrances and Clearances,* and the monthly *Highlights of U.S. Export and Import Trade,* issued by the Bureau of the Census. In addition, the Bureau of the Census in its commodity transportation survey (part of the census of transportation, taken every five years, for years ending in "2" and "7") provides data on the type, weight, and value of commodities shipped by manufacturing establishments in the United States, by means of transportation, origin, and destination.

Air transportation data are also presented annually by the Air Transport Association of America, Washington, D.C. in *Air Transport Facts and Figures.* Additional sources of data on water transportation include *A Statistical Analysis of the World's Merchant Fleets,* issued periodically by the U.S. Maritime Administration; *The Bulletin,* issued monthly by the American Bureau of Shipping, New York; and the *Annual Summary of Merchant Ships Completed in the World* and the *Register Book,* published by Lloyd's Register of Shipping, London, England.

Civil aviation.—Federal promotion and regulation of civil aviation are carried out by the FAA and the Civil Aeronautics Board (CAB). The CAB promotes and regulates the civil air transportation industry within the United States and between the United States and foreign countries. The Board grants licenses to provide air transportation service, approves or disapproves proposed rates and fares, and approves or disapproves proposed agreements and corporate relationships involving air carriers. The responsibility for investigation of aviation accidents resides with the National Transportation Safety Board.

The principal activities of the FAA include: The promotion of air safety; controlling the use of navigable airspace; prescribing regulations dealing with the competency of airmen, airworthiness of aircraft, and air traffic control; operation of air route traffic control centers, airport traffic control towers, and flight service stations; the design, construction, maintenance, and inspection of navigation, traffic control, and communications equipment for the airways; and the development of general aviation.

The CAB publishes monthly and quarterly financial and traffic statistical data for the certificated route air carriers. The FAA publishes annually data on the use of airway facilities; data related to the location of airmen, aircraft, and airports; the volume of activity in the field of non-air carrier (general aviation) flying; and aircraft production and registration.

General aviation comprises all civil flying (including such commercial operations as small demand air taxis, agriculture application, powerline patrol, etc.) but excludes certificated route air carriers, supplemental operators, large-aircraft commercial operators and commuter airlines.

Air carriers and service.—The CAB issues "certificates of public convenience and necessity" in two categories: *Certificated route air carriers* (often referred to as "scheduled airlines") and *supplemental (or charter) air carriers* (see footnote 3, table 1105). Certificated route air carriers are passenger/cargo and all-cargo carriers which are authorized to perform *scheduled service* over specified routes according to published flight schedules. Certificated route carriers are, however, allowed to perform some *nonscheduled service* (i.e., revenue flights outside of the regular schedule, such as charter flights, and all nonrevenue flights incident to such flights).

Vessel shipments, entrances, and clearances.—Shipments by dry cargo vessels comprise shipments on all types of watercraft, except tanker vessels; shipments by tanker vessels comprise all types of cargo, liquid and dry, carried by tanker vessels.

A vessel is reported as entered only at the first port which it enters in the United States whether or not cargo is unloaded at that port. A vessel is reported as cleared only at the last port at which clearance is made to a foreign port, whether or not it takes on cargo. Army and Navy vessels entering or clearing without commercial cargo are not included in the figures.

Units of measurement.—Cargo (or freight) tonnage and shipping weight both represent the gross weight of the cargo including the weight of containers, wrappings, crates, etc. However, shipping weight excludes lift and cargo vans and similar substantial outer containers. Other tonnage figures generally refer to stowing capacity of vessels, 100 cubic feet being called 1 ton. Gross tonnage comprises the space within the frames and the ceiling of the hull, together with those closed-in spaces above deck available for cargo, stores, passengers, or crew, with certain minor exceptions. Net or registered tonnage is the gross tonnage less the spaces occupied by the propelling machinery, fuel, crew quarters, master's cabin, and navigation spaces. Substantially, it represents space available for cargo and passengers. The net tonnage capacity of a ship may bear little relation to weight of cargo. Deadweight tonnage is the weight in long tons required to depress a vessel from light water line (that is, with only the machinery and equipment on board) to load line. It is, therefore, the weight of the cargo, fuel, etc., which a vessel is designed to carry with safety.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 1098. Certificated Route Passenger/Cargo Air Carriers—Number, Operating Revenues, and Expenses: 1960 to 1982

[**In millions of dollars, except number of carriers.** 1960–1979, includes scheduled and charter operations. Beginning 1980, includes all cargo carriers. *Minus sign* (–) denotes loss. See also headnote, table 1099, and *Historical Statistics, Colonial Times to 1970*, series Q 591–603]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981 [1]	1982, [1] prel.
Number of air carriers	55	50	39	33	33	33	35	49	63	98	98
DOMESTIC											
Revenue	**2,129**	**3,609**	**7,131**	**11,911**	**13,789**	**16,690**	**17,943**	**21,337**	**26,404**	**28,788**	**28,730**
Passenger	1,860	3,180	6,359	10,290	12,104	13,772	15,753	18,930	23,317	25,504	25,442
Mail (including subsidy)	113	158	205	247	292	355	334	413	530	591	571
Express and freight	103	231	472	702	835	978	1,107	1,184	1,582	1,659	1,504
Other	53	40	94	672	558	585	749	810	974	1,034	1,213
Expenses	**2,091**	**3,165**	**7,128**	**11,781**	**13,213**	**15,036**	**16,948**	**21,213**	**26,409**	**29,051**	**29,466**
Flying operations	601	855	2,098	3,869	4,401	5,229	5,577	7,867	11,029	12,037	11,529
Maintenance	438	640	1,127	1,595	1,802	1,986	2,125	2,421	2,758	2,821	2,710
General services and administration	824	1,354	3,157	5,050	5,774	6,536	7,556	9,120	10,545	11,943	12,813
Passenger service	(NA)	260	707	1,116	1,260	1,461	1,711	2,091	2,329	2,522	2,671
Aircraft and traffic servicing	(NA)	554	1,298	2,125	2,412	2,693	3,063	3,619	4,051	4,497	4,664
Promotion and sales	(NA)	374	809	1,265	1,490	1,708	2,028	2,547	3,095	3,708	4,150
General and administrative	(NA)	145	344	544	612	674	754	863	1,069	1,216	1,328
Depreciation and amortization	229	316	745	883	920	960	1,213	1,352	1,560	1,723	1,876
Transport related	(NA)	(NA)	(NA)	383	316	325	477	453	517	526	537
Net operating income	**38**	**444**	**3**	**129**	**576**	**654**	**995**	**123**	**–6**	**–264**	**–736**
INTERNATIONAL											
Revenue	**685**	**1,211**	**1,913**	**3,063**	**3,316**	**3,774**	**4,332**	**5,191**	**6,543**	**6,390**	**6,435**
Passenger	528	954	1,553	2,435	2,638	3,019	3,494	4,226	4,984	4,916	4,959
Mail (including subsidy)	56	91	110	97	85	88	92	107	175	165	177
Express and freight	59	140	209	381	403	444	457	534	1,011	984	989
Other	42	26	41	150	190	224	288	325	372	325	310
Expenses	**639**	**1,001**	**1,894**	**3,059**	**3,182**	**3,552**	**4,008**	**5,105**	**6,766**	**6,574**	**6,454**
Flying operations	180	263	515	1,050	1,029	1,170	1,211	1,795	2,775	2,757	2,596
Maintenance	102	146	241	363	368	414	458	521	616	540	508
General services and administration	280	493	950	1,345	1,431	1,609	1,886	2,289	2,811	2,752	2,803
Passenger service	(NA)	98	223	287	296	347	422	531	600	583	574
Aircraft and traffic servicing	(NA)	162	332	510	536	598	676	820	1,049	932	891
Promotion and sales	(NA)	172	293	399	451	506	599	749	917	945	963
General and administrative	(NA)	61	103	149	148	158	191	189	246	292	375
Depreciation and amortization	78	100	188	212	193	238	303	327	385	382	395
Transport related	(NA)	(NA)	(NA)	88	101	120	148	173	176	144	152
Net operating income	**45**	**210**	**19**	**4**	**133**	**222**	**324**	**86**	**–223**	**–184**	**–19**

NA Not available. [1] Excludes carriers that report system total only (revenues in 1982 of $848 million; expenditures of $795 million).

Source: U.S. Federal Aviation Administration. From data supplied by U.S. Civil Aeronautics Board, *CAB Air Carrier Financial Data*, annual.

NO. 1099. CERTIFICATED ROUTE AIR CARRIERS—SUMMARY: 1960 TO 1982

[As of **Dec. 31** or for **calendar years.** See text, p. 631. Operations between conterminous U.S. and Hawaii (through 1965), Puerto Rico, and outlying areas included with international. Intra-Alaska included with domestic carriers and Mainland Alaska with international, as follows: Number of operators and traffic data, fuel and financial data, and personnel data, 1960 and 1965. Beginning 1970, Alaska and Hawaii included in domestic. See also *Historical Statistics, Colonial Times to 1970*, series Q 577-590 and Q 624-633]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982
Domestic operators [1]	Number	43	39	35	33	34	52	63	98	98
International operators [1]	Number	12	11	6	2	2				
Employment, total [2]	1,000	166	211	297	290	329	341	371	350	330
Pilots, copilots, and other flight personnel	1,000	17	22	33	32	36	37	39	37	35
Flight attendants	1,000	11	17	34	39	48	53	57	55	51
Mechanics	1,000	34	42	48	45	44	45	45	46	43
Aircraft and traffic servicing personnel	1,000	43	58	84	83	96	98	122	95	88
Other	1,000	61	72	98	91	104	108	108	117	113
Aircraft in operation [3]	Number	1,867	1,896	2,437	2,267	2,348	2,466	2,505	2,523	2,468
Fixed-wing	Number	1,842	1,875	2,421	2,260	2,345	2,466	2,505	2,523	2,468
Turbojet	Number	202	712	2,041	2,022	2,184	2,308	2,336	2,295	2,377
Two-engine	Number	-	41	519	500	579	621	652	731	863
Three-engine	Number	-	168	631	961	1,140	1,232	1,311	1,284	1,260
Four-engine	Number	202	503	891	561	465	455	373	280	254
Turboprop	Number	227	296	316	193	155	152	163	223	88
Piston	Number	1,413	867	64	45	6	6	6	5	3
Helicopters	Number	25	21	16	7	3	-	-	-	-
Average available seats: [4] [5]										
Domestic	Number	65.5	89.2	110.4	130.4	140.0	139.9	143.1	147.2	153.2
International	Number	89.9	129.1	154.9	224.8	244.1	259.1	274.5	279.6	284.1
Average/hr. speed: [5]										
Domestic	Mi. per hr.	235	314	403	403	409	406	405	403	412
International	Mi. per hr.	303	445	482	482	489	493	494	494	494
Fuel consumed: [6]										
Gasoline	Mil. gal	1,189	519	14	6	(7)	(7)	(7)	(7)	(7)
Jet fuel:										
Domestic	Mil. gal	988	3,420	7,842	7,558	8,621	9,376	9,218	8,984	8,311
International	Mil. gal	343	1,236	2,241	1,949	1,913	1,993	2,093	1,826	1,799
Revenue-miles flown [5]	Millions	998	1,354	2,426	2,241	2,520	2,791	2,816	2,703	2,686
Domestic	Millions	829	1,099	2,027	1,909	2,201	2,435	2,471	2,396	2,376
International	Millions	168	255	399	332	319	355	345	307	310
Revenue passengers enplaned [5]	Millions	62	103	169	205	275	317	297	286	293
Domestic	Millions	56	92	153	189	254	293	273	265	273
International	Millions	6	11	16	16	21	24	24	21	20
Revenue passenger-miles flown: [5]										
Domestic	Billions	30.6	51.9	104.1	131.7	182.7	208.9	200.8	198.7	209.5
International	Billions	8.3	16.8	27.6	31.1	44.1	53.1	54.4	50.1	49.4
Average passenger-mile rate: [5]										
Domestic	Dollars	.061	.061	.060	.077	.085	.091	.113	.127	.121
International	Dollars	.064	.053	.050	.072	.075	.077	.075	.095	.096
Express and freight revenue, ton-miles flown [5]	Millions	702	1,820	3,515	4,796	5,818	5,964	5,742	5,686	5,455
Domestic	Millions	476	1,112	2,216	2,747	3,505	3,466	3,277	3,350	3,026
International	Millions	226	708	1,299	2,049	2,313	2,498	2,465	2,336	2,429
Mail, ton-miles flown: [5]										
Domestic	Millions	135	228	715	683	807	853	949	998	1,004
International	Millions	107	265	549	426	374	372	393	376	399
Accidents (scheduled passenger service):										
Domestic, total [8] [9]	Number	62	55	32	21	18	14	19	25	[10] 16
Fatal	Number	[9] 10	6	1	2	4	4	2	4	[10] 5
Fatalities [11]	Number	363	223	1	122	16	279	14	4	[10] 235
Passenger-fatalities per 100 million passenger miles flown [12]	Number	.9	.4	-	.081	.006	.125	.005	.001	.091
International, total	Number	5	8	7	7	1	4	(8)	(8)	(8)
Fatal	Number	2	1	1	-	-	1	(8)	(8)	(8)
Fatalities [11]	Number	15	30	2	-	-	73	(8)	(8)	(8)
Passenger-fatalities per 100 million passenger miles flown	Number	.1	.1	.007	-	-	.115	(8)	(8)	(8)

- Represents zero. [1] The Airline Deregulation Act of 1978 lifted some restrictions on entering new markets. As a result there is no longer a clear distinction between domestic and international operators. Includes all cargo. [2] Scheduled airlines only. Source: Air Transport Association of America, Washington, D.C., *Air Transport Facts and Figures*, annual. [3] Excludes those used for crew training and general utility purposes, or held for disposal. Beginning 1975, includes aircraft operated by the scheduled all-cargo certificated route air carriers. [4] Seats per aircraft mile. Passenger seat-miles divided by revenue-miles flown in passenger service. [5] Scheduled services of all certificated route air carriers; includes all cargo. [6] Includes air cargo. [7] Included in "Jet fuel." [8] Beginning 1980, international data included with domestic. [9] Includes mid-air collisions nonfatal to air carrier occupants (excluded in computation of fatal accidents). [10] Preliminary. [11] Includes crew members. [12] Excludes passenger deaths in dynamite accidents (29 in 1960).

Source: Except as noted, U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation*, annual. Includes data from U.S. Civil Aeronautics Board and U.S. National Transportation Safety Board.

NO. 1100. CERTIFICATED ROUTE AIR CARRIERS—SERVICE AND TRAFFIC: 1960 TO 1982

(In millions, except as indicated)

ITEM	1960	1965	1970	1975	1978	1979	1980	1981	1982
Revenue ton-miles, all services	5,024	9,895	20,186	23,534	31,095	34,551	34,656	33,923	34,914
Revenue ton-miles, scheduled	4,729	8,985	18,166	22,186	29,679	33,390	32,603	31,949	32,762
Passenger [1]	3,777	6,672	13,171	16,281	22,678	26,202	25,519	24,889	25,904
U.S. mail	241	483	1,470	1,097	1,168	1,206	1,318	1,348	1,374
Foreign mail	9	10	10	12	14	18	24	26	29
Express	59	90	107	29	56	56	56	68	57
Freight	643	1,730	3,408	4,766	5,763	5,908	5,686	5,618	5,398
Revenue ton-miles, charter [2]	296	909	2,020	1,348	1,416	1,161	2,053	1,974	2,152
Available ton-miles, all services	9,384	19,661	44,298	49,289	56,869	62,546	66,163	64,245	65,470
Ton-mile load factor (percent)	53.5	50.3	45.6	47.7	54.7	55.2	52.4	52.8	53.3
Scheduled services total:									
Revenue passengers enplaned, scheduled	62	103	170	205	275	317	297	286	293
Revenue passenger-miles (bil.)	39	69	132	163	237	262	255	249	259
Available seat-miles (bil.)	66	124	265	303	369	416	433	425	439
Passenger load factor (percent)	59.3	55.2	49.7	53.7	61.5	63.0	59.0	58.6	59.0
Revenue passenger-miles per gallon of fuel (number) [3]	(NA)	(NA)	15.4	18.7	22.9	24.3	24.1	24.8	26.1
Revenue plane-miles	998	1,354	2,418	2,241	2,520	2,791	2,816	2,703	2,688

NA Not available. [1] A passenger ton-mile represents 1 ton of passenger weight, including free and excess baggage, transported 1 mile. [2] Passenger and cargo. [3] For major and national airlines; see headnote, table 1103.

Source: Air Transport Association of America, Washington, D.C., *Air Transport Facts and Figures*, annual. Data from Civil Aeronautics Board.

NO. 1101. LARGE AIR TRAFFIC HUBS—SUMMARY: 1981

[**In thousands, except number of airports.** For calendar year. Air traffic hubs are cities and standard metropolitan statistical areas requiring aviation services. A *large hub* is one which enplanes at least one percent of the total enplaned revenue passengers in all services and all operations of U.S. certificated route air carriers]

AREA OR HUB	Airports [1]	AIRCRAFT DEPARTURES			Revenue passengers enplaned	ENPLANED REVENUE TONS		
		Total [2]	Scheduled			Total [3]	Freight and express	U.S. mail
			Number	Completed				
Total, all areas	771	5,132.8	5,224.9	5,022.9	281,331.1	4,394.8	3,158.1	1,220.8
Total, 24 large hubs	35	2,720.3	2,774.3	2,684.0	186,563.2	3,068.2	2,205.3	861.5
Atlanta, Ga	1	256.7	261.5	256.0	16,702.9	259.8	162.9	96.9
Boston, Mass	1	86.2	87.2	84.2	6,662.9	121.3	90.6	30.7
Chicago, Ill	2	256.5	265.8	254.9	16,906.6	450.7	348.2	102.5
Dallas-Ft. Worth, Tex	2	208.5	212.5	208.1	13,923.0	133.2	84.4	48.8
Denver, Colo	1	160.8	165.0	160.1	10,437.1	101.6	65.6	36.0
Detroit/Ann Arbor, Mich	2	82.6	84.7	79.6	4,749.8	65.5	40.4	25.1
Honolulu, Hawaii	1	44.9	46.3	41.3	5,442.6	104.9	83.4	20.8
Houston, Tex	2	115.9	118.4	115.2	7,515.8	59.0	42.7	16.3
Las Vegas, Nev	1	64.3	61.8	60.7	4,232.3	6.5	3.4	3.1
Los Angeles/Burbank/Long Beach, Calif	3	216.3	222.9	214.0	15,768.9	364.3	298.5	65.8
Miami/Ft. Lauderdale, Fla	2	137.8	138.3	135.1	10,018.5	145.6	121.9	23.6
Minneapolis/St. Paul, Minn	1	76.9	77.5	75.9	4,523.9	70.7	45.5	25.1
Newark, N.J	1	62.1	63.9	61.6	4,531.2	55.7	30.9	24.8
New Orleans, La	1	47.9	48.6	47.6	2,928.4	15.1	8.4	6.7
New York, N.Y	2	184.8	186.4	179.9	16,686.9	474.0	365.7	108.2
Orlando, Fla	1	51.5	51.8	50.9	2,866.4	22.3	18.3	4.0
Philadelphia, Pa./Camden, N.J	1	58.7	60.4	58.3	3,581.6	64.3	33.2	31.1
Phoenix, Ariz	1	61.7	62.6	60.0	3,397.9	22.6	13.3	9.3
Pittsburgh, Pa./Wheeling, W. Va	1	85.3	88.7	84.7	4,183.3	28.0	10.1	17.9
St. Louis, Mo	1	93.6	96.8	93.0	5,126.3	43.5	18.5	25.0
San Francisco/Oakland, Calif	2	123.7	126.1	122.4	9,624.6	223.4	168.0	55.4
Seattle/Tacoma, Wash	2	67.3	68.8	66.5	4,285.3	147.2	118.6	28.4
Tampa/St. Petersburg/Clearwater/Lakeland, Fla	1	62.3	63.3	61.9	3,184.1	21.8	13.2	8.6
Washington, D.C	2	113.8	114.9	111.7	7,282.7	66.8	19.4	47.4

[1] Airports serving area or hub. Airports certificated under Federal Aviation Regulation (FAR Part 139) served by scheduled and unscheduled air carriers. [2] Includes completed scheduled and unscheduled. [3] Includes foreign mail, not shown separately.

Source: U.S. Federal Aviation Administration, *Airport Activity Statistics*, 1981.

No. 1102. Civil Flying—Summary: 1960 to 1982

[As of Dec. 31 or for years ending Dec. 31, except as noted. See also *Historical Statistics, Colonial Times to 1970,* series Q 604-623]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982
Airports in operation [1]	Number	6,881	9,566	11,261	13,251	14,574	14,746	15,161	15,476	15,831
Heliports	Number	66	401	790	1,524	1,986	2,108	2,336	2,507	2,712
Public	Number	2,780	3,570	4,260	4,573	4,751	4,761	4,814	4,798	4,805
Private	Number	4,101	5,996	7,001	8,678	9,823	9,985	10,347	10,678	11,026
Airports with runway lights	Number	2,133	2,878	3,554	4,171	4,567	4,631	4,736	4,795	4,844
Airports with paved runways	Number	1,893	2,747	3,805	4,865	5,484	5,618	5,833	5,626	6,223
Miles of Federal airways	1,000	(NA)	(NA)	324.7	403.9	605.7	615.5	615.5	569.6	566.6
Airport Improvement Program [2]	Mil. dol	82.0	59.5	50.5	339.9	539.8	624.2	639.0	442.6	407.1
Total civil aircraft	1,000	111.6	142.1	154.5	196.3	236.8	251.5	259.4	261.6	259.0
Active aircraft [3]	1,000	78.8	97.7	134.5	171.2	201.3	213.9	214.8	217.2	(NA)
Air carriers, total [4]	1,000	2.2	2.3	2.8	2.5	2.6	3.6	3.8	4.0	4.2
General aviation aircraft [5]	1,000	76.5	95.4	131.7	168.5	198.7	210.3	211.0	213.2	(NA)
Fixed-wing aircraft:										
Multi-engine	1,000	7.2	12.0	18.4	24.6	28.9	31.3	31.7	33.5	(NA)
Single-engine:										
4-place and over	1,000	34.8	49.8	64.6	82.6	101.5	106.0	107.9	108.0	(NA)
3-place and less	1,000	33.5	31.4	44.9	54.4	59.2	62.4	60.5	59.9	(NA)
Rotorcraft [6]	1,000	.6	1.5	2.2	4.1	5.1	5.9	4.9	7.0	(NA)
Balloons, blimps, gliders, etc	1,000	.4	.8	1.6	2.8	4.0	4.8	5.0	5.0	(NA)
Airman certificates held	1,000	518	684	1,023	1,052	1,161	1,192	1,221	1,163	1,154
Pilot [7]	1,000	348	480	733	728	799	815	827	764	733
Held by women	Percent	2.9	3.7	4.0	5.2	6.2	6.4	6.4	6.2	4.5
Airline transport	1,000	18	22	34	43	56	64	70	70	73
Commercial	1,000	90	117	187	189	186	182	183	169	165
Private	1,000	139	196	304	306	338	343	357	329	322
Student	1,000	99	139	196	177	205	210	200	180	156
Nonpilot [8]	1,000	170	204	290	324	362	377	393	398	421
Ground technicians [9]	1,000	151	175	241	271	302	307	321	336	352
General aviation: [5]										
Hours flown [10]	Million	13.1	16.7	26.0	32.0	39.4	43.3	41.0	40.7	(NA)
Fuel consumed: [11]										
Gasoline	Mil. gal	(NA)	304	362	397	518	570	520	(NA)	(NA)
Jet fuel [12]	Mil. gal	(NA)	183	415	510	763	736	766	(NA)	(NA)
Domestic air cargo, revenue ton-miles flown [13]	Million	724	1,661	2,581	3,049	3,824	3,794	3,579	3,660	3,455
Certificated route carriers:										
Scheduled service [14]	Million	476	1,112	2,215	2,747	3,505	3,466	3,277	3,350	3,026
Nonscheduled service [14]	Million	135	330	80	39	57	88	[15] 302	[15] 310	[15] 429
Supplemental carriers [16]	Million	112	220	285	263	262	240	([15])	([15])	([15])
Aircraft accidents: [17]										
General aviation [5]	Number	4,793	5,196	4,712	4,034	4,223	3,800	3,594	3,504	3,276
Fatal	Number	429	538	641	638	723	629	621	657	574
Rate per 100,000 aircraft hours flown	Rate	(NA)	(NA)	(NA)	2.24	2.07	1.62	1.65	1.79	1.59
Fatalities	Number	787	1,029	1,310	1,247	1,563	1,219	1,247	1,288	1,164
Air carrier [18]	Number	90	83	55	31	21	24	15	25	16
Fatal	Number	17	9	8	2	5	4	-	4	5
Rate per 1,000,000 aircraft miles flown	Rate	(NA)	(NA)	(NA)	.001	.002	.001	-	.001	.001
Fatalities	Number	499	261	146	122	160	351	-	4	235
Commuter air carriers [19]	Number	(NA)	(NA)	(NA)	48	61	52	38	33	21
Fatal	Number	(NA)	(NA)	(NA)	12	14	15	8	10	4
Rate per 1,000,000 aircraft miles flown	Rate	(NA)	(NA)	(NA)	.07	.06	.08	.04	.05	.02
Fatalities	Number	(NA)	(NA)	(NA)	28	48	66	37	36	13
Air taxis [20]	Number	(NA)	(NA)	(NA)	152	198	160	170	155	145
Fatal	Number	(NA)	(NA)	(NA)	24	54	30	45	39	32
Rate per 100,000 aircraft hours flown	Rate	(NA)	(NA)	(NA)	.95	1.52	.81	1.24	1.35	1.12
Fatalities	Number	(NA)	(NA)	(NA)	69	155	77	103	92	75
Hijacking incidents, worldwide	Number	-	5	83	25	31	27	40	32	32
U.S.-registered aircraft	Number	-	4	27	12	13	13	22	8	10
Successful [21]	Number	-	1	18	4	2	6	13	2	4
Foreign-registered aircraft	Number	-	1	56	13	18	14	18	24	21
Successful [21]	Number	-	-	37	3	8	8	9	13	12

- Represents or rounds to zero. NA Not available. [1] Existing airports, heliports, seaplane bases, etc. recorded with FAA. Includes military airports with joint civil and military use. Includes U.S. outlying areas. Airport-type definitions: Public—publicly owned and under control of a public agency; private—owned by a private individual or corporation. May or may not be open for public use. [2] Obligated Federal funds only; fiscal year data. Does not include System Planning Grants. Includes U.S. outlying areas. Prior to July 1, 1970, data are for Federal-Aid Airport Program (FAAP), 1970-1982 data are for the Airport Development Aid Program. [3] Registered aircraft that flew 1 or more hours during the year. [4] Includes helicopters. [5] See text p. 631. [6] Includes autogyros; excludes air carrier helicopters. [7] Includes all active pilots. An active pilot is one with a pilot certificate and a valid medical certificate. Also includes pilots who hold only a helicopter, glider, or lighter than air certificate, not shown separately. [8] Includes dispatchers, control tower operators, flight navigators and engineers, and ground technicians—mechanics, parachute riggers, and ground instructors. [9] No medical examinations are required, therefore, data represent all certificates on record and include retired or otherwise inactive technicians. [10] Hours flown for 1975 and 1976 are revised. In 1980, the 41.0 million flight hours comprised 13.7 hours of business and executive flying, 11.5 hours of commercial flying (including air taxi, aerial applicator, rental aircraft), 5.7 hours of instructional flying; 8.9 hours of personal flying, and 1.0 hours of flying for other purposes. Detail does not add to total due to independent estimating technique. [11] Source: 1965-1975, U.S. Bureau of Mines; 1976-1982 FAA General Aviation Activity and Avionics Survey. [12] Includes kerosene-type and naphtha-type jet fuels. [13] Total domestic, includes freight and air express; excludes mail. [14] Includes civilian and military freight and other revenue ton-miles. [15] Beginning 1980, supplementals included in nonscheduled service. [16] Civil and military. [17] Data from National Transportation Safety Board. Beginning 1970, data not strictly comparable due to change of definition. [18] Beginning in 1975 includes all scheduled service of U.S. Air Carriers operating under 14 CFR 121. [19] Beginning in 1975 includes all scheduled service of U.S. Air Carriers operating under 14 CFR 135. [20] Beginning in 1975, includes all nonscheduled service of the U.S. Air Carriers operating under 14 CFR 135. [21] Hijacker controls flight and reaches destination or objective.

Source: U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation,* annual, and unpublished data. Includes data from U.S. Civil Aeronautics Board.

No. 1103. Airline Cost Indexes: 1970 to 1983

[Covers U.S. major and national service carriers. Major carriers have operating revenues of $1 billion or more; nationals have operating revenues from $75 million to $1 billion]

ITEM	INDEX (1972=100)								PERCENT OF CASH OPERATING EXPENSES [2]			
	1970	1975	1978	1979	1980	1981	1982	1983 [1]	1970	1975	1980	1983 [1]
Composite	**87.8**	**141.7**	**183.6**	**211.3**	**261.7**	**295.7**	**304.0**	**307.0**	**100.0**	**100.0**	**100.0**	**100.0**
Labor	82.9	129.4	178.8	191.7	212.0	233.4	251.6	271.3	46.3	41.2	35.6	36.9
Interest [3]	106.5	117.0	143.4	143.7	162.9	182.5	181.9	179.4	4.3	2.9	3.1	4.2
Fuel	94.2	252.2	339.3	495.9	774.2	903.0	852.2	762.5	12.7	19.1	30.3	24.8
Passenger food	95.5	118.8	126.1	134.7	151.7	164.6	163.1	170.4	3.9	3.4	2.9	3.2
Advertising and promotion	99.1	101.3	101.3	108.3	134.6	166.0	191.2	192.5	2.6	1.8	1.6	2.2
Landing fees	81.7	133.9	160.2	172.9	189.4	204.9	210.1	214.6	2.2	2.4	1.7	1.7
Passenger traffic commissions	81.0	153.2	199.0	227.9	316.1	392.9	408.4	422.7	2.9	3.8	5.3	6.9
All other	91.5	125.8	150.4	163.4	178.5	195.2	206.9	214.7	25.0	25.3	19.5	20.2

[1] *Apr.–June.* [2] *Total operating expenses plus interest on long term debt, less depreciation and amortization.*
[3] Interest on debt.

Source: Air Transport Association of America, Washington, D.C., *Air Transport, 1983*, annual, and unpublished data.

No. 1104. Commuter/Regional Airline Operations—Summary: 1975 to 1982

[Calendar year data. Commuter/regional airlines operate primarily aircraft of predominately 60 passengers or less and 18,000 pounds payload of cargo serving short haul and small community markets. Represents operations within all North America by *U.S. regional carriers*]

ITEM	Unit	1975	1976	1977	1978	1979	1980	1981	1982
Carriers	Number	235	252	242	252	258	237	277	245
Aircraft in service	Number	1,073	1,009	1,130	1,200	1,350	1,606	1,743	1,857
Communities served	Number	(NA)	(NA)	717	677	630	571	738	787
Airports served	Number	747	781	764	702	660	605	776	817
Revenue passengers enplaned	1,000	7,243	7,914	9,185	11,026	13,972	14,810	15,420	16,555
By 50 largest carriers	1,000	(NA)	6,282	7,259	8,422	11,349	12,167	13,000	16,328
Revenue passenger miles	Millions	733	834	946	1,279	1,724	1,917	2,090	2,610
Cargo pounds	Millions	129	152	196	299	346	472	566	628

NA Not available.

Source: Regional Airline Association, Washington, D.C., *Annual Report.*

No. 1105. Charter Passengers, by Flag of Air Carrier and by Area of Travel: 1970 to 1982

[**In thousands.** Covers charter flights to, from, or within the U.S. 1970–1975 estimates derived by multiplying available seats by passenger load factors; thereafter, based on actual passengers]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980 [1]	1981 [1]	1982 [1]
Total passengers	**3,862**	**6,236**	**5,745**	**7,390**	**9,038**	**8,309**	**6,500**	**3,329**	**3,344**	**3,814**
U.S.:										
Route carriers [2]	1,355	3,040	2,835	4,109	4,597	3,871	2,854	794	726	959
Charter (supplemental) carriers [3]	1,647	2,129	1,470	1,631	2,229	2,405	1,843	790	846	817
Foreign:										
Route carriers [2]	390	476	589	721	845	1,023	803	777	824	1,077
Charter (supplemental) carriers [3]	470	591	851	929	1,367	1,010	1,000	968	949	962
Domestic travelers	1,397	2,348	1,969	2,859	3,524	3,102	2,159	109	71	112
International travelers [4]	2,465	3,888	3,776	4,531	5,514	5,207	4,341	3,220	3,273	3,702
Transatlantic	1,816	2,366	2,321	2,716	3,539	2,821	1,908	1,144	939	975
Latin America [5]	444	806	684	1,001	1,130	1,416	1,287	688	794	863

[1] The compilation of domestic, and consequently total passengers, no longer includes charter passengers within the contiguous *48 States. In 1979, such passengers were 2,049,000 of the domestic total of 2,159,000.* Beginning 1980, domestic travelers represent mainland to Hawaii and Alaska passengers only. [2] Covers charter service of *scheduled airlines.* See text, p. 631 for definition. [3] Covers charter service of charter airlines. Previously known as the U.S. Supplemental Airlines, with certificated *charter authority from the Civil Aeronautics Board,* charter airlines, as a result of the 1978 Deregulation Act, have authority to engage in both charter and scheduled services. [4] Includes other, not shown separately. [5] *Includes Caribbean.*

Source: National Air Carrier Association, Washington, D.C., *Annual Report.*

No. 1106. Aerospace—Sales, New Orders, and Backlog: 1970 to 1982

[Reported by establishments in which the principal business is the development and/or production of aerospace products]

ITEM	TOTAL (bil. dol.)						PERCENT U.S. GOVERNMENT					
	1970	1975	1979	1980	1981	1982, prel.	1970	1975	1979	1980	1981	1982, prel.
Net sales	24.8	29.5	46.2	58.4	69.9	74.0	66.3	58.6	50.3	45.7	47.2	56.0
Complete aircraft and parts [1]	10.4	11.3	19.1	22.6	25.1	24.3	54.8	46.9	33.4	29.6	32.7	46.5
Aircraft engines and parts	3.1	3.4	5.6	6.9	8.5	8.4	61.5	47.0	40.6	(NA)	(NA)	(NA)
Missiles and parts	5.4	6.3	7.2	8.4	9.7	11.8	96.9	93.7	47.0	(NA)	(NA)	(NA)
Other products, services	5.9	8.5	14.3	20.5	26.6	29.5	(X)	(X)	(X)	(X)	(X)	(X)
Net, new orders	21.2	29.0	65.2	70.4	72.9	80.4	71.4	64.1	43.1	47.6	53.7	60.4
Backlog, Dec. 31	24.7	35.0	78.3	90.5	92.6	99.1	52.1	63.2	46.2	41.1	46.7	50.9

NA Not available. X Not applicable. [1] Except engines sold separately.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MQ-37D.

No. 1107. Civil Aircraft Shipments: 1960 to 1981

[Represents manufacturers' shipments of non-military complete aircraft. Includes both domestic and export output]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Total	**8,181**	**12,646**	**8,190**	**15,117**	**15,196**	**16,446**	**18,159**	**18,882**	**17,924**	**13,130**	**11,067**
Transports	238	221	311	263	314	238	(NA)	(NA)	(NA)	(NA)	(NA)
General aviation	7,726	12,053	7,384	14,026	14,043	15,648	17,175	18,049	16,863	11,777	10,114
Single-engine: 1- to 3-place	1,366	3,545	1,981	3,346	3,047	3,175	3,986	4,881	3,293	8,175	6,825
4-place and over	5,072	6,478	4,048	8,124	8,460	9,854	10,372	9,501	9,751		
Multi-engine	1,288	2,030	1,352	2,556	2,536	2,619	2,817	3,667	3,839	3,602	3,289
Rotorcraft	217	372	496	828	839	560	984	833	1,041	1,353	953

NA Not available.

Source: Through 1977, U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation*, annual. Beginning 1978, U.S. Bureau of the Census, *Current Industrial Reports*, series M-37G.

No. 1108. Employment and Earnings in Aircraft Industries: 1960 to 1982

[Annual averages of monthly figures. Covers industries as defined by the 1972 Standard Industrial Classification Manual]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982
Employment, total	1,000	**624**	**620**	**664**	**607**	**621**	**713**	**763**	**769**	**733**
Aircraft	1,000	337	333	371	293	288	333	349	344	320
Aircraft engines and engine parts	1,000	(NA)	(NA)	(NA)	126	134	152	163	163	149
Guided missiles, space vehicles, and parts	1,000	(NA)	(NA)	(NA)	93	93	102	111	123	132
Aircraft equipment, n.e.c. [1]	1,000	(NA)	(NA)	(NA)	95	105	126	140	139	132
Average weekly earnings: Aircraft	**Dollars**	**110**	**131**	**169**	**256**	**324**	**360**	**404**	**444**	**485**
Aircraft engines and parts	Dollars	(NA)	(NA)	(NA)	247	325	361	394	422	454
Guided missiles, space vehicles, and parts	Dollars	(NA)	(NA)	(NA)	245	317	347	378	410	448
Average hourly earnings: Aircraft	**Dollars**	**2.71**	**3.15**	**4.17**	**6.21**	**7.70**	**8.50**	**9.66**	**10.74**	**11.85**
Aircraft engines and parts	Dollars	(NA)	(NA)	(NA)	6.04	7.80	8.53	9.42	10.41	11.16
Guided missiles, space vehicles, and parts	Dollars	(NA)	(NA)	(NA)	6.02	7.56	8.25	9.22	10.06	10.96

NA Not available. [1] N.e.c.=Not elsewhere classified.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 1109. Airborne Imports and Exports—Shipping Weight and Value: 1975 to 1982

[Weight in millions of pounds, value in millions of dollars. Exports are f.a.s. (free alongside ship) value all years; imports are f.a.s. value for 1975 and 1980 and customs value for 1982; see text, p. 816. Includes trade of Puerto Rico; beginning 1982, includes the U.S. Virgin Islands trade with foreign countries]

CONTINENT	IMPORTS						EXPORTS					
	Weight			Value			Weight			Value		
	1975	1980	1982	1975	1980	1982	1975	1980	1982	1975	1980	1982
All carriers [1]	**1,063**	**1,344**	**1,688**	**8,917**	**28,044**	**30,933**	**1,420**	**2,269**	**2,055**	**14,554**	**46,093**	**45,304**
North America	141	171	175	775	3,546	3,225	293	400	347	1,552	5,380	4,723
South America	118	140	215	412	1,166	1,301	196	362	359	1,225	3,284	3,389
Europe	413	526	687	4,266	11,459	12,981	592	963	760	7,432	24,194	20,599
Asia	377	483	577	3,026	9,682	12,169	246	416	456	3,445	10,419	13,174
U.S. carriers [1]	**456**	**516**	**598**	**3,860**	**8,988**	**9,864**	**480**	**743**	**609**	**5,481**	**15,013**	**13,186**
North America	51	55	65	329	1,002	1,277	110	157	149	711	3,239	2,289
South America	46	28	24	152	294	229	61	71	122	346	1,028	792
Europe	169	210	244	1,941	3,978	4,181	195	290	218	2,377	6,779	5,523
Asia	187	214	250	1,352	3,577	4,012	87	144	138	1,291	3,117	3,701

[1] Includes shipments of special category and shipments to other continents, not shown separately.

Source: U.S. Bureau of the Census, *United States Airborne Exports and General Imports*, FT 986, annual.

No. 1110. Exports of U.S. Aerospace Products: 1970 to 1982

Product	Number of units					Value (mil. dol.)				
	1970	1975	1980	1981	1982	1970	1975	1980	1981	1982
Total	(x)	(x)	(x)	(x)	(x)	3,191	7,456	15,397	13,202	10,876
Civilian:										
Complete aircraft	2,902	4,371	4,434	3,626	1,557	1,527	3,169	8,257	8,612	4,849
Transports	180	186	237	255	121	1,272	2,368	6,727	7,180	3,834
General aviation [1]	2,029	3,268	3,178	2,617	940	111	307	740	789	517
Helicopters	332	336	525	453	259	27	105	299	346	206
Other, incl. used	361	581	494	501	237	117	389	491	297	292
Engines	3,811	4,678	4,606	4,510	4,268	118	232	556	784	763
Turbines	649	876	1,393	1,749	1,743	99	187	514	739	721
Military:										
Complete aircraft	634	942	462	508	637	467	1,303	949	1,712	2,387
Transports	81	51	23	22	32	82	235	232	158	340
Helicopters	67	116	89	68	55	23	123	88	177	156
Fighters, bombers	217	469	90	113	154	331	902	449	1,006	1,473
Other [2]	269	306	260	305	396	31	43	180	371	418
Engines	611	873	364	504	645	33	92	63	83	140
Civilian and military:										
Parts [3]	(x)	(x)	(x)	(x)	(x)	1,027	2,610	5,232	1,477	1,635
Rockets, guided missiles	65,001	112,906	127,685	47,444	19,205	8	47	327	530	1,094
Missiles and rocket engines	39,615	7,400	7,042	6,147	22,482	11	3	13	4	8

X Not applicable. [1] Includes transports under 33,000 pounds. [2] Includes trainers, general aviation, and used aircraft. [3] Parts of engines, turbines, *airframes, rockets,* and missiles.

Source: U.S. Bureau of the Census, *United States Exports—Commodity by Country,* FT 446, annual.

No. 1111. U.S. Receipts and Payments for International Transportation: 1960 to 1982

[**In millions of dollars.** *Data are* international transportation transactions recorded for balance of payment purposes (see table 1451). Receipts include freight on exports carried by U.S.-operated carriers and foreign carrier expenditures in U.S. ports. Payments include freight on imports carried by foreign carriers and U.S. carrier port expenditures abroad. Freight on exports carried by foreign carriers is excluded since such payments are directly or indirectly for foreign account. Similarly, freight on U.S. imports carried by U.S. carriers is a domestic rather than an international transaction. Minus sign (−) indicates excess of payments over receipts. See *Historical Statistics, Colonial Times to 1970,* series U 3 and U 10, for totals]

Item	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Total receipts	1,782	2,446	3,669	6,879	8,456	9,739	12,127	14,229	15,583	15,416
Ocean transportation [1]	1,337	1,731	2,256	4,065	4,906	5,587	6,868	7,757	8,027	7,686
Export freight earnings	428	519	604	1,183	1,339	1,621	2,091	2,641	2,803	2,549
Freight earnings on shipments between foreign countries	136	153	209	328	395	412	460	588	561	555
Port expenditures	746	1,041	1,406	2,481	3,137	3,511	4,235	4,435	4,552	4,468
Charter hire	8	9	37	73	35	43	62	93	111	114
Air transportation	358	591	1,240	2,515	3,190	3,772	4,811	5,967	7,073	7,256
Export freight earnings	55	91	187	390	426	507	577	742	752	762
Passenger fares	156	262	541	1,039	1,366	1,603	2,156	2,582	2,991	2,979
Port expenditures	147	238	512	1,086	1,398	1,662	2,078	2,643	3,330	3,515
Other transportation	87	124	173	299	360	380	448	505	483	474
Total payments	1,915	2,668	4,058	7,971	10,720	12,019	14,090	16,397	16,866	16,410
Ocean transportation	1,333	1,803	2,380	4,465	6,275	7,175	8,379	8,447	8,805	8,195
Import freight payments	780	1,083	1,444	3,047	4,611	5,295	6,084	5,809	5,978	5,450
Passenger fares	212	207	245	278	261	252	258	268	287	290
Port expenditures	167	261	316	755	1,051	1,255	1,607	1,905	2,054	1,957
Charter hire	174	232	375	385	352	373	430	465	486	498
Air transportation	504	775	1,561	3,346	4,206	4,600	5,448	6,705	7,785	7,938
Import freight payments	22	40	115	246	362	448	506	562	671	725
Passenger fares	301	510	970	1,985	2,487	2,644	2,926	3,339	4,200	4,482
Port expenditures	181	225	496	1,115	1,357	1,508	2,016	2,804	2,914	2,731
Other transportation	78	90	97	160	239	244	263	245	276	277
Receipts balance	−133	−222	−389	−1,092	−2,264	−2,280	−1,963	−1,168	−1,283	−994

[1] *Through 1965, includes small* amount for passenger fares, not shown separately.

Source: U.S. Bureau of Economic Analysis, quarterly in *Survey of Current Business.*

No. 1112. Exports and Imports, by Method of Transport: 1960 to 1982

[Exports are free alongside ship (f.a.s.) value (see text p. 816) for all years; imports are f.a.s. value for 1975 and 1980 and customs value for 1960-1970, and 1982. Export data include both domestic and foreign; import data for general imports only. For details, see source]

ITEM	Unit	EXPORTS						IMPORTS					
		1960	1965	1970	1975	1980	1982	1960	1965	1970	1975	1980	1982
All methods [1]	Bil. dol.	20.6	27.5	43.2	107.6	220.7	212.3	14.7	21.4	40.0	96.9	240.8	244.0
Vessel	Bil. dol.	13.1	16.9	24.6	63.4	120.9	119.5	11.1	14.9	24.8	63.5	165.1	155.9
Air	Bil. dol.	(NA)	2.3	6.1	15.2	46.1	45.3	(NA)	1.3	3.4	8.9	28.0	30.9
Shipping weight: Vessel	Bil. lb	248.5	343.5	480.5	536.5	801.8	801.1	398.1	511.5	598.4	655.3	976.8	753.7
Air	Bil. lb	(NA)	.5	.9	1.4	2.3	2.1	(NA)	.2	.6	1.1	1.3	1.7

NA Not available. [1] Includes types other than vessel and air.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.

No. 1113. Waterborne Commerce—Cargo Tonnage: 1960 to 1981

[**In millions of short tons.** Includes Puerto Rico and outlying areas. Import and export figures differ slightly from those shown in tables 1119 and 1120 due to minor differences in basic concepts. See source for details. See also *Historical Statistics, Colonial Times to 1970*, series Q 530-541]

CLASS	1960	1965	1970	1974	1975	1977	1978	1979	1980	1981
Net total	**1,100**	**1,273**	**1,532**	**1,747**	**1,695**	**1,908**	**2,021**	**2,074**	**1,999**	**1,941**
Domestic commerce [1]	**761**	**829**	**951**	**983**	**946**	**973**	**1,075**	**1,080**	**1,077**	**1,054**
Coastwise, between ports	209	202	238	233	232	248	305	305	330	322
Great Lakes, between ports	155	154	157	146	129	109	143	144	115	115
Intra: Seaports, Great Lakes ports, and inland waterways ports	104	103	81	88	78	83	90	93	94	93
Ports and river ports [2]	292	371	474	515	507	532	538	539	539	524
Foreign commerce	**339**	**444**	**581**	**764**	**749**	**935**	**946**	**993**	**922**	**887**
Imports, through seaports	198	245	313	474	455	625	616	608	502	457
Imports, Great Lakes ports	13	25	26	23	21	33	27	25	16	20
Exports, through seaports	105	142	206	239	237	241	259	312	359	366
Exports, Great Lakes ports	23	32	36	28	35	36	44	49	45	43

[1] Includes traffic among ports of outlying areas. [2] Represents traffic mainly utilizing inland waterways.

No. 1114. Freight Carried on Inland Waterways, by System: 1960 to 1981

[**In billions of ton-miles.** Excludes Alaska and Hawaii, except as noted. Includes waterways, canals, and connecting channels]

SYSTEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
Total	**220.3**	**262.4**	**318.6**	**358.2**	**354.9**	**342.2**	**372.9**	**368.3**	**409.3**	**424.6**	**406.9**	**410.2**
Atlantic coast waterways	28.6	27.8	28.6	34.2	35.4	31.8	32.1	30.4	30.5	31.9	30.4	28.3
Gulf coast waterways	16.9	21.8	28.6	32.3	33.5	30.8	34.3	37.6	37.1	38.1	36.6	35.1
Pacific coast waterways [1]	6.0	6.6	8.4	10.5	10.3	9.7	11.3	12.8	13.6	14.1	14.9	14.4
Mississippi River system [2]	69.3	96.6	138.5	155.3	168.3	170.7	189.5	196.9	209.3	218.8	228.9	234.4
Great Lakes System [3]	99.5	109.6	114.5	125.9	107.5	99.2	105.6	90.7	118.9	121.7	96.0	98.0

[1] Beginning 1960, includes Alaskan waterways. [2] Comprises main channels and all tributaries of the Mississippi, Illinois, Missouri, and Ohio Rivers. [3] Does not include traffic between foreign ports.

Source of tables 1113 and 1114: U.S. Corps of Engineers, *Waterborne Commerce of the United States*, annual.

No. 1115. Federal Expenditures for Civil Functions of the Corps of Engineers, United States Army: 1960 to 1982

[**In millions of dollars.** 1960-1975, for fiscal years ending June 30; beginning 1977, for fiscal years ending Sept. 30. These expenditures represent the work of the Corps of Engineers to plan, design, construct, operate, and maintain civil works projects and activities, particularly in the management and improvement of rivers, harbors, and waterways for navigation, flood control, and multiple purposes. The amounts listed below do not include the expenditure of funds contributed, advanced, or reimbursed by other government agencies or local interests. Includes Puerto Rico and outlying areas]

FISCAL YEAR	Total program [1]	Navigation	Flood control	Multiple purpose	FISCAL YEAR	Total program [1]	Navigation	Flood control	Multiple purpose
1960	873	310	293	270	1977	2,340	792	918	594
1965	1,169	426	447	283	1978	2,645	951	1,069	583
1970	1,128	398	379	331	1979	2,934	1,083	1,218	577
1975	2,070	694	904	439	1980	3,061	1,225	1,228	551
1976 [2]	2,787	898	1,228	617	1981	3,198	1,339	1,273	527
					1982	2,940	1,331	1,083	453

[1] Includes expenditures which are not associated with a specific purpose (e.g., headquarters staff supervision, management, and administration activities, and some research and development activities). [2] Includes the transition quarter (July-September 1976).

Source: U.S. Corps of Engineers, *Report of Civil Works Expenditures by State and Fiscal Year*, annual.

No. 1116. Freight Carried on Mississippi River System: 1950 to 1981

[Net traffic. Comprises main channels and all tributaries of the Mississippi, Illinois, Missouri, and Ohio Rivers]

ITEM	Unit	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
Total	**Mil. sh. tons**	138	194	234	302	391	453	498	537	553	582	584	589
Inland	Mil. sh. tons	115	164	188	238	297	330	346	352	355	371	366	366
Coastwise	Mil. sh. tons	14	16	22	28	44	30	26	30	32	33	42	45
Foreign:													
Imports	Mil. sh. tons	4	6	11	13	17	46	67	96	99	106	91	80
Exports	Mil. sh. tons	5	8	13	23	34	48	60	60	67	73	86	98
Total	**Bil. ton-miles**	33.6	52.0	69.3	96.6	138.5	170.7	189.5	196.8	[1] 209.3	218.8	228.9	234.4
Inland	Bil. ton-miles	30.3	47.4	62.4	87.4	125.9	151.3	164.8	166.9	176.5	184.4	193.5	199.0
Coastwise	*Bil. ton-miles*	2.1	2.5	3.2	3.6	4.9	4.5	4.1	4.8	5.4	5.7	7.4	7.7
Foreign:													
Imports	Bil. ton-miles	.6	1.0	1.8	2.3	2.8	8.0	11.7	16.2	16.8	17.6	15.1	13.3
Exports	*Bil. ton-miles*	.6	1.1	1.9	3.3	4.9	6.9	8.8	8.8	10.1	11.1	13.0	14.4

[1] Total reflects adjustment not available by type of traffic.

Source: U.S. Corps of Engineers, *Waterborne Commerce of the United States,* annual.

No. 1117. U.S. Freight Carried on Great Lakes System: 1950 to 1981

[In billions of ton-miles]

ITEM	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Total	111.7	118.8	99.5	109.6	114.5	107.5	99.2	105.6	90.7	118.9	121.7	96.0	98.0
Domestic	100.1	104.9	80.6	76.7	80.1	79.7	69.2	71.3	53.0	76.8	78.5	62.3	62.7
Lakewise	99.6	104.1	79.7	75.9	79.4	78.9	68.5	70.7	52.4	76.3	78.0	61.7	62.1
Internal	.3	.6	.7	.7	.6	.6	.6	.5	.4	.4	.4	.5	.5
Local [1]	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Foreign	11.6	13.9	18.9	32.9	34.3	27.8	29.9	34.3	37.7	42.1	43.1	33.7	35.3
Canadian	11.4	13.4	13.8	23.5	23.8	19.4	20.7	23.7	23.1	23.1	26.9	23.6	25.8
Overseas	.2	.5	5.1	9.4	10.5	8.4	9.3	10.7	14.7	19.0	16.2	10.1	9.5

[1] Includes coastwise traffic.

Source: U.S. Corps of Engineers, *Waterborne Commerce of the United States,* annual.

No. 1118. Domestic and Foreign Waterborne Commerce, by Type of Commodity: 1970 to 1981

[**In millions of short tons.** Domestic trade includes all commercial movements between U.S. ports and on inland rivers, Great Lakes, canals, and connecting channels of U.S., Puerto Rico, and Virgin Islands. See also headnote, table 1113]

COMMODITY	1970		1975		1980		1981			
	Total	Domestic	Total	Domestic	Total	Domestic	Total	Domestic	Foreign	
									Imports	Exports
Net total	1,531.7	950.7	1,695.0	946.3	1,998.9	1,077.5	1,941.5	1,054.4	477.2	409.9
Petroleum products [1]	394.7	287.3	407.6	328.5	423.2	339.2	410.3	324.3	65.3	20.7
Gasoline	89.3	88.7	95.7	92.2	87.3	81.0	83.0	76.3	6.5	.3
Distillate fuel oil	78.8	76.9	93.4	87.0	74.6	72.1	71.2	64.8	6.1	.3
Residual fuel oil	170.5	78.8	172.1	111.5	188.0	141.3	187.8	141.3	40.8	5.7
Crude petroleum	210.5	116.3	333.8	77.9	480.2	174.2	432.2	170.9	261.2	-
Coal and lignite	225.4	154.1	219.0	152.8	256.4	164.1	284.6	171.5	.9	112.2
Nonmetallic minerals [1 2]	166.6	132.6	159.2	123.3	157.1	111.6	136.0	94.9	21.1	20.0
Sand and gravel [3]	78.4	73.9	72.4	67.9	65.1	60.8	53.6	49.4	3.0	1.2
Limestone	42.0	34.1	37.8	29.1	34.2	23.9	32.7	21.7	8.0	3.0
Phosphate rock	16.6	5.8	20.1	9.4	23.7	9.5	18.5	9.4	.2	9.9
Iron and concentrates	129.3	75.2	121.4	69.3	98.4	64.9	106.0	68.7	31.1	6.2
Farm products [1]	90.4	28.5	144.3	43.1	216.8	63.4	224.0	68.7	5.5	149.8
Corn	27.2	11.7	56.8	20.8	98.6	30.8	90.7	31.7	-	59.0
Wheat	25.0	5.8	44.4	10.4	53.4	14.3	66.2	18.2	-	48.0
Soybeans	21.2	8.3	23.2	9.4	39.6	16.1	39.2	15.4	-	23.8
Chemicals and allied products	62.0	39.7	66.5	40.0	91.9	49.4	86.9	47.5	10.5	28.9
Food and kindred products	35.0	11.0	35.5	13.3	54.8	20.4	54.4	18.6	12.3	23.5
Lumber and wood products [4]	49.9	27.3	48.2	24.7	52.0	22.7	42.5	18.7	3.9	19.9
Primary metal products	42.4	10.8	38.1	9.3	28.9	9.0	32.7	9.6	20.5	2.6
Waste and scrap	25.9	16.0	28.0	18.8	31.1	18.8	29.2	21.6	.5	7.1
Other	99.7	51.9	93.5	45.5	108.1	39.8	102.7	39.4	44.3	19.0

- *Represents zero.* [1] Includes categories not shown separately. [2] Excludes fuels. [3] Includes crushed rock.
[4] Excludes furniture.

Source: U.S. Corps of Engineers, *Waterborne Commerce of the United States,* annual.

No. 1119. Waterborne Imports and Exports—Cargo Tonnage, by Flag of Carrier Vessel: 1960 to 1982

[**In millions of short tons, except percent.** Excludes commodities classified for security reasons as "Special Category" (exports only) and exports by Dept. of Defense (grant-aid shipments), and merchandise shipped in transit through the U.S. See Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series Q 524-529]

ITEM	DRY CARGO							TANKER CARGO						
	1960	1965	1970	1975	1980	1981	1982	1960	1965	1970	1975	1980	1981	1982
Total trade	**202**	**274**	**358**	**387**	**497**	**485**	**443**	**120**	**153**	**181**	**311**	**392**	**385**	**334**
Percent by U.S. flag	15.2	9.3	6.4	5.5	4.8	5.2	4.7	7.5	5.9	4.2	5.2	2.6	4.2	4.8
Imports, total	95	123	138	137	134	137	112	104	132	161	291	354	326	264
U.S. flag	14	10	10	10	10	11	9	6	5	6	13	9	14	14
Foreign flag	81	113	128	127	124	126	103	98	127	156	278	345	312	250
Exports, total	108	151	220	250	362	347	331	16	21	20	21	39	60	70
U.S. flag	17	15	13	11	14	14	12	3	4	2	3	1	2	2
Foreign flag	91	135	207	238	348	333	319	13	17	18	16	38	58	68

Source: U.S. Bureau of the Census, through 1965, *Foreign Commerce and Navigation of the United States;* thereafter, *U.S. Waterborne Exports and General Imports,* FT 985, annual; and unpublished data.

No. 1120. Waterborne Imports and Exports—Cargo Tonnage and Value, by Coastal District: 1960 to 1982

[Exports are free alongside ship (f.a.s.) value for all years; imports are f.a.s. value for 1975-1981 and customs value for 1960-1970, and 1982, see text, p. 816. Includes commodities classified for security reasons as "Special Category" (exports only) and exports by Dept. of Defense (grant-aid shipments), and merchandise shipped in transit through the U.S. See Appendix III]

DISTRICT	CARGO TONNAGE (mil. sh. tons)							VALUE (bil. dol.)						
	1960	1965	1970	1975	1980	1981	1982	1960	1965	1970	1975	1980	1981	1982
Imports:														
Atlantic	135	164	219	232	183	195	172	7.8	9.7	15.0	34.7	71.5	78.7	70.9
Gulf	27	37	47	134	243	214	160	1.3	1.8	2.9	14.3	56.4	56.9	40.8
Pacific	23	27	31	64	56	48	38	1.6	2.4	5.5	15.2	45.0	51.3	46.2
Great Lakes	13	25	26	22	16	20	14	.5	1.0	1.3	1.7	1.9	2.5	2.0
Exports:														
Atlantic	45	55	79	80	117	116	119	7.0	8.4	11.9	28.7	51.0	53.4	50.2
Gulf	37	59	78	106	163	171	172	3.7	5.0	6.9	21.4	41.5	43.9	41.0
Pacific	19	26	48	49	78	78	74	1.8	2.4	4.1	10.0	25.2	27.1	25.5
Great Lakes	23	32	36	35	45	43	36	.7	1.2	1.4	2.8	4.6	4.1	3.2

Source: U.S. Bureau of the Census, through 1965, *Foreign Commerce and Navigation of the United States;* thereafter, *U.S. Waterborne Exports and General Imports,* FT 985, annual.

No. 1121. Containerized Cargo—Tonnage and Twenty-Foot Equivalent Units (TEU's), by Selected U.S. Ports: 1980 and 1981

[Based on reports filed for any vessel of 1,000 or more gross registered tonnage carrying 25 or more 8x8x20 foot TEU cargo container/trailer units]

PORT	LONG TONS (1,000)						TEU'S (1,000)					
	Total		Import		Export		Total		Import		Export	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
Total [1]	**34,492**	**37,335**	**12,862**	**16,726**	**21,630**	**20,609**	**3,686**	**3,884**	**1,505**	**1,834**	**2,181**	**2,050**
New York	7,021	7,737	3,434	4,563	3,587	3,174	750	805	381	480	369	325
Los Angeles	4,053	4,068	1,484	1,711	2,569	2,357	445	446	189	206	256	240
Long Beach	2,416	2,986	1,142	1,733	1,274	1,253	295	361	171	241	124	120
Oakland	3,084	3,226	638	964	2,446	2,262	342	353	83	119	259	234
Seattle	2,873	2,925	974	1,153	1,899	1,772	329	333	153	166	176	167
Baltimore	2,629	2,584	813	1,008	1,816	1,576	262	258	81	99	181	159
Norfolk	1,824	1,848	428	461	1,396	1,381	201	188	51	48	150	140
Houston	1,455	2,010	606	1,026	849	984	136	154	60	73	76	81
Charleston	1,205	1,303	309	426	896	877	118	134	29	44	89	90
Miami	1,289	1,228	398	339	891	889	132	126	38	35	94	91
San Francisco	906	1,017	226	249	680	768	90	103	24	27	66	76
Savannah	826	871	274	408	552	463	92	102	34	51	58	51
New Orleans	1,001	1,066	396	488	605	578	93	83	35	32	58	51
Philadelphia	760	763	444	510	316	253	69	72	36	44	33	28
San Juan	345	428	141	188	204	240	46	56	19	24	27	32
Portland	480	521	96	103	384	418	38	44	11	12	27	32

[1] Includes other ports, not shown separately.

Source: U.S. Maritime Administration, *Containerized Cargo Statistics,* annual.

No. 1122. Vessels Entered and Cleared in Foreign Trade—Net Registered Tonnage, by Flag of Carrier Vessel: 1961 to 1982

[*In millions of net tons, except as indicated.* Includes Puerto Rico and Virgin Islands. Seaports comprise all ports except Great Lakes ports. See also *Historical Statistics, Colonial Times to 1970,* series Q 507-517]

Yearly average or year	All ports					Seaports					
	Number of vessels	Tonnage, all vessels				Tonnage, all vessels			Tonnage, with cargo		
		Total	U.S.	Percent U.S.	Foreign	Total	U.S.	Foreign	Total	U.S.	Foreign
Entered:											
1961-1965	49,670	188	33	17.9	155	166	30	136	128	19	109
1966-1970	53,459	232	29	12.5	203	206	27	180	157	18	139
1971-1975	53,760	319	30	9.5	290	292	28	264	220	24	196
1976-1980	53,700	458	40	8.7	418	425	38	387	316	30	286
1970	53,293	254	26	10.3	228	227	24	202	171	19	152
1975	51,443	355	32	9.9	323	326	30	297	240	26	215
1979	53,288	499	45	9.0	454	462	42	420	343	33	310
1980	53,645	492	52	10.6	440	460	50	410	310	34	276
1981	52,768	470	56	11.9	414	439	54	385	294	39	255
1982	47,940	438	59	13.5	379	412	57	355	255	36	219
Cleared:											
1961-1965	48,098	189	34	17.9	155	168	30	137	96	20	76
1966-1970	52,415	232	30	12.8	202	205	27	179	122	23	99
1971-1975	53,039	324	31	9.9	293	296	29	267	149	21	127
1976-1980	52,931	453	41	9.1	412	420	38	382	203	26	177
1970	52,195	253	27	10.6	226	226	25	201	132	20	112
1975	51,017	363	34	10.3	329	334	31	303	168	23	144
1979	52,642	497	48	9.7	449	459	44	415	223	28	195
1980	52,928	487	54	11.1	433	456	51	405	246	33	213
1981	52,637	477	56	11.7	420	446	54	392	251	33	218
1982	48,409	448	60	13.4	388	421	58	363	257	35	222

Source: U.S. Bureau of the Census, through 1965, *Foreign Commerce and Navigation of the United States;* thereafter, *Vessel Entrances and Clearances,* FT 975, annual.

No. 1123. Vessels Entered and Cleared in Foreign Trade—Net Registered Tonnage, by Customs Districts: 1970 to 1982

[*In millions of net tons.* Excludes domestic trade. Virgin Islands and Puerto Rico included in South Atlantic Coast, Hawaii in South Pacific Coast, Alaska in North Pacific Coast]

Customs district	Vessels entered						Vessels cleared					
	1970	1975	1979	1980	1981	1982	1970	1975	1979	1980	1981	1982
North Atlantic Coast	102.1	114.2	118.2	118.6	113.4	109.9	99.9	116.6	119.9	115.2	111.4	104.5
With cargo	85.4	92.3	95.2	82.1	83.0	75.5	43.7	50.6	50.7	57.8	54.5	54.5
South Atlantic Coast	36.1	48.0	66.6	65.3	65.0	59.9	31.3	46.0	62.2	60.1	61.4	57.0
With cargo	27.1	33.8	45.6	41.9	40.1	37.3	11.9	14.3	21.6	22.4	24.8	24.6
Gulf Coast	36.1	89.1	162.1	172.7	162.3	145.2	42.6	96.1	179.0	175.0	169.2	148.6
With cargo	23.0	60.8	141.7	122.8	113.3	99.9	36.8	54.2	78.3	85.0	88.9	83.9
South Pacific Coast	27.5	38.4	47.6	53.3	53.4	55.5	27.7	41.2	44.7	45.1	46.9	55.5
With cargo	21.8	32.4	36.5	36.0	34.2	33.6	20.9	24.0	30.2	31.7	38.7	47.1
North Pacific Coast	24.9	36.8	47.8	50.6	44.8	41.5	24.3	33.8	53.6	60.3	54.4	55.9
With cargo	13.6	21.1	24.4	26.6	23.4	18.9	19.0	24.5	42.1	49.0	44.3	47.5
Great Lakes	27.5	28.8	36.3	31.1	31.0	26.0	27.2	29.4	36.9	31.5	31.4	26.2
With cargo	15.2	14.0	17.1	11.3	13.5	9.6	20.2	21.2	26.8	23.7	23.4	20.7

Source: U.S. Bureau of the Census, 1965, *Foreign Commerce and Navigation of the United States;* thereafter, *Vessel Entrances and Clearances,* FT 975, annual.

No. 1124. Domestic Merchant Vessels Completed by U.S. Shipyards: 1960 to 1982

[**Vessels of 1,000 gross tons and over.** See also *Historical Statistics, Colonial Times to 1970,* series Q 436-448]

Item	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Merchant vessels	Number	26	13	13	15	16	17	14	15	10	12	11
Gross tons	1,000	410	173	342	452	615	884	912	1,149	375	275	337
Cargo	Number	15	11	6	3	4	2	2	4	6	2	6
Gross tons	1,000	134	121	120	65	57	25	27	53	105	53	221
Deadweight tons	1,000	163	154	134	71	76	37	30	47	114	73	219
Tankers	Number	11	2	7	12	12	15	12	11	4	10	5
Gross tons	1,000	276	52	222	387	558	859	885	1,096	270	222	116
Deadweight tons	1,000	456	92	427	742	1,176	1,585	1,392	1,901	354	358	226

Source: 1960, American Bureau of Shipping, New York, N.Y., annually in *The Bulletin;* thereafter, U.S. Maritime Administration, *New Ship Construction,* annual.

No. 1125. United States Flag Merchant Vessels, Steam and Motor: 1970 to 1982

[**Deadweight tonnage in thousands.** As of **June 30** except, beginning **1979**, as of **Sept. 30.** Covers oceangoing vessels of 1,000 gross tons and over engaged in foreign and domestic trade, and inactive vessels. Excludes special types such as tugs, barges, cable ships, fishing trawlers, and vessels employed on Great Lakes. See also *Historical Statistics, Colonial Times to 1970*, series Q 487–502]

ITEM	CARGO [1]						TANKER					
	1970	1975	1979	1980	1981	1982	1970	1975	1979	1980	1981	1982
Number of vessels	1,479	612	566	553	550	524	301	279	305	310	313	304
Active:												
Foreign trade	354	228	204	195	184	171	32	39	72	32	32	26
Domestic trade [2]	70	49	40	46	40	42	175	156	166	211	195	182
Coastwise	10	17	8	12	11	7	132	136	114	103	87	77
Noncontiguous	43	29	31	34	27	32	35	12	40	45	44	39
Special service	146	34	45	44	49	37	42	26	23	23	39	38
Inactive:												
Temporarily	41	38	36	31	39	46	22	31	22	24	32	47
Reserve fleet	868	263	241	237	238	228	30	27	20	20	15	11
Tons carried	15,445	8,175	7,844	7,872	7,919	7,597	7,835	9,433	15,153	16,107	16,558	16,511
Active:												
Foreign trade	4,699	3,901	3,886	3,826	3,530	3,426	1,076	2,303	6,223	2,793	1,611	1,715
Domestic trade [2]	850	832	597	713	667	651	4,518	4,855	7,032	10,546	10,284	10,657
Coastwise	116	354	120	200	216	91	3,483	4,299	3,353	3,078	2,668	2,285
Noncontiguous	482	424	468	479	424	496	870	339	3,239	3,699	3,807	3,572
Special service	1,741	459	565	560	793	520	1,189	755	645	661	1,676	1,454
Inactive:												
Temporarily	472	541	499	451	555	660	691	1,173	952	1,806	2,748	2,492
Reserve fleet	7,684	2,442	2,297	2,322	2,374	2,340	361	347	301	301	239	193

[1] Includes combination passenger and cargo vessels, not shown separately. [2] Includes intercoastal, not shown separately.

Source: U.S. Maritime Administration, *Employment Report of the United States Flag Merchant Fleet Ocean-going Vessels 1,000 Gross Tons and Over*, annual.

No. 1126. Shipbuilding in Private Shipyards—Summary: 1970 to 1982

[**Steel self-propelled vessels of 1,000 tons or over.** See also *Historical Statistics, Colonial Times to 1970*, series Q 449–458]

TYPE OF VESSEL AND STATUS OF CONSTRUCTION	NUMBER						TONS (1,000)					
	1970	1975	1979	1980	1981	1982	1970	1975	1979	1980	1981	1982
Commercial (gross tons):												
Under construction [1]	49	96	70	69	49	35	1,388	5,064	2,635	1,816	937	730
Contracted for	13	14	21	7	9	3	580	599	487	116	154	12
Launched	11	16	20	23	21	16	322	759	720	442	334	321
Delivered	13	19	21	23	22	17	370	469	1,298	788	347	326
Cancelled	(NA)	12	1	4	–	–	(NA)	545	8	207	–	–
Naval (light displacement tons):												
Under construction [1]	108	63	102	99	91	93	621	663	677	630	628	573
Contracted for	6	16	13	11	28	30	132	106	61	101	97	324
Launched	23	8	25	22	16	20	117	110	142	183	73	100
Delivered	32	3	16	19	26	18	166	79	108	102	152	167

– Represents zero. NA Not available. [1] As of Jan. 4.

Source: Shipbuilders Council of America, Washington, D.C., *Annual Report*, and unpublished data.

No. 1127. Vessels Repaired or Converted, and Unfinished Shipbuilding, in Private Shipyards: 1960 to 1983

[**In millions of dollars.** For calendar years, except as indicated. Covers both shipbuilding and ship repair yards. See also *Historical Statistics, Colonial Times to 1970*, series Q 467–472]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Vessels repaired or converted, total	396	718	790	1,246	1,242	1,359	1,507	1,719	1,967	2,469	2,822	2,819	(NA)
Commercial ships [1]	274	383	431	713	688	715	789	808	998	1,335	1,526	1,498	(NA)
Naval ships	122	335	359	533	554	644	718	911	969	1,134	1,296	1,321	(NA)
Unfinished shipbuilding work, total [2]	1,466	2,247	2,484	7,373	9,774	9,900	9,802	9,628	11,309	11,145	10,350	11,940	20,702
Commercial ships	492	519	765	3,770	4,350	3,400	3,000	2,120	1,940	2,070	1,000	838	372
Naval ships	974	1,728	1,719	3,603	5,424	6,500	6,802	7,508	9,369	9,075	9,350	11,102	20,330

NA Not available. [1] Includes Military Sealift Command work. [2] Approximate value as of January 1.

Source: Shipbuilders Council of America, Washington, D.C., *Annual Report*, and unpublished data.

No. 1128. Employees in Government and Private Shipyards: 1960 to 1982

[**In thousands.** Annual average employment in establishments primarily engaged in building and repairing all types of ships, barges, canal boats, and lighters of 5 gross tons and over, whether propelled by sail or motor power or towed by other craft. Includes all full- and part-time employees]

YEAR	Total	Private yards	Navy yards	YEAR	Total	Private yards	Navy yards	YEAR	Total	Private yards	Navy yards
1960	208	112	96	1974	225	161	64	1979	244	173	71
1965	213	129	84	1975	217	154	65	1980	251	178	73
1970	216	134	83	1976	233	168	65	1981	264	187	77
1972	216	146	70	1977	242	174	68	1982	254	174	80
1973	214	149	65	1978	243	172	71				

Source: U.S. Bureau of Labor Statistics, *unpublished data.* (Current data for private yards published monthly in *Employment and Earnings.*)

No. 1129. Employment on U.S. Flag Merchant Vessels, 1960 to 1982, and Basic Monthly (January) Wage Scale for Ablebodied Seamen, 1970 to 1983

[**Employment in thousands.** See also *Historical Statistics, Colonial Times to 1970,* series Q 414-416]

YEAR	Employment [1]	YEAR	Employment [1]	YEAR	East coast wage rate [3]	West coast wage rate [3]	YEAR	East coast wage rate [3]	West coast wage rate [3]
1960	49.2	1978	19.9	1970	$470	$662	1979	$865	$1,287
1965	[2]39.1	1979	18.7	1975	612	900	1980	967	1,414
1970	37.6	1980	19.6	1976	688	1,001	1981	1,120	1,535
1975	20.5	1981	18.3	1977	737	1,072	1982	1,204	1,686
1977	20.9	1982	16.7	1978	804	1,172	1983	1,320	1,862

[1] As of June 30, except beginning 1978, as of Sept. 30. Estimates of personnel employed on merchant ships, 1,000 gross tons and over. Excludes vessels on inland waterways, Great Lakes, and those owned by, or operated for, U.S. Army and Navy, and special types such as cable ships, tugs, etc. [2] Decrease due to seafaring strike. [3] Basic monthly wage, over and above subsistence (board and room); excludes overtime and fringe pay benefits. West coast incorporates extra pay for Saturdays and Sundays at sea into base wages but east coast does not.

Source: U.S. Maritime Administration, 1960 and 1965, *Seafaring Wage Rates;* thereafter, unpublished data.

No. 1130. Worldwide Tanker Casualties: 1973 to 1983

[Covers tankers, ore/oil carriers, and bulk/oil vessels of 6,000 deadweight tons and over; excludes liquid gas carriers. Incident is counted in the year it is reported. Based on data from "Lloyd's List" published by Lloyd's of London. "Casualties" include weather damage, strandings, collisions and other contact, fires and explosions, machinery damage, and other mishaps]

ITEM	Unit	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983 [1]
Total losses	Number	12	14	22	20	20	17	26	15	21	21	5
Deaths	Number	70	94	90	226	113	148	306	132	73	72	-
Oil spills	Number	36	48	45	29	49	35	65	32	33	9	5
Amount	1,000 tons	84.5	67.1	188.0	204.2	213.1	260.5	723.5	135.6	45.3	1.8	55.3

- Represents zero. NA Not available. [1] Jan.-Mar.

Source: Tanker Advisory Center, Inc., New York, N.Y., "Worldwide Tanker Casualty Returns," quarterly.

No. 1131. Merchant Vessels—World and United States: 1960 to 1982

[***Vessels of 100 gross tons and over.*** Excludes sailing ships, nonpropelled craft, and all ships built of wood. See also *Historical Statistics, Colonial Times to 1970,* series Q 473-480]

YEAR	WORLD: COMPLETED		WORLD: OWNED		U.S.: COMPLETED		U.S.: OWNED	
	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)
1960	2,005	8,382	36,311	129,770	49	379	4,059	24,837
1965	2,202	11,763	41,865	160,392	116	218	3,416	21,527
1970	2,614	20,980	52,444	227,490	156	375	2,983	18,463
1975	2,730	34,203	63,724	342,162	127	476	4,346	14,567
1979	2,466	14,289	71,129	413,021	182	1,352	5,088	17,542
1980	2,412	13,101	73,882	419,911	205	555	5,579	18,464
1981	2,269	16,932	73,864	420,835	223	360	5,869	18,908
1982	2,312	16,820	75,151	624,742	204	216	6,133	19,111

Source: Lloyd's Register of Shipping, London, England, *Statistical Tables,* annual; and *Annual Summary of Merchant Ships Completed in the World.*

No. 1132. Merchant Vessels—Ships and Tonnage Lost Worldwide, by Type of Ship: 1978 to 1981

[For merchant vessels of 100 gross tons or more. Excludes ships which have been declared constructive losses but have undergone repair during the year. Loss counted in the year the casualty is declared, as opposed to the year it is reported]

Type of ship	Ships lost					Gross tonnage lost (1,000)				
	1978	1979	1980	1981		1978	1979	1980	1981	
				Total	Percent of total				Total	Percent of total
Total [1]	**473**	**465**	**387**	**359**	**100.0**	**1,711**	**2,210**	**1,804**	**1,238**	**100.0**
Tankers	28	29	24	22	6.1	703	939	707	293	23.7
Ore/bulk carriers [2]	13	17	21	16	4.5	186	374	458	307	24.8
General cargo	286	273	211	218	60.7	756	785	478	534	43.2
Passenger [3]	2	5	9	2	.6	3	46	112	16	1.3
Fishing	99	110	96	65	18.1	27	35	30	19	1.6

[1] Includes types not shown separately. [2] Includes ore/bulk/oil carriers. [3] Includes cargo-passenger ships.

Source: Lloyd's Register of Shipping, London, England, *Casualty Return*, annual.

No. 1133. Merchant Fleets of the World: 1970 to 1981

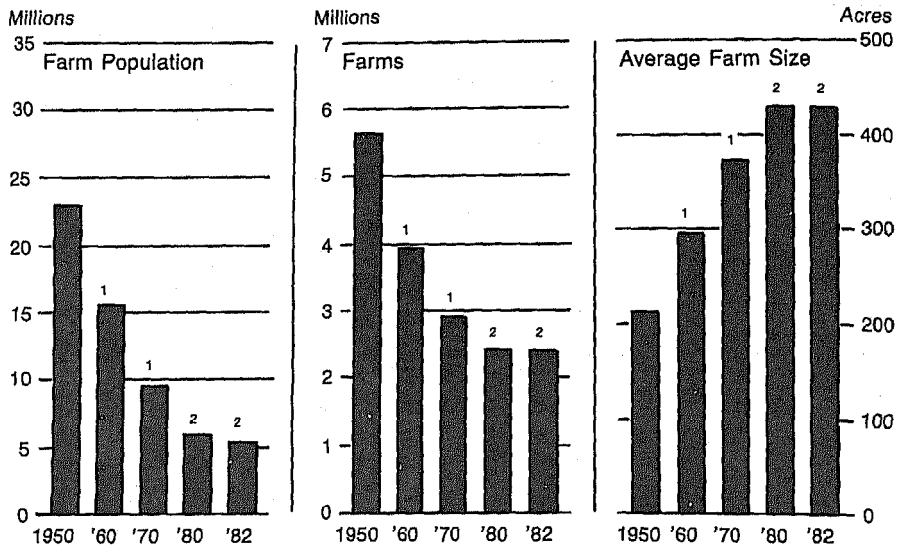
[**Vessels of 1,000 gross tons and over. 1970-1979 as of Dec. 31. Beginning 1980, as of Jan. 1** of the following year. Specified countries have 100 or more ships]

Year and country of registry, 1981	Total		Passenger/ cargo comb.		Freighters		Bulk carriers [1]		Tankers	
	Number	Avg. age (yr.)	Number	Avg. age (yr.)	Number	Avg. age (yr.)	Number	Avg. age (yr.)	Number	Avg. age (yr.)
1970, world total	**19,980**	**13**	**895**	**21**	**11,899**	**13**	**2,954**	**8**	**4,232**	**11**
United States	1,579	22	171	25	1,076	23	38	25	294	19
Foreign	18,401	12	724	20	10,823	13	2,916	8	3,938	10
1975, world total	**22,872**	**12**	**714**	**21**	**12,575**	**13**	**4,272**	**9**	**5,311**	**11**
United States	857	21	60	29	511	21	19	25	267	19
Foreign	22,015	12	654	21	12,064	13	4,253	9	5,044	11
1979, world total	**24,797**	**12**	**495**	**23**	**14,328**	**13**	**4,714**	**9**	**5,260**	**12**
United States	865	22	68	33	469	23	21	22	307	19
Foreign	23,932	12	427	22	13,859	13	4,693	9	4,953	11
1980, world total	**24,867**	**13**	**468**	**24**	**14,242**	**14**	**4,798**	**10**	**5,359**	**12**
United States	864	23	65	34	471	23	20	22	308	20
Foreign	24,003	13	403	22	13,771	13	4,778	10	5,051	11
1981, world total	**25,110**	**13**	**405**	**25**	**14,201**	**14**	**4,987**	**10**	**5,517**	**12**
United States	853	23	63	35	457	24	19	21	314	20
Privately owned	574	17	7	23	252	16	19	21	296	18
Government-owned	279	34	56	36	205	33	–	–	18	38
Foreign	**24,257**	**12**	**342**	**23**	**13,744**	**13**	**4,968**	**10**	**5,203**	**11**
Argentina	189	18	1	30	105	16	20	16	63	23
Brazil	325	13	3	35	192	15	63	4	67	13
British Colonies	228	12	2	19	128	13	77	9	21	16
Bulgaria	107	12	2	12	48	14	40	9	17	13
Canada	101	19	5	27	35	17	13	22	48	19
China: Mainland	750	15	8	24	529	16	115	12	98	15
Taiwan	162	13	3	15	111	13	35	10	13	13
Cyprus	374	20	4	36	315	21	31	18	24	11
Denmark	253	7	4	19	152	6	27	6	70	8
Egypt	101	17	12	29	73	13	3	17	13	27
Finland	163	10	4	7	78	11	43	7	38	12
France	317	9	2	19	161	8	45	8	109	10
Germany Dem. Rep.	162	11	2	27	133	10	20	16	7	12
Germany, Fed. Rep. of	440	7	3	12	314	7	44	8	79	6
Greece	2,893	16	45	30	1,449	18	955	12	444	17
India	378	13	7	16	231	14	105	11	35	9
Indonesia	287	17	9	21	214	18	14	11	50	13
Italy	606	16	14	27	229	16	134	14	229	16
Japan	1,770	7	8	8	707	8	504	8	551	6
Korea, Rep. of	449	11	–	–	250	13	134	9	65	11
Liberia	2,220	10	7	26	509	10	859	9	845	10
Netherlands	445	8	3	23	351	7	25	7	66	12
Norway	600	7	20	16	173	7	150	7	257	7
Panama	2,725	15	30	27	1,849	16	505	12	341	13
Philippines	276	16	15	19	176	16	43	10	42	20
Poland	315	11	4	17	217	12	81	9	13	6
Romania	211	7	1	43	156	7	44	7	10	8
Saudi Arabia	149	19	2	24	82	22	7	19	58	14
Singapore	592	14	8	21	400	16	77	10	107	11
Soviet Union	2,449	13	49	21	1,785	13	163	9	452	14
Spain	510	9	1	52	317	8	71	7	121	11
Sweden	221	7	1	14	126	7	22	7	72	8
Turkey	190	13	10	32	121	12	28	10	31	12
United Kingdom	927	9	10	17	375	9	198	9	344	10
Yugoslavia	257	15	6	18	188	16	51	10	12	15
All others	2,115	13	37	21	1,465	14	222	9	391	11

– Represents zero. [1] Includes bulk/oil, ore/oil, and ore/bulk/oil carriers.

Source: U.S. Maritime Administration, *A Statistical Analysis of the World's Merchant Fleets*, annual.

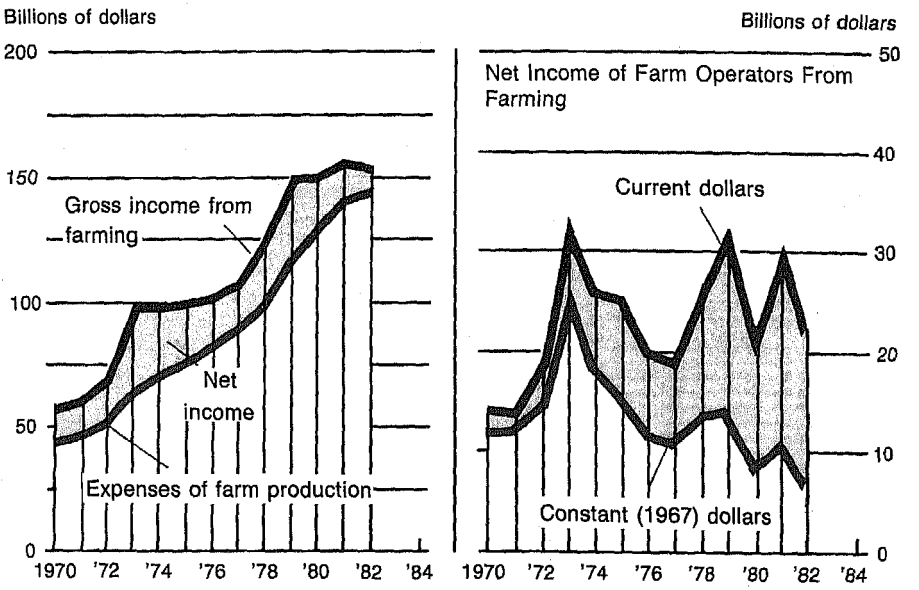
Figure 24.1
Changes in Farming: 1950 to 1982



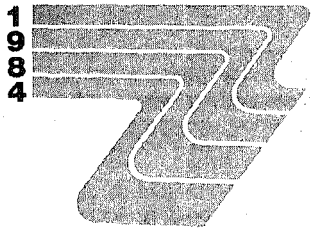
[1] 1969 definition. [2] 1974 definition.

Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1134 and 1141.

Figure 24.2
Farm Income and Expenses: 1970 to 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1162.



Section 24

Agriculture

This section presents statistics on farms and farm population; land use and irrigation; farm cooperatives; farm income, expenditures, and debt; farm output, productivity, and marketings; foreign trade in agricultural products; specific crops; and livestock, poultry, and their products.

The principal sources of these data are the reports issued by the U.S. Bureau of the Census and by the Statistical Reporting Service (SRS) and the Economic Research Service (ERS) of the U.S. Department of Agriculture. The Bureau of the Census has taken a census of agriculture every 10 years from 1840 to 1920 and roughly every 5 years from 1925 to 1978. The 1978 Census of Agriculture is the most recent census for which reports are presently available. The Department of Agriculture publishes annually *Agricultural Statistics,* a general reference book on agricultural production, supplies, consumption, facilities, costs, and returns. The Economic Research Service publishes a series of annual reports, *Economic Indicators of the Farm Sector.* This series comprises five reports: *Income and Balance Sheet Statistics, State Income and Balance Sheet Statistics, Production and Efficiency Statistics, Costs of Production,* and *Farm Sector Review.* Situation reports issued periodically by the ERS present current data on a variety of crops. Sources of current data on agricultural exports and imports include *Foreign Agricultural Trade of the United States,* published by the ERS, and the reports of the Bureau of the Census, particularly *U.S. General Imports, Schedule A, Commodity by Country,* and *U.S. Exports, Schedule B, Commodity by Country.*

Agricultural statistics have been issued by the Department of Agriculture for over 100 years. The 44 field offices of the SRS collect data on crops, livestock products, agricultural prices, farm employment, and other related subjects mainly through sample surveys. Information is obtained on some 75 crops and 50 livestock items as well as scores of items pertaining to agricultural production and marketing. State estimates and supporting information are sent to the Crop Reporting Board of SRS which reviews the estimates and issues reports containing State and national data. Among these reports are two annual summaries, *Crop Production* and *Crop Values.*

Farms and farmland.—Over time, the Bureau of the Census has used varying definitions of a farm. Data shown from the census of agriculture reflect the changes in definition since figures are presented for "farms" as defined during the years indicated. For the Census of Agriculture for 1974 and 1978, a farm was defined to include all land on which agricultural operations were conducted under the day-to-day control of an individual management and from which $1,000 or more of agricultural products were, or potentially could be, sold during the census year. Control may have been exercised through ownership or management, or through a lease, rental, or cropping arrangement. Volume I census reports for 1974 and 1978 provide a detailed explanation of the new definition along with measures of the effect of the change for each State and county. The effect of the change in definition must be considered when comparing coverage estimates for all farms in the 1974 and 1978 censuses with those in previous censuses. In the 1969 census, as well as the 1959 and 1964 censuses, places of less than 10 acres were counted as farms if estimated sales of agricultural products for the year amounted to at least $250, and places of 10 or more acres if such sales amounted to at least $50. In the 1950 and 1954 censuses, places of 3 or more acres were counted as farms if the annual value of agricultural products, exclusive of homegarden products, amounted to $150 or more; places of less than 3 acres were counted as farms only if the annual sales amounted to $150 or more. For definitions used in earlier censuses, see *U.S. Census of Agriculture: 1974,* vol. II, Part I, General Information.

Unless otherwise stated in the specific tables of this section, the definition of a farm applicable to data originated by the Department of Agriculture is the one used by the Bureau of the Census for the agriculture census immediately preceding the year or years for which the data are shown.

Currently included as farms are such diverse enterprises as nurseries, greenhouses, sod farms, mushroom operations, cranberry bogs, feedlots, fish farms, and hatcheries; excluded are business enterprises exclusively engaged in forest production and in production of fish, oysters, fowl, etc., from the ocean, game preserves, parks, and the like, when not grown in captivity. In the case of landowners who had one or more tenants, or renters, the land operated by each was counted as a separate farm.

Farmland refers to all land under the control of a farm operator and considered as part of his farm, including land not actually under cultivation or not used for pasture or grazing. Rent-free land was included as part of the farm only if the operator had sole use of it. Land used for pasture or grazing on a per head basis that was neither owned nor leased by the farm operator is not included except for grazing lands controlled by grazing associations leased on a per acre basis.

State totals for 1978 are not directly comparable with totals for 1974 or earlier censuses because of changes in the procedures of collecting data. For details, see 1978 census reports. Coverage estimates for 1978 indicate about 3.4 percent of all farms were not included in census totals. Coverage evaluation studies for the 1974 census indicated that 10.7 percent of all farms were not included in the census. Farms missed in the census were usually small and accounted for less than 2 percent of the total value of agricultural products sold and less than 2 percent of the land in farms. For more explanation about data comparability, see Appendixes A and C, *Census of Agriculture: 1978,* volume I reports.

Farm population.—Farm population consists of all persons living on farms in rural areas. Data prior to 1960 are based on self-identification by respondents as to whether they live on a farm, and are not based on any criterion for the definition of a farm. Except as noted, farm population data shown for 1960 to 1977 are based on the definition of a farm used for the 1969 Census of Agriculture. Farm population data for 1978 to 1982 are shown on the bases of both the 1969 and 1974 census farm definitions and are so indicated.

Irrigation.—Irrigated land is defined by the Bureau of the Census as the acreage in farms to which water is artificially applied during the census year. In addition to collecting information on irrigation from individual farms in the census of agriculture, the Bureau of the Census collects data on the operation of irrigation water supply organizations at 10-year intervals. In 1978, irrigation information was collected from both individual farms and irrigation organizations.

Farm income.—Gross farm income comprises cash receipts from farm marketings of crops and livestock, Federal government payments made directly to farmers for farm-related activities, rental value of farm homes, value of farm products consumed in farm homes and other farm-related income such as machine hire and custom work. Farm marketings represent agricultural products sold by farmers multiplied by prices received per unit of production at the local market.

Information on prices received for farm products is generally obtained by the SRS Crop Reporting Board from surveys of firms (such as grain elevators, packers, and processors) purchasing agricultural commodities direct from producers. In some cases, the price information is obtained directly from the producers. Season average prices received by farmers are calculated by weighting monthly prices by monthly sales during the crop marketing season, beginning with the first month in which a particular crop harvest begins.

Crops.—Estimates of crop acreage and production by the SRS are based on current sample survey data obtained from individual reporters and objective yield counts, reports of carlot shipments, market records, personal field observations by field statisticians, and reports from other sources. Cotton acreage and production are based on sample survey data and on ginning information gathered by the Bureau of the Census.

Price supports.—Under law, farm income from many commodities is supported through two basic Government-supported mechanisms available to producers of eligible commodities: (1) *a market price support* (loan rate) through which producers may place any portion of their production in approved storage and receive a loan at a specified rate. The farmer may repay the loan with interest and retain the commodity or, at the end of the loan period (currently nine months), forfeit the commodity as full payment of the loan; (2) *a farm income support* (target price) whose payments vary inversely with the market price of the specified commodity. "Deficiency payments" are made when market prices for a specified period are below the target prices. The payment rate is the difference between the target price and market price, or between the target price and loan rate, whichever is smaller.

Livestock.—Annual inventory numbers of livestock and estimates of livestock, dairy, and poultry production prepared by the Department of Agriculture are based on information from farmers and ranchers obtained by probability survey sampling methods. Volume II of *U.S. Census of Agriculture: 1974* gives a complete history of the enumeration of livestock and analyzes comparability from census to census. Comparability of livestock inventories over time is seriously affected by changes in date of enumeration.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to Census Bureau and Department of Agriculture data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 1134. Farm Population, 1930 to 1982 and Farm Employment by Type, 1930 to 1983

[**In thousands, except percent.** For definition of farm population, see text, p 648. See also *Historical Statistics, Colonial Times to 1970*, series C 76 and K 1-2 and K 174-176]

Year	Farm population [1]		Year	Farm population [1]		Year	Farm employment [3]		
	Total	Percent of total population [2]		Total	Percent of total population [2]		Total	Family members [4]	Hired workers [5]
1930	30,529	24.9	1969 definition—Con.			1930	12,497	9,307	3,190
1935	32,161	25.3				1935	12,733	9,855	2,878
1940	30,547	23.2	1970	9,712	4.8	1940	10,979	8,300	2,679
1945	24,420	17.5	1971	9,425	4.6	1945	10,000	7,881	2,119
1950	23,048	15.3	1972	9,610	4.6	1950	9,926	7,597	2,329
			1973	9,472	4.5				
1955	19,078	11.6	1974	9,264	4.4	1955	8,381	6,345	2,036
1956	18,712	11.2	1975	8,864	4.2	1960	7,057	5,172	1,885
1957	17,656	10.4				1965	5,610	4,128	1,482
1958	17,128	9.9	1976	8,253	3.8	1970	4,523	3,348	1,175
1959	16,592	9.4	1977	7,806	3.6				
			1978	8,005	3.7	1971	4,436	3,275	1,161
1969 definition			1979	7,553	3.4	1972	4,373	3,228	1,146
			1980	7,241	3.3	1973	4,337	3,169	1,168
1960	15,635	8.7	1981	6,942	3.1	1974	4,389	3,075	1,314
1961	14,803	8.1	1982	6,870	3.0				
1962	14,313	7.7				1975	4,342	3,025	1,317
1963	13,367	7.1	1974 definition			1976	4,374	2,997	1,377
1964	12,954	6.8				1977	4,170	2,863	1,307
			1978	6,501	3.0	1978	3,957	2,689	1,268
1965	12,363	6.4	1979	6,241	2.8				
1966	11,595	5.9	1980	6,051	2.7	1979	3,774	2,501	1,273
1967	10,875	5.5	1981	5,790	2.6	1980	3,705	2,402	1,303
1968	10,454	5.3	1982	5,620	2.4	1981	3,330	2,236	1,094
1969	10,307	5.1				1982	4,108	2,567	1,541
						1983	3,773	2,250	1,524

[1] As of April 1 except, beginning 1960, April-centered annual averages. Prior to 1959, excludes Alaska, and 1960, Hawaii. [2] Includes Armed Forces abroad. [3] Prior to 1974, averages of monthly estimates of employed during last full calendar week ending at least one day before end of month; 1974-1980 annual quarterly averages; 1981, average based on employment data from Jan. and April quarterly surveys; 1982, based on July survey. [4] Includes farm operators doing 1 or more hours of farm work and unpaid family members doing 15 or more hours of farm work during survey week. [5] Includes all persons doing 1 or more hours of farm work for pay during survey week. Members of operators' families doing any farm work for cash wages are counted as hired workers.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Farm Population, Estimates for 1910-70; Farm Population Estimates*, annual and *Farm Labor*, quarterly through April 1981 and annual beginning July 1982. Population data also published by U.S. Bureau of the Census in *Current Population Reports*, series P-27, No. 56, and earlier reports.

No. 1135. Farm Population, by Characteristics: 1960 to 1982

[**1960,** as of **April**; beginning **1970 April-centered** annual averages. For definition of farm population, see text, p. 648]

Characteristic	Farm population (1,000)							Percent distribution			
	1969 definition			1974 definition				1969 definition		1974 definition	
	1960	1970	1980	1980	1982			1960	1970	1980	1982
					Total	Male	Female				
Total	**15,669**	**9,712**	**7,241**	**6,051**	**5,620**	**2,919**	**2,701**	**100.0**	**100.0**	**100.0**	**100.0**
White	13,092	8,775	6,828	5,714	5,391	2,799	2,592	83.6	90.4	94.4	95.9
Black and other races	2,577	938	413	337	229	119	109	16.4	9.7	5.6	4.1
Under 14 years of age	4,995	2,490	1,391	1,146	1,096	567	529	31.9	25.6	18.9	19.5
14 years of age and over	10,674	7,222	5,851	4,905	4,524	2,352	2,172	68.1	74.4	81.1	80.5
14-19 years	1,868	1,316	926	790	660	356	304	11.9	13.6	13.1	11.7
20-24 years	763	502	502	444	397	216	181	4.9	5.2	7.3	7.1
25-34 years	1,461	770	735	606	650	346	304	9.3	7.9	10.0	11.6
35-44 years	1,803	1,061	862	712	669	337	332	11.5	10.9	11.8	11.9
45-64 years	3,453	2,452	1,892	1,607	1,417	713	704	22.0	25.2	26.6	25.2
65 years and over	1,326	1,122	934	746	732	385	347	8.5	11.6	12.3	13.0
In labor force [1]	6,266	4,293	3,682	3,139	2,924	1,899	1,025	58.7	59.4	64.0	64.6
Employed, agriculture	4,025	2,333	1,722	1,642	1,608	1,270	338	37.7	32.3	33.5	35.5
Percent of total	64.2	54.3	46.8	52.3	55.0	66.9	33.0	(x)	(x)	(x)	(x)
Self-employed	2,405	1,411	1,083	1,034	1,023	891	132	22.5	19.5	21.1	22.6
Wage and salary workers	782	395	344	326	342	281	60	7.3	5.5	6.6	7.6
Unpaid family workers	838	526	295	282	243	98	145	7.9	7.3	5.7	5.4
Employed, nonagriculture	2,064	1,878	1,853	1,415	1,210	568	642	19.3	26.0	28.8	26.7
Self-employed	(NA)	159	210	161	128	70	58	(NA)	2.2	3.3	2.8
Wage and salary workers	(NA)	1,698	1,624	1,239	1,069	494	575	(NA)	23.5	25.3	23.6
Unpaid family workers	(NA)	21	19	16	13	4	9	(NA)	.3	.3	.3
Unemployed	177	82	106	82	105	61	45	1.7	1.1	1.7	2.3
Not in labor force [1]	4,408	2,929	2,169	1,766	1,600	453	1,147	41.3	40.6	36.0	35.4

NA Not available. X Not applicable. [1] 14 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-27, No. 56 and earlier reports and unpublished data.

No. 1136. Farm Population, by Characteristics of Farm: 1975 and 1980

[In thousands. As of June. Excludes Alaska and Hawaii. Based on 1974 census farm definition; see text, p. 648]

FARM CHARACTERISTIC	1975					1980				
	Total [1]	White	Black	North and West	South	Total [1]	White	Black	North and West	South
Total	**7,217**	**6,888**	**271**	**4,689**	**2,528**	**7,045**	**6,775**	**236**	**4,483**	**2,562**
Farm operator's household	6,537	6,357	147	4,353	2,184	6,588	6,392	164	4,225	2,363
Other dwelling units	680	531	124	337	343	457	383	71	258	199
Full owner	3,817	3,692	97	2,383	1,434	3,526	3,413	97	2,168	1,359
Part owner	2,582	2,454	109	1,786	797	2,822	2,695	113	1,837	985
Tenant or manager	818	743	64	521	297	696	667	26	478	218
Type of farm: [2]										
Cash grain	2,206	2,112	82	1,683	523	1,874	1,819	51	1,472	402
Tobacco	554	464	82	21	533	405	350	49	18	387
Cotton	158	119	34	34	123	92	75	16	15	77
Livestock	2,472	2,418	41	1,511	961	2,775	2,686	82	1,516	1,259
Dairy	1,013	1,009	(3)	894	118	922	918	(3)	805	117
Other	815	766	31	547	268	978	928	37	657	321

[1] Includes other races not shown separately. [2] Classification based on product having largest percentage of total sales. [3] Included in other.

Source: U.S. Dept. of Agriculture, Economic Research Service, unpublished data.

No. 1137. Characteristics of Farm and Nonfarm Families: 1970 to 1982

[As of March. 1970 based on 1969 census farm definition, 1980 and 1982 based on 1974 definition; see text, p. 648. Based on Current Population Survey, see text, p. 2 and Appendix III. 1970, 1980 and 1982 data are based on population controls from 1960, 1970 and 1980 census respectively; see text, p. 2]

CHARACTERISTIC	1970			1980			1982		
	Total	Farm	Nonfarm	Total	Farm	Nonfarm	Total	Farm	Nonfarm
Total families (1,000)	51,237	2,457	48,781	58,426	1,666	56,760	61,019	1,598	59,421
Persons per family	3.62	3.77	3.61	3.28	3.35	3.27	3.25	3.27	3.25
With own children under 18 (1,000)	28,665	1,169	27,496	30,517	745	29,772	31,012	717	30,295
Mean number of own children	2.33	2.61	2.32	1.89	2.00	1.89	1.87	1.95	1.86
Percent with: 1 or 2 children	63.6	57.2	63.9	77.0	71.5	77.2	78.5	77.4	78.5
3 or 4 children	28.5	29.3	28.5	20.4	24.8	20.3	19.5	20.6	19.4
5 or more children	7.8	13.5	7.6	2.5	3.5	2.5	2.1	2.1	2.1
Percent distribution:									
Married couple	86.7	90.5	86.5	82.5	92.3	82.2	81.3	92.8	81.0
Male householder, no wife present	2.4	4.2	2.3	2.9	3.4	2.9	3.3	2.9	3.3
Female householder, no husband present	10.9	5.3	11.2	14.6	4.4	14.9	15.4	4.3	15.7
2-person families	34.5	37.0	34.3	39.2	42.7	39.1	40.0	41.6	40.0
3-to-5 person families	52.7	46.4	53.1	53.7	47.1	53.9	53.5	52.0	53.5
6-or-more person families	12.9	16.6	12.6	7.1	10.3	7.0	6.5	6.4	6.5

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 218, and series P-27, Nos. 54 and 56.

No. 1138. Money Income of Farm and Nonfarm Families, by Race: 1975 to 1981

[Number of families as of March 1982. 1975 data are based on population controls from 1970 census; 1980 and 1981 data are based on population controls from 1980 census. Based on 1974 census farm definition. See headnote, table 762. For definition of median, see Guide to Tabular Presentation]

RACE	MEDIAN FAMILY INCOME (CONSTANT 1981 DOLLARS)			Number of families, 1982 (1,000)	PERCENT FAMILIES WITH 1981 INCOME OF—				
	1975	1980	1981		Under $10,000	$10,000–$14,999	$15,000–$19,999	$20,000–$24,999	$25,000 or more
All families	23,173	23,204	22,388	61,019	17.3	13.5	12.6	12.6	44.0
Farm	18,326	17,389	17,082	1,598	27.0	17.8	12.4	13.6	29.2
Nonfarm	23,368	23,345	22,554	59,421	17.0	13.4	12.6	12.5	44.4
White	24,110	24,176	23,517	53,269	14.7	13.2	12.6	13.0	46.5
Farm	18,991	17,744	17,248	1,547	26.7	17.6	12.3	13.6	29.8
Nonfarm	24,318	24,348	23,742	51,722	14.4	13.0	12.6	13.0	47.1
Black	14,834	13,989	13,267	6,413	38.3	16.5	12.4	9.6	23.1
Farm	8,352	(B)	(B)	43	(B)	(B)	(B)	(B)	(B)
Nonfarm	14,991	14,018	13,284	6,370	38.3	16.5	12.4	9.6	23.2

B Base less than 75,000.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-27, No. 56.

No. 1139. Farm Population, by States: 1950 to 1980

[As of **April 1** except, **1960** and **1970 April-centered** annual averages, 1950-1970, based on 1969 census farm definition; 1980 based on 1974 census farm definition. See text, p. 648. For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series K 17-81]

REGION, DIVISION, AND STATE	1950	1960	1970	1980
U.S	**23,048**	**15,635**	**9,712**	**5,618**
Regions:				
Northeast	1,791	1,119	699	357
North Central	7,433	5,836	4,305	2,878
South	11,896	7,160	3,754	1,777
West	1,929	1,520	954	605
N.E	**403**	**232**	**128**	**57**
Maine	122	61	30	14
N.H.	47	22	11	7
Vt	81	56	32	18
Mass	80	50	28	10
R.I	10	6	4	1
Conn	63	36	23	7
M.A	**1,388**	**887**	**571**	**300**
N.Y	578	387	239	123
N.J	105	71	47	19
Pa	705	428	284	158
E.N.C	**3,703**	**2,821**	**2,053**	**1,322**
Ohio	853	581	415	272
Ind	667	539	416	276
Ill	763	621	473	314
Mich	695	486	305	178
Wis	725	594	445	283
W.N.C	**3,729**	**3,015**	**2,252**	**1,556**
Minn	740	624	482	315
Iowa	783	703	544	391
Mo	863	595	395	282
N. Dak	254	207	154	104
S. Dak	254	217	172	113
Nebr	391	329	253	178
Kans	444	340	252	173

DIVISION AND STATE	1950	1960	1970	1980
S.A	**4,633**	**2,838**	**1,357**	**619**
Del	34	27	15	10
Md	183	132	79	45
Va	732	467	238	113
W.Va	411	155	78	29
N.C	1,377	950	463	188
S.C	701	433	144	54
Ga	962	515	228	121
Fla	233	157	113	59
E.S.C	**4,048**	**2,494**	**1,329**	**593**
Ky	974	618	452	245
Tenn	1,016	677	384	176
Ala	960	519	216	88
Miss	1,097	680	277	85
W.S.C	**3,215**	**1,928**	**1,069**	**565**
Ark	802	415	228	108
La	567	313	160	59
Okla	553	294	209	130
Tex	1,292	806	471	269
Mt	**859**	**678**	**446**	**264**
Mont	136	115	90	58
Idaho	165	148	102	69
Wyo	57	47	33	19
Colo	198	143	94	59
N. Mex	132	72	45	20
Ariz	77	74	34	14
Utah	81	65	38	18
Nev	13	13	9	6
Pac	**1,070**	**842**	**508**	**342**
Wash	274	199	133	82
Oreg	228	165	119	78
Calif	568	463	249	176
Alaska	(NA)	3	2	1
Hawaii	(NA)	12	6	5

NA Not available.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Farm Population Estimates, 1910-70* (Statistical Bulletin No. 523), and U.S. Bureau of the Census, *1980 Census of Population*, vol. I, chapter C (PC 80-1-C).

No. 1140. Farms—Number, 1950 to 1978, and Acreage, 1974 and 1978, by Size of Farm

[See *Historical Statistics, Colonial Times to 1970*, series K 162-173]

SIZE OF FARM	NUMBER OF FARMS (1,000)					LAND IN FARMS (mil. acres)		CROPLAND HARVESTED (mil. acres)		PERCENT DISTRIBUTION, 1978		
	1950	1959	1969	1974	1978	1974	1978	1974	1978	Number of farms	All land in farms	Cropland harvested
Total	**5,388**	**3,711**	**2,730**	**2,314**	**2,479**	**1,017.0**	**1,029.7**	**303.0**	**320.7**	**100.0**	**100.0**	**100.0**
Under 10 acres	489	244	162	128	215	.5	.8	.2	.3	8.7	.1	.1
10-49 acres	1,480	813	473	380	475	10.8	13.0	4.3	5.1	19.2	1.3	1.6
50-99 acres	1,048	658	460	385	387	28.1	28.1	10.5	10.7	15.6	2.7	3.3
100-179 acres	1,103	773	542	443	428	60.5	58.1	25.1	24.0	17.3	5.6	7.5
180-259 acres	487	414	307	253	242	54.8	52.3	25.1	24.2	9.8	5.1	7.5
260-499 acres	476	472	419	363	354	129.8	127.0	65.9	65.1	14.3	12.3	20.3
500-999 acres	182	200	216	207	215	142.3	147.9	70.1	75.5	8.7	14.4	23.5
1,000-1,999 acres	121	79	91	93	99	125.7	134.0	51.7	58.4	4.0	13.0	18.2
2,000 acres and over		57	60	62	64	464.7	468.5	50.1	57.4	2.6	45.5	17.9

Source: U.S. Bureau of the Census, *Census of Agriculture: 1969*, vol. II; and *1974* and *1978*, vol. I.

No. 1141. Farms—Number and Acreage: 1930 to 1983

[Estimated. Prior to 1959, excludes Alaska and Hawaii. For definition of farms and farmland, see text, pp. 647 and 648. 1930–1954, farms and farmlands as defined in census year shown; beginning 1959, based on census year definition indicated. Data for census years (indicated by italics) have been adjusted for underenumeration and are used as reference points along with data from acreage and livestock surveys in estimating data for other years. Minus sign (–) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series K 4-7]

Year	Farms		Land in farms	
	Number (1,000)	Annual change [1] (1,000)	Total (mil. acres)	Average per farm (acres)
1930	6,546	15	987	151
1935	6,814	54	1,055	155
1940	6,350	–93	1,061	167
1945	5,967	–77	1,142	191
1950	5,648	–64	1,202	213
1954	4,798	–213	1,206	251
1969 definition				
1959	4,105	–139	1,183	288
1960	3,963	–142	1,176	297
1961	3,825	–138	1,168	305
1962	3,692	–133	1,159	314
1963	3,572	–120	1,152	322
1964	3,457	–115	1,146	332
1965	3,356	–101	1,140	340
1966	3,257	–99	1,132	348
1967	3,162	–95	1,123	355
1968	3,071	–91	1,115	363
1969	3,000	–71	1,108	369
1970	2,949	–51	1,102	374
1969 definition—Con.				
1971	2,902	–47	1,097	378
1972	2,860	–42	1,092	382
1973	2,823	–37	1,088	385
1974	2,795	–28	1,084	388
1975	2,767	–28	1,081	391
1976	2,738	–29	1,078	394
1977	2,706	–32	1,075	397
1978	2,672	–34	1,072	401
1974 definition				
1975	2,521	(X)	1,059	420
1976	2,497	–24	1,054	422
1977	2,456	–41	1,048	427
1978	2,436	–20	1,045	429
1979	2,430	–6	1,043	429
1980	2,428	–2	1,042	429
1981	2,434	6	1,042	428
1982	2,400	–34	1,039	433
1983, prel	2,370	–30	1,035	437

X Not applicable. [1] Average annual change from preceding year shown. For 1930, change from 1925.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Number of Farms, 1910–1959; Land in Farms 1950–1959, by States* (Statistical Bulletin No. 316); *Number of Farms and Land in Farms, 1959–70* (Statistical Bulletin No. 507); *Farms and Land in Farms, 1969–75* (Statistical Bulletin No. 594); *Farm Numbers*, annual supplements (through 1982); and *Crop Production* (August release).

No. 1142. Farms—Number and Acreage, by States: 1980 and 1983

[1983 data preliminary. Based on 1974 census definition of farms and farmland; see text, p. 647. See also *Historical Statistics, Colonial Times to 1970*, series K 4-7]

State	Farms (1,000)		Acreage (mil.)		Acreage per farm	
	1980	1983	1980	1983	1980	1983
U.S	**2,428**	**2,370**	**1,042**	**1,035**	**429**	**437**
Ala	58	54	13	12	219	224
Alaska	(z)	(z)	2	2	4,108	3,422
Ariz	7	7	39	39	5,557	5,557
Ark	59	56	17	16	280	289
Calif	80	78	34	34	424	432
Colo	27	25	37	36	1,377	1,411
Conn	4	5	(z)	(z)	117	111
Del	4	3	1	1	186	191
Fla	39	41	13	13	344	312
Ga	59	55	16	15	263	273
Hawaii	4	4	2	2	458	445
Idaho	24	24	15	15	639	619
Ill	107	101	29	29	269	284
Ind	88	87	17	17	191	193
Iowa	119	115	34	34	284	293
Kans	75	75	48	49	644	647
Ky	102	103	15	15	143	141
La	37	37	10	10	273	277
Maine	8	8	2	2	195	193
Md	18	18	3	3	157	150
Mass	6	5	1	1	115	113
Mich	66	65	11	12	173	177
Minn	104	103	30	30	288	295
Miss	55	51	15	14	265	280
Mo	120	117	32	31	263	268
Mont	24	24	62	62	2,609	2,588
Nebr	65	63	48	48	734	756
Nev	3	3	9	9	3,100	3,296
N.H	3	3	1	1	160	169
N.J	9	10	1	1	109	108
N. Mex	14	14	47	47	3,467	3,481
N.Y	48	50	9	10	196	190
N.C	93	85	12	11	126	127
N. Dak	40	38	42	42	1,043	1,112
Ohio	95	92	16	16	172	175
Okla	72	71	35	34	481	479
Oreg	35	37	18	18	517	492
Pa	62	59	9	9	145	147
R.I	1	1	(z)	(z)	87	100
S.C	35	31	6	6	183	190
S. Dak	39	37	45	45	1,169	1,219
Tenn	96	95	14	13	142	141
Tex	186	184	139	138	746	752
Utah	13	13	13	12	969	961
Vt	8	8	2	2	226	227
Va	58	58	10	10	169	169
Wash	38	38	16	16	424	429
W. Va	20	21	4	4	210	203
Wis	93	90	19	18	200	202
Wyo	9	9	35	35	3,846	3,837

Z Less than 500 farms or 500,000 acres.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production* (August release).

No. 1143. Farms—Number, Acreage, and Value, by Type of Organization: 1969 to 1978

Item	Unit	Total	Individual or family	Partnership	Corporation	Other	Percent distribution: Total	Individual or family	Partnership	Corporation	Other
ALL FARMS, 1978[1]											
Number of farms	1,000	2,476	2,175	241	51	8	100.0	87.8	9.7	2.1	.3
Land in farms	Mil. acres	974	687	159	120	8	100.0	70.5	16.3	12.3	.8
Value of land and buildings	Mil. dol	641,698	480,508	100,115	57,379	3,696	100.0	74.9	15.6	8.9	.6
Value of farm products sold	Mil. dol	107,869	66,451	17,388	23,353	677	100.0	61.6	16.1	21.6	.6
FARMS WITH SALES OF $2,500 AND OVER											
Number of farms:											
1969	1,000	1,734	1,481	222	22	10	100.0	85.4	12.8	1.3	.6
1974	1,000	1,695	1,518	145	29	4	100.0	89.5	8.6	1.7	.2
1978	1,000	1,865	1,599	210	50	6	100.0	85.7	11.2	2.7	.3
Land in farms:											
1969	Mil. acres	918	665	163	81	8	100.0	72.4	17.8	8.8	.9
1974	Mil. acres	906	678	124	97	6	100.0	74.9	13.7	10.7	.7
1978	Mil. acres	*927*	*644*	*156*	*120*	*7*	*100.0*	*69.5*	*16.8*	*12.9*	*.8*
Value of farm products sold: [2]											
1969	Mil. dol	44,476	30,179	7,748	6,295	254	100.0	67.8	17.4	14.1	.6
1974	Mil. dol	80,593	54,511	11,232	14,426	424	100.0	67.6	13.9	17.9	.5

[1] Excludes abnormal farms (see footnote 2, table 1147). [2] 1978 total value of farm products sold, $107,164,000,000.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1974* and *1978*, vol. I.

No. 1144. Characteristics of Corporate Farms, by Type: 1978

Item	Unit	All corporations	Family held corporations: Total	Family held corporations: 1–10 stockholders	Family held corporations: 11 or more stockholders	Other corporations: Total	Other corporations: 1–10 stockholders	Other corporations: 11 or more stockholders
Farms	Number	51,270	45,418	44,143	1,275	5,852	4,707	1,145
Percent distribution	Percent	100.0	88.6	86.1	2.5	11.4	9.2	2.2
Land in farms	Mil. acres	120.2	104.0	93.0	11.0	16.1	10.6	5.5
Average per farm	Acres	2,345	2,292	2,107	8,661	2,755	2,248	4,837
Value of—								
Land and buildings [1]	Bil. dol	57.4	47.9	44.6	3.3	9.5	5.6	3.9
Average per farm [1]	$1,000	1,100	1,038	993	2,595	1,571	1,139	3,445
Farm products sold	Bil. dol	23.4	16.3	15.0	1.3	7.0	3.9	3.2
Average per farm	$1,000	456	359	340	1,038	1,203	819	2,784

[1] Based on a sample of farms.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1978*, vol. I.

No. 1145. Farms—Number and Acreage, by Tenure of Operator: 1959 to 1978

[*Full owners* own all the land they operate. *Part owners* own a part, and rent from others the rest of the land they operate. See also *Historical Statistics, Colonial Times to 1970*, series K 109–113 and 142–146]

Item and year	Unit	Total	Full owner	Part owner	Tenant	Percent distribution: Total	Full owner	Part owner	Tenant
Number of farms:									
1959	*1,000*	[1] *3,711*	*2,119*	*811*	*760*	[1] *100.0*	*57.1*	*21.9*	*20.5*
1969	1,000	2,730	1,706	672	353	100.0	62.5	24.6	12.9
1974	1,000	2,314	1,424	628	262	100.0	61.5	27.2	11.3
1978 [2]	1,000	2,479	1,451	714	314	100.0	58.6	28.8	12.7
Under 50 acres	1,000	690	532	74	84	100.0	77.1	10.8	12.2
50–179 acres	1,000	814	563	157	94	100.0	69.2	19.3	11.5
180–499 acres	1,000	596	262	247	87	100.0	43.9	41.4	14.7
500–999 acres	1,000	215	57	128	30	100.0	26.5	59.5	14.0
1,000 acres or more	1,000	161	36	107	18	100.0	22.4	66.2	11.4
Land in farms:									
1959	Mil. acres	[1] 1,124	349	498	167	[1] 100.0	31.0	44.3	14.9
1969	*Mil. acres*	*1,063*	*375*	*550*	*138*	100.0	35.2	51.8	13.0
1974	Mil. acres	1,017	359	535	122	100.0	35.4	52.6	12.0
1978	Mil. acres	1,030	341	565	124	100.0	33.1	54.9	12.0

[1] Includes managers, not shown separately. In subsequent censuses, managers were included under other tenure categories. [2] Data by size of farm exclude abnormal farms; see footnote 2, table 1147.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1959, 1969,* and *1974*, vol. II; and *1978*, vol. I.

No. 1146. Farm Operators—Tenure and Characteristics: 1974 and 1978

[In thousands, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series K 82-113]

Tenure and characteristic	All farms		Farms with sales of $2,500 and over		Characteristic	All farms		Farms with sales of $2,500 and over	
	1974 [1]	1978	1974 [1]	1978		1974 [1]	1978	1974 [1]	1978
Total operators	**2,314**	**2,479**	**1,695**	**1,865**	Principal occupation:				
					Farming	1,427	1,327	1,236	1,190
White	2,220	2,399	1,632	1,825	Other	852	1,152	427	675
Black and other	59	80	31	40					
					Place of residence: [2]				
Under 25 years old	52	79	41	63	On farm operated	1,502	1,785	1,125	1,338
25-34 years old	240	323	176	247	On another farm	94		69	
35-44 years old	400	485	291	354	In rural area, not on a farm	67	442	45	340
45-54 years old	577	596	433	456	In urban area	210		146	
55-64 years old	589	588	442	458					
65 years old and over	421	408	260	286					
Average age (years)	51.7	50.1	51.4	49.8	Days worked off farm: [2]				
					None	830	1,001	691	854
Full owner	1,424	1,451	904	962	Less than 100 days	197	264	147	222
Part owner	628	714	566	640	100-199 days	157	196	102	143
Tenant	262	314	225	263	200 days or more	658	905	347	547

[1] Except for tenure, data apply only to individual or family operations and partnerships. [2] Excludes not reported.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1974* and *1978*, vol. I.

No. 1147. Farms—Number, Acreage, and Value of Sales, by Size of Sales: 1978

Economic class of farm (value of farm products sold)	Farms (1,000)	Acreage		Value of sales		Percent distribution		
		Total (mil.)	Average per farm	Total (mil. dol.)	Average per farm ($1,000)	Farms	Acreage, total	Value of sales, total
Sales of $2,500 or more	1,865	927	497	107,164	57.5	100.0	100.0	100.0
$2,500-$4,999	332	37	112	1,191	3.6	17.8	4.0	1.1
$5,000-$9,999	331	56	168	2,361	7.1	17.7	6.0	2.2
$10,000-$19,999	310	84	272	4,425	14.3	16.6	9.1	4.1
$20,000-$39,999	306	133	435	8,788	28.7	16.4	14.3	8.2
$40,000-$99,999	364	245	675	23,059	63.5	19.5	26.4	21.5
$100,000 and over	223	372	1,669	67,339	302.0	12.0	40.1	62.8
Sales less than $2,500	612	47	77	705	1.2	100.0	100.0	100.0
Occupation—Farming [1]	135	(NA)	(NA)	(NA)	(NA)	22.1	(NA)	(NA)
Occupation—Other than farming [1]	476	(NA)	(NA)	(NA)	(NA)	77.8	(NA)	(NA)
Abnormal farms [2]	2	56	24,309	245	106.4	100.0	100.0	100.0

NA Not available. [1] Occupation determined by 50 percent or more of work time on farm or other occupation.
[2] Represents institutional farms, experimental and research farms, Indian reservations, etc.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1978*, vol. I.

No. 1148. Farms—Number, Acreage, and Value of Sales, by Type of Farm: 1978

[Covers farms with sales of $2,500 or more. Farm was classified in a particular group if its sales for that product group amounted to 50 percent or more of the total value of farm products sold. The Standard Industrial Classification (SIC) code for each farm type is shown in parentheses]

Item	Unit	Total	Cash grain [1] (011)	Cotton (0131)	Tobacco (0132)	Livestock [2] (021)	Dairy (024)	Poultry, eggs (025)	Fruit and nut (017)	Vegetable (016)	All other
Number of farms	1,000	1,865	526	30	108	705	167	42	58	26	204
With sales between $2,500 and $39,999	Percent	68.6	65.1	49.8	86.6	78.0	38.1	17.5	67.9	71.1	73.3
With sales of $40,000 or more	Percent	31.4	34.9	50.2	13.4	22.0	61.9	82.5	32.1	28.9	26.7
Land in farms	Mil. acres	926.9	256.6	23.0	12.7	500.2	49.4	5.3	6.1	5.4	66.2
Products sold, value	Mil. dol	107,164	24,481	3,030	2,324	36,793	12,548	8,814	4,528	3,116	11,531
On farms with *sales between* $2,500 and $39,999	Percent	15.6	21.6	8.6	43.9	16.5	11.7	1.4	11.5	6.7	15.5
On farms with sales of $40,000 or more	Percent	84.4	78.4	91.4	56.1	83.5	88.3	98.6	88.5	93.3	84.5
Percent distribution:											
Number of farms	Percent	100.0	28.2	1.6	5.8	37.8	9.0	2.3	3.1	1.4	10.9
Land in farms	Percent	100.0	27.7	2.5	1.4	54.0	5.3	.6	.9	.6	7.1
Products sold, value	Percent	100.0	22.8	2.8	2.2	34.3	11.7	8.2	4.2	2.9	10.8

[1] Includes wheat, rice, corn for grain, soybeans, and other cash grains not elsewhere classified. [2] Excludes dairy, poultry, and animal specialty farms.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1978*, vol. I, and unpublished data.

No. 1149. Farms—Number, Acreage, and Value, by States: 1969 to 1978

[For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series K 17-18]

Region, division and state	Number of farms (1,000)			All land in farms (mil. acres)			Average acreage per farm			Total value [1] (mil. dol.)		
	1969	1974	1978	1969	1974	1978	1969	1974	1978	1969	1974	1978
U.S.	**2,730**	**2,314**	**2,479**	**1,062.9**	**1,017.0**	**1,029.7**	**389**	**440**	**415**	**206,751**	**342,099**	**650,025**
Regions:												
Northeast	152	128	149	25.7	23.4	24.9	169	183	167	9,025	15,460	25,607
North Central	1,152	1,017	1,028	373.3	362.9	366.1	324	357	356	86,392	150,978	309,210
South	1,161	930	1,015	332.8	305.7	312.6	287	329	308	69,664	110,362	194,616
West	265	239	286	331.1	325.1	326.1	1,249	1,360	1,138	41,668	65,299	120,592
N.E	**29**	**23**	**30**	**5.6**	**4.8**	**5.2**	**195**	**206**	**172**	**1,803**	**2,915**	**4,847**
Maine	8	6	8	1.8	1.5	1.6	221	237	197	283	519	883
N.H	3	2	3	.6	.5	.5	211	210	164	146	286	496
Vt	7	6	7	1.9	1.7	1.8	279	282	241	429	770	1,177
Mass	6	4	6	.7	.6	.7	123	134	115	396	578	995
R.I	1	1	1	.1	.1	.1	98	102	86	50	92	182
Conn	4	3	5	.5	.4	.5	121	129	110	499	671	1,114
M.A	**123**	**104**	**119**	**20.1**	**18.6**	**19.7**	**163**	**178**	**165**	**7,222**	**12,545**	**20,760**
N.Y	52	44	49	10.1	9.4	9.9	196	215	201	2,772	4,800	6,701
N.J	8	7	10	1.0	1.0	1.0	122	130	106	1,131	1,737	2,828
Pa	63	53	60	8.9	8.2	8.7	142	154	146	3,319	6,008	11,232
E.N.C	**513**	**445**	**452**	**94.6**	**90.0**	**92.4**	**184**	**202**	**204**	**36,683**	**61,406**	**133,193**
Ohio	111	92	96	17.1	15.7	16.1	154	170	168	6,819	11,056	23,922
Ind	101	88	88	17.6	16.8	17.0	173	191	193	7,136	12,078	27,163
Ill	124	111	110	29.9	29.1	29.7	242	262	270	14,643	24,628	55,529
Mich	78	64	68	11.9	10.8	11.4	153	169	168	3,883	5,989	11,144
Wis	99	89	90	16.1	17.6	18.1	163	197	201	4,201	7,656	15,435
W.N.C	**639**	**573**	**575**	**278.7**	**272.9**	**273.7**	**436**	**477**	**476**	**49,711**	**89,572**	**176,017**
Minn	111	99	103	28.8	27.6	28.7	260	280	279	6,512	11,855	26,063
Iowa	140	126	126	33.6	33.0	33.6	239	262	266	13,150	23,754	52,395
Mo	137	116	122	32.4	29.8	30.8	237	258	253	7,269	11,811	22,605
N. Dak	46	43	41	43.1	42.4	42.0	930	992	1,021	4,045	8,268	14,689
S. Dak	46	43	40	45.6	46.0	44.5	997	1,074	1,123	3,815	6,656	11,529
Nebr	72	68	66	45.8	46.2	46.3	634	683	702	7,076	13,017	24,572
Kans	86	79	77	49.4	47.9	47.7	574	605	619	7,843	14,211	24,164
S.A	**371**	**296**	**326**	**68.0**	**60.9**	**61.9**	**184**	**206**	**190**	**20,513**	**34,987**	**60,785**
Del	4	3	4	.7	.6	.7	182	185	187	336	612	982
Md	17	15	19	2.8	2.6	2.7	163	174	145	1,793	2,791	5,041
Va	65	53	57	10.7	9.7	10.0	165	184	175	3,047	5,396	9,322
W. Va	23	17	21	4.3	3.5	3.9	188	207	188	589	1,050	2,317
N.C	119	91	89	12.7	11.2	11.4	107	123	127	4,244	6,634	12,073
S.C	40	29	33	7.0	6.2	6.3	177	211	189	1,626	2,887	4,686
Ga	67	55	59	15.8	13.9	13.7	234	253	234	3,701	6,576	10,666
Fla	36	32	44	14.0	13.2	13.3	394	407	302	4,976	9,041	15,496
E.S.C	**392**	**306**	**319**	**60.7**	**53.7**	**53.6**	**155**	**175**	**168**	**14,540**	**22,006**	**41,194**
Ky	125	102	110	16.0	14.4	15.0	128	141	137	4,041	6,158	13,078
Tenn	121	94	97	15.1	13.1	13.2	124	140	136	4,028	6,117	11,342
Ala	72	57	58	13.7	11.9	11.5	188	209	201	2,725	4,310	7,376
Miss	73	54	54	16.0	14.3	13.9	221	267	256	3,746	5,421	9,399
W.S.C	**399**	**328**	**371**	**204.1**	**191.0**	**197.1**	**511**	**582**	**531**	**34,611**	**53,369**	**92,637**
Ark	60	51	59	15.7	14.6	15.6	260	287	265	4,081	6,135	11,931
La	42	33	39	9.8	9.1	9.6	232	275	247	3,145	4,679	9,604
Okla	83	70	79	36.0	33.1	34.3	434	475	433	6,214	9,992	17,674
Tex	214	174	194	142.6	134.2	137.5	668	771	708	21,170	32,563	53,428
Mt	**120**	**112**	**128**	**256.5**	**253.0**	**254.3**	**2,139**	**2,262**	**1,991**	**17,444**	**32,028**	**58,110**
Mont	25	23	24	62.9	62.2	62.3	2,522	2,665	2,545	3,748	6,952	12,264
Idaho	25	24	26	14.4	14.3	14.9	566	603	562	2,545	4,833	8,712
Wyo	9	8	8	35.5	34.3	33.7	4,014	4,274	3,969	1,445	2,751	4,880
Colo	28	26	30	36.7	35.9	35.5	1,313	1,408	1,197	3,471	6,734	11,496
N. Mex	12	11	14	46.8	47.0	48.3	4,020	4,170	3,389	1,960	3,649	6,869
Ariz	6	6	8	38.2	37.9	38.7	6,486	6,539	5,034	2,664	4,197	7,682
Utah	13	12	14	11.3	10.6	10.5	867	871	760	1,040	1,998	4,202
Nev	2	2	3	10.7	10.6	10.5	5,070	5,209	3,641	571	915	2,005
Pac	**145**	**127**	**159**	**74.6**	**72.0**	**71.8**	**514**	**567**	**452**	**24,224**	**33,271**	**62,482**
Wash	34	29	38	17.6	16.7	17.0	516	567	451	3,930	5,828	11,858
Oreg	29	27	35	18.0	18.2	18.4	620	682	532	2,707	4,552	9,255
Calif	78	68	82	35.3	33.4	33.1	454	493	405	16,956	21,793	39,446
Alaska	(z)	(z)	(z)	1.6	1.6	1.3	4,832	5,612	3,359	20	69	140
Hawaii	4	3	4	2.1	2.1	2.0	526	702	461	611	1,029	1,784

Z Less than 500. [1] Value of land and buildings. For 1978, based on reports for a sample of farms.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1974* and *1978*, vol. I.

NO. 1150. FARMS, LAND IN FARMS AND DEBT STATUS, BY OPERATOR CHARACTERISTICS: 1979

[Based on the 1979 Survey of Farm Finance, a sample survey conducted as part of the 1978 Census of Agriculture. Survey was taken in 1980 to cover calendar year 1979]

OPERATOR CHARACTERISTIC	Number of farms (1,000)	LAND IN FARMS (millions)			Percent of operators with debt	Real estate debt as percent of value of land and bldgs.[1]	Non-real estate debt as percent of net cash farm income[2]
		Total acres	Acres owned	Acres rented			
Total	**2,354**	**928.4**	**552.9**	**375.5**	**53.8**	**27.1**	**248.4**
Full owner	1,424	279.0	279.0	(x)	45.9	25.0	193.1
Part owner	647	542.4	273.9	268.4	71.8	29.0	254.3
Tenant[3]	283	107.0	(x)	107.0	52.2	(x)	386.4
Cash	108	45.0	(x)	45.0	53.0	(x)	369.5
Share-cash[4]	41	25.5	(x)	25.5	73.4	(x)	1,234.7
Share[5]	102	31.0	(x)	31.0	51.4	(x)	267.3
Individual or family	2,079	657.1	393.8	263.3	52.7	26.8	267.5
Partnership	217	152.7	84.4	68.2	60.0	27.0	229.7
Corporation	52	113.9	71.6	42.4	72.8	29.3	206.3
Other	7	4.7	3.1	1.6	31.0	16.5	136.9
Less than 50 acres	655	13.3	11.4	1.9	42.1	31.9	212.8
50-99 acres	380	27.6	22.9	4.7	44.3	28.7	243.4
100-179 acres	401	54.5	42.2	12.3	49.1	27.3	221.8
180-259 acres	220	47.7	34.1	13.6	54.9	28.6	225.2
260-499 acres	347	124.9	74.6	50.3	66.7	25.4	238.2
500-999 acres	198	136.3	72.5	63.9	76.7	26.9	233.9
1,000-1,999 acres	94	128.0	65.9	62.1	78.9	27.5	370.2
2,000 acres or more	59	396.2	229.4	166.8	79.0	25.8	239.5

X Not applicable. [1] *For operators with real estate debt. Only owned land and buildings operated are included.* [2] For operators with non-real estate debt. [3] Includes other types, not shown separately. [4] Share-cash tenants pay part of the rent in cash and part in a share of the crops and/or of the livestock and livestock products. [5] Share tenants pay a share of the *crops and/or a share of the livestock or livestock products.*

Source: U.S. Bureau of the Census, *1978 Census of Agriculture, Volume 5, Special Reports, Part 6, 1979 Farm Finance Survey.*

NO. 1151. IRRIGATION OF AGRICULTURAL LAND—SUMMARY: 1950 TO 1978

[See also *Historical Statistics, Colonial Times to 1970,* series J 85-91]

ITEM	Unit	17 WESTERN STATES AND LA.					ALL STATES		
		1950	1959	1969	1974	1978	1969	1974	1978
Approximate land area	Mil. acres	1,191	1,189	1,187	1,187	1,187	2,264	2,266	2,266
Farms, total	1,000	1,430	1,044	850	745	798	2,730	2,314	2,479
Irrigated	1,000	289	267	210	197	239	257	237	303
Percent irrigated of total farms	Percent	20.2	25.6	24.7	26.4	29.9	9.4	10.2	12.2
Land in farms, total	Mil. acres	699	715	700	680	685	1,063	1,017	1,030
In irrigated farms	Mil. acres	168	213	218	211	228	238	229	253
Land irrigated, total	Mil. acres	25	31	35	37	44	39	41	51
Percent irrigated of total land in farms	Percent	3.6	4.3	5.0	5.4	6.4	3.7	4.0	4.9

Source: U.S. Bureau of the Census, *Census of Agriculture: 1950, 1959, 1969, 1974,* and *1978.*

NO. 1152. FEDERAL IRRIGATION PROJECTS, BY TYPE OF SERVICE: 1960 TO 1981

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981
All projects: Irrigable acreage	1,000	8,171	9,612	10,198	10,930	11,234	11,409	12,236	11,944	11,941
Irrigated acreage	1,000	6,900	8,012	8,570	9,309	9,132	9,576	10,234	10,093	10,122
Gross crop value	Mil. dol	1,158	1,557	1,882	4,419	4,395	4,993	6,909	7,436	6,744
Full service:[1] Irrigable acreage	1,000	4,326	4,540	4,844	4,925	4,974	5,012	5,076	5,092	5,089
Irrigated acreage	1,000	3,488	3,731	4,037	4,213	4,206	4,222	4,254	4,275	4,290
Gross crop value	Mil. dol	581	675	847	1,858	1,771	2,036	2,348	2,668	2,553
Supplemental and temporary service:[2]										
Irrigable acreage	1,000	3,845	5,072	5,354	6,005	6,260	6,397	7,160	6,852	6,852
Irrigated acreage	1,000	3,412	4,281	4,533	5,096	4,926	5,354	5,980	5,818	5,832
Gross crop value	Mil. dol	577	882	1,035	2,561	2,624	2,957	4,561	4,770	4,191

[1] Applies to irrigable land receiving its sole irrigation supply through Bureau of Reclamation-constructed facilities and to previously irrigated land in non-Federal projects where a substantial part of the facilities was constructed, rehabilitated, or replaced by the Bureau. [2] Applies to irrigable land receiving irrigation water through Bureau projects in addition to supply from non-project sources and to land for which water is delivered under temporary arrangements.

Source: U.S. Bureau of Reclamation, *Annual Report.*

NO. 1153. AVAILABILITY OF NONFEDERAL LAND FOR AGRICULTURE: 1977

[In millions of acres. Agricultural lands represent lands currently used to produce agricultural commodities. Data are based on National Agricultural Lands Study; for details, contact source]

STATE	LAND AVAILABLE FOR AGRICULTURE				Land not available for agriculture
	Total [1]	Cropland	Rangeland	Forest land	
U.S	**1,359**	**413**	**414**	**376**	**153**
Ala	29	4	-	20	3
Alaska	13	(z)	6	7	1
Ariz	38	1	35	2	2
Ark	28	8	(z)	14	2
Calif	39	10	18	10	15
Colo	40	11	24	3	3
Conn	2	(z)	-	1	1
Del	1	1	-	(z)	(z)
Fla	24	3	3	12	6
Ga	32	6	-	22	4
Hawaii	3	(z)	-	1	1
Idaho	18	6	7	4	1
Ill	31	24	-	3	4
Ind	20	13	-	4	3
Iowa	33	26	-	1	2
Kans	49	29	16	1	2
Ky	22	5	-	11	2
La	22	6	(z)	13	6
Maine	18	1	-	17	2
Md	4	2	-	2	2
Mass	3	(z)	-	3	2
Mich	27	9	-	15	6
Minn	41	23	(z)	14	6
Miss	26	7	(z)	14	3
Mo	39	15	(z)	11	3
Mont	64	15	39	6	2
Nebr	47	21	22	(z)	2
Nev	9	1	7	(z)	2
N.H	4	(z)	-	4	1
N.J	3	1	-	2	2
N. Mex	48	2	42	3	3
N.Y	25	6	-	15	6
N.C	25	6	-	17	4
N. Dak	41	27	11	(z)	2
Ohio	21	12	-	6	5
Okla	40	12	15	5	2
Oreg	27	5	10	10	2
Pa	23	6	-	14	6
R.I	(z)	(z)	-	(z)	(z)
S.C	15	3	-	11	3
S. Dak	44	18	22	(z)	2
Tenn	22	5	-	12	3
Texas	155	30	95	9	10
Utah	13	2	9	1	4
Vt	5	1	-	4	1
Va	20	3	-	13	3
Wash	28	8	6	12	2
W. Va	13	1	-	10	1
Wis	29	12	(z)	13	4
Wyo	31	3	26	1	2

- Represents zero. Z Less than 500,000 acres. [1] Includes pastureland and other land in farms not shown separately.

Source: U.S. Dept. of Agriculture, Soil Conservation Service, *Resources Conservation Act Appraisal*, 1980.

NO. 1154. FOREIGN OWNERSHIP OF U.S. AGRICULTURAL LAND: 1982

[In thousands of acres, except percent. Covers "foreign persons" reporting under the Agricultural Foreign Investment Disclosure Act of 1978. As defined in the Act, a "foreign person" is any person who is not a U.S. citizen and who is not a permanent resident alien of the U.S. Foreign governments and entities are also "foreign persons." Also, each successive link in a chain of U.S. entities containing foreign interests is considered a "foreign person." An entity is deemed a "foreign person" because another "foreign person" holds at least a 5 percent or more interest in the entity. Therefore acreage figures reported do not necessarily mean that they are wholly owned by foreign investors. Covers reports received and accepted as of December 31, 1982]

CHARACTERISTIC	ACREAGE OWNED [1]		ACREAGE ACQUIRED [2]	
	Total	Percent	Total	Percent
Total [3]	**13,461**	**100.0**	**576**	**100.0**
Type of owner:				
Corporation	11,193	83.1	402	69.8
Partnership	1,238	9.2	95	16.5
Individual	860	6.4	72	12.5
Other	170	1.3	7	1.2
Size of holding:				
Less than 100 acres	115	.9	7	1.2
100-299 acres	259	1.9	22	3.8
300-999 acres	779	5.8	80	13.9
1,000 acres or more	12,308	91.4	467	81.1
Land use:				
Cropland	1,803	13.4	126	21.9
Pasture	3,000	22.3	99	17.2
Forest	7,449	55.3	281	48.9
Other agriculture	545	4.0	29	5.0
Other nonagriculture	664	5.0	41	7.0
Country of foreign owner:				
Canada	1,445	10.7	71	12.3
Germany, Fed. Rep	675	5.0	60	10.4
Hong Kong	176	1.3	-	-
Mexico	211	1.6	3	.5
Netherlands Antilles	532	4.0	15	2.6
Switzerland	237	1.8	8	1.4
United Kingdom	381	2.8	7	1.2
Through U.S. interest: [4]				
Canada	2,656	19.7	16	2.8
France	304	2.3	20	3.5
Germany, Fed. Rep	480	3.6	50	8.7
Hong Kong	1,692	12.6	-	-
Luxembourg	236	1.8	-	-
Netherlands Antilles	508	3.8	5	.9
United Kingdom	1,505	11.2	43	7.5

- Represents zero. [1] Landholdings by foreign interests as of Dec. 31. [2] Acquisitions by foreign interests from Jan. 1-Dec. 31, 1982. [3] Includes other items not shown separately. [4] Reports filed by U.S. corporations with foreign shareholders.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Foreign Ownership of U.S. Agricultural Land through December 31, 1982* (Economic Research Service Staff Report AGES 830310), 1983.

No. 1155. Farm Real Estate—Summary: 1960 to 1983

[Through 1975, value data as of Mar. 1; 1976-1981, as of Feb. 1; 1982 and 1983, as of April 1. Excludes Alaska and Hawaii. 1960-1970, value data based on 1969 census definition of farms and farmland; beginning 1975, based on 1974 census definition, see text, p. 647]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
Total value	Bil. dol.	136.8	167.0	215.0	358.6	495.0	553.0	653.1	753.6	826.1	816.6	770.3
Land	Bil. dol.	104.5	132.6	175.5	300.5	419.6	471.1	559.7	649.8	713.4	707.2	667.9
Buildings	Bil. dol.	32.3	34.4	39.5	58.1	75.4	81.9	93.4	103.8	112.7	109.4	102.4
Average value per acre [1]	Dollars	117	147	196	340	474	531	628	725	795	789	744
Index	1977=100	24	31	42	75	100	109	125	145	158	157	148
Average value, operating unit	$1,000	34.6	49.9	73.0	142.5	201.9	227.4	269.3	311.0	340.0	340.9	321.6
Farm real estate sales [2]	1,000	(NA)	[3] 113.6	89.0	88.9	74.5	70.8	68.2	68.3	61.4	(NA)	(NA)
Acres sold	Million	(NA)	[3] 26.5	22.0	24.7	20.6	22.5	22.8	21.1	18.1	(NA)	(NA)
Value	Bil. dol.	(NA)	[3] 5.3	5.4	10.6	13.4	12.9	14.1	16.5	15.4	(NA)	(NA)

NA Not available. [1] Land and buildings. [2] Voluntary and estate sales of 10 acres or more. [3] 1966 data.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Farm Real Estate Market Developments*, annual.

No. 1156. Farm Real Estate—Value of Land and Buildings, by States: 1975 to 1983

[See headnote, table 1155. See also *Historical Statistics, Colonial Times to 1970*, series K 16]

STATE	VALUE OF LAND AND BUILDINGS (mil. dol.)				AVERAGE VALUE OF LAND AND BUILDINGS, PER ACRE				INDEXES OF AVERAGE VALUE PER ACRE (1977=100)			
	1975	1980	1982	1983	1975	1980	1982	1983	1975	1980	1982	1983
U.S	**358,640**	**753,608**	**816,556**	**770,314**	**$340**	**$725**	**$789**	**$744**	**75**	**145**	**157**	**148**
Ala	4,878	10,055	11,341	10,775	364	792	922	876	85	149	174	165
Ariz	4,440	[1] 10,260	[1] 11,466	[1] 10,881	111	[1] 264	[1] 294	[1] 279	93	[1] 167	[1] 186	[1] 177
Ark	7,123	15,201	18,106	16,121	419	921	1,104	983	80	163	196	174
Calif	22,398	48,345	64,198	64,873	653	1,426	1,905	1,925	98	166	221	223
Colo	7,050	13,737	15,000	14,714	188	376	419	411	73	147	164	161
Conn. [1]	747	1,173	1,291	1,317	1,524	2,394	2,634	2,687	85	135	149	152
Del	670	1,141	1,095	1,095	971	1,755	1,659	1,659	72	151	143	143
Fla. [2]	9,590	18,112	18,616	18,993	685	1,352	1,432	1,461	89	141	149	152
Ga	7,110	13,460	12,798	12,418	474	868	842	817	93	132	128	124
Idaho	5,221	10,301	11,370	10,570	339	669	753	700	82	134	151	140
Ill	24,619	57,976	55,678	49,565	846	2,013	1,940	1,727	59	135	131	117
Ind	12,312	30,791	29,155	25,364	720	1,833	1,715	1,492	62	150	140	122
Iowa	24,518	61,207	60,908	52,998	719	1,811	1,802	1,568	59	139	139	121
Kans	14,415	27,685	28,372	26,384	296	573	585	544	80	134	136	126
Ky	6,320	13,942	14,442	14,007	427	955	996	966	72	147	154	149
La	5,325	13,007	15,412	15,106	512	1,288	1,511	1,481	88	169	199	195
Maine [1]	540	934	992	1,012	341	578	636	649	85	135	149	152
Md	3,127	6,190	6,644	5,979	1,060	2,251	2,416	2,174	79	166	178	160
Mass. [1]	673	1,055	1,075	1,097	961	1,551	1,707	1,741	85	135	149	152
Mich	6,360	12,331	13,708	12,754	553	1,082	1,192	1,109	72	138	152	141
Minn	12,956	31,832	36,389	32,376	429	1,061	1,197	1,065	65	154	174	155
Miss	5,875	12,050	14,500	13,340	379	825	1,000	920	94	156	189	174
Mo	12,830	27,660	27,381	23,833	396	878	872	759	75	154	153	133
Mont	6,966	14,230	15,773	14,656	112	229	254	236	74	142	157	146
Nebr	13,508	28,623	29,798	26,799	282	600	626	563	70	137	143	129
Nev	764	[1] 2,276	[1] 2,510	[1] 2,385	85	[1] 253	[1] 282	[1] 268	97	[1] 178	[1] 198	[1] 188
N.H. [1]	290	539	587	599	563	989	1,087	1,109	85	135	149	152
N.J	1,870	2,984	3,212	3,148	1,807	2,925	3,118	3,056	90	120	128	125
N. Mex	3,666	[1] 8,870	[1] 10,001	[1] 9,480	78	[1] 190	[1] 211	[1] 200	87	[1] 166	[1] 185	[1] 176
N.Y	5,406	6,656	7,467	7,315	510	708	786	770	88	119	132	129
N.C	7,257	14,221	14,252	14,397	590	1,215	1,284	1,297	88	141	149	150
N. Dak	8,249	16,627	18,181	17,264	195	399	436	414	76	136	149	142
Ohio	11,790	27,347	23,879	21,011	706	1,678	1,474	1,297	63	156	137	121
Okla	10,721	20,899	23,873	22,672	302	604	696	661	82	143	164	156
Oreg	4,650	10,067	11,181	10,614	250	556	611	580	90	132	145	138
Pa	7,046	12,633	11,722	11,255	734	1,404	1,332	1,279	75	140	133	128
R.I. [1]	113	191	224	229	1,507	2,547	2,804	2,860	85	135	149	152
S.C	3,176	5,627	5,600	5,264	467	879	918	863	88	130	136	128
S. Dak	6,583	12,271	12,949	12,060	145	273	291	271	75	141	150	140
Tenn	6,538	12,959	13,025	12,368	467	953	972	923	86	136	138	131
Tex	34,020	62,120	79,718	82,071	243	448	576	593	85	144	185	191
Utah	2,369	[1] 6,680	[1] 7,257	[1] 6,900	188	[1] 530	[1] 590	[1] 561	80	[1] 169	[1] 188	[1] 179
Vt. [1]	818	1,235	1,328	1,355	462	710	781	797	85	135	149	152
Va	5,636	9,691	10,192	10,290	558	1,009	1,040	1,050	83	139	143	144
Wash	5,635	11,671	14,474	14,474	350	725	888	888	72	124	152	152
W. Va	1,290	2,959	3,565	3,565	300	705	829	829	76	150	177	177
Wis	8,376	18,232	19,850	18,852	434	980	1,073	1,019	75	159	174	165
Wyo	2,808	5,357	[1] 6,001	[1] 5,719	80	153	[1] 170	[1] 162	80	126	[1] 140	[1] 133

[1] Dollar values based on average rate of change for region. For New England States, index based on weighted average. [2] Indexes for 1975-82 based on percentage change in Georgia and Alabama. Dollar value based on the resulting index.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Farm Real Estate Market Developments*, annual.

NO. 1157. BALANCE SHEET OF THE FARMING SECTOR: 1960 TO 1983

[In billions of dollars, except percent. As of **January 1.** Includes farm households. Minus sign (–) indicates decrease. See also *Historical Statistics, Colonial Times to 1970,* series K 204–219, for data before revisions]

ITEM	CURRENT DOLLARS						CONSTANT (1972) DOLLARS [1]					
	1960	1970	1975	1980	1982	1983, prel.	1960	1970	1975	1980	1982	1983, prel.
Assets	**210.2**	**314.9**	**502.6**	**1,005.5**	**1,082.8**	**1,048.8**	**311.1**	**362.8**	**436.7**	**615.4**	**553.9**	**506.2**
Annual percent change [2]	4.6	4.1	9.8	14.9	3.8	–3.1	2.0	1.5	3.8	7.1	–5.1	–8.6
Physical assets:												
Real estate	137.2	215.8	359.7	755.9	818.9	772.5	203.0	248.6	312.5	462.6	418.9	372.8
Non-real estate:												
Livestock [3]	15.3	23.5	24.5	61.4	53.6	52.9	22.6	27.1	21.3	37.6	27.4	25.5
Machinery, motor vehicles	22.7	32.3	54.7	96.8	108.8	111.0	33.6	37.2	47.5	59.2	55.7	53.6
Crops stored [4]	7.7	10.9	23.3	33.5	36.3	42.1	11.4	12.6	20.2	20.5	18.6	20.3
Household furnishings, equipment	9.2	9.6	11.2	17.2	20.8	22.6	13.6	11.1	9.7	10.5	10.6	10.9
Financial assets:												
Deposits and currency	9.2	11.9	14.0	15.9	16.7	17.4	13.6	13.7	12.2	9.7	8.5	8.4
United States savings bonds	4.7	3.7	3.8	4.0	3.6	3.5	7.0	4.3	3.3	2.4	1.8	1.7
Investments in cooperatives	4.2	7.2	11.4	20.3	24.0	26.8	6.2	8.3	9.9	12.7	12.3	12.9
Claims	**210.2**	**314.9**	**502.6**	**1,005.5**	**1,082.8**	**1,048.8**	**311.1**	**362.8**	**436.7**	**615.4**	**553.9**	**506.2**
Liabilities	24.8	53.0	81.6	165.8	201.7	215.3	36.7	61.1	70.9	101.5	103.2	104.4
Real estate debt	12.1	29.2	44.6	85.4	105.5	109.5	17.9	33.6	38.7	52.3	54.0	52.8
Non-real estate debt to—												
Commodity Credit Corp. [5]	1.2	2.7	.3	5.1	8.0	15.4	1.8	3.1	.3	3.1	4.1	7.4
Other reporting agencies [6]	6.6	15.8	29.1	58.7	69.3	71.8	9.8	18.2	25.3	35.9	35.4	34.7
Non-reporting creditors [7]	4.9	5.3	7.5	16.6	18.8	19.5	7.2	6.1	6.5	10.2	9.6	9.4
Proprietors' equities	185.4	261.9	421.0	839.7	881.1	832.5	274.3	301.7	365.8	513.9	450.7	401.8

[1] Constant dollar figures are based on gross national product implicit price deflators for preceding year as published in the *Economic Report of the President, 1983* by Council of Economic Advisers. [2] Average change from prior year shown; for 1960, change from 1950. For explanation of annual percent change, see Guide to Tabular Presentation. [3] Beginning 1970, excludes horses and mules. [4] Includes all crops held on farms and crops held off farms by farmers as security for CCC loans. [5] *Nonrecourse CCC loans secured by crops* owned by farmers are included as assets in this balance sheet. [6] Loans of all operating banks, production credit associations, and Farmers Home Administration, and discounts of Federal intermediate credit banks for agricultural credit corporations and livestock loan companies. [7] Loans and credits extended by dealers, merchants, finance companies, individuals, and others. Estimates based on fragmentary data.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics,* annual, and unpublished data.

NO. 1158. GROSS FARM PRODUCT—SUMMARY: 1960 TO 1982

[In billions of dollars. For definition of gross product, see text, pp. 445–447. Minus sign (–) indicates decrease. See *Historical Statistics, Colonial Times to 1970,* series K 220–239, for single-year figures prior to minor revisions issued in 1981]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
CURRENT DOLLARS											
Total value of farm output [1]	**38.2**	**44.1**	**54.9**	**99.5**	**101.1**	**106.8**	**124.2**	**149.9**	**149.0**	**165.2**	**158.7**
Farm marketings cash receipts [2]	34.4	39.4	50.4	88.1	94.5	96.0	112.5	131.7	140.5	142.3	144.1
Farm products consumed [3]	1.2	.8	.8	1.3	1.3	1.2	1.2	1.3	1.1	1.1	1.1
Change in farm inventories	.3	1.0	.1	3.5	–2.0	1.1	1.1	5.7	–5.3	7.6	–1.4
Gross rental value of farm housing	2.1	2.5	3.0	5.4	6.0	7.3	8.2	9.8	11.1	12.2	12.9
Less: Intermediate products purchased	18.0	22.2	29.1	50.7	55.2	58.4	65.5	78.4	81.3	84.1	84.6
Equals: Gross farm product	**20.2**	**21.9**	**25.8**	**48.9**	**45.9**	**48.4**	**58.7**	**71.6**	**67.7**	**81.1**	**74.1**
Less: Capital consumption allowances [4]	3.7	4.2	5.9	10.1	11.1	12.6	14.2	16.3	18.9	20.7	21.9
Indirect business taxes	1.3	1.5	2.0	2.5	2.7	2.8	2.8	3.0	3.4	3.3	3.5
Plus: Subsidies to farm operators	.6	2.1	3.3	.7	.5	1.6	2.7	1.2	1.2	1.8	3.3
Equals: Income	**15.8**	**18.4**	**21.2**	**37.0**	**32.7**	**34.6**	**44.4**	**53.4**	**46.6**	**58.9**	**52.0**
CONSTANT (1972) DOLLARS											
Total value of farm output [1]	**51.9**	**56.9**	**63.1**	**65.9**	**66.7**	**69.6**	**71.2**	**74.4**	**71.9**	**76.1**	**75.3**
Farm marketings cash receipts [2]	45.4	50.2	57.6	59.8	63.7	65.4	67.0	67.9	70.6	69.2	72.7
Farm products consumed [3]	1.7	1.1	.8	1.0	1.0	.8	.7	.7	.6	.6	.8
Change in farm inventories	.3	1.2	.4	1.2	–1.9	–.3	–	2.4	–2.3	3.4	–.8
Gross rental value of farm housing	4.1	3.9	3.7	3.2	3.1	3.0	2.8	2.6	2.4	2.1	1.9
Less: Intermediate products purchased	22.7	27.1	32.0	32.3	34.6	36.5	38.6	40.3	36.9	35.5	36.4
Equals: Gross farm product	**29.2**	**29.8**	**31.1**	**33.6**	**32.1**	**33.1**	**32.6**	**34.2**	**35.0**	**40.6**	**39.0**

– Represents zero. [1] Includes other farm income not shown separately. [2] Includes net CCC loans. [3] In households where raised. [4] With capital consumption adjustment.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76,* and *Survey of Current Business,* July 1982 and 1983.

No. 1159. Farm Debt Outstanding, by Type of Lender: 1960 to 1983

[**In billions of dollars, except percent.** As of **Jan. 1.** See also *Historical Statistics, Colonial Times to 1970,* series K 361-367 and K 376-380]

LENDER	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Farm debt, total	**24.8**	**36.8**	**53.0**	**81.6**	**91.5**	**103.9**	**122.7**	**140.8**	**165.8**	**182.0**	**201.7**	**216.3**
Annual percent change [1]	7.1	8.2	7.6	9.0	12.1	13.6	18.1	14.8	17.8	9.8	10.8	7.2
Farm debt/asset ratio (percent)	11.8	15.1	16.8	16.2	15.9	15.6	16.7	16.1	16.5	16.7	18.6	20.6
Real estate debt	12.1	18.9	29.2	44.6	49.6	55.2	63.3	71.4	85.4	95.5	105.5	109.5
Federal land banks	2.3	3.7	6.7	13.4	15.9	18.5	21.4	24.6	29.6	35.9	43.6	47.2
Life insurance companies	2.8	4.3	5.7	6.3	6.7	7.4	8.8	10.5	12.2	12.9	13.1	12.8
Commercial and savings banks	1.5	2.4	3.5	6.0	6.3	6.8	7.8	8.6	8.6	8.7	8.4	8.4
Farmers Home Administration [2]	.7	1.3	2.3	3.2	3.4	3.7	4.0	4.1	7.1	7.7	8.7	9.1
Individuals and others [3]	4.8	7.2	11.0	15.8	17.3	18.9	21.3	23.6	27.9	30.2	31.8	32.0
Non-real estate debt	12.7	17.9	23.8	37.0	41.9	48.7	59.4	69.4	80.4	86.4	96.1	106.8
Commercial and savings banks	4.8	7.0	10.3	18.2	20.2	23.3	25.7	28.3	31.0	31.6	32.9	36.1
Production credit associations [4]	1.4	2.4	4.7	9.9	11.1	12.5	13.8	15.4	18.7	20.4	21.9	20.9
Farmers Home Administration	.4	.6	.8	1.0	1.8	1.9	3.1	5.8	9.0	11.8	14.5	14.8
Individuals and others [5]	4.9	6.3	5.3	7.5	8.6	10.0	12.2	14.3	16.6	17.7	18.8	19.5
Commodity Credit Corporation	1.2	1.5	2.7	.3	.4	1.0	4.5	5.7	5.1	5.0	8.0	15.4

[1] Annual change from prior year shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Includes direct and insured farm ownership, farm housing, soil and water and recreation loans secured by farm real estate. [3] Includes seller and other individual financing of farm real estate sales and unclassified credit sources. [4] Also includes Federal intermediate credit bank loans to financial groups other than production credit associations. [5] Includes merchants and dealers, individuals, Small Business Administration, and all other unclassified credit sources.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics,* annual.

No. 1160. Indicators of Financial Stress in Agriculture, 1978 to 1982, and by Farm Regions, 1978 to 1982

[***In percent.*** For years ending in **June,** except as noted. Based on a survey of approximately 1,000 bankers which reflects their perception of farm financial conditions in their lending areas.]

FINANCIAL STRESS INDICATOR	1978	1979	1980	1981	1982					
					Total	Northeast [1]	Corn Belt [2]	South [3]	Plains [4]	West [5]
Average delinquency rate [6 7]	2.9	2.9	(NA)	(NA)	3.9	3.4	4.0	4.6	3.7	5.0
Farm borrowers who had bank financing discontinued	2.2	3.8	4.5	2.9	3.3	2.8	2.8	6.4	3.3	3.3
Farm borrowers loaned-up to practical limit [7 8]	29	29	27	(NA)	32	26	27	49	32	41
Farmers in bank lending area who went out of business	(NA)	(NA)	2.1	(NA)	2.2	1.8	1.9	3.9	2.1	2.2
Farmers in bank lending area who went through bankruptcy	(NA)	(NA)	(NA)	(NA)	.75	.37	.73	1.60	.81	.47

NA Not available. [1] Maine, N.H., Vt., Mass., R.I., Conn., N.Y., N.J., Pa., Del., Md., D.C., Mich., Wis., and Minn. [2] Ohio, *Ind., Ill., Iowa,* and Mo. [3] Va., W.Va., N.C., S.C., Ga., Fla., Ky., Tenn., Ala., Miss., Ark., and La. [4] N. Dak., S. Dak., Nebr., Kans., Okla., and Tex. [5] Mont., Idaho, Wyo., Colo., N. Mex., Ariz., Utah, Nev., Wash., Oreg., Calif., Alaska, and Hawaii. [6] Percentage of dollar farm loan volume 30 days or more delinquent. [7] As of June of year shown. [8] Farm customers who have reached their maximum debt load.

Source: American Bankers Association, Washington, D.C., *Agricultural Banker,* November 1982, and prior issues.

No. 1161. Cash Sources and Uses of Funds for the Farm Sector: 1970 to 1983

[**In billions of dollars.** Excludes funds from sale of real estate to nonfarm sector. Gross farm operating expenses have been deducted from gross farm income. Changes in the definition of "farm" starting in 1977 caused a significant reduction in the level of nonfarm income of farm firms]

SOURCE AND USE	1970	1975	1976	1977	1978	1979	1980	1981	1982, prel.	1983, prel.
Total funds	**39.9**	**67.7**	**72.1**	**72.7**	**85.1**	**104.8**	**95.9**	**95.3**	**86.7**	**85.4**
Sources:										
Net cash farm and nonfarm income	37.6	57.8	60.4	57.3	69.2	78.2	79.7	78.6	78.9	77.1
Net flow of real estate loans	1.1	5.0	5.6	6.2	7.1	15.0	10.1	10.1	4.4	4.5
Net flow of non-real estate loans [1]	1.2	4.9	6.1	7.2	8.8	11.6	6.1	6.6	3.4	3.8
Uses:										
Personal consumption [2]	26.3	42.6	43.6	42.5	47.1	66.3	58.9	59.8	54.3	52.1
Purchased capital	13.6	25.1	28.5	30.2	38.0	38.5	37.0	35.5	32.4	33.4
Purchases of real estate [3]	4.1	8.8	10.8	10.4	11.3	13.2	12.4	11.5	11.3	11.7
Purchases of machinery and motor vehicles	4.9	8.7	10.0	10.6	12.7	14.3	13.0	12.6	11.6	11.7
Capital improvement to real estate assets	2.4	4.7	5.0	5.9	6.9	6.7	6.9	6.3	5.9	6.0
Other capital purchases [4]	2.2	2.9	2.7	3.3	7.1	4.3	4.7	5.1	3.6	4.0

[1] Excludes CCC loans. [2] Includes other cash uses and nonfarm investment. [3] Covers purchases from discontinuing proprietors. [4] Includes net additions to household furnishings, commercial bank deposits and currency, and purchases of breeding livestock.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Agricultural Finance Outlook,* annual.

No. 1162. Farm Income and Expenses: 1960 to 1982

[In billions of dollars, except as indicated. Minus sign (–) indicates decrease. See also *Historical Statistics, Colonial Times to 1970,* series K 192, K 259–260, K 264–285, and K 326]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Gross income from farming	**38.9**	**46.5**	**58.8**	**98.3**	**100.6**	**102.9**	**108.7**	**127.2**	**150.4**	**150.1**	**167.1**	**162.2**
Marketings, cash receipts	34.2	39.4	50.5	92.4	88.9	95.4	96.2	112.9	131.8	140.5	142.3	144.5
Crops	15.3	17.5	21.0	51.1	45.8	49.0	48.6	53.7	63.2	72.7	73.1	74.3
Livestock	19.0	21.9	29.5	41.3	43.1	46.3	47.6	59.2	68.6	67.8	69.2	70.2
Government payments	.7	2.5	3.7	.5	.8	.7	1.8	3.0	1.4	1.3	1.9	3.5
Value of home consumption	1.2	.8	.8	1.2	1.1	1.2	1.2	1.2	1.3	1.1	1.1	1.1
Rental value of dwellings	2.1	2.5	3.3	4.9	5.4	6.1	7.3	8.1	9.4	11.0	12.1	12.8
Other farm income	.2	.4	.6	.8	1.0	1.0	1.2	1.2	1.6	1.6	2.0	2.1
Value of change in inventories	.4	1.0	(Z)	–1.6	3.4	–1.5	1.1	.8	4.9	–5.3	7.6	–1.9
Expenses of farm production	**27.4**	**33.7**	**44.5**	**71.0**	**75.0**	**82.7**	**88.9**	**99.5**	**118.1**	**128.6**	**137.0**	**140.1**
Operating expenses [1]	16.7	20.1	26.8	44.3	45.6	50.8	54.1	61.6	74.6	80.6	85.1	85.1
Feed purchased	4.6	5.7	8.0	14.5	12.9	14.4	14.0	14.5	17.7	18.5	18.6	17.4
Livestock purchased	2.5	2.9	4.3	5.1	5.0	5.9	7.1	10.2	12.6	10.4	9.0	9.7
Seed purchased [2]	.5	.7	.9	1.9	2.1	2.4	2.5	2.6	3.0	3.4	3.9	4.0
Fertilizer and lime	1.3	2.0	2.4	6.1	6.7	6.5	6.5	6.6	7.5	9.9	10.1	9.0
Repairs and maintenance [3]	4.0	3.9	4.5	6.7	7.8	9.1	10.1	11.2	13.6	15.9	17.2	17.1
Miscellaneous [4]	3.8	4.9	6.6	10.0	11.1	12.5	13.9	16.5	20.2	22.5	26.3	27.9
Depreciation [5]	4.3	5.1	6.9	10.5	12.4	13.8	15.5	17.0	19.2	21.4	23.4	23.6
Taxes on farm property	1.5	1.9	2.6	3.1	3.2	3.5	3.7	3.6	3.9	3.9	4.3	4.5
Interest, farm mortgage debt	.6	1.1	1.8	2.8	3.3	3.8	4.3	5.1	6.2	7.5	9.1	10.5
Wages paid hired farm labor	3.1	3.6	4.3	6.1	6.6	7.5	8.0	8.3	9.5	10.3	10.2	12.1
Net rent to nonoperator landlords	1.1	1.9	2.1	4.1	4.0	3.5	3.4	4.0	4.8	4.8	4.9	4.3
Net income of farm operators from farming	**11.5**	**12.9**	**14.4**	**27.3**	**25.6**	**20.1**	**19.8**	**27.7**	**32.3**	**21.5**	**30.1**	**22.1**
In constant (1967) dollars	13.0	13.7	12.4	18.5	15.9	11.8	10.9	14.2	14.8	8.7	11.0	7.6
Avg. income per farm [6] (dol.)	2,907	3,843	4,877	9,771	10,137	8,062	8,070	11,351	13,272	8,857	12,349	9,188
In constant (1967) dollars	3,277	4,067	4,193	6,615	6,288	4,728	4,446	5,809	6,105	3,589	4,533	3,178

Z Less than $50 million. [1] Excluding hired labor. [2] Includes bulbs, plants, and trees. [3] Includes expenditures for repairs and maintenance of farm buildings, petroleum fuel and oil, other motor-vehicle operations, and repairs on other machinery. [4] Includes interest on non-real estate debt, pesticides, ginning, electricity and telephones (business share), livestock marketing charges, containers, milk hauling, irrigation, grazing, binding materials, tolls for sirup, horses and mules, harness and saddlery, miscellaneous hardware (incl. blacksmithing), veterinary services and medicines, net insurance premiums (crop, fire, wind, and hail), machine hire and custom work, miscellaneous livestock and poultry, small hand tools, dairy supplies, nursery and greenhouse, apiary, and other miscellaneous. [5] Includes other consumption of farm capital. [6] 1960–1974 based on 1969 census farm definition; beginning 1975, based on 1974 census definition. See text, p. 647.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics,* annual.

No. 1163. Personal Income of the Farm Population: 1965 to 1982

[In billions of dollars, except as indicated. Through 1974 based on 1969 census farm definition; beginning 1975 based on 1974 census definition. See text, p. 647. See *Historical Statistics, Colonial Times to 1970,* series K 256–258 and K 261–263, for data prior to revisions]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Net income of farm operators [1]	**12.9**	**14.4**	**34.4**	**27.3**	**25.6**	**20.1**	**19.8**	**27.7**	**32.3**	**21.5**	**30.1**	**22.1**
Less: Net income of nonresident operators	2.0	2.3	6.2	5.1	4.9	3.9	3.9	5.6	6.5	4.4	6.1	4.5
Plus: Wages, salaries, and other labor income of workers [2]	1.3	1.3	1.4	1.6	1.7	1.6	2.1	2.2	2.2	1.9	1.9	2.2
Less: Contributions of operators and workers to social insurance [2]	.2	.4	.7	.7	.7	.7	.7	.8	1.0	1.0	1.2	1.3
Equals: Personal income of farm population from farm sources	12.0	12.9	28.9	23.1	21.6	17.1	17.2	23.5	27.0	18.1	24.6	18.5
Plus: Personal income of farm population from nonfarm sources	10.6	14.5	19.7	22.0	18.9	19.4	20.5	24.5	26.6	28.6	29.9	30.4
Equals: Personal income of farm population	22.6	27.5	48.6	45.1	40.5	36.5	37.8	47.5	53.1	46.7	54.5	48.9
Per capita personal income:												
From all sources (dol.)	1,828	2,828	5,136	4,873	5,014	4,852	6,095	7,312	8,512	7,714	9,419	8,704
From farm sources (dol.)	968	1,333	3,054	2,495	2,678	2,273	2,781	3,551	4,250	2,985	4,253	3,297
From nonfarm sources (dol.)	860	1,495	2,082	2,378	2,336	2,579	3,314	3,761	4,262	4,729	5,166	5,407
Per capita disposable personal income:												
Of farm population (dol.)	1,606	2,421	4,401	4,162	4,342	4,168	5,199	6,222	7,201	6,511	7,912	7,355
Of nonfarm population (dol.)	2,505	3,439	4,311	4,691	5,103	5,525	5,989	6,634	7,336	8,073	8,934	9,430
Percent farm of nonfarm	65.6	70.4	102.1	88.7	85.1	75.4	86.8	93.8	98.2	80.7	88.6	78.0

[1] Income from farming; includes government payments. [2] Farm residents only.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics,* annual.

NO. 1164. GOVERNMENT PAYMENTS TO FARMS BY PROGRAM, AND BY VALUE OF FARM SALES: 1970 TO 1982

[See also *Historical Statistics, Colonial Times to 1970,* series K 326-329]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982
Total [1]	**Mil. dol**	**3,717**	**807**	**734**	**1,819**	**3,030**	**1,375**	**1,286**	**1,932**	**3,492**
Feed grain	Mil. dol	1,504	279	196	187	1,172	494	382	243	713
Wheat	Mil. dol	871	77	135	887	963	114	211	625	652
Cotton	Mil. dol	919	138	108	89	127	185	172	222	800
Conservation	Mil. dol	208	181	195	197	194	179	198	186	165
Sugar Act	Mil. dol	88	61	-	65	-	-	-	-	-
Wool	Mil. dol	49	-	-	-	-	-	-	35	46
Payments to farms with sales of: [2]										
Less than $2,500	Mil. dol	355	37	26	55	63	22	18	27	46
$2,500-$4,999	Mil. dol	227	36	27	53	65	27	25	37	65
$5,000-$9,999	Mil. dol	400	54	43	96	136	57	52	77	138
$10,000-$19,999	Mil. dol	671	82	60	126	159	64	56	83	147
$20,000-$39,999	Mil. dol	826	140	117	279	397	157	138	205	360
$40,000-$99,999	Mil. dol	708	230	231	618	1,059	466	431	646	1,161
$100,000-$199,999	Mil. dol	266	105	113	305	601	298	288	436	798
$200,000-$499,999	Mil. dol	140	64	69	184	377	195	191	289	533
$500,000 and over	Mil. dol	124	57	48	103	173	89	87	132	244
Avg. payment per farm [2]	**Dollar**	**1,260**	**320**	**294**	**741**	**1,244**	**566**	**530**	**794**	**1,455**
Farms with sales of—										
Less than $2,500	Dollar	251	46	34	74	96	39	35	52	93
$2,500-$4,999	Dollar	631	123	86	172	205	84	75	111	199
$5,000-$9,999	Dollar	1,074	174	137	311	430	175	156	232	416
$10,000-$19,999	Dollar	1,855	260	195	415	599	219	196	291	522
$20,000-$39,999	Dollar	2,734	*445*	*380*	*923*	1,360	553	494	735	1,317
$40,000-$99,999	Dollar	4,305	*729*	*712*	1,914	3,053	1,243	1,109	1,650	2,958
$100,000-$199,999	Dollar	7,331	1,091	1,051	2,800	4,439	1,806	1,612	2,399	4,300
$200,000-$499,999	Dollar	10,555	1,665	*1,559*	4,043	6,299	2,564	2,288	3,404	6,102
$500,000 and over	Dollar	29,795	*5,193*	3,807	7,944	10,051	4,091	3,651	5,432	9,737

- Represents zero. [1] Data by type of program include cropland adjustment and miscellaneous programs, not shown separately. [2] 1970 based on 1969 census definition; beginning 1975 based on 1974 census definition.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics,* annual.

NO. 1165. FARM INCOME—CASH RECEIPTS FROM FARM MARKETINGS: 1970 TO 1982

[Represents gross receipts from commercial market sales as well as net Commodity Credit Corporation loans. See also *Historical Statistics, Colonial Times to 1970,* series K 286-302]

ITEM	TOTAL MARKET SALES (mil. dol.)								PERCENT			
	1970	1975	1977	1978	1979	1980	1981	1982	1970	1975	1980	1982
Farm marketings	**50,509**	**88,902**	**96,235**	**112,870**	**131,768**	**140,473**	**142,265**	**144,525**	**100.0**	**100.0**	**100.0**	**100.0**
All crops	20,977	45,813	48,600	53,708	63,174	72,677	73,063	74,326	41.5	51.5	51.7	51.4
Cotton lint, seed	1,254	2,311	3,470	3,465	4,305	4,478	4,515	4,884	2.5	2.6	3.2	3.4
Tobacco	1,388	2,155	2,331	2,604	2,271	2,674	3,250	3,342	2.7	2.4	1.9	2.3
Food grains	2,542	8,195	6,055	5,839	9,047	10,386	11,616	11,516	5.0	9.2	7.4	8.0
Wheat	2,067	7,026	5,077	4,689	7,823	8,637	9,847	9,777	4.1	7.9	6.3	6.8
Oilbearing crops	3,591	7,480	9,722	13,023	14,326	15,497	13,868	13,826	7.1	8.4	11.0	9.6
Soybeans	3,164	6,637	8,689	11,822	12,964	14,246	12,256	12,434	6.3	7.5	10.2	8.6
Feed crops	5,109	12,183	11,906	11,427	14,042	16,318	17,147	18,226	10.1	13.7	13.0	12.6
Corn	3,326	8,530	8,629	8,246	10,283	13,966	12,790	13,428	6.6	9.6	9.9	9.3
Vegetables [1]	2,814	5,346	5,609	5,941	6,454	7,295	8,451	8,088	5.6	6.0	5.2	5.5
Fruits, tree nuts [1]	2,071	3,563	4,603	5,764	6,436	6,493	6,609	6,644	4.1	4.0	4.6	4.6
Other [2]	2,208	4,579	4,904	5,645	6,293	7,538	7,607	7,801	4.4	5.2	5.4	5.4
All livestock and products	29,532	43,089	47,635	59,162	68,594	67,795	69,201	70,199	58.5	48.5	48.3	48.6
Hogs	4,478	7,916	7,281	8,754	9,027	8,921	9,785	10,623	8.9	8.9	6.4	6.9
Cattle and calves	13,633	17,520	20,225	28,248	34,400	31,464	29,579	29,693	27.0	19.7	22.4	21.0
Sheep and lambs	334	386	386	453	474	470	416	447	.7	.4	.3	.3
Wool	57	54	77	76	91	93	104	72	.1	.1	.1	.1
Dairy products	6,527	9,923	11,752	12,724	14,650	16,587	16,128	16,354	12.9	11.2	11.8	12.8
Eggs	2,109	2,814	2,919	2,939	3,328	3,247	3,649	3,436	4.1	3.2	2.3	2.3
Broilers and farm chickens	1,564	3,063	3,235	3,845	4,189	4,493	4,779	4,600	3.1	3.4	3.2	3.2
Turkeys, other poultry [3]	494	809	1,059	1,326	1,408	1,478	1,523	1,506	1.0	1.1	1.1	1.1
Other [4]	336	604	702	797	1,027	1,102	1,239	1,268	.7	.5	.7	.9

[1] Melons included with vegetables. [2] Sugar crops, greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broom-corn, popcorn, hemp fiber and seed, and flax fiber. [3] Ducks, geese, guineas, pigeons, quail, pheasants, and turkey hatching eggs. [4] Mohair, honey, beeswax, bees, goats, rabbits, and fur animals.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics,* annual.

No. 1166. Farm Income—Farm Marketings, 1975 to 1982, and Principal Commodities in Order of Marketing Receipts, 1982, by States

[In millions of dollars. Cattle include calves; sheep include lambs; and greenhouse includes nursery. See table 1162]

STATE	Farm marketings			1982, prel.				State rank for total farm marketings and principal commodities in order of marketing receipts, 1982
				Farm marketings				
	1975	1980	1981	Total	Crops	Livestock and products	Government payments	
U.S.	**88,902**	**140,473**	**142,265**	**144,525**	**74,326**	**70,199**	**3,491.9**	**Cattle, dairy products, corn, soybeans**
N.E	**1,117**	**1,535**	**1,617**	**1,603**	**564**	**1,039**	**5.7**	
Maine	367	438	467	408	159	249	2.2	41—Dairy prod., potatoes, eggs, cattle.
N.H	74	95	98	104	29	75	.7	48—Dairy prod., eggs, cattle, greenhouse.
Vt	231	378	390	408	34	374	1.6	42—Dairy prod., cattle, forest prod., apples.
Mass	204	306	330	341	206	135	.6	44—Greenhouse, dairy prod., cranberries, eggs.
R.I	27	33	34	33	19	14	.1	49—Greenhouse, dairy prod., eggs, potatoes.
Conn	214	285	298	309	117	192	.5	45—Dairy prod., eggs, greenhouse, tobacco.
M.A	**3,488**	**5,565**	**6,080**	**6,095**	**1,936**	**4,159**	**22.3**	
N.Y	1,562	2,488	2,672	2,588	721	1,867	13.8	23—Dairy prod., cattle, greenhouse, corn.
N.J	326	438	500	516	390	126	1.1	39—Greenhouse, dairy prod., tomatoes, soybeans.
Pa	1,600	2,639	2,908	2,991	825	2,166	7.4	19—Dairy prod., cattle, eggs, mushrooms.
E.N.C	**15,037**	**24,368**	**23,147**	**23,804**	**12,839**	**10,966**	**305.0**	
Ohio	2,551	4,215	3,363	3,674	2,123	1,551	42.4	12—Soybeans, corn, dairy prod., hogs.
Ind	2,945	4,716	4,239	4,586	2,823	1,763	57.5	9—Corn, soybeans, hogs, cattle.
Ill	5,213	7,973	7,512	7,434	5,062	2,373	118.2	4—Corn, soybeans, hogs, cattle.
Mich	1,657	2,749	2,788	2,863	1,688	1,175	40.4	21—Dairy prod., cattle, corn, soybeans.
Wis	2,671	4,715	5,245	5,247	1,143	4,104	46.5	8—Dairy prod., cattle, corn, hogs.
W.N.C	**24,211**	**38,755**	**38,545**	**38,882**	**17,478**	**21,406**	**1,329.3**	
Minn	3,865	6,597	6,508	6,672	3,132	3,541	182.9	6—Dairy prod., cattle, corn, soybeans.
Iowa	6,525	10,488	10,567	10,343	4,330	6,013	215.9	2—Hogs, cattle, corn, soybeans.
Mo	2,657	4,150	4,179	3,674	1,618	2,056	79.8	13—Cattle, soybeans, hogs, dairy prod.
N. Dak	1,940	2,609	2,561	2,710	2,106	605	200.2	22—Wheat, cattle, sunflowers, barley.
S. Dak	1,993	2,722	2,718	2,587	952	1,636	92.7	24—Cattle, wheat, hogs, dairy prod.
Nebr	3,860	6,465	6,440	7,087	2,855	4,231	277.5	5—Cattle, corn, hogs, soybeans.
Kans	3,371	5,724	5,572	5,809	2,485	3,324	280.3	7—Cattle, wheat, sorghum grain, corn.
S.A	**10,150**	**14,380**	**16,103**	**16,068**	**9,300**	**6,767**	**83.6**	
Del	267	339	391	405	117	287	.7	43—Broilers, soybeans, corn, dairy prod.
Md	682	928	1,059	1,055	340	715	2.6	35—Broilers, dairy prod., corn, soybeans.
Va	983	1,443	1,638	1,680	674	1,005	7.4	31—Cattle, dairy prod., tobacco, broilers.
W. Va	138	219	215	225	55	170	2.5	47—Cattle, dairy prod., broilers, turkeys.
N.C	2,626	3,593	4,151	4,112	2,520	1,593	16.4	11—Tobacco, broilers, hogs, soybeans.
S.C	809	1,106	1,126	1,156	761	395	17.2	34—Tobacco, soybeans, dairy prod., cattle.
Ga	2,141	2,729	3,267	3,210	1,550	1,660	29.3	15—Broilers, peanuts, soybeans, eggs.
Fla	2,504	4,023	4,256	4,225	3,283	942	7.5	10—Oranges, greenhouse, cane for sugar, dairy prod.
E.S.C	**5,213**	**8,819**	**9,290**	**9,719**	**5,399**	**4,318**	**176.3**	
Ky	1,439	2,751	2,820	2,903	1,630	1,273	12.9	20—Tobacco, horses/mules, cattle, soybeans.
Tenn	1,116	1,902	2,012	2,113	1,227	885	28.1	27—Soybeans, dairy prod., tobacco, cattle.
Ala	1,340	1,930	2,247	2,272	1,054	1,217	31.4	26—Broilers, cattle, soybeans eggs.
Miss	1,318	2,236	2,211	2,431	1,488	943	103.9	25—Cotton, soybeans, broilers, cattle.
W.S.C	**11,043**	**17,003**	**17,782**	**18,072**	**8,417**	**9,654**	**973.7**	
Ark	2,126	3,076	3,408	3,417	1,791	1,626	119.3	14—Broilers, rice, soybeans, cattle.
La	1,131	1,630	1,728	1,844	1,337	506	83.1	29—Soybeans, cotton, rice, cattle.
Okla	1,876	3,187	2,869	3,131	1,040	2,091	127.7	16—Cattle, oats, dairy prod., cotton.
Tex	5,910	9,110	9,777	9,680	4,249	5,431	643.6	3—Cattle, cotton, wheat, sorghum grain.
Mt	**6,866**	**11,057**	**10,513**	**10,664**	**4,885**	**5,780**	**352.8**	
Mont	1,060	1,405	1,412	1,633	980	653	116.9	33—Wheat, cattle, barley, sugar beets.
Idaho	1,280	2,075	2,170	2,102	1,288	814	51.6	28—Cattle, wheat, potatoes, dairy prod.
Wyo	376	665	602	530	116	415	10.5	38—Cattle, wheat, sugar beets, sheep.
Colo	1,929	3,234	2,934	3,004	993	2,011	68.8	18—Cattle, wheat, corn, dairy prod.
N. Mex	726	1,200	899	960	333	627	32.0	36—Cattle, dairy prod., hay, wheat.
Ariz	1,038	1,714	1,725	1,657	975	682	59.4	32—Cotton, cattle, dairy prod., lettuce.
Utah	326	517	557	542	130	412	9.2	37—Dairy prod., cattle, hay, wheat.
Nev	131	247	214	236	70	166	4.4	46—Cattle, hay, dairy prod., potatoes.
Pac	**11,777**	**18,991**	**19,188**	**19,618**	**13,508**	**6,110**	**243.2**	
Wash	1,867	2,668	2,842	3,023	2,030	993	77.0	17—Wheat, cattle, dairy prod., apples.
Oreg	1,046	1,667	1,790	1,775	1,123	652	30.6	30—Cattle, wheat, dairy prod., greenhouse.
Calif	8,474	14,002	14,048	14,320	9,939	4,381	134.5	1—Dairy prod., cattle, grapes, cotton.
Alaska	10	12	14	16	10	6	.4	50—Greenhouse, dairy prod., potatoes, hay.
Hawaii	380	642	494	484	406	78	.7	40—Cane for sugar, pineapples, greenhouse, macadamia nuts.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: State Income and Balance Sheet Statistics,* annual.

No. 1167. Farm Income—Gross and Net Farm Income and Debt/Asset Ratio, by States: 1975 to 1982

[Farm income data are before inventory adjustment. Includes farm households. Minus sign (—) indicates net loss]

Division and State	Gross farm income (mil. dol.)				Net farm income (mil. dol.)				Debt/asset ratio [1] (percent)			
	1975	1980	1981	1982	1975	1980	1981	1982	1975	1980	1981	1982
U.S	**97,199**	**155,481**	**159,422**	**164,007**	**22,155**	**26,842**	**22,422**	**23,903**	**16.2**	**16.5**	**16.7**	**16.6**
N.E	**1,246.9**	**1,756.6**	**1,855.6**	**1,843.4**	**223.2**	**213.5**	**236.2**	**182.1**	(NA)	(NA)	(NA)	(NA)
Maine	392.0	480.9	514.4	453.8	66.0	7.1	37.6	−32.5	22.3	23.0	23.2	24.4
N.H	87.7	117.3	121.0	127.7	14.7	4.5	2.2	3.8	13.2	11.4	11.5	11.8
Vt	260.7	421.3	439.1	454.4	50.1	81.5	68.4	76.5	17.6	15.4	15.3	16.6
Mass	235.0	364.0	388.9	401.8	40.2	64.4	71.0	74.4	11.8	15.2	15.1	16.8
R.I	30.9	40.0	42.1	41.6	9.1	3.4	2.7	1.2	9.7	8.7	8.9	9.3
Conn	240.6	333.3	350.1	364.1	43.1	52.6	56.3	58.7	13.2	13.4	13.5	14.4
M.A	**3,987.3**	**6,332.0**	**6,893.6**	**6,939.8**	**575.9**	**767.2**	**876.4**	**800.6**	(NA)	(NA)	(NA)	(NA)
N.Y	1,765.7	2,731.7	2,938.5	2,876.0	205.3	282.2	272.0	147.7	17.1	21.6	22.8	23.0
N.J	384.6	560.0	627.4	653.2	67.1	83.0	115.0	106.1	11.2	10.6	11.6	11.8
Pa	1,837.0	3,040.3	3,327.7	3,410.6	303.6	402.0	489.4	546.8	11.9	12.9	14.1	16.2
E.N.C	**16,680.2**	**27,229.0**	**26,331.6**	**27,149.7**	**3,452.8**	**5,284.5**	**3,020.5**	**3,446.9**	(NA)	(NA)	(NA)	(NA)
Ohio	2,864.8	4,792.0	3,976.2	4,274.2	548.8	1,017.5	151.8	373.1	12.7	12.2	13.1	16.2
Ind	3,288.5	5,328.5	4,929.2	5,291.3	721.9	1,004.0	443.0	716.9	15.9	15.8	16.2	19.7
Ill	5,670.2	8,684.8	8,288.6	8,288.7	981.9	1,671.5	781.5	731.6	12.5	12.3	12.9	15.4
Mich	1,881.3	3,149.2	3,259.9	3,374.4	455.9	506.6	394.8	420.9	15.9	17.7	17.7	20.3
Wis	2,975.4	5,274.5	5,877.7	5,921.1	744.3	1,084.9	1,249.4	1,204.4	18.3	18.7	18.8	21.6
W.N.C	**26,104.2**	**42,307.3**	**42,709.7**	**43,696.1**	**5,634.4**	**6,280.1**	**4,915.3**	**5,175.9**	(NA)	(NA)	(NA)	(NA)
Minn	4,215.1	7,229.1	7,242.7	7,525.0	1,009.0	1,490.3	1,043.1	1,185.7	17.3	19.1	18.1	20.8
Iowa	6,959.2	11,316.8	11,519.0	11,456.6	1,154.2	1,373.6	1,486.6	1,400.0	16.7	16.8	16.9	19.6
Mo	3,000.2	4,774.9	4,873.0	4,959.0	628.0	737.1	524.7	93.7	15.4	15.1	15.6	18.2
N. Dak	2,081.8	2,927.1	2,908.1	3,142.2	590.0	714.4	287.4	364.7	12.2	16.4	17.3	19.0
S. Dak	2,127.0	2,973.1	3,014.6	2,896.3	722.1	568.3	459.5	256.8	17.7	22.2	22.2	24.9
Nebr	4,099.7	6,868.6	6,915.0	7,749.1	915.7	660.1	271.6	1,013.7	18.4	20.1	20.1	22.8
Kans	3,621.2	6,217.7	6,237.3	6,567.9	615.4	716.3	842.4	861.3	16.0	17.7	18.1	20.1
S.A	**11,175.0**	**16,179.2**	**18,016.6**	**18,017.4**	**3,293.2**	**2,823.2**	**3,583.4**	**3,412.2**	(NA)	(NA)	(NA)	(NA)
Del	279.1	360.9	416.2	428.5	89.7	51.2	83.5	94.1	14.5	16.7	17.6	20.5
Md	768.2	1,102.2	1,264.5	1,260.9	202.3	159.7	216.6	222.7	12.5	11.6	11.4	13.0
Va	1,162.9	1,744.0	1,967.7	2,019.7	237.5	135.0	202.1	184.7	11.6	12.9	13.6	15.0
W. Va	190.2	313.5	319.6	348.9	16.1	−21.0	−39.6	−29.3	9.7	8.5	8.7	8.4
N.C	2,908.3	4,056.9	4,643.0	4,601.2	988.8	832.7	1,081.4	994.0	14.5	16.9	17.8	20.6
S.C	899.2	1,249.0	1,276.8	1,314.2	197.7	119.3	67.5	107.5	15.6	17.8	19.3	22.4
Ga	2,328.8	3,046.3	3,598.2	3,526.2	539.6	185.8	484.9	493.9	19.6	21.9	23.8	27.7
Fla	2,636.3	4,306.4	4,530.6	4,517.6	1,011.5	1,360.5	1,487.0	1,344.6	15.9	15.8	15.4	18.3
E.S.C	**6,000.3**	**10,226.4**	**10,874.1**	**11,466.9**	**1,242.4**	**2,054.9**	**1,789.0**	**2,223.4**	(NA)	(NA)	(NA)	(NA)
Ky	1,671.4	3,162.2	3,260.9	3,375.8	399.5	905.4	754.8	773.1	13.0	17.4	18.4	19.8
Tenn	1,341.7	2,340.9	2,490.4	2,609.8	224.2	356.5	323.8	408.7	15.9	15.6	16.1	17.6
Ala	1,507.8	2,233.5	2,598.2	2,641.3	363.6	355.3	522.5	582.1	15.4	15.4	15.6	17.3
Miss	1,479.4	2,489.8	2,524.6	2,840.0	255.1	437.7	187.9	459.5	18.1	18.5	17.9	22.0
W.S.C	**12,105.2**	**18,963.8**	**20,155.7**	**21,183.9**	**2,754.0**	**2,512.4**	**2,336.4**	**3,000.9**	(NA)	(NA)	(NA)	(NA)
Ark	2,288.7	3,402.5	3,777.4	3,904.5	681.6	554.0	669.0	862.5	18.3	16.3	16.4	17.6
La	1,243.7	1,864.1	2,000.6	2,204.9	362.2	201.8	186.2	386.1	15.5	15.0	14.6	17.2
Okla	2,075.4	3,576.0	3,394.2	3,712.6	393.1	607.2	285.9	581.7	17.1	16.4	17.1	18.4
Tex	6,497.4	10,121.2	10,983.5	11,361.9	1,317.1	1,149.4	1,195.3	1,170.6	14.3	13.2	13.2	12.9
Mt	**7,436.5**	**12,199.7**	**11,848.2**	**12,235.2**	**1,540.3**	**1,395.5**	**920.1**	**967.5**	(NA)	(NA)	(NA)	(NA)
Mont	1,159.7	1,615.1	1,659.3	1,929.8	243.0	67.4	−65.2	66.1	17.7	17.7	18.5	19.7
Idaho	1,390.8	2,279.9	2,415.7	2,388.5	310.3	333.1	351.9	254.5	20.1	20.3	20.4	22.3
Wyo	421.8	739.3	688.4	622.5	48.2	51.3	−25.0	−81.5	17.6	15.4	15.4	15.9
Colo	2,055.9	3,457.6	3,203.7	3,316.1	467.7	326.2	306.6	305.6	21.4	22.4	21.4	23.3
N. Mex	793.3	1,334.5	1,065.0	1,147.8	197.1	271.3	37.7	106.4	15.5	11.3	11.1	11.5
Ariz	1,103.8	1,855.3	1,876.2	1,872.2	201.1	251.9	251.9	252.2	15.7	12.9	13.3	14.1
Utah	369.4	635.3	685.2	679.0	55.9	53.4	50.5	33.7	14.2	11.0	11.1	11.8
Nev	143.8	282.7	254.7	279.3	17.0	40.9	11.7	30.5	15.6	12.3	12.9	13.4
Pac	**12,461.4**	**20,286.3**	**20,736.7**	**21,474.3**	**3,439.2**	**5,510.2**	**4,743.1**	**4,694.3**	(NA)	(NA)	(NA)	(NA)
Wash	2,017.3	2,973.1	3,215.6	3,457.7	757.7	789.1	720.9	878.9	18.0	18.5	17.5	19.2
Oreg	1,180.1	1,947.8	2,111.2	2,125.4	304.6	390.9	424.6	372.6	19.5	19.8	20.4	22.6
Calif	8,848.7	14,687.7	14,875.9	15,363.6	2,249.6	4,091.8	3,502.3	3,384.3	22.6	20.9	19.4	20.4
Alaska	10.7	14.8	17.8	20.3	3.6	1.1	2.1	.2	11.5	9.4	17.4	23.6
Hawaii	404.6	662.9	516.2	507.3	123.7	237.3	93.2	58.3	7.6	7.5	8.0	9.1

NA Not available. [1] As of January 1.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: State Income and Balance Sheet Statistics*, annual.

NO. 1168. INDEXES OF PRICES RECEIVED AND PAID BY FARMERS: 1960 TO 1982

[1977=100, except as noted. See also *Historical Statistics, Colonial Times to 1970*, series K 344-353]

ITEM	1960	1965	1970	1973	1974	1975	1976	1978	1979	1980	1981	1982, prel.
Prices received, all products	52	54	60	98	105	101	102	115	132	134	139	133
Crops	51	53	52	91	117	105	102	105	116	125	134	121
Livestock and products	53	54	67	104	94	98	101	124	147	144	143	145
Prices paid, total [1]	44	47	55	71	81	89	95	108	123	138	150	156
Production	46	48	54	73	83	91	97	108	125	138	148	149
Interest payable per acre	13	22	38	54	65	76	87	117	143	174	211	233
Taxes payable per acre	37	46	68	77	81	87	94	100	107	117	123	131
Wage rates [2]	33	38	57	69	79	85	93	107	118	127	137	141
Parity ratio (1910-14=100) [3]	80	76	72	91	86	76	71	70	71	65	62	58

[1] Includes production items, interest, taxes, wage rates, and a family living component. The family living component is the Consumer Price Index for all urban consumers from the Bureau of Labor Statistics. See text, pp. 483 and 484, and table 809. [2] Straight average of seasonally adjusted indexes. [3] Ratio of prices received by farmers to prices paid.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Agricultural Prices: Annual Summary.*

NO. 1169. INCOME PER FARM OPERATOR FAMILY, 1975 TO 1982, AND BY VALUE OF SALES, 1982

[In dollars. Net income data are before inventory adjustment and include farm households. Minus sign (-) indicates loss. See also footnote 1, table 1170]

YEAR	Total	Off-farm	Net farm	VALUE OF SALES	Total	Off-farm	Net farm
1975	18,266	9,481	8,787	**1982 total**	**26,386**	**16,428**	**9,959**
1976	19,365	10,685	8,681	Less than $2,500	20,292	20,758	-465
1977	18,267	10,635	7,631	$2,500-$4,999	18,330	19,328	-998
1978	23,207	12,194	11,015	$5,000-$9,999	18,265	19,146	-881
1979	25,751	14,513	11,237	$10,000-$19,999	16,479	17,206	-728
1980	26,568	15,511	11,056	$20,000-$39,999	13,391	12,887	504
1981	25,595	16,383	9,212	$40,000-$99,999	16,155	10,615	5,539
1982	26,386	16,428	9,959	$100,000-$199,999	30,861	11,074	19,786
				$200,000-$499,999	67,180	13,720	53,461
				$500,000 and over	597,929	26,831	571,097

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics,* annual.

NO. 1170. FARMS, FARM INCOME, AND ASSETS, BY VALUE OF SALES: 1981 AND 1982

[Minus sign (-) indicates loss]

FARMS WITH VALUE OF SALES OF—	Number of farms [1] (1,000)	Gross income [2] (bil. dol.)	Cash receipts [3] (bil. dol.)	Net income [2] (bil. dol.)	Assets [4] (bil. dol.)	Debt to asset ratio (percent)	PERCENT DISTRIBUTION: Number of farms [1]	Gross income [2]	Net income [2]	Assets [4]
1981: Less than $2,500	522	3.4	.8	-.3	60.0	9.2	21.4	2.1	-1.4	5.5
$2,500-$4,999	331	2.9	1.4	-.4	46.0	9.4	13.6	1.8	-1.7	4.2
$5,000-$9,999	334	4.2	2.7	-.4	59.7	10.3	13.7	2.7	-1.7	5.5
$10,000-$19,999	286	6.6	4.7	-.3	73.7	11.8	11.8	3.8	-1.3	6.8
$20,000-$39,999	279	10.4	9.1	(Z)	111.9	12.4	11.5	6.5	-.2	10.3
$40,000-$99,999	391	30.5	28.2	1.7	263.7	15.3	16.1	19.2	7.5	24.2
$100,000-$199,999	182	29.3	27.9	3.3	209.3	17.4	7.4	18.4	14.8	19.2
$200,000-$499,999	85	28.4	27.5	4.5	158.2	20.9	3.5	17.8	20.0	14.5
$500,000 and over	24	44.2	43.9	14.3	107.3	31.5	1.0	27.7	64.0	9.8
1982: Less than $2,500	496	3.4	.7	-.2	56.7	10.2	20.7	2.1	-1.0	5.2
$2,500-$4,999	328	2.9	1.4	-.3	45.3	10.4	13.7	1.8	-1.4	4.2
$5,000-$9,999	331	4.4	2.8	-.3	58.8	11.4	13.8	2.6	-1.2	5.4
$10,000-$19,999	281	6.0	4.7	-.2	71.6	13.2	11.7	3.7	-.9	6.6
$20,000-$39,999	273	10.5	9.1	(Z)	108.4	13.9	11.4	6.4	.6	10.0
$40,000-$99,999	393	31.3	28.8	2.2	261.4	17.2	16.4	19.1	9.1	24.2
$100,000-$199,999	186	30.4	28.9	3.7	211.3	19.4	7.7	18.5	15.4	19.5
$200,000-$499,999	87	29.5	28.5	4.7	160.6	23.1	3.6	18.0	19.5	14.8
$500,000 and over	25	45.6	45.2	14.3	109.1	33.7	1.0	27.8	59.9	10.1

Z Less than $50 million. [1] Based on 1974 census definition. See text, pp. 647 and 648. [2] Data are before inventory adjustment. For components of income, see table 1162. [3] Includes government payments and other farm income. [4] Data as of January 1. Includes farm households.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics,* annual.

No. 1171. Farm Income and Expenses by Selected Characteristics of Farm: 1979

[See headnote, table 1150]

Characteristic of farm	Amount (mil. dol.)						Percent distribution			
	Value of agricultural products sold	Rent [1]	Value of contractor's share [2]	Operating expenses	Net cash farm income [3]	Off-farm income	Value of agricultural products sold	Operating expenses	Net cash farm income [3]	Off-farm income
Total [4]	**122,751**	**10,896**	**9,978**	**77,273**	**27,228**	**32,754**	**100.0**	**100.0**	**100.0**	**100.0**
Full owners	46,325	1	7,123	28,703	11,748	22,080	37.7	37.1	43.1	67.4
Part owners	60,034	7,114	2,270	39,058	12,695	7,892	48.9	50.5	46.6	24.1
Tenants	16,392	3,781	585	9,512	2,785	2,782	13.4	12.3	10.2	8.5
Individual or family	74,606	7,590	5,593	45,684	17,593	29,075	60.8	59.1	64.6	88.8
Partnership	19,426	2,166	802	12,276	4,627	2,628	15.8	15.9	17.0	8.0
Corporations	28,106	1,103	3,551	18,906	4,860	960	22.9	24.5	17.8	2.9
Under 50 acres	10,641	189	2,306	6,179	2,252	11,419	8.7	8.0	8.3	34.9
50–179 acres	18,827	750	3,121	11,168	4,252	10,970	15.3	14.5	15.6	33.5
180–499 acres	33,876	3,457	2,491	20,530	8,020	6,145	27.6	26.6	29.5	18.8
500–999 acres	22,624	2,974	948	14,026	5,082	1,938	18.4	18.2	18.7	5.9
1,000 acres or more	36,783	3,526	1,112	25,370	7,622	2,281	30.0	32.8	28.0	7.0

[1] Covers cash rent paid plus landlords' share of the value of agricultural products sold. [2] Value of contractor's share of production contracts. Represents total market value of products produced under contract minus the amount paid to the producer. [3] Includes net farm related income.
[4] Includes other types of organization, not shown separately.

No. 1172. Capital Purchases and Operating Expenses by Farm Characteristics: 1979

[Covers purchases and expenses of farm operators only. See headnote, table 1150]

Characteristic of farm	Total			Capital purchases			Operating expenses		
	Total (mil. dol.)	Percent paid in cash	Percent financed	Total (mil. dol.)	Percent paid in cash	Percent financed	Total (mil. dol.)	Percent paid in cash	Percent financed
Total	**107,506**	**69.9**	**30.1**	**30,233**	**47.6**	**52.4**	**77,273**	**78.6**	**21.4**
Full owners	39,319	76.7	23.3	10,617	55.1	44.9	28,703	84.7	15.3
Part owners	55,943	65.1	34.9	16,885	42.3	57.7	39,058	74.9	25.1
Tenants	12,243	69.9	30.1	2,732	51.5	48.5	9,512	75.2	24.8
Individual or family	68,197	68.2	31.8	22,514	47.0	53.0	45,684	78.6	21.4
Partnership	16,764	70.0	30.0	4,488	46.8	53.2	12,276	78.5	21.5
Corporations	22,060	74.6	25.4	3,154	52.7	47.3	18,906	78.2	21.8
Other	485	87.8	12.2	77	64.9	35.1	408	92.2	7.8
Under 50 acres	8,410	80.3	19.7	2,231	53.9	46.1	6,179	89.9	10.1
50–179 acres	16,430	74.0	26.0	5,262	49.1	50.9	11,168	85.8	14.2
180–499 acres	29,008	72.6	27.4	8,478	48.7	51.3	20,530	82.5	17.5
500–999 acres	19,673	67.3	32.7	5,647	46.5	53.5	14,026	75.7	24.3
1,000 acres or more	33,985	64.4	35.6	8,615	44.8	55.2	25,370	71.1	28.9

Source of tables 1171 and 1172: U.S. Bureau of the Census, *1978 Census of Agriculture, vol. 5, Special Reports, part 6, 1979 Farm Finance Survey.*

No. 1173. Commodity Credit Corporation—Volume of Price-Support Commodities Owned and Outstanding Under Loan: 1975 to 1982

[As of **December 31.** For explanation of program, see headnote, table 1174]

Commodity	Unit	Commodities owned					Commodities outstanding under loan				
		1975	1979	1980	1981	1982	1975	1979	1980	1981	1982
Dairy products:											
Butter and butter oil	Mil. lb	3	177	331	449	503	(X)	(X)	(X)	(X)	(X)
Cheese	Mil. lb	5	5	244	644	945	(X)	(X)	(X)	(X)	(X)
Nonfat dry milk	Mil. lb	442	529	707	944	1,377	(X)	(X)	(X)	(X)	(X)
Rice	Mil. cwt	(Z)	8.1	1.7	(Z)	17.6	8.9	20.2	20.5	16.3	53.7
Wheat	Mil. bu	(Z)	50	203	191	185	32	373	366	660	1,121
Corn	Mil. bu	(Z)	100	254	248	429	110	801	966	1,234	2,400
Sorghum grain	Mil. bu	(X)	45	44	38	47	6	83	24	181	402
Soybeans	Mil. bu	(X)	(Z)	(Z)	(Z)	14	(Z)	73	72	161	358
Cotton	1,000 bales	(Z)	(Z)	(Z)	(Z)	(Z)	333	710	851	1,485	5,623
Tobacco	Mil. lb	(X)	(X)	(X)	(X)	(X)	335	686	678	596	809

X Not applicable. Z Less than 50,000 or 500,000 units.

Source: U.S. Agricultural Stabilization and Conservation Service, *Commodity Credit Corporation Report of Financial Condition and Operations,* annual. Also in *Agricultural Statistics,* annual.

No. 1174. Commodity Credit Corporation—Summary: 1960 to 1982

[**In millions of dollars.** Through **1976,** as of or for years ending **June 30;** beginning **1977,** as of or for years ending **Sept. 30.** The Commodity Credit Corporation (CCC) is a wholly government-owned corporation established by Congress in 1933. Its purpose is stabilizing, supporting, and protecting farm income and prices; assisting in maintenance of balanced adequate supplies of agricultural commodities; and facilitating orderly distribution of agricultural commodities. See also *Historical Statistics, Colonial Times to 1970,* series K 330-343]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Loans made	1,507	2,144	2,388	1,256	852	1,131	3,621	6,385	4,576	4,228	5,849	11,454
Loans outstanding [1]	1,347	2,534	2,952	720	335	637	3,245	5,030	5,210	5,119	5,193	11,633
Wheat	163	136	576	10	4	24	1,814	1,318	816	837	1,871	3,321
Corn	646	616	632	115	39	61	239	1,280	1,301	1,617	629	4,210
Cotton	9	775	170	34	143	24	13	153	80	35	76	714
Tobacco	417	826	845	250	119	353	652	751	903	815	764	867
Storage facilities, equipment [2]	45	40	164	271	199	157	236	799	1,324	1,470	1,403	1,210
Cost of acquisitions [1 3 4]	4,020	2,005	1,518	402	835	657	997	911	1,007	2,759	2,507	2,968
Wheat	371	169	217	130	4	14	72	135	40	601	28	27
Corn	361	140	49	6	2	5	2	31	195	416	21	179
Cotton	2,507	952	304	(z)	(z)	(z)	(z)	(z)	(z)	1	(z)	(z)
Dairy products	223	325	253	55	480	115	721	445	247	1,262	1,991	2,282
Wheat flour and products	79	124	109	177	123	80	89	112	149	124	161	117
Vegetable oil products	-	16	28	67	44	(z)	24	50	117	136	161	89
Commodities owned [1 3]	6,021	3,892	1,858	114	416	659	985	1,029	1,162	2,737	3,727	5,103
Wheat	2,452	1,297	405	26	2	(z)	23	119	118	705	679	679
Corn	1,700	595	293	11	(z)	1	(z)	27	209	596	555	709
Cotton	880	1,123	225	-	(z)	-	(z)	(z)	(z)	1	1	2
Dairy products	107	137	134	25	290	259	703	751	570	1,266	2,396	3,442
Sorghum	731	648	173	2	(z)	(z)	(z)	28	92	93	79	91
Sales and donations, cost [3]	3,234	2,458	902	766	530	457	640	895	901	1,216	1,537	1,617
Other expenses [3]	529	393	289	34	34	35	49	62	100	224	291	322

- Represents zero. Z Less than $500,000. [1] Includes amounts for commodities not shown separately. [2] Loans for purchase, construction, erection or installation of storage and drying equipment. [3] Data comparable for 1960-1970; price support commodities only. Thereafter, includes Commodity Export and Special Activities programs. [4] Value of commodities purchased and acquired as collateral from loans.

Source: U.S. Agricultural Stabilization and Conservation Service, *Commodity Credit Corporation Report of Financial Condition and Operations,* annual.

No. 1175. Farmer Marketing and Farm Supply Cooperatives—Summary: 1960 to 1981

[**1960-1977,** for **fiscal years** of cooperatives ending between **July 1** of preceding year and **June 30** of year shown. Beginning **1978,** reports of cooperatives are for the **calendar year.** Memberships and business are estimated. Comprises independent local associations, federations, large-scale centralized associations, and sales agencies. See also *Historical Statistics, Colonial Times to 1970,* series K 195-203]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981, prel.
Cooperatives listed	**9,345**	**8,583**	**7,790**	**7,645**	**7,535**	**6,736**	**6,600**	**6,445**	**6,293**	**6,211**
Marketing [1]	6,048	5,498	5,015	4,916	4,804	4,143	4,050	3,938	3,924	3,855
Farm supply	3,297	3,085	2,775	2,729	2,731	2,593	2,550	2,507	2,369	2,356
Memberships [2] (1,000)	**7,273**	**7,082**	**6,355**	**6,123**	**5,906**	**5,758**	**5,695**	**5,627**	**5,379**	**5,335**
Marketing [1] (1,000)	3,673	3,831	3,133	3,151	2,850	2,692	2,632	2,567	2,574	2,479
Farm supply (1,000)	3,600	3,251	3,222	2,972	3,056	3,066	3,063	3,060	2,804	2,856
Business [3] (mil. dol.)	**12,036**	**14,742**	**19,080**	**41,342**	**40,104**	**43,584**	**47,305**	**56,268**	**66,254**	**71,534**
Marketing [1] (mil. dol.)	9,628	11,832	15,207	32,682	30,692	33,027	36,253	42,747	50,120	54,475
Farm supply (mil. dol.)	2,408	2,910	3,873	8,660	9,412	10,557	11,052	13,521	16,134	17,059

SELECTED PRODUCTS OR SUPPLIES	COOPERATIVES HANDLING					BUSINESS [3] (mil. dol.)					
	1965	1970	1979	1980	1981, prel.	1965	1970	1975	1979	1980	1981, prel.
Products marketed:											
Grain, soybeans	2,596	2,539	2,488	2,434	2,410	2,465	3,006	12,744	14,948	17,790	19,777
Dairy products	1,346	971	495	487	470	3,770	5,126	8,376	11,592	13,666	15,052
Fruits and vegetables	592	499	405	400	388	1,232	1,776	2,730	3,925	4,209	4,496
Livestock and livestock products	479	546	449	449	435	1,433	2,154	2,614	5,141	5,637	5,196
Sugar products	67	66	46	45	41	530	634	2,065	1,209	1,712	1,925
Cotton and cotton products	581	554	473	470	480	830	434	935	1,436	1,860	2,099
Supplies purchased:											
Feed	4,363	4,214	3,796	3,613	3,603	1,035	1,279	2,587	3,189	3,544	3,531
Fertilizer	4,409	4,294	3,972	3,802	3,789	507	657	1,913	2,755	3,454	3,676
Petroleum products	2,773	2,774	3,062	2,921	2,911	643	864	1,675	3,827	5,069	5,646
Farm chemicals	3,329	3,721	3,877	3,697	3,684	82	165	502	948	1,048	1,275
Seed	3,962	4,007	3,805	3,620	3,607	121	142	337	456	495	575

[1] Includes cooperatives whose major activity is providing services related to marketing and farm-supply activities. [2] Excludes nonvoting patrons. [3] Value of commodities sold or purchased for patrons. Business dollar volume for marketing includes service receipts for charges related to marketing and purchasing. Represents net volume after eliminating intercooperative business.

Source: U.S. Dept. of Agriculture, Agricultural Cooperative Service, *Farmer Cooperative Statistics,* annual.

No. 1176. Food Manufacturing Industry—Summary: 1970 to 1982

[Covers manufacturers of food and kindred products (Standard Industrial Classification Code 20); based on various editions of the Standard Industrial Classification Manual, see text, p. 402]

ITEM	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total employees [1]	1,000	1,786	1,707	1,658	1,689	1,711	1,724	1,733	1,708	1,671	1,638
Production workers	1,000	1,207	1,164	1,120	1,145	1,161	1,174	1,191	1,175	1,150	1,127
Avg. hourly earnings, prod. workers	Dollars	3.16	4.19	4.61	4.98	5.37	5.80	6.27	6.85	7.44	7.89
Salaries and wages	Bil. dol	11.7	14.8	15.9	17.3	18.5	20.3	21.7	23.2	24.7	(NA)
Supplemental labor cost [2]	Bil. dol	(NA)	(NA)	2.6	3.0	3.6	4.1	4.5	4.9	5.4	(NA)
Value added by manufacture [3]	Bil. dol	32.3	44.9	48.1	52.8	56.1	62.9	68.7	75.5	80.8	(NA)
Cost of materials	Bil. dol	66.5	118.3	123.8	128.6	137.0	154.0	168.0	181.4	191.6	(NA)
Value of shipments [4]	Bil. dol	98.5	162.1	172.2	180.9	192.9	216.1	236.0	256.2	272.1	(NA)
Total assets	Bil. dol	23.8	30.1	33.0	35.1	38.4	41.7	44.6	48.6	48.8	(NA)
Capital expenditures, new [5]	Bil. dol	2.1	3.0	3.4	3.8	4.2	4.8	5.0	5.8	6.0	(NA)
Funds for research and development [6]	Mil. dol	230	298	335	355	415	472	528	620	719	(NA)
Corporate profits before taxes [7]	Bil. dol	4.8	7.9	8.8	9.7	9.2	10.2	11.5	13.0	14.3	13.3
Corporate profits after taxes [7]	Bil. dol	2.6	4.6	5.2	5.8	5.6	6.2	7.3	8.2	9.1	8.4
Ratio of profits to stockholders' equity	Percent	10.8	13.8	14.4	14.9	13.3	13.8	14.7	14.7	14.0	13.0
Profits per dollar of sales [8]	Cents	2.5	2.9	3.2	3.5	3.1	3.2	3.3	3.4	3.2	3.1

NA Not available. [1] See headnote, table 713. Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly. [2] *Employers' expenses for legally required labor supplements (e.g., Social Security) and for voluntary programs (e.g., pension funds).* [3] See footnote 6, table 1366. [4] See footnote 7, table 1366. [5] *Includes expenditures for plants in operation and plants under construction but not yet in operation.* [6] Source: U.S. National Science Foundation, *Research and Development in Industry*, annual. [7] Source: Through 1981, U.S. Federal Trade Commission, thereafter U.S. Bureau of the Census, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.* Data are not necessarily comparable from year to year due to changes in accounting procedures, industry classifications, sampling procedures, etc.; for detail, see source. [8] After tax profit rates are averages of quarterly figures at annual rates.

Source: *Except as noted, U.S. Bureau of the Census, Census of Manufactures, 1977, General Summary;* and *Annual Survey of Manufactures.*

No. 1177. U.S. Total Food and Alcoholic Beverage Expenditures, by Type of Use and Seller: 1960 to 1982

[Covers all food and alcohol purchased by civilians and military, including businesses and institutions. Based on sales of food by different types of seller. Data are primarily based on current sales figures from the *Monthly Retail Trade Report* of the U.S. Bureau of the Census. For further detail, see source]

TYPE OF USE AND SELLER	EXPENDITURES (bil. dol.)								PERCENT			
	1960	1970	1975	1978	1979	1980	1981	1982 [1]	1960	1970	1980	1982 [1]
Total food expenditures	**73.7**	**116.9**	**187.7**	**243.7**	**274.5**	**303.0**	**328.0**	**347.7**	**100.0**	**100.0**	**100.0**	**100.0**
Food for off-premise use	54.1	77.5	120.8	150.3	168.6	187.2	202.0	210.6	73.4	66.3	61.6	60.6
Sales, total	49.4	73.4	114.8	143.8	161.6	179.7	193.8	202.1	67.0	62.8	59.1	58.1
Food stores [2]	42.1	65.5	104.2	131.1	147.8	164.6	177.7	185.4	57.1	56.0	54.2	53.3
Other stores [3]	2.5	3.8	6.4	8.5	9.4	10.3	11.3	11.7	3.4	3.3	3.4	3.4
Farmers, manufacturers, wholesalers	1.6	1.8	2.2	2.6	3.0	3.3	3.6	3.8	2.2	1.5	1.1	1.1
Home delivered [4]	3.2	2.4	2.0	1.6	1.5	1.4	1.3	1.2	4.3	2.1	.4	.3
Home production, *donations*	4.7	4.1	6.0	6.5	7.0	7.5	8.1	8.5	6.4	3.5	2.5	2.4
Meals and snacks	19.6	39.4	66.9	93.4	105.9	115.8	126.0	137.0	26.6	33.7	38.4	39.4
Eating and drinking places [5]	10.5	22.6	40.5	59.1	67.6	73.9	80.7	89.0	14.2	19.3	24.6	25.6
Schools and colleges [6]	2.1	4.5	7.1	9.0	9.9	11.0	11.7	12.5	2.8	3.8	3.6	3.6
Retail stores, direct *selling* [7]	1.7	3.3	5.1	6.4	7.0	7.5	8.1	8.6	2.3	2.8	2.5	2.4
Hotels and motels [5]	1.0	1.9	3.2	4.8	5.6	6.0	6.8	7.2	1.4	1.6	2.1	2.1
Recreational places [8]	.4	.7	1.4	2.0	2.3	2.6	2.8	3.0	.5	.6	.9	.9
Other	3.8	6.5	9.8	12.2	13.5	14.8	15.9	16.9	5.2	5.6	4.8	4.9
Total alcoholic beverage sales	**12.9**	**22.0**	**32.0**	**40.6**	**45.8**	**51.2**	**55.2**	**57.3**	**100.0**	**100.0**	**100.0**	**100.0**
Off-premise use	7.2	12.9	19.4	24.0	27.0	30.4	32.7	33.8	55.8	58.6	59.4	59.0
Liquor stores	4.1	7.7	11.1	13.0	14.7	16.5	17.6	18.0	31.8	35.0	32.2	31.4
Food stores	2.4	4.2	6.7	8.8	9.9	11.3	12.2	12.9	18.6	19.1	22.1	22.5
Other	.7	1.1	1.6	2.1	2.4	2.6	2.9	3.0	5.4	5.0	5.1	5.2
On-premise use	5.7	9.1	12.7	16.6	18.9	20.7	22.5	23.4	44.2	41.4	40.4	40.8
Eating and drinking places [5]	5.0	7.7	10.4	13.3	15.1	16.7	18.0	18.7	38.8	35.0	32.6	32.6
Hotels and motels [5]	.4	.8	1.3	2.0	2.3	2.5	2.8	3.1	3.1	3.6	4.9	5.4
Other	.3	.7	1.0	1.3	1.4	1.5	1.6	1.7	2.3	3.2	2.9	3.0

[1] *Preliminary.* [2] *Excludes sales to restaurants and institutions.* [3] Includes eating and drinking establishments and trailer parks. [4] Includes mail order. [5] Includes tips. [6] Includes school food subsidies. [7] Includes vending machine operators. [8] Motion picture theaters, sports arenas, camps, golf and country clubs, etc.

Source: U.S. Dept. of Agriculture, Economic Research Service, Food Consumption, Prices, and Expenditures (Statistical Bulletin 694), November 1982, and unpublished data.

No. 1178. Civilian Consumer Expenditures for Farm Foods—Farm Value and Marketing Bill: 1960 to 1982

[**In billions of dollars, except percent.** Excludes imported and nonfarm foods, such as coffee and seafood, as well as food consumed by the military, or exported. See *Historical Statistics, Colonial Times to 1970,* series K 358-360 for data before revisions]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Consumer expenditures, total	**66.9**	**81.1**	**110.6**	**167.0**	**183.3**	**190.9**	**216.9**	**244.9**	**264.9**	**288.4**	**299.1**
Farm value, total	22.3	27.1	35.5	55.6	58.3	58.2	69.6	78.9	81.5	83.3	83.3
Marketing bill, total [1]	44.6	54.0	75.1	111.4	125.0	132.7	147.3	166.1	183.4	205.2	215.8
Percent of total consumer expenditures	66.7	66.6	67.9	66.7	68.2	69.5	67.9	67.8	69.2	71.2	72.1
At-home expenditures [2]	50.0	60.5	78.0	116.2	127.2	130.8	149.2	169.1	180.6	194.7	197.0
Farm value	18.7	22.6	29.1	44.0	47.8	47.3	56.5	64.2	66.0	67.0	66.5
Marketing bill [1]	31.3	37.9	48.9	72.2	79.4	83.5	92.7	104.9	114.6	127.7	130.5
Percent of at-home expenditures	62.6	62.6	62.8	62.1	62.4	63.8	62.1	62.0	63.5	65.6	66.2
Away-from-home expenditures	16.9	20.6	32.6	50.8	56.1	60.1	67.7	75.8	84.3	93.7	102.1
Farm value	3.7	4.5	6.4	11.6	10.5	10.9	13.1	14.7	15.5	16.3	16.8
Marketing bill [1]	13.2	16.1	26.2	39.2	45.6	49.2	54.6	61.1	68.8	77.5	85.3
Percent of away-from-home expenditures	78.1	78.2	80.5	77.2	81.3	81.9	80.6	80.6	81.6	82.7	83.5
Marketing bill cost components:											
Labor cost [3]	19.7	23.3	32.2	48.3	53.8	58.3	66.1	75.1	81.7	91.2	96.7
Packaging materials	5.4	6.2	8.2	13.3	14.5	15.1	16.6	18.6	21.1	22.9	23.2
Rail and truck transport [4]	4.1	4.2	5.2	8.4	9.1	9.7	10.5	11.8	13.0	14.3	14.7
Corporate profits before taxes	2.1	3.0	3.6	7.1	7.6	7.9	9.2	9.9	11.0	12.0	13.1
Fuels and electricity	13.3	17.3	2.2	4.6	5.0	5.6	6.3	8.0	9.9	11.8	12.4
Other [5]			23.7	29.7	35.0	36.1	38.6	42.7	46.7	53.0	55.7
Processing	15.1	16.8	29.7	40.9	47.1	51.3	56.7	64.5	70.0	76.4	77.5
Wholesaling	5.5	6.6	8.7	13.5	14.5	15.0	17.1	19.0	20.9	24.6	25.9
Transportation	4.1	4.3	5.2	8.4	9.1	9.7	10.5	11.8	13.0	14.3	14.7
Retailing	19.9	26.3	31.5	48.6	54.3	56.7	63.0	70.8	79.5	90.5	97.7
SELECTED FOOD COMMODITY GROUPS											
Beef: Total expenditures	10.0	13.0	19.9	28.6	34.3	35.8	42.9	48.3	49.8	52.4	52.0
Farm value	5.0	6.2	9.5	12.8	14.1	14.2	19.1	22.2	21.8	21.3	20.0
Percent of total	50.0	47.7	47.4	44.8	41.1	39.7	44.5	46.0	43.8	40.6	38.5
Marketing bill [1]	5.0	6.8	10.4	15.8	20.2	21.6	23.8	26.1	28.0	31.1	32.0
Pork: Total expenditures	7.2	8.0	12.4	16.8	19.0	20.1	23.3	27.9	29.0	31.3	32.5
Farm value	2.7	3.5	4.3	7.3	7.2	6.7	8.1	8.3	8.2	9.1	9.7
Percent of total	37.5	43.8	34.7	43.3	37.9	33.3	34.8	29.7	28.3	29.1	29.8
Marketing bill [1]	4.5	4.5	8.1	9.5	11.8	13.4	15.2	19.6	20.8	22.2	22.7
Poultry and eggs:											
Total expenditures	5.2	6.2	9.1	12.7	14.1	14.0	15.2	17.5	18.4	20.0	20.4
Farm value	2.9	3.1	4.0	6.3	6.7	6.6	7.4	8.1	8.4	8.8	8.5
Percent of total	55.9	49.5	44.0	49.6	47.5	46.4	48.7	46.3	45.7	44.0	41.7
Marketing bill [1]	2.3	3.1	5.1	6.4	7.4	7.4	7.8	9.4	10.0	11.2	11.9
Fluid milk and cream:											
Total expenditures	7.0	7.4	8.9	11.4	12.6	12.8	13.4	14.9	16.1	17.1	17.3
Farm value	2.8	3.0	3.9	5.3	5.8	5.8	6.2	7.2	7.6	7.7	8.0
Percent of total	39.4	40.5	43.8	46.5	46.0	45.3	46.3	48.3	47.2	45.0	46.2
Marketing bill [1]	4.3	4.4	5.0	6.1	6.8	7.0	7.2	7.7	8.5	9.4	9.3
Other dairy products:											
Total expenditures	5.0	5.6	7.8	12.0	14.1	15.0	16.8	18.6	21.7	24.4	26.5
Farm value	1.9	2.1	3.0	4.7	5.5	5.7	6.5	7.4	8.4	9.3	9.4
Percent of total	38.0	37.5	38.5	39.2	39.0	38.9	38.7	39.8	38.7	38.1	35.5
Marketing bill [1]	3.1	3.5	4.8	7.3	8.6	9.3	10.3	11.2	13.3	15.1	17.1
Fresh fruit, vegetables:											
Total expenditures	7.5	8.7	11.0	15.4	16.6	18.5	22.1	25.0	25.9	28.4	29.9
Farm value	2.3	2.7	3.1	5.0	5.0	5.0	5.8	6.2	7.1	8.1	7.9
Percent of total	30.7	31.0	28.2	32.7	30.1	27.0	26.2	24.8	27.4	28.5	26.4
Marketing bill [1]	5.2	6.0	7.9	10.4	11.6	13.5	16.3	18.8	18.8	20.3	22.0
Processed fruits and vegetables:											
Total expenditures	7.3	9.1	11.6	18.2	20.3	21.8	23.3	26.2	27.9	32.0	33.9
Farm value	1.2	1.8	2.0	3.5	3.8	3.6	4.2	4.6	4.6	5.3	5.9
Percent of total	16.4	19.8	17.2	19.2	18.7	16.5	18.0	17.6	16.5	13.4	17.4
Marketing bill [1]	6.0	7.3	9.6	14.7	16.5	18.2	19.1	21.6	23.3	26.7	28.0
Bakery, grain mill products:											
Total expenditures	9.9	11.2	13.6	24.2	25.3	24.4	27.6	31.5	35.3	38.1	39.6
Farm value	1.4	1.9	2.0	4.2	3.6	3.2	3.8	4.9	5.1	4.9	4.8
Percent of total	14.5	16.7	14.7	17.4	14.2	13.1	13.8	15.6	14.4	12.9	12.1
Marketing bill [1]	8.0	9.4	11.6	20.0	21.7	21.2	23.7	26.6	30.2	33.2	34.8

[1] The difference between civilian expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. [2] Food primarily purchased from retail food stores for use at home. [3] Covers employee wages and salaries, and their health and welfare benefits. Also includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration. [4] Excludes local hauling. [5] Represents advertising, rents, depreciation, interest on borrowed capital, taxes other than income, and other costs.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Developments in Farm to Retail Price Spreads for Food Products in 1982,* AER No. 500, May 1983; *Agricultural Outlook,* periodic; and *Agricultural Statistics,* annual.

NO. 1179. SELECTED INDEXES OF FARM INPUTS: 1950 TO 1982

[1977 = 100. Inputs based on physical quantities of resources used in production. See also *Historical Statistics, Colonial Times to 1970,* series K 486-495 for data before revisions]

INPUT	1950	1955	1960	1965	1970	1975	1978	1979	1980	1981	1982[1]
Total	101	102	98	96	97	96	102	105	103	102	100
Farm labor	310	264	207	156	126	107	95	93	92	90	86
Farm real estate[2]	108	107	103	102	104	97	100	100	101	101	102
Mechanical power and machinery	72	83	83	80	85	96	104	107	104	103	99
Agricultural chemicals[3]	19	26	32	49	75	83	107	118	120	121	111
Feed, seed, and livestock purchases[4]	58	66	77	86	96	93	104	111	108	104	105
Taxes and interest	83	89	95	101	102	100	99	103	100	100	101
Miscellaneous	63	68	77	85	89	82	105	117	99	111	123

[1] Preliminary. [2] Includes service buildings, improvements. [3] Includes fertilizer, lime, and pesticides. [4] Includes nonfarm portion.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Production and Efficiency Statistics,* annual. Also in U.S. Council of Economic Advisors, *Economic Report of the President,* annual.

NO. 1180. FARM MACHINERY AND EQUIPMENT: 1960 TO 1982

[See also *Historical Statistics, Colonial Times to 1970,* series K 184-191]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Value of farm implements and machinery[1]	Bil. dol.	22.7	24.8	32.3	44.2	54.7	64.0	71.0	77.0	85.1	96.8	108.8	111.0
Number on farms, Jan. 1:[2]													
Tractors[3]	1,000	4,688	4,787	4,619	4,493	4,469	4,434	4,402	5,050	4,989	4,080	4,740	4,655
Horsepower	Mil.	153	176	203	219	222	228	232	264	266	269	275	275
Motortrucks	1,000	2,834	3,030	2,984	3,023	3,032	3,043	3,044	3,450	3,555	3,734	3,972	4,050
Grain combines	1,000	1,042	910	790	698	524	527	535	660	664	669	671	674
Corn pickers[4]	1,000	792	690	635	618	615	610	605	695	694	690	687	685
Pickup balers	1,000	680	751	708	674	667	641	615	770	769	766	761	758
Field forage harvesters	1,000	291	316	304	295	255	263	270	302	301	301	300	298
Farmers' expenditures:													
Motor vehicles[5]	Mil. dol.	1,344	1,940	2,030	3,405	3,833	4,604	4,927	5,580	6,284	5,813	5,652	4,784
Machinery, equipment	Mil. dol.	1,458	2,239	2,888	4,790	4,820	5,393	5,535	7,158	8,002	6,956	6,481	5,247
Retail sales:[6]													
Tractors, total[7]	1,000	(NA)	162.5	135.5	179.8	161.1	153.2	130.9	139.6	139.0	119.3	103.8	77.1
2-wheel drive	1,000	(NA)	162.5	135.5	165.5	150.5	142.7	123.2	130.9	127.5	108.4	94.1	70.4
4-wheel drive	1,000	(NA)	(NA)	(NA)	8.3	10.6	10.5	7.7	8.7	11.5	10.9	9.7	6.7
Combines	1,000	(NA)	37.6	26.7	31.6	33.1	32.5	28.8	31.5	32.3	25.7	26.8	16.2
Corn heads	1,000	(NA)	22.9	18.5	25.1	25.4	25.4	20.7	21.2	22.4	17.2	15.7	9.3
Field forage harvesters	1,000	(NA)	(NA)	15.0	16.1	13.1	13.3	13.2	11.5	12.5	9.5	7.6	5.1

NA Not available. [1] Farm inventory valuations at beginning of year. Includes family automobiles. [2] 1978 data are not directly comparable with totals for 1974 or earlier agriculture census years; see text, p. 647. For all non-census years, data are estimated using prior census as reference point. [3] Excludes garden tractors. [4] Includes picker-shellers. [5] For farm business use. [6] Source: Farm and Industrial Equipment Institute, Chicago, Illinois, unpublished data. [7] Beginning 1977, covers tractors over 40 hp. only.

Source: Except as noted, U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics,* annual. Also in *Agricultural Statistics,* annual.

NO. 1181. COMMERCIAL FERTILIZERS CONSUMED: 1960 TO 1982

[**In millions of tons, except percent.** For years ending June 30. Includes Puerto Rico. Percent nutrient content excludes secondary and micronutrients. See *Historical Statistics, Colonial Times to 1970,* series K 193, for related but not comparable data]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
All fertilizers	24.9	31.8	39.6	47.1	42.5	49.2	51.6	47.5	51.5	52.8	54.0	48.7
Percent: Nitrogen	11.7	15.3	19.5	20.4	21.2	22.2	21.7	21.8	21.7	22.6	23.0	23.6
Phosphoric oxide	10.9	11.6	11.9	11.3	11.1	11.2	11.5	11.2	11.4	10.8	10.5	10.3
Potash	9.2	9.4	10.5	11.3	11.0	11.1	11.9	12.1	12.7	12.4	12.2	12.0
Mixed fertilizers	15.7	18.6	21.0	24.1	20.6	23.0	24.0	22.1	23.7	23.3	23.5	20.8
Percent: Nitrogen	6.5	7.8	9.3	10.1	10.2	10.5	10.6	10.7	10.8	10.8	11.0	11.2
Phosphoric oxide	13.0	15.2	17.7	17.7	18.0	19.3	19.9	19.6	20.1	19.6	20.1	20.4
Potash	12.1	12.4	12.7	12.7	12.5	12.5	12.8	12.8	12.8	13.1	12.8	12.4
Primary nutrient materials	7.9	11.8	17.3	20.9	20.0	23.9	25.0	23.5	25.6	27.2	28.2	26.2
Secondary and micronutrients	1.4	1.5	1.3	2.1	1.9	2.3	2.5	1.9	2.1	2.3	2.2	1.8

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Commercial Fertilizers, Consumption in the United States,* annual. Also in *Agricultural Statistics,* annual.

No. 1182. Hired Farmworkers—Workers and Earnings: 1970 to 1981

[Represents persons 14 years old and over in the civilian noninstitutional population who did hired farmwork at any time during the year. Based on Current Population Survey; see text, p. 2 and Appendix III. For composition of regions, see fig. I, inside front cover. For definition of median, see Guide to Tabular Presentation]

Characteristic	Workers (1,000)									Median earnings per day			
				1981									
					Duration of farmwork								
	1970	1975	1979	Total	Under 25 days	25–74 days	75–149 days	150–249 days	250 days and over	1970	1975	1979	1981
All workers	**2,488**	**2,638**	**2,652**	**2,492**	**969**	**538**	**310**	**281**	**394**	**$9.30**	**$14.80**	**$20.99**	**$23.83**
White [1]	1,940	1,907	1,976	1,824	781	409	196	150	285	9.70	14.75	20.24	21.79
Black and other [1]	547	446	355	340	119	73	40	61	48	8.00	13.90	22.85	23.92
Hispanic	(NA)	285	320	328	69	57	72	70	61	(NA)	17.10	27.13	29.46
Male	1,889	2,036	2,075	1,918	658	390	247	254	369	9.75	15.45	21.88	24.64
Female	599	602	576	574	312	149	63	26	24	7.65	12.35	19.95	20.44
Region:													
Northeast	241	227	188	204	63	50	24	22	44	9.95	14.00	16.63	20.13
North Central	590	674	785	688	345	136	86	48	74	9.20	14.45	20.01	23.68
South	1,093	1,074	1,071	1,004	398	221	110	120	155	8.35	14.10	20.33	20.76
West	564	664	607	595	163	132	90	90	121	11.75	18.00	25.27	29.90
Migratory	196	188	217	115	24	37	12	28	15	(NA)	(NA)	(NA)	(NA)
Nonmigratory	2,291	2,450	2,435	2,377	945	501	299	253	379	(NA)	(NA)	(NA)	(NA)
14–17 years old	819	835	707	605	332	187	49	25	10	(NA)	10.35	16.63	17.03
18–24 years old	539	733	802	760	279	191	106	79	106	(NA)	17.75	23.16	24.83
25–34 years old	322	393	456	498	168	90	67	71	111	(NA)	21.95	23.17	27.48
35–44 years old	254	219	281	236	59	29	34	31	83	(NA)	21.70	24.34	27.30
45–54 years old	247	193	163	180	52	27	20	31	49	(NA)	19.40	25.69	24.49
55–64 years old	173	144	128	104	24	9	16	32	22	(NA)	19.60	20.25	25.44
65 years and over	133	120	114	108	55	14	18	10	11	(NA)	11.70	19.84	24.76

NA Not available. [1] Beginning 1975, excludes persons of Hispanic origin. 1970 data not comparable with later years.
Source: U.S. Dept. of Agriculture, Economic Research Service, *The Hired Farm Working Force,* periodic.

No. 1183. Farm Productivity—Labor-Hours and Indexes of Farm Output per Hour: 1950 to 1982

[See also *Historical Statistics, Colonial Times to 1970,* series K 407–413, K 430–444, and W 67–81]

Item	1950	1955	1960	1965	1970	1974	1975	1976	1978	1979	1980	1981	1982, prel.
Hours of labor required on farms [1] (bil.)	**15.1**	**12.8**	**9.8**	**7.3**	**5.9**	**5.2**	**5.0**	**4.8**	**4.4**	**4.3**	**4.3**	**4.2**	**4.0**
All productive livestock (bil.)	5.5	4.9	3.8	3.0	2.3	1.8	1.7	1.6	1.4	1.3	1.3	1.2	1.1
All crops [2] (bil.)	6.9	6.0	4.6	3.4	2.8	2.7	2.6	2.6	2.4	2.4	2.4	2.4	2.4
Farm maintenance [3] (bil.)	2.7	1.9	1.4	.9	.8	.7	.7	.6	.6	.6	.6	.6	.5
INDEX (1977=100)													
Farm output per hour	**19**	**26**	**37**	**52**	**66**	**79**	**89**	**94**	**109**	**119**	**112**	**131**	**136**
All livestock and products	19	24	32	45	64	82	85	93	109	118	129	138	147
Meat animals	32	35	40	51	67	84	87	94	108	117	127	136	138
Milk cows	16	19	27	39	57	75	81	91	109	122	135	148	167
Poultry	10	15	25	40	55	76	81	92	112	124	134	149	161
All crops	22	28	41	56	70	80	89	91	105	118	104	120	126
Feed grains	13	17	33	52	62	75	90	95	111	125	107	132	137
Hay and forage	28	32	43	60	74	87	94	90	109	115	109	120	129
Food grains	31	39	73	79	93	89	101	98	104	115	116	127	130
Vegetables	44	54	69	79	91	97	93	100	104	109	113	117	118
Fruits and nuts	54	60	61	76	84	96	97	101	103	104	112	108	114
Sugar crops	25	35	52	58	79	82	97	100	103	103	104	111	109
Cotton	6	9	13	23	31	47	57	70	100	132	103	145	149
Tobacco	35	40	46	51	79	98	97	101	109	99	104	117	121
Oil crops	29	38	52	59	72	76	88	84	98	110	89	110	116
Cropland used for crops [4]	**100**	**100**	**94**	**89**	**88**	**96**	**97**	**98**	**97**	**100**	**102**	**103**	**103**
Crop production per acre	59	63	77	85	88	88	96	94	105	113	99	113	115

[1] Represents labor used on crops, livestock, and farm maintenance. [2] Beginning 1965, excludes work on farm gardens. [3] Beginning 1965, excludes work on horses and mules. [4] Harvested acreages plus acreages of crop failure and summer fallow.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Production and Efficiency Statistics,* annual. Also in *Agricultural Statistics,* annual.

No. 1184. Farm Output Indexes and Acreage of Principal Crops: 1960 to 1982

[See also *Historical Statistics, Colonial Times to 1970,* series K 414–429]

ITEM	1960	1965	1970	1973	1974	1975	1976	1978	1979	1980	1981	1982, prel.
INDEX, 1977=100												
Farm output [1]	76	82	84	93	88	95	97	104	111	103	118	117
Per unit of total input	77	86	87	95	90	99	98	102	106	101	115	116
Gross production:												
Livestock and products [2]	82	89	99	99	100	95	99	101	104	108	109	107
Meat animals	80	87	102	102	104	97	100	100	103	107	106	101
Dairy products	85	99	95	94	94	94	98	99	101	105	108	110
Poultry and eggs	66	81	93	94	94	92	96	106	114	115	119	119
Crops [3]	72	76	77	92	84	93	92	102	113	101	116	119
Feed grains	69	70	71	91	74	91	96	108	116	97	121	124
Hay and forage	83	91	92	101	96	100	94	106	108	98	106	110
Food grains	66	67	69	86	91	106	107	93	108	121	144	140
Vegetables	88	94	96	99	101	97	99	103	107	104	109	113
Fruits and nuts	69	74	81	93	94	98	96	99	105	119	111	109
Sugar crops	60	80	95	95	89	114	112	101	94	97	107	97
Cotton	102	107	72	91	82	58	74	76	102	79	109	83
Tobacco	102	97	100	91	104	114	112	106	80	93	108	104
Oil crops	38	53	66	87	71	86	74	105	129	99	114	126
ACREAGE, PRINCIPAL CROPS (millions of acres)												
Planted or grown	324	298	293	321	328	336	337	338	349	352	366	365
Harvested	317	292	289	316	322	330	330	330	340	341	353	351

[1] Annual production available for eventual human use. [2] Includes livestock products not shown separately and excludes horses and mules. [3] Includes crops not shown separately.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Production and Efficiency Statistics,* annual. Also in *Agricultural Statistics,* annual.

No. 1185. Farm Labor—Annual Average Labor-Hours Per Unit of Production, Selected Crops and Livestock: 1950–1954 to 1977–1981

[See also *Historical Statistics, Colonial Times to 1970,* series K 445–465]

CROP, LIVESTOCK, AND ITEM	1950–1954	1955–1959	1960–1964	1965–1969	1970–1974	1975–1979	1976–1980	1977–1981
Corn for grain: Hours per acre [1]	13.3	9.9	7.0	5.8	4.3	3.6	3.5	3.4
Yield per acre (bu.)	39.4	48.7	62.2	78.5	84.0	95.3	96.1	100.5
Hours per 100 bushel	34	20	11	7	5	4	3	3
Wheat: Hours per acre [1]	4.6	3.8	3.0	2.9	2.9	2.8	2.8	2.7
Yield per acre (bu.)	17.3	22.3	25.2	27.5	31.0	31.3	32.0	33.0
Hours per 100 bushel	27	17	12	11	9	9	9	8
Hay: Hours per acre [1]	6.3	6.0	5.0	3.8	3.7	3.4	3.4	3.3
Yield per acre (sh. tons)	1.43	1.61	1.77	1.97	2.12	2.21	2.22	2.29
Hours per sh. ton	4.4	3.7	2.8	1.9	1.8	1.6	1.5	1.4
Potatoes: Hours per acre [1]	63.1	53.1	48.0	45.1	41.6	37.6	36.8	36.1
Yield per acre (cwt)	151	178	195	213	234	263	264	267
Hours per sh. ton	8	6	5	4	4	3	3	3
Cotton: Hours per acre [1]	66	66	47	30	18	8	7	6
Yield per acre (lb.)	296	428	475	404	470	485	472	488
Hours per bale	107	74	47	30	18	8	7	6
Tobacco: Hours per acre [2]	464	475	493	427	298	254	248	242
Yield per acre (1,000 lb.)	1.3	1.5	1.9	2.0	2.0	2.0	2.0	2.0
Hours per 100 lb	36	31	26	22	14	13	12	12
Milk cows: Hours per cow	121	109	93	78	62	45	42	38
Milk per cow (cwt)	54	63	75	88	101	110	113	116
Hours per cwt of milk	2.2	1.7	1.2	.9	.6	.4	.4	.3
Cattle, exc. milk cows:								
Hours per cwt of beef produced [3]	3.6	3.2	2.6	2.1	1.7	1.3	1.3	1.2
Hogs: Hours per cwt produced [3]	2.7	2.4	1.9	1.4	1.0	.5	.5	.4
Chickens: [4] Hours per 100 layers	232	175	126	97	78	57	53	49
Rate of lay [5]	181	200	212	219	225	236	238	240
Hours per 100 eggs produced	1.3	.9	.6	.4	.3	.2	.2	.2
Chickens (farm raised): Hours per 100 birds	27	23	17	14	13	12	11	11
Hours per cwt produced [3]	7.3	6.7	4.7	3.7	3.3	2.9	2.8	2.7
Chickens (broilers): Hours per 100 birds	8	4	3	2	1	.6	.5	.5
Hours per cwt produced [3]	2.4	1.3	.8	.5	.3	.2	.1	.1
Turkeys: Hours per cwt produced [3]	6.8	4.4	2.4	1.3	.8	.5	.4	.4

[1] Labor-hours per acre harvested, including preharvest work on acreages abandoned, grazed, and turned under. [2] *Per acre planted and harvested.* [3] Liveweight production. [4] Laying flocks and eggs. [5] Eggs produced during year divided by average number of hens and pullets of laying age on hand during year.

Source: U.S. Dept. of Agriculture, Economic Research Service. In *Agricultural Statistics,* annual.

No. 1186. Agricultural Exports and Imports—Value: 1960 to 1982

[In billions of dollars, except percent. Includes Puerto Rico. Excludes forest products and distilled liquors; includes crude rubber and similar gums (now mainly plantation products). Includes shipments under foreign aid programs. See also *Historical Statistics, Colonial Times to 1970, series* K 251-255]

ITEM	1960–1964, avg.	1965–1969, avg.	1970–1974, avg.	1975–1979, avg.	1960	1965	1970	1975	1978	1979	1980	1981	1982
Exports, domestic products	5.4	6.3	12.8	26.5	4.8	6.2	7.3	21.9	29.4	34.7	41.2	43.3	36.6
Percent of all exports	24	20	20	20	24	23	17	21	20	19	19	19	18
Imports for consumption	3.9	4.6	7.3	13.1	3.8	4.1	5.8	9.3	14.8	16.7	17.4	16.8	15.2
Percent of all imports	24	16	12	9	25	19	15	10	9	8	7	6	6

Source: U.S. Dept. of Agriculture, Economic Research Service, *U.S. Foreign Agricultural Trade Statistical Report, annual, and Foreign Agricultural Trade of the United States,* Jan.-Feb. issues. Also in *Agricultural Statistics,* annual.

No. 1187. Agricultural Exports—Value, by Principal Commodities and Selected Countries of Destination: 1970 to 1982

[See headnote, table 1186. Data by country of destination not adjusted for transshipments]

COMMODITY AND COUNTRY	VALUE (mil. dol.)								PERCENT		
	1970	1975	1977	1978	1979	1980	1981	1982	1970	1980	1982
Total agricultural exports [1]	**7,259**	**21,859**	**23,636**	**29,384**	**34,749**	**41,233**	**43,339**	**36,622**	**100.0**	**100.0**	**100.0**
Grains and preparations [2]	2,582	11,619	8,713	11,585	14,406	17,991	19,390	14,640	35.6	43.6	40.0
Feed grains and products	1,093	5,283	4,907	5,909	7,796	9,831	9,494	6,526	15.1	23.8	17.8
Corn	818	4,422	4,100	5,257	6,977	8,492	7,935	5,562	11.3	20.6	15.2
Wheat and products	1,136	5,353	2,932	4,602	5,586	6,660	8,150	6,927	15.6	16.2	18.9
Rice	313	858	730	932	854	1,289	1,527	997	4.3	3.1	2.7
Oilseeds and products [2]	1,931	4,452	6,615	8,175	8,887	9,393	9,555	9,141	26.6	22.8	25.0
Soybeans	1,228	2,865	4,393	5,208	5,701	5,880	6,186	6,218	16.9	14.3	17.0
Soybean oil cake and meal	*344*	*639*	*920*	*1,242*	*1,416*	*1,665*	*1,589*	*1,411*	*4.7*	*4.0*	*3.9*
Vegetable oils and waxes	295	635	834	970	1,155	1,216	1,077	952	4.1	2.9	2.6
Soybean oil	194	269	443	569	769	689	474	486	2.7	1.7	1.3
Animals and animal products [2]	865	1,686	2,667	3,032	3,765	3,768	4,239	3,935	11.9	9.1	10.7
Hides and skins, incl. furskins	187	407	786	914	1,332	1,046	1,024	1,022	2.6	2.5	2.8
Cattle hides	130	260	525	629	906	623	617	699	1.8	1.5	1.9
Meats and meat products	132	432	611	743	853	890	997	978	1.8	2.2	2.7
Fats, oils, and greases	246	360	593	599	740	769	760	663	3.4	1.9	1.8
Poultry and poultry products	82	157	309	341	409	603	770	515	1.1	1.5	1.4
Cotton, excluding linters	372	991	1,529	1,740	2,198	2,864	2,260	1,955	5.1	6.9	5.3
Tobacco, unmanufactured	517	852	1,094	1,356	1,183	1,334	1,457	1,547	7.1	3.2	4.2
Fruits and preparations	*334*	*699*	*835*	*1,014*	*1,127*	*1,335*	*1,497*	*1,376*	*4.6*	*3.2*	*3.8*
Fresh fruits	164	404	458	565	646	739	855	796	2.3	1.8	2.2
Feeds and fodders	138	313	592	609	838	1,126	1,066	1,037	1.9	2.7	2.8
Vegetables and preparations	219	505	631	703	764	1,188	1,553	1,174	3.0	2.9	3.2
Nuts and preparations	69	169	240	324	584	757	581	541	1.0	1.8	1.5
Other	232	573	720	846	997	1,477	1,741	1,276	3.2	3.6	3.5
Asia [1]	2,670	7,620	8,042	10,295	12,109	14,886	15,777	13,615	36.8	36.1	37.2
Japan	1,214	3,082	3,857	4,435	5,255	6,111	6,562	5,547	16.7	14.8	15.1
Korea, Rep. of	224	830	919	1,148	1,441	1,797	2,008	1,581	3.1	4.4	4.3
China:											
Mainland	*(z)*	*60*	*64*	*573*	*990*	*2,210*	*1,956*	*1,498*	*(z)*	*5.4*	*4.1*
Taiwan	134	565	612	825	1,074	1,095	1,145	1,155	1.8	2.7	3.2
Western Europe [1 3]	2,532	7,164	8,389	9,115	9,912	11,744	11,905	11,104	34.9	28.5	30.3
European Economic Community [4]	2,133	5,704	6,785	7,312	7,849	9,236	9,059	8,273	29.4	22.4	22.6
Netherlands	526	1,722	2,124	2,346	2,624	3,412	3,301	3,042	7.2	8.3	8.3
Germany, Fed. Rep. of	529	1,564	1,656	1,497	1,399	1,831	1,759	1,448	7.3	4.4	4.0
United Kingdom	411	588	874	1,023	1,057	928	960	896	5.7	2.3	2.4
Italy	210	798	807	995	1,005	1,094	1,181	941	2.9	2.7	2.6
France	164	406	466	565	726	748	624	612	2.3	1.8	1.7
Spain	143	776	634	822	930	1,129	1,267	1,458	2.0	2.7	4.0
Portugal	35	261	413	372	485	608	757	576	.5	1.5	1.6
Latin America [1]	688	2,274	2,217	3,158	3,687	6,150	6,367	4,438	9.5	14.9	12.1
Mexico	155	586	664	903	1,024	2,468	2,432	1,156	2.1	6.0	3.2
Venezuela	98	277	304	387	494	701	893	671	1.4	1.7	1.8
Soviet Union	16	1,133	1,037	1,687	2,855	1,047	1,665	1,855	.2	2.5	5.1
Eastern Europe	169	616	603	1,120	1,933	2,071	1,654	833	2.3	5.0	2.3
Canada	826	1,304	1,534	1,621	1,650	1,852	1,989	1,805	11.4	4.5	4.9
Africa	254	1,134	1,331	1,556	1,581	2,179	2,766	2,195	3.5	5.3	6.0
Egypt	26	425	540	554	601	770	967	800	.4	1.9	2.2

Z Less than $500,000 or .05 percent. [1] Includes areas not shown separately. [2] Includes commodities not shown separately. [3] As of Jan. 1, 1982 includes Canary Islands and Madeira Islands. For consistency, data for all years are shown on *same basis.* [4] *Includes data for Belgium, Luxembourg, Denmark, Greece, and Ireland. As of Jan. 1, 1973, United Kingdom,* Denmark, and Ireland became members of EEC. As of Jan. 1, 1981, Greece became a member of EEC. For consistency, data for all years are shown on same basis.

Source: U.S. Dept. of Agriculture, Economic Research Service, *U.S. Foreign Agricultural Trade Statistical Report,* annual. Also in *Agricultural Statistics,* annual.

No. 1188. U.S. Sales and Donations Under Food for Peace (Public Law 480) Programs, Total, 1954 to 1982, and by Selected Country, 1975 to 1982

[In millions of dollars. For years ending June 30, except beginning 1977, ending Sept. 30]

TITLE AND PROGRAM	Total, 1954–1982	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total	33,669	1,142	1,119	973	1,328	1,300	1,193	1,228	1,287	1,436	1,542	1,314
Title I sales (loans) [1]	20,932	711	724	577	868	902	735	767	746	843	774	690
Repayable in dollars	11,086	485	724	577	868	902	735	767	746	843	774	690
Repayable in foreign currencies	9,846	226	–	–	–	–	–	–	–	–	–	–
Title II donations	12,737	432	394	396	461	398	458	461	541	593	768	624
Voluntary relief agencies	7,748	181	177	196	266	299	326	319	374	340	471	456
Emergency relief and other [2]	4,989	250	217	200	194	99	132	143	167	253	297	168

REGION AND COUNTRY	1975		1978		1979		1980		1981		1982	
	Sales	Donations	Sales	Donations	Sales	Donations	Sales	Donations	Sales	Donations	Sales	Donations
Total	867.5	460.6	767.4	461.1	746.0	541.0	843.0	593.0	774.3	768.3	690.0	624.0
Near East and South Asia [3]	603.8	163.6	413.7	162.3	401.4	218.6	432.9	185.2	387.8	268.6	390.2	253.6
Bangladesh	237.3	4.5	78.0	20.5	88.1	29.0	74.4	2.6	50.5	21.6	64.0	34.1
Egypt	104.5	12.8	179.7	12.5	230.7	22.4	265.3	16.1	272.5	28.9	262.0	31.9
India	121.6	106.1	26.4	109.8	–	137.6	–	118.3	–	170.6	–	123.3
Pakistan	79.5	5.4	56.4	1.3	38.0	3.2	47.5	10.6	47.5	28.8	47.5	50.0
Sri Lanka	24.5	5.4	34.4	3.4	16.3	4.6	23.8	5.1	17.3	7.4	16.7	5.6
East Asia [3]	180.7	36.1	183.7	23.7	135.7	24.4	124.8	75.9	70.6	56.0	15.8	24.3
Indonesia	34.8	11.5	115.4	7.3	88.7	7.5	96.3	17.4	45.0	16.2	15.8	7.8
Kampuchea	91.5	2.9	–	–	–	–	–	38.3	–	14.1	–	3.8
Korea, Rep. of	8.7	5.7	56.3	–	38.0	–	28.5	–	25.6	–	–	–
Philippines	–	10.8	12.0	15.1	9.0	14.8	–	18.8	–	24.1	–	12.6
Africa [3]	16.2	118.8	73.8	133.9	99.9	122.6	155.6	171.3	179.6	195.4	166.0	100.2
Ghana	–	2.8	–	3.0	9.5	5.1	12.1	3.6	12.1	6.9	7.0	6.3
Kenya	–	–	–	.8	–	1.2	16.1	3.2	15.0	10.4	14.3	3.1
Morocco	–	12.7	8.8	15.7	9.7	11.2	5.8	9.9	25.0	16.2	35.0	13.4
Somalia	–	4.6	7.0	8.8	10.7	7.3	17.7	32.3	15.0	29.9	14.5	6.9
Sudan	–	8.2	9.8	2.5	19.0	1.8	25.0	1.3	30.0	4.9	25.0	1.9
Zaire	–	.4	18.0	.5	17.0	4.4	15.7	.6	10.0	3.5	10.0	–
Latin America [3]	66.8	61.0	58.2	47.0	71.3	66.9	92.1	59.9	88.7	90.7	117.7	59.8
Dominican Rep	–	5.5	–	3.9	13.9	6.8	15.0	4.7	14.4	4.4	16.2	3.1
El Salvador	–	1.6	–	1.7	–	2.9	3.0	2.5	26.2	9.1	19.9	7.7
Haiti	2.3	3.3	10.5	8.0	8.6	6.8	8.6	7.2	8.6	15.9	13.0	9.2
Jamaica	1.4	.2	10.0	.5	10.0	.2	10.0	(z)	17.1	(z)	17.5	(z)
Peru	–	6.4	25.0	6.9	20.0	15.3	19.0	14.0	19.0	23.5	16.2	–
Europe	–	.1	38.0	–	38.0	–	38.0	–	47.6	–	–	30.5
Poland	–	–	–	–	–	–	–	–	47.6	–	–	30.5
Portugal	–	–	38.0	–	38.0	–	38.0	–	–	–	–	–
All other [4]	–	81.0	–	94.3	–	107.8	–	121.1	–	157.6	–	155.6

– Represents zero. Z Less than $50,000. [1] Includes Title III, Food for Development program. [2] Includes economic development and world food programs. [3] Includes countries not shown separately. [4] Includes undistributed transportation cost.

Source: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance From International Organizations*, annual.

No. 1189. Agricultural Exports Under Specified Government-Financed Programs—Value, by Selected Commodities: 1960 to 1982

[In millions of dollars, except percent. Includes Puerto Rico. Sources of values for Government-financed programs are different from those for total exports; therefore, not fully comparable in regard to valuation, shipping period, etc. Entries for "Outside Government programs" are the residuals of the other two series]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Agricultural exports	4,832	6,229	7,259	21,859	23,636	29,384	34,749	41,233	43,339	36,622
Outside Government programs [1]	3,371	4,880	6,226	20,431	22,164	27,813	33,255	39,811	41,939	35,353
Under Government programs [2]	1,461	1,349	1,033	1,428	1,472	1,571	1,494	1,422	1,400	1,269
Percent of total	30.2	21.7	14.2	6.5	6.2	5.3	4.3	3.4	3.2	3.5
Wheat	638.4	739.0	313.3	556.6	374.6	426.8	478.5	423.6	415.3	500.1
Wheat flour	118.4	87.5	86.2	68.1	108.5	138.1	168.6	145.1	162.7	159.2
Corn	65.5	56.0	26.5	14.8	213.2	207.8	177.8	169.7	166.3	94.6
Rice	86.5	72.1	171.3	311.6	144.5	175.6	161.5	171.5	167.4	116.5
Cotton	230.4	114.6	115.4	32.5	17.8	15.2	17.6	12.6	3.2	11.2
Soybean oil	72.2	109.6	92.2	36.3	99.1	157.0	142.0	151.9	169.9	171.4
Milk, nonfat, dried	40.7	58.8	91.4	60.3	81.0	32.1	21.0	27.3	34.5	12.8

[1] Exports outside specified Government-financed programs include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of (*a*) short-term credits extended by the Commodity Credit Corporation and the Export-Import Bank, (*b*) sales of Government-owned commodities below domestic market prices, and (*c*) export payments in cash or in kind through 1974. [2] Includes commodities not shown separately.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Foreign Agricultural Trade of the United States*, monthly. Also in *Agricultural Statistics*, annual.

No. 1190. Selected Farm Products—U.S. and World Production and Exports: 1979 to 1981

[**In metric tons, except cotton.** Production year, except as indicated. Metric ton=1.102 short tons or .984 long tons]

ITEM	Unit	1979			1980			1981		
		U.S.	World	U.S. as percent of world	U.S.	World	U.S. as percent of world	U.S.	World	U.S. as percent of world
PRODUCTION										
Wheat [1]	Mil	[2] 58	[3] 423	13.7	[2] 65	[3] 442	14.7	[2] 76	[3] 449	16.9
Corn for grain	Mil	[4] 202	[3] 424	47.6	[4] 169	[3] 407	41.5	[4] 208	[3] 438	47.5
Soybeans [5]	Mil	61.7	93.7	65.8	48.8	80.8	60.4	54.4	86.3	63.0
Rice, rough [6]	Mil	6.0	377	1.6	6.6	397	1.7	8.3	413	2.0
Tallow and greases	1,000	3,058	6,017	50.8	3,157	6,125	51.5	3,280	6,226	52.7
Tobacco, unmanufactured [7]	1,000	693	5,387	12.9	811	5,189	15.6	936	5,930	15.8
Vegetable oils [8]	Mil	12.9	41.2	31.3	6.1	39.1	15.6	6.1	41.8	14.6
Cotton [6]	1,000 bales [9]	14,629	65,555	22.3	11,122	64,811	17.2	15,646	70,800	22.1
EXPORTS										
Wheat [1]	Mil	[2] 37	[3] 86	43.0	[2] 42	[3] 94	44.7	[2] 49	[3] 102	48.1
Corn	Mil	[4] 62	[3] 74	83.8	[4] 60	[3] 78	76.9	[4] 50	[3] 71	70.4
Soybeans	Mil	[5] 23.6	[8] 28.4	83.7	[5] 19.7	[8] 25.4	77.7	[5] 25.3	[8] 29.2	86.6
Rice, rough [10]	Mil	[11] 3.0	[11] 11.6	25.9	[12] 3.0	[12] 12.8	23.4	[13] 2.5	[13] 11.6	21.6
Tallow and greases	1,000	1,290	2,130	60.4	1,520	2,383	63.8	1,469	2,608	56.3
Tobacco, unmanufactured [14]	1,000	259	1,362	19.0	272	1,346	20.2	265	1,485	17.8
Vegetable oils [8]	Mil	1.4	9.9	14.4	1.5	11.5	13.0	1.2	12.5	9.6
Cotton [6]	1,000 bales [9]	9,229	22,733	40.6	5,926	19,652	30.2	6,567	20,369	32.2

[1] Includes wheat flour in grain equivalent. [2] Year beginning June 1. [3] Year beginning July 1. [4] Year beginning Oct. 1. [5] Year beginning Sept. 1. [6] Year beginning Aug. 1. [7] Farm sales weight basis. [8] Various crop years. [9] Bales of 480 lb. net weight. [10] Includes milled rice. [11] Calendar year 1980. [12] Calendar year 1981. [13] Calendar year 1982. [14] Redried weight basis.

Source: U.S. Foreign Agricultural Service, *Foreign Agriculture Circular*, periodic.

No. 1191. Selected Farm Products—Production and Exports: 1970 to 1982

ITEM	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Wheat: Production	Mil. bu	1,352	1,782	2,127	2,149	2,046	1,776	2,134	2,374	2,799	2,809
Exports [1]	Mil. bu	741	1,018	1,173	950	1,124	1,194	1,375	1,514	1,773	1,525
Percent of production	Percent	54.8	57.1	55.2	44.2	54.9	67.2	64.4	63.8	63.3	54.3
Corn for grain: Production	Mil. bu	4,152	4,701	5,841	6,289	6,505	7,266	7,939	6,645	8,202	8,397
Exports [1]	Mil. bu	517	1,149	1,711	1,684	1,948	2,133	2,433	2,355	1,967	1,950
Percent of production	Percent	12.5	24.4	29.3	26.8	29.9	29.3	30.6	35.4	24.0	23.2
Soybeans, for beans: Production	Mil. bu	1,127	1,216	1,548	1,289	1,767	1,869	2,268	1,792	2,000	2,277
Exports [1]	Mil. bu	434	421	555	564	700	[2] 739	875	724	929	930
Percent of production	Percent	38.5	34.6	35.9	43.8	39.6	39.5	38.6	40.4	46.5	40.8
Cotton: Production	Mil. bales [3]	10.2	11.5	8.3	10.6	14.4	10.9	14.6	11.1	15.6	12.0
Exports [1]	Mil. bales [3]	3.9	3.9	3.3	4.8	5.5	6.2	9.2	5.9	6.6	5.3
Percent of production	Percent	38.2	33.9	39.8	45.3	38.2	56.9	63.0	53.2	42.3	44.2
Tobacco: [4] Production	Mil. lb	1,906	1,990	2,182	2,137	1,914	2,025	1,527	1,786	2,064	1,982
Exports [1]	Mil. lb	639	653	654	678	693	765	740	658	711	635
Percent of production	Percent	33.5	32.8	30.0	31.8	36.2	37.8	48.5	36.8	34.4	32.0

[1] Represents marketing year for each product. [2] Based on inspections for export. [3] 480 lb. net weight bales. [4] Farm sales weight.

Source: U.S. Dept. of Agriculture, Economic Research Service. In *Agricultural Statistics*, annual.

No. 1192. Acreages of Crops Harvested for Specified Purposes: 1960 to 1982

[See also *Historical Statistics, Colonial Times to 1970*, series K 496-499]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982 [1]
Crops harvested [2]	**Mil. acres**	[3] 324	298	293	328	336	337	345	338	349	352	366	365
Domestic use	Mil. acres	255	222	221	229	236	240	233	224	224	215	237	248
Per capita [4]	Acres	1.41	1.14	1.08	1.07	1.09	1.10	1.06	1.00	1.00	.94	1.03	1.07
Exports	Mil. acres	64	76	72	99	100	97	112	114	125	137	129	117
Percent of total	Percent	19.8	25.5	24.6	30.2	29.8	28.8	32.5	33.7	35.8	38.9	35.2	32.1
Crop failure	**Mil. acres**	6	6	5	8	6	9	9	7	7	12	6	7

[1] Preliminary. [2] Area in principal crops harvested as reported by Economic Research Service plus acreage in vegetables, fruits, tree nuts, and farm gardens. [3] Includes feed for horses and mules, not shown separately. [4] Based on Bureau of the Census estimated total population, including Armed Forces overseas, as of July 1.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Production and Efficiency Statistics*, annual.

NO. 1193. PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1961 TO 1982

[Acreage, production, and yield of all crops revised on basis of census data. See *Historical Statistics, Colonial Times to 1970*, series K 506–563, for acreage harvested, production, and price data for all crops listed except sorghum]

ITEM	Unit	1961–1965, avg.	1966–1970, avg.	1971–1975, avg.	1976–1980, avg.	1977	1978	1979	1980	1981	1982, prel.
Corn for grain:											
Acreage harvested	1,000 acres	56,670	57,121	63,362	72,096	71,614	71,930	72,400	73,030	74,700	73,152
Production	Mil. bu	3,762	4,463	5,488	6,929	6,505	7,268	7,939	6,645	8,202	8,397
Farm value [1]	*Mil. dol*	4,251	5,194	11,671	16,677	13,107	16,281	19,904	20,571	20,406	19,397
Yield per acre	Bu	66.4	78.1	86.6	96.1	90.8	101.0	109.7	91.0	109.8	114.8
Price [2]	Dol. per bu	1.13	1.16	2.15	2.41	2.02	2.25	2.52	3.11	2.50	2.32
Soybeans for beans:											
Acreage harvested	*1,000 acres*	29,694	40,265	49,803	61,863	57,630	63,663	70,566	67,856	66,366	70,783
Production	Mil. bu	719	1,054	1,352	1,797	1,767	1,869	2,268	1,792	2,000	2,277
Farm value [1]	Mil. dol	1,770	2,711	6,720	11,884	10,383	12,450	14,250	13,560	12,071	12,480
Yield per acre	Bu	24.2	26.2	27.1	29.0	30.6	29.4	32.1	26.4	30.1	32.2
Price [2]	*Dol. per bu*	2.46	2.57	4.97	6.61	5.88	6.66	6.28	7.57	6.04	5.48
Wheat:											
Acreage harvested	1,000 acres	48,017	50,688	56,801	65,509	66,686	56,495	62,454	70,984	81,013	78,841
Production	Mil. bu	1,214	1,433	1,757	2,096	2,046	1,776	2,134	2,374	2,799	2,809
Farm value [1]	*Mil. dol*	2,027	1,950	5,291	6,652	4,765	5,281	8,070	9,278	10,225	9,516
Yield per acre	Bu	25.3	28.3	30.9	32.0	30.7	31.4	34.2	33.4	34.5	35.6
Price [2]	Dol. per bu	1.67	1.36	3.03	3.17	2.33	2.97	3.78	3.91	3.65	3.39
Hay:											
Acreage harvested	*1,000 acres*	67,248	61,953	60,882	60,901	60,988	62,113	61,666	59,362	60,192	60,679
Production	Mil. tons [3]	120	125	130	135	132	144	148	131	143	152
Farm value [1]	Mil. dol	2,680	2,918	4,864	7,154	6,826	6,664	7,363	8,104	9,218	9,649
Yield per acre	Short tons	1.79	2.01	2.14	2.22	2.17	2.32	2.40	2.21	2.38	2.51
Price [2] [4]	*Dol. per ton*	22.30	23.40	40.93	52.99	53.70	49.80	59.50	71.00	67.10	68.90
Cotton:											
Acreage harvested	1,000 acres	14,616	9,983	11,554	12,527	13,275	12,400	12,831	13,215	13,841	9,729
Production [5]	Mil. bales [6]	14.9	9.6	11.4	12.3	14.4	10.9	14.6	11.1	15.6	12.0
Farm value [1]	Mil. dol	2,312	1,068	2,083	3,659	3,615	3,045	4,391	3,987	4,075	3,329
Yield per acre	Lb	510	463	474	471	520	420	547	404	543	590
Price [2]	Cents per lb	31.0	23.1	38.1	62.0	52.3	58.4	62.5	74.7	54.3	58.0
Tobacco:											
Acreage harvested	*1,000 acres*	1,126	926	923	945	966	964	827	921	976	908
Production	Mil. lb	2,160	1,854	1,874	1,878	1,914	2,025	1,527	1,786	2,064	1,982
Farm value [1]	Mil. dol	1,311	1,288	1,752	2,446	2,270	2,680	2,154	2,720	3,520	3,498
Yield per acre	Lb	1,919	2,004	2,030	1,987	1,982	2,101	1,845	1,940	2,114	2,183
Price [2]	*Dol. per lb*	.61	.69	.93	1.30	1.19	1.32	1.41	1.52	1.71	1.77
Sorghum for grain:											
Acreage harvested	1,000 acres	12,131	13,739	14,853	13,419	13,797	13,410	12,901	12,522	13,716	14,247
Production	Mil. bu	548	723	794	722	781	731	809	579	879	841
Farm value [1]	Mil. dol	548	743	1,494	1,577	1,412	1,464	1,880	1,696	2,087	1,856
Yield per acre	Bu	45.1	52.6	53.5	53.8	56.6	54.5	62.7	46.3	64.1	59.0
Price [2] [7]	Dol. per bu	1.00	1.03	1.89	2.18	1.82	2.01	2.34	2.94	2.39	2.22
Rice, rough:											
Acreage harvested	1,000 acres	1,742	2,047	2,231	2,776	2,249	2,970	2,869	3,312	3,792	3,252
Production	Mil. cwt	68	91	101	125	99	133	132	146	183	154
Farm value [1]	Mil. dol	340	455	929	1,219	941	1,087	1,384	1,873	1,654	1,214
Yield per acre	Lb	3,903	4,439	4,525	4,503	4,412	4,484	4,599	4,413	4,819	4,742
Price [2]	Dol. per cwt	5.00	5.01	9.20	9.75	9.49	8.16	10.50	12.80	9.05	7.87
Potatoes:											
Acreage harvested	1,000 acres	1,361	1,428	1,321	1,306	1,360	1,375	1,270	1,154	1,237	1,274
Production	Mil. cwt	272	309	316	345	355	366	342	303	339	349
Farm value [1]	Mil. dol	580	652	1,154	1,382	1,254	1,224	1,172	1,979	1,818	1,589
Yield per acre	Cwt	200	217	239	264	261	267	270	262	274	274
Price [2]	Dol. per cwt	2.13	2.11	3.67	4.01	3.55	3.38	3.43	6.55	5.41	4.59
Oats:											
Acreage harvested	1,000 acres	21,170	17,652	13,706	10,955	13,485	11,126	9,679	8,652	9,415	10,561
Production	Mil. bu	954	886	693	572	753	582	527	458	509	617
Farm value [1]	Mil. dol	604	560	732	775	823	689	714	812	954	896
Yield per acre	Bu	45.1	50.2	50.6	52.2	55.8	52.3	54.4	53.0	54.1	58.4
Price [2]	Dol. per bu	.63	.63	1.05	1.35	1.09	1.20	1.36	1.79	1.89	1.45
Sugar beets:											
Acreage harvested	1,000 acres	1,212	1,329	1,323	1,255	1,216	1,269	1,120	1,190	1,228	1,031
Production	Mil. tons [3]	20.7	23.8	26.4	25.1	25.0	25.8	22.0	23.5	27.5	21.3
Farm value [1]	Mil. dol	248	323	691	745	604	650	745	1,109	804	(NA)
Yield per acre	*Short tons*	17.1	17.9	19.9	20.0	20.6	20.3	19.6	19.8	22.4	20.6
Price [2]	Dol. per ton	11.98	13.57	26.20	29.68	24.20	25.20	33.90	47.20	29.20	(NA)

NA Not available. [1] Values are based on season average prices; see footnote 2. [2] Season average price received by farmers. State prices weighted by sales to obtain U.S. price. For certain years, prices for wheat, rice, corn for grain, grain sorghums, oats, soybeans, and cotton include an allowance for unredeemed loans and purchase agreement deliveries. [3] In short tons. [4] Prices are for hay sold baled. [5] State production figures, which conform with U.S. Bureau of the Census annual ginning enumeration with allowance for cross-State ginnings, rounded to thousands and added for U.S. totals. [6] Bales of 480 pounds, net weight; prior to 1970, bales of 500 pounds, gross weight. [7] Based on reported price of grain sorghum.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service. In *Agricultural Statistics*, annual; *Crop Production*, annual; and *Crop Values*, annual.

No. 1194. Production Costs and Returns for Selected Crops: 1980 to 1982

[In dollars per planted acre. Minus sign (–) indicates net loss]

ITEM	CORN			WHEAT			COTTON		
	1980	1981	1982	1980	1981	1982	1980	1981	1982
Total cash receipts	279.46	260.17	245.51	116.48	119.71	115.93	313.78	325.55	322.94
Total cash expenses	*181.83*	*204.25*	*209.79*	*72.87*	*84.56*	*85.44*	*213.57*	*291.97*	*300.84*
Variable expenses [1]	115.99	131.73	132.55	43.88	50.47	50.32	172.60	207.83	212.04
Fixed expenses [2]	65.84	72.52	77.24	28.99	34.09	35.12	40.97	84.14	88.80
Receipts less cash expenses	97.63	55.92	35.72	43.61	35.15	30.49	100.21	33.58	22.10
Capital replacement	25.29	28.72	31.66	18.15	20.61	22.44	46.23	53.33	55.49
Receipts less cash expenses and capital replacement	72.34	27.20	4.06	25.46	14.54	8.05	53.98	–19.75	–33.39

[1] Includes expenses for seed, fertilizer, lime, chemicals, custom operations, fuel and lubrication, repairs, drying, purchased irrigation water, management fees, storage, and interest paid on operating capital. [2] Includes taxes and insurance, general overhead, and interest paid on land and non-land capital.

Source: U.S. Dept. of Agriculture, Economic Research Service, *1982 Cost of Production.*

No. 1195. Crops—Acreage and Value, 1980 to 1982, and Order of Value, 1981, by States

STATE	ACREAGE HARVESTED (1,000)			FARM VALUE (mil. dol.)				Crops in order of value, 1981
	1980	1981	1982, prel.	1980	1981	1982, prel.		
						Value	Rank	
U.S. [1]	**340,535**	**355,731**	**353,780**	**80,266**	**82,124**	**76,910**	**(x)**	**Corn, soybeans, wheat, hay.**
Ala	4,095	4,642	4,667	614	886	843	31	Soybeans, peanuts, cotton lint, wheat.
Ariz	1,194	1,226	998	988	941	833	32	Cotton lint, lettuce, hay, cottonseed.
Ark	8,398	9,612	9,267	1,571	1,848	1,580	19	Rice, soybeans, cotton lint, hay.
Calif	6,662	6,903	6,312	8,704	8,264	7,524	1	Grapes, cotton lint, hay, rice.
Colo	6,926	6,672	6,553	1,244	1,119	1,036	28	Wheat, corn, potatoes, hay.
Conn	145	146	147	77	71	62	47	Tobacco, hay, apples, sweet corn.
Del	526	547	572	118	120	114	44	Soybeans, corn, potatoes, wheat.
Fla	1,522	1,552	1,567	2,533	2,357	1,926	15	Oranges, sugarcane [2], tomatoes, grapefruit.
Ga	5,635	6,327	6,488	1,044	1,476	1,522	20	Peanuts, soybeans, tobacco, corn.
Hawaii	105	105	96	515	354	138	41	(NA)
Idaho	4,618	4,879	4,733	1,602	1,441	1,336	22	Potatoes, wheat, hay, barley.
Ill	23,988	24,116	23,923	6,308	6,442	6,172	2	Corn, soybeans, wheat, hay.
Ind	12,830	13,040	13,099	3,522	3,001	3,186	7	Corn, soybeans, wheat, hay.
Iowa	25,617	25,851	25,554	7,216	6,739	5,867	3	Corn, soybeans, hay, oats.
Kans	21,641	21,791	22,798	2,861	2,746	2,986	8	Wheat, sorghum, corn, hay.
Ky	5,427	5,872	5,912	1,559	1,925	2,005	14	Tobacco, corn, soybeans, hay.
La	5,272	5,565	5,528	1,242	1,177	1,039	27	Soybeans, rice, cotton, sugarcane.[2]
Maine	405	407	408	221	164	141	40	Potatoes, hay, apples, oats.
Md	1,593	1,649	1,691	382	428	407	35	Corn, soybeans, tobacco, hay.
Mass	164	164	166	104	118	119	43	Cranberries, hay, apples, tobacco.
Mich	7,079	7,362	7,346	1,657	1,784	1,640	17	Corn, hay, dry edible beans, soybeans.
Minn	21,831	22,225	21,779	4,337	4,285	3,998	4	Corn, soybeans, wheat, hay.
Miss	6,403	6,702	6,959	1,189	1,286	1,386	21	Soybeans, cotton lint, rice, wheat.
Mo	14,612	14,823	14,761	2,279	2,574	2,337	10	Soybeans, corn, hay, wheat.
Mont	8,566	9,719	9,658	954	1,066	1,083	26	Wheat, hay, barley, sugar beets.
Nebr	18,885	18,981	18,917	3,554	3,800	3,378	6	Corn, soybeans, hay, wheat.
Nev	571	534	570	136	102	123	42	Hay, potatoes, wheat, barley.
N.H	118	117	117	20	23	26	48	Hay, apples.
N.J	541	547	520	187	218	213	38	Corn, soybeans, peaches, hay.
N. Mex	1,383	1,402	1,432	299	328	306	36	Hay, wheat, cotton lint, sorghum.
N.Y	4,331	4,240	4,176	1,058	1,011	960	29	Hay, corn, apples, potatoes.
N.C	5,413	5,674	5,746	2,045	2,444	2,251	11	Tobacco, corn, soybeans, peanuts.
N. Dak	18,350	22,926	22,748	1,733	2,488	2,231	12	Wheat, sunflower, hay, barley.
Ohio	11,025	10,883	10,985	3,083	2,240	2,510	9	Corn, soybeans, hay, wheat.
Okla	9,969	10,030	10,101	1,145	1,158	1,185	23	Wheat, hay, cotton lint, sorghum.
Oreg	2,740	2,753	2,712	975	925	898	30	Wheat, hay, potatoes, onions.
Pa	4,564	4,647	4,585	1,064	1,205	1,158	24	Hay, corn, mushrooms, apples.
R.I	18	18	17	7	6	6	49	Potatoes, hay, apples.
S.C	2,886	3,148	3,342	599	771	765	34	Tobacco, soybeans, corn, peaches.
S. Dak	14,898	15,810	16,283	1,356	1,556	1,583	18	Corn, hay, wheat, oats.
Tenn	5,395	5,738	5,674	914	1,180	1,154	25	Soybeans, tobacco, corn, wheat.
Tex	22,581	24,364	22,675	3,881	4,500	3,435	5	Cotton lint, sorghum, wheat, hay.
Utah	1,144	1,140	1,141	255	242	238	37	Hay, wheat, barley, potatoes.
Vt	549	540	558	64	69	79	46	Hay, apples, potatoes.
Va	3,009	3,167	3,148	602	907	805	33	Corn, tobacco, hay, soybeans.
Wash	4,771	5,037	4,897	1,774	1,858	1,805	16	Wheat, apples, potatoes, hay.
W. Va	721	754	762	105	102	109	45	Hay, apples, corn, tobacco.
Wis	9,559	9,524	9,670	2,086	2,107	2,207	13	Corn, hay, oats, potatoes.
Wyo	1,860	1,860	1,822	283	272	205	39	Hay, sugar beets, wheat, barley.

NA Not available. X Not applicable. [1] Excludes Alaska. [2] For sugar and seed.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production; Commercial Vegetables;* and *Crop Values;* all annual.

No. 1196. Corn—Supply, Disappearance, and Price Support: 1960 to 1982

[In millions of bushels, except as noted. For years beginning October]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Supply, total	5,695	5,251	5,161	6,204	6,692	7,394	8,381	9,244	8,264	9,237	10,684
Production	3,907	4,103	4,152	5,841	6,289	6,505	7,268	7,939	6,645	8,202	8,397
Imports [1]	1	1	4	2	3	3	1	1	1	1	1
Carryover stocks, Oct. 1	1,787	1,147	1,005	361	400	886	1,111	1,304	1,618	1,034	2,286
Disappearance, total	3,679	4,409	4,495	5,804	5,805	6,282	7,077	7,627	7,230	6,951	7,250
Domestic	3,387	3,722	3,978	4,093	4,121	4,334	4,944	5,194	4,875	4,984	5,300
Feed and residual	3,092	3,362	3,593	3,570	3,571	3,744	4,323	4,519	4,139	4,173	4,400
Food, industry, and seed	295	360	385	523	550	590	621	675	736	811	900
Exports [1]	292	687	517	1,711	1,684	1,948	2,133	2,433	2,355	1,967	1,950
Price support operations: [2]											
Support or target price (dol. per bu.) [3]	1.06	1.25	1.35	1.38	1.57	2.00	2.10	2.20	[4] 2.35	2.40	2.70
National avg. loan rate (dol. per bu.)	1.06	1.05	1.05	1.10	1.60	2.00	2.00	2.10	[5] 2.25	[6] 2.40	[6] 2.55
Quantity placed under loan	637	215	323	147	275	1,155	642	558	840	1,978	1,565
Percent of production	16	5	8	3	4	18	9	7	13	24	19

[1] Includes grain equivalent of corn products. [2] See text, p. 648. [3] Guaranteed on normal production from participating farms. [4] Target price was $2.05 if producer was not in compliance with his normal crop acreage. [5] National average loan rate for corn put into farmer-owned reserve because of grain embargo was $2.40 per bushel. [6] National average loan rate for corn put into farmer-owned reserve was $2.55 per bushel in 1981 and $2.90 in 1982.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Feed Situation*, quarterly; and *Agricultural Supply and Demand Estimates*, annual. Also in *Agricultural Statistics*, annual.

No. 1197. Corn for Grain—Acreage, Production, and Value, by States: 1980 to 1982

[See *Historical Statistics, Colonial Times to 1970*, series K 502-505, for U.S. data on corn for all purposes]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (bu.) [1]			PRODUCTION (mil. bu.) [1]			FARM VALUE (mil. dol.)			PRICE [2] (dol. per bu.)	
	1980	1981	1982, prel.	1980	1981	1982, prel.	1980	1981	1982, prel.	1980	1981	1982, prel.	1981	1982, prel.
Total	73,030	74,700	73,152	91	110	115	6,645	8,202	8,397	20,571	20,406	19,397	2.50	2.32
Ala	423	620	450	36	55	66	15	34	30	55	92	70	2.70	2.35
Calif	270	275	330	135	130	130	36	36	43	148	120	137	3.35	3.20
Colo	760	790	830	118	137	133	90	108	110	274	273	287	2.52	2.60
Del	177	181	182	72	85	102	13	16	19	47	41	43	2.65	2.30
Fla	328	327	245	47	55	62	15	18	15	52	51	37	2.85	2.45
Ga	1,300	1,380	815	42	50	85	55	69	69	188	196	173	2.84	2.50
Ill	11,460	11,360	11,380	93	128	134	1,066	1,454	1,525	3,347	3,679	3,584	2.53	2.35
Ind	6,280	6,000	6,320	96	109	129	603	654	815	1,905	1,615	1,794	2.47	2.20
Iowa	13,300	13,850	13,150	110	127	121	1,463	1,759	1,591	4,345	4,239	3,580	2.41	2.25
Kans	1,180	1,175	1,230	94	126	114	111	148	140	368	382	379	2.58	2.70
Ky	1,480	1,490	1,480	70	100	106	104	149	156	347	383	363	2.57	2.30
Md	640	690	660	72	105	107	46	73	71	169	196	163	2.70	2.30
Mich	2,600	2,650	2,620	95	96	109	247	274	307	753	654	676	2.39	2.20
Minn	6,290	6,770	6,500	97	110	113	610	745	735	1,799	1,735	1,579	2.33	2.15
Mo	2,070	1,940	1,970	53	110	104	110	213	205	358	529	482	2.48	2.35
Nebr	7,100	6,880	6,940	85	115	111	604	791	770	1,835	1,986	1,887	2.51	2.45
N.Y	730	800	730	93	93	92	68	74	67	233	199	161	2.68	2.40
N.C	1,730	1,830	1,630	60	77	101	104	141	165	351	378	370	2.68	2.25
N. Dak	290	513	520	58	81	68	17	42	35	48	99	76	2.39	2.15
Ohio	3,900	3,750	4,060	113	96	117	441	360	475	1,379	893	1,045	2.48	2.20
Pa	1,280	1,400	1,300	75	96	97	96	134	126	348	360	296	2.68	2.35
S.C	515	570	340	48	58	90	25	33	31	77	86	67	2.60	2.20
S. Dak	2,300	2,580	2,640	53	70	73	122	181	193	346	415	395	2.30	2.05
Tenn	640	640	650	46	86	94	29	55	61	103	149	144	2.70	2.35
Tex	1,300	1,090	1,140	90	117	105	117	128	120	402	367	353	2.88	2.95
Va	595	625	595	55	90	105	33	56	62	114	152	144	2.70	2.30
Wis	3,350	3,500	3,350	104	108	108	348	378	362	1,031	903	850	2.39	2.35
Other	742	824	885	77	97	110	57	80	97	209	234	262	(X)	(X)

X Not applicable. [1] 56 pounds per bushel. [2] Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate, by States.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production*, annual, and *Crop Values*, annual.

NO. 1198. WHEAT—SUPPLY, DISAPPEARANCE, AND PRICE SUPPORT: 1960 TO 1982

[**In millions of 60-pound bushels, except as noted.** For years beginning June 1. For explanation of price support operations, see text, p. 648. See *Historical Statistics, Colonial Times to 1970,* series K 507 and 509-510, for production and stocks]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Supply	2,747	2,238	2,336	2,564	2,817	3,161	2,955	3,060	3,279	3,791	3,980
Production	1,355	1,316	1,352	2,127	2,149	2,046	1,776	2,134	2,374	2,799	2,809
Imports [1]	8	1	1	2	2	2	1	2	3	3	7
Stocks, June 1, total	1,384	921	983	435	666	1,113	1,178	924	902	989	1,164
Disappearance	1,245	1,577	1,513	1,898	1,704	1,983	2,031	2,158	2,290	2,627	2,430
Domestic use	591	725	772	726	754	859	837	783	776	854	905
Food [2]	496	518	517	589	588	586	592	596	611	600	610
Seed and feed [3]	95	207	255	137	166	273	245	187	165	254	295
Exports [1]	653	852	741	1,173	950	1,124	1,194	1,375	1,514	1,773	1,525
Price support operations:											
Support or target price per bushel	$1.78	$2.00	$2.82	$2.05	$2.29	$2.90	$3.40	$3.40	$3.63	$3.81	$4.05
Loan rate	$1.76	$1.25	$1.25	$1.37	$2.25	$2.25	$2.35	$2.50	$3.00	$3.20	$3.55
Quantity under support	424	173	254	52	499	591	257	182	331	452	644
Percent of production	31.3	13.1	18.8	2.4	23.2	28.9	14.5	8.5	13.9	16.1	22.9

[1] Imports and exports include flour and other products expressed in wheat equivalent. Compiled from reports of the U.S. Bureau of the Census. [2] Used for food in the U.S., U.S. territories, and by the military. [3] Residual; approximates feed use and includes negligible quantities used for distilled spirits and beer.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Wheat Situation,* quarterly. Also in *Agricultural Statistics,* annual.

NO. 1199. WHEAT—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1980 TO 1982

[See *Historical Statistics, Colonial Times to 1970,* series K 506-508, for U.S. acreage, production, and price]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (bushels) [2]			PRODUCTION (mil. bushels) [2]			FARM VALUE (mil. dol.)			PRICE [3] (dol. per bu.)		
	1980	1981	1982 [1]	1980	1981	1982 [1]	1980	1981	1982 [1]	1980	1981	1982 [1]	1980	1981	1982 [1]
Total	70,984	81,013	78,841	33	35	36	2,374	2,799	2,809	9,278	10,225	9,516	3.91	3.65	3.39
Ariz	215	258	143	80	85	87	17.2	21.8	12.4	70	101	44	4.06	4.61	3.57
Ark	865	1,650	1,760	38	41	39	32.9	67.7	68.6	124	238	216	3.78	3.52	3.15
Calif	1,150	1,365	1,125	74	79	73	85.5	107.1	81.6	365	455	309	4.27	4.25	3.79
Colo	3,400	3,108	3,048	32	28	29	110.3	87.9	87.5	398	312	289	3.61	3.55	3.31
Ga	600	1,070	1,480	33	43	33	19.8	46.0	48.8	72	153	149	3.66	3.32	3.05
Idaho	1,550	1,510	1,500	62	60	63	96.0	89.8	94.2	351	325	345	3.66	3.62	3.66
Ill	1,570	1,850	1,500	48	50	45	75.4	92.5	67.5	296	315	206	3.93	3.41	3.05
Ind	1,100	1,350	1,080	49	46	43	53.9	62.1	46.4	208	216	144	3.85	3.48	3.10
Kans	12,000	12,200	13,200	35	25	35	420.0	305.0	462.0	1,588	1,147	1,548	3.78	3.76	3.35
Ky	350	680	675	40	42	39	13.8	28.6	26.3	53	99	84	3.85	3.45	3.20
Md	97	137	136	38	41	45	3.7	5.6	6.1	15	18	19	4.04	3.25	3.05
Mich	800	830	600	44	50	41	35.2	41.5	24.6	127	144	78	3.60	3.47	3.20
Minn	3,169	3,610	3,184	32	40	40	102.6	144.0	127.0	415	536	449	4.04	3.72	3.54
Miss	300	600	1,050	31	40	38	9.3	24.0	39.9	39	78	120	4.20	3.25	3.00
Mo	2,070	2,750	2,230	43	42	34	89.0	115.5	75.8	336	386	220	3.77	3.34	2.90
Mont	5,100	5,820	5,360	24	30	34	119.8	172.8	183.6	496	636	640	4.14	3.68	3.49
Nebr	2,850	2,900	2,900	38	36	35	108.3	104.4	101.5	403	381	330	3.72	3.65	3.25
N. Mex	500	500	530	21	22	25	10.5	11.0	13.3	39	40	44	3.76	3.64	3.30
N.Y	150	160	125	40	44	44	6.0	7.0	5.4	24	23	18	3.93	3.21	3.30
N.C	300	500	600	35	39	36	10.5	19.5	21.6	39	66	65	3.75	3.40	3.00
N. Dak	9,620	11,690	10,490	19	28	32	179.7	332.0	330.8	790	1,176	1,123	4.40	3.54	3.39
Ohio	1,370	1,650	1,250	49	44	44	67.1	72.6	55.0	273	258	173	4.06	3.55	3.15
Okla	6,500	6,400	6,900	30	27	33	195.0	172.8	227.7	747	662	786	3.83	3.83	3.45
Oreg	1,350	1,310	1,200	57	59	54	77.4	77.4	64.5	308	297	255	3.98	3.84	3.95
Pa	250	270	228	37	36	36	9.3	9.7	8.2	38	34	26	4.10	3.50	3.20
S. Dak	3,245	3,820	3,595	19	23	28	62.4	89.0	99.6	265	318	341	4.24	3.57	3.43
Tenn	450	850	935	38	44	36	17.1	37.4	33.7	65	131	101	3.80	3.50	3.00
Tex	5,200	6,550	6,000	25	28	24	130.0	183.4	144.0	482	669	490	3.71	3.65	3.40
Utah	272	265	266	33	36	36	8.9	9.6	9.6	34	35	33	3.85	3.70	3.43
Va	286	390	370	37	44	38	10.6	17.2	14.1	41	57	43	3.87	3.34	3.05
Wash	3,160	3,050	2,840	51	55	49	160.2	168.4	138.9	638	660	556	3.98	3.92	4.00
Wyo	315	284	309	27	30	28	8.6	8.4	8.6	32	29	26	3.72	3.39	3.25
Other	830	1,636	2,232	34	41	36	28.3	67.3	80.0	107	230	245	(X)	(X)	(X)

X Not applicable. [1] Preliminary. [2] 60 pounds per bushel. [3] See footnote 2, table 1197.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production,* annual; and *Crop Values,* annual.

NO. 1200. SOYBEANS—SUPPLY, DISAPPEARANCE, AND PRICE SUPPORT: 1960 TO 1982

[In millions of bushels, except as noted. For years beginning **Sept. 1.** See *Historical Statistics, Colonial Times to 1970,* series K 521, for production]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Supply, total	**607**	**875**	**1,357**	**1,736**	**1,533**	**1,870**	**2,030**	**2,442**	**2,151**	**2,318**	**2,543**
Production	555	846	1,127	1,548	1,289	1,767	1,869	2,268	1,792	2,000	2,277
Stocks, Sept. 1	52	30	230	188	245	103	161	174	359	318	266
Disappearance, total	**580**	**840**	**1,258**	**1,491**	**1,430**	**1,709**	**1,856**	**2,083**	**1,833**	**2,052**	**2,168**
Crushed	406	538	760	865	790	927	1,018	1,123	1,020	1,030	1,130
Seed, feed and residual [1]	39	52	64	71	76	82	99	85	89	93	88
Net exports	135	251	434	555	564	700	739	875	724	929	950
Percent of total	23.2	29.8	34.5	37.2	39.5	41.1	39.8	42.0	39.5	45.3	43.8
Ending stocks	27	36	99	245	103	161	174	359	318	266	375
Price support:											
Support price per bushel	$1.85	$2.25	$2.25	(2)	$2.50	$3.50	$4.50	$4.50	$5.02	$5.02	$5.02
Quantity under support	26	87	146	(2)	22	97	64	122	133	222	395
Percent of production	4.7	10.3	13.0	(X)	1.7	5.5	3.4	5.4	7.4	11.1	17.4

X Not applicable. [1] Residual represents adjustment for statistical discrepancy. [2] Price support not authorized for the 1975 crop.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Fats and Oils Situation,* quarterly. Also in *Agricultural Statistics,* annual.

NO. 1201. SOYBEANS FOR BEANS—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1980 TO 1982

[See *Historical Statistics, Colonial Times to 1970,* series K 521, for U.S. totals]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (bu.)			PRODUCTION (mil. bu.)			PRICE (dol. per bu.)			FARM VALUE (mil. dol.)		
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
Total [1]	**67,856**	**66,368**	**70,783**	**26.4**	**30.1**	**32.2**	**1,792**	**2,000**	**2,277**	**7.57**	**6.04**	**5.48**	**13,560**	**12,071**	**12,480**
Ala	2,100	2,020	2,050	15.0	23.0	26.0	32	46	53	7.63	6.08	5.35	240	282	285
Ark	4,350	4,500	4,550	15.0	22.0	24.0	65	99	109	7.91	6.17	5.70	516	611	622
Ga	2,140	2,100	2,550	11.0	19.0	27.0	24	40	69	7.58	6.09	5.45	178	243	375
Ill	9,250	9,250	9,410	33.5	38.0	39.0	310	352	367	7.62	6.15	5.65	2,361	2,162	2,073
Ind	4,380	4,600	4,580	36.0	33.0	40.0	158	152	183	7.58	6.08	5.40	1,195	923	989
Iowa	8,270	8,150	8,550	38.5	40.0	37.5	318	326	321	7.39	5.88	5.45	2,353	1,917	1,747
Kans	1,450	1,510	1,810	16.5	30.0	26.0	24	45	47	7.55	5.80	5.25	181	263	247
Ky	1,600	1,650	1,660	22.5	29.0	32.0	36	48	53	7.75	6.33	5.60	279	303	297
La	3,350	3,130	2,950	20.0	20.5	26.0	67	64	77	7.87	6.37	5.65	527	409	433
Mich	950	970	1,040	32.0	30.0	31.0	30	29	32	7.47	6.02	5.35	227	175	172
Minn	4,760	4,350	4,850	31.5	32.0	36.0	150	139	175	7.23	5.77	5.40	1,084	803	943
Miss	3,850	3,600	3,600	16.0	21.0	26.0	62	76	94	7.81	6.21	5.55	481	469	519
Mo	5,530	5,100	5,850	24.5	30.5	31.5	135	156	184	7.59	6.01	5.35	1,028	935	986
Nebr	1,770	2,070	2,300	30.0	38.0	36.0	53	79	83	7.18	5.75	5.35	381	452	443
N.C	1,930	1,850	2,100	18.0	25.0	25.0	35	46	53	7.83	6.13	5.60	272	284	294
Ohio	3,760	3,500	3,730	36.0	28.5	37.0	135	100	138	7.66	6.18	5.45	1,037	616	752
S.C	1,600	1,550	1,850	13.0	20.0	22.0	21	31	41	7.85	6.17	5.60	163	191	228
Tenn	2,550	2,350	2,350	18.0	26.0	27.0	46	61	63	7.88	6.06	5.50	362	370	349
Tex	630	480	920	22.0	22.0	26.0	14	11	24	7.69	5.69	5.10	107	60	122
Va	610	635	665	15.0	26.5	28.0	9	17	19	7.89	6.09	5.60	72	103	104

[1] Includes States not shown separately.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production,* annual, and *Crop Values,* annual.

NO. 1202. SORGHUM GRAIN—SUPPLY, DISAPPEARANCE, AND PRICE SUPPORT: 1960 TO 1982

[In millions of bushels, except as noted. For years beginning **Oct.** For explanation of price supports, see p. 648]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Total supply	**1,201**	**1,239**	**927**	**684**	**789**	**762**	**872**	**922**	**969**	**726**	**986**	**1,138**
Production	620	673	683	623	754	711	781	731	809	579	879	841
Carryover stocks	581	566	244	61	35	51	91	191	160	147	109	297
Disappearance	**499**	**848**	**837**	**649**	**738**	**671**	**682**	**763**	**822**	**617**	**691**	**636**
Domestic, total	428	582	693	437	509	425	468	556	497	318	442	436
Feed and residual	415	569	680	426	498	414	456	545	484	307	431	425
Exports	71	266	144	212	229	246	214	207	325	299	249	200
Price support operations:												
Support or target price per cwt	$1.52	$2.00	$2.14	$2.34	$2.34	$2.66	$4.07	$4.07	$4.18	[1] $4.46	$4.55	$4.64
National avg. loan rate per cwt	$1.52	$1.65	$1.61	$1.88	$1.88	$2.55	$3.39	$3.39	$3.57	[2] $3.82	[2] $4.07	[2] $4.32
Placed under loan (mil. cwt)	109.3	59.4	17.1	2.2	4.9	11.9	121.4	51.6	35.6	18.1	155.1	134.0
Percent of production	10	20	1	1	1	1	28	13	8	5	32	28

[1] Target price was $4.36 per cwt, if producer was not in compliance with his normal crop acreage. [2] National average loan rate for grain sorghum put into the farmer-owned reserve was $4.07 per cwt in 1980, $4.32 per cwt in 1981, and $4.91 in 1982.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Feed Situation,* quarterly, and *Agricultural Supply and Demand Estimates,* periodic. Also in *Agricultural Statistics,* annual.

No. 1203. Rice, Rough Equivalent—Supply, Disappearance, and Price Support: 1960 to 1982

[In millions of hundredweight (cwt.), except as noted. For years beginning **August.** Milled rice converted to a rough rice basis. See *Historical Statistics, Colonial Times to 1970,* series K 539, for production]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Supply, total	**67.0**	**84.6**	**101.7**	**120.3**	**135.5**	**152.6**	**139.8**	**160.7**	**163.6**	**172.1**	**199.6**	**203.7**
Farm production	54.6	76.3	83.8	112.4	128.4	115.6	99.2	133.2	131.9	146.2	182.7	154.2
Beginning stocks	12.1	7.7	16.4	7.8	7.1	36.9	40.5	27.4	31.6	25.7	16.5	49.0
Imports	.3	.7	1.4	(z)	(z)	.1	.1	.1	.1	.2	.4	.5
Disappearance, total	**56.9**	**76.4**	**83.0**	**113.2**	**98.6**	**112.1**	**112.4**	**129.1**	**137.9**	**155.6**	**150.6**	**132.2**
Domestic	26.9	30.8	34.4	41.0	40.3	42.7	37.7	49.2	49.2	54.5	59.6	54.0
Food	19.9	23.4	25.1	28.6	27.7	29.2	23.5	33.7	33.2	38.4	42.5	37.3
Industry	4.9	4.7	6.8	8.4	9.1	10.3	9.9	11.2	11.2	11.0	12.7	13.5
Seed	2.1	2.7	2.5	4.0	3.5	3.2	4.3	4.3	4.8	5.1	4.4	3.2
Exports	29.5	43.3	[1] 46.5	69.5	56.5	65.6	72.8	75.7	82.6	91.4	82.0	69.2
Residual [2]	+.5	+2.2	+2.1	+2.7	+1.8	+3.8	+1.9	+4.2	+6.1	+9.7	+9.0	+9.0
Price support operations:												
Target price per cwt.[3]	(x)	(x)	(x)	(x)	(x)	$8.25	$8.25	$8.53	$9.05	$9.49	$10.68	$10.85
Loan rate per cwt	$4.42	$4.50	$4.86	$7.54	$8.52	$6.19	$6.19	$6.40	$6.79	$7.12	$8.01	$8.14
Quantity under support	13.1	10.0	20.8	9.3	21.5	23.4	19.5	27.1	26.1	25.0	42.8	65.3
Percent of production	24.0	13.1	24.8	8.3	16.7	20.2	19.7	20.3	19.6	17.1	23.4	42.3

X Not applicable. Z Less than 50,000. [1] Adjusted on basis of bills of lading presented to U.S. Dept. of Agriculture. [2] Results from losses in drying, storage, handling, and milling and errors in estimation. [3] Represents target price on eligible production.

Source: U.S. Dept. of Agriculture, *Agricultural Statistics,* annual.

No. 1204. Potatoes—Acreage, Production, and Value, by States: 1980 to 1982

[Excludes Alaska and Hawaii. 1982 preliminary. Price is season average received by farmers; State prices weighted by sales. See *Historical Statistics, Colonial Times to 1970,* series K 532-534, for U.S. acreage, production, price]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (cwt)			PRODUCTION (mil. cwt)			PRICE (dol. per cwt)			FARM VALUE (mil. dol.)		
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
Total	**1,154**	**1,237**	**1,274**	**262**	**274**	**274**	**303**	**339**	**349**	**6.55**	**5.41**	**4.59**	**1,979**	**1,816**	**1,589**
Calif	51	56	56	370	374	376	19	21	21	9.00	10.40	8.90	169	217	187
Colo	42	47	51	297	289	278	13	14	14	6.70	4.70	4.10	84	63	58
Fla	27	30	30	194	220	226	5	7	8	6.85	11.10	8.95	36	73	60
Idaho	300	330	339	266	256	265	80	85	90	5.65	4.75	4.10	451	402	369
Maine	104	104	106	240	255	250	25	27	27	7.25	4.50	3.50	181	119	93
Mich	40	38	41	227	222	236	9	9	10	6.65	6.30	4.75	60	54	46
Minn	69	76	71	166	196	190	11	15	13	8.00	4.90	4.10	92	73	55
Nev	13	12	13	340	290	315	4	3	4	5.20	4.90	3.00	23	17	12
N.Y	44	44	46	252	281	283	11	12	12	8.85	6.15	5.25	98	75	63
N. Dak	112	115	115	140	175	150	16	20	17	6.85	4.05	4.10	107	82	71
Oreg	47	54	53	420	402	402	20	22	21	4.60	4.50	3.75	91	97	79
Pa	22	21	24	190	250	245	4	5	6	7.90	7.05	5.50	33	37	32
Wash	87	108	110	505	490	480	44	53	53	4.40	3.95	3.55	193	209	187
Wis	50	54	65	320	340	350	16	18	23	10.10	4.70	3.95	162	85	89
Other	146	148	154	178	185	195	26	28	30	(x)	(x)	(x)	199	215	188

X Not applicable.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production,* annual, and *Crop Values,* annual.

No. 1205. Peanuts—Acreage, Production, Value, and Price Support: 1960 to 1982

[Years beginning **August.** See also *Historical Statistics, Colonial Times to 1970,* series K 547-549]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982 [1]
Acreage harvested	1,000	1,395	1,438	1,469	1,500	1,518	1,512	1,509	1,520	1,399	1,493	1,275
Production for nuts	Mil. lb	1,718	2,380	2,983	3,847	3,739	3,715	3,952	3,968	2,301	3,982	3,438
Farmers' stock [2]	Mil. lb	7.2	7.4	2.8	227.0	250.0	54.4	28.7	13.5	63.4	28.3	81.8
Yield per acre	Lb	1,232	1,661	2,030	2,564	2,464	2,456	2,619	2,611	1,650	2,670	2,696
Average price per lb	Cents	10.0	11.4	12.8	19.6	20.0	21.0	21.1	20.6	25.1	26.9	24.9
Value of production	Mil. dol	172	272	383	755	747	781	834	819	578	1,071	856
Support price per lb, quota	Cents	10.1	11.2	12.8	19.7	20.7	21.5	21.0	21.0	22.8	22.8	27.5
Support price per lb, additional	Cents	(x)	(x)	(x)	(x)	(x)	(x)	12.5	15.0	12.5	12.5	10.0
Quantity under support	Mil. lb	352	733	1,084	1,136	854	536	520	709	337	836	539
Percent of production	Percent	20.5	30.7	36.3	29.5	22.8	14.4	13.2	17.9	14.6	21.0	15.7

X Not applicable. [1] Preliminary. [2] Stocks on hand as of beginning of yeer. Excludes shelled peanuts and cleaned peanuts (roasting stocks).

Source: U.S. Dept. of Agriculture, Economic Research Service, *Fats and Oils Situation,* quarterly. Also in *Agricultural Statistics,* annual.

No. 1206. Cotton—Summary: 1960 to 1982

[**In thousands of net weight 480 lb. bales, except as indicated.** For years beginning **Aug. 1.** Excludes linters. Excludes Alaska, Hawaii, and Puerto Rico except for imports and exports. Production figures are compiled from reports of individual ginners. Price per pound is average price received by farmers. For stocks, see *Historical Statistics, Colonial Times to 1970,* series K 554–556]

YEARLY AVERAGE OR YEAR	PRODUCTION		Consumption [1]	Net exports	Net imports	Beginning carryover	Average price per pound of upland cotton (cents)	PRICE SUPPORT OPERATIONS [2]		
	Running bales	Equivalent 480-lb. bales						Price per lb. [3] (cents)	Total under support	Percent of production
1960–1964	14,779	14,794	8,676	5,062	134	9,232	31.2	32.6	7,044	48.6
1965–1969	10,557	10,571	8,920	3,586	98	11,358	23.7	32.6	3,917	37.5
1970–1974	11,511	11,777	7,513	4,528	45	4,267	33.3	37.6	1,932	16.8
1975–1979	11,465	11,751	6,653	5,798	29	4,324	57.6	43.6	1,555	13.2
1975	8,151	8,302	7,250	3,311	92	6,708	51.1	36.1	691	8.5
1976	10,347	10,581	6,674	4,784	38	3,681	63.8	38.9	941	9.2
1977	14,018	14,389	6,483	5,484	5	2,928	52.1	44.6	4,518	31.6
1978	10,549	10,855	6,352	6,180	4	5,347	58.1	48.0	1,524	14.2
1979	14,262	14,629	6,506	9,229	5	3,958	62.3	50.2	1,720	11.8
1980	10,826	11,122	5,891	5,926	28	3,000	74.4	48.0	2,276	20.7
1981	15,150	15,646	5,264	6,567	26	2,668	54.0	52.5	6,028	38.7
1982, prel.	11,528	11,963	5,503	5,313	23	6,632	57.6	57.1	5,000	41.9

[1] Adjusted to cotton season. [2] Data from U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service. [3] For 1960–63, support loan for middling 1-inch; 1964–74, support loan plus direct support payment; 1975–82, loan rate for strict low middling 1 1/16", mic. 3.5–4.9. For text on price supports, see p. 648.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Cotton and Wool Outlook Statistics,* periodic.

No. 1207. Cotton—Acreage, Production, and Value, by States: 1980 to 1982

[Cotton production excludes linters. Values shown are for marketing season or crop year and should not be confused with calendar-year income. See *Historical Statistics, Colonial Times to 1970,* series K 553–558 for U.S. totals]

STATE	ACREAGE HARVESTED (1,000)			YIELD PER ACRE (lb.)			PRODUCTION (1,000 bales) [1]			FARM VALUE [2] (mil. dol.)			FARM PRICE PER LB.[2] (cents)		
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
Total [3]	**13,215**	**13,841**	**9,729**	**404**	**543**	**590**	**11,122**	**15,646**	**11,963**	**3,987**	**4,075**	**3,329**	**74.7**	**54.3**	**58.0**
Ala.	321	372	285	411	545	775	275	422	460	105	113	128	79.2	55.9	57.9
Ariz.	591	633	507	1,158	1,221	1,100	1,426	1,610	1,161	520	442	341	75.9	57.3	61.2
Ark.	645	560	390	330	518	657	444	604	534	163	165	149	76.7	56.8	58.0
Calif.	1,540	1,530	1,370	969	1,109	1,077	3,109	3,535	3,073	1,161	1,079	929	77.8	63.6	63.0
Ga.	160	175	158	258	436	714	86	159	235	32	41	62	77.9	54.3	54.9
La.	560	695	595	394	512	702	460	742	870	172	194	239	77.8	54.5	57.3
Miss.	1,125	1,200	990	488	626	853	1,143	1,565	1,760	419	439	494	76.4	58.4	58.5
Mo.	241	183	151	353	441	648	177	168	204	62	45	59	72.7	56.0	60.4
N. Mex.	127	113	77	430	600	546	114	141	88	45	42	27	82.4	62.4	64.9
N.C.	65	82	70	381	558	699	52	95	102	20	27	30	79.5	58.4	62.0
Okla.	565	640	450	174	330	254	205	440	238	75	87	55	76.6	41.1	47.9
S.C.	120	118	95	309	667	783	77	164	155	29	45	44	79.6	57.7	59.5
Tenn.	275	305	255	349	496	638	200	315	339	75	80	94	78.3	53.1	57.7
Tex.	6,873	7,218	4,320	234	377	303	3,345	5,663	2,763	1,105	1,269	671	68.7	46.7	51.3

[1] Bales of 480 lb net weight. [2] Includes allowance for unredeemed loans in 1980 and 1981. For 1982, average price to Jan. 1, 1983, with no allowance for unredeemed loans. [3] Includes States not shown separately.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production,* annual, and *Crop Values,* annual.

No. 1208. Tobacco—Production, Disappearance, and Stocks: 1961 to 1982

[**In millions of pounds.** Flue-cured and cigar wrapper, crop year, July–June; all other types, October–September. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. Farm-sales-weight basis, except as noted. See *Historical Statistics, Colonial Times to 1970,* series K 562, for production]

ITEM	1961–1965, avg.	1966–1970, avg.	1971–1975, avg.	1976–1980, avg.	1975	1976	1977	1978	1979	1980	1981	1982
Production	2,161	1,854	1,874	1,878	2,182	2,137	1,914	2,025	1,527	1,786	2,064	1,982
Domestic disappearance [1]	1,468	1,340	1,308	1,182	1,290	1,229	1,202	1,193	1,175	1,111	1,068	1,033
Exports	563	650	650	692	654	678	693	765	740	658	711	635
Imports [2]	170	220	329	369	391	366	322	376	415	366	335	295
Stocks, end of year [3]	4,182	4,016	3,290	3,450	3,297	3,540	3,560	3,601	3,259	3,289	3,555	3,790

[1] U.S. tobacco only. [2] Source: U.S. Bureau of the Census. Calendar year, declared weight; includes stems, trimmings, and scrap. [3] Marketing year.

Source: Except as noted, U.S. Dept. of Agriculture, Economic Research Service, *Tobacco Situation,* quarterly.

No. 1209. Tobacco—Acreage, Production, and Value, by States: 1980 to 1982

[See *Historical Statistics, Colonial Times to 1970,* series K 561-563, for U.S. acreage, production, and price]

STATE	ACREAGE HARVESTED (1,000)			YIELD PER ACRE (pounds)			PRODUCTION (mil. lb.)			PRICE [1] (dol. per lb.)			FARM VALUE (mil. dol.)		
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
Total [2]	**921**	**976**	**908**	**1,940**	**2,114**	**2,183**	**1,786**	**2,064**	**1,982**	**1.52**	**1.71**	**1.77**	**2,720**	**3,520**	**3,498**
Conn	3	3	3	1,595	1,764	1,590	5	6	4	6.61	5.80	5.13	35	33	22
Fla	10	10	9	2,130	2,380	2,255	20	23	21	1.45	1.67	1.78	30	38	37
Ga	55	55	50	2,010	2,200	2,110	111	121	106	1.40	1.63	1.80	154	197	189
Ind	7	8	9	2,300	2,265	2,350	17	19	20	1.66	1.81	1.82	28	34	37
Ky	201	235	239	2,094	2,172	2,414	421	510	577	1.64	1.79	1.80	689	913	1,040
Md	23	25	27	1,100	1,320	1,390	25	33	38	1.69	1.75	([3])	43	58	59
N.C	384	374	325	1,987	2,130	2,156	762	796	701	1.47	1.67	1.78	1,119	1,329	1,249
Ohio	11	13	14	1,788	1,745	2,213	20	23	32	1.59	1.71	1.73	32	39	55
Pa	13	13	13	1,900	2,050	1,991	25	27	26	.87	.80	.79	21	22	20
S.C	65	69	59	1,930	2,168	2,105	125	150	124	1.40	1.65	1.77	175	247	219
Tenn	65	79	83	1,728	2,053	2,156	112	161	178	1.61	1.78	1.72	180	287	307
Va	65	73	62	1,835	2,165	2,033	107	159	125	1.46	1.67	1.76	156	266	221
Wis	13	14	10	2,013	1,924	1,994	26	26	20	1.25	1.11	1.04	32	29	21

[1] See footnote 2, table 1193. [2] Includes States not shown separately. [3] Evaluated at 155.9 cents per pound, the average sales through May 4, 1983.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production,* annual; and *Crop Values,* annual.

No. 1210. Sugar, Beet and Cane—Supply and Disappearance: 1960 to 1982

[In thousands of short tons, raw value]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Total supply	**11,877**	**13,025**	**14,392**	**13,132**	**14,515**	**15,827**	**14,828**	**14,621**	**14,110**	**14,381**	**12,487**
United States production	4,009	5,370	5,874	6,300	6,798	6,089	5,602	5,793	5,736	6,226	5,982
Beet	2,439	3,044	3,511	3,473	4,003	3,423	3,067	3,066	3,052	3,183	3,217
Mainland cane [1]	634	1,108	1,201	1,720	1,745	1,632	1,506	1,667	1,661	1,995	1,770
Hawaii	936	1,218	1,162	1,107	1,050	1,034	1,029	1,060	1,023	1,048	995
Imports	4,885	4,027	5,296	3,882	4,658	6,138	4,683	5,027	4,495	5,025	2,964
Puerto Rico	[2] 903	[2] 834	353	96	203	102	52	47	178	48	80
Beginning stocks	2,080	2,794	2,869	2,854	2,856	3,498	4,491	3,754	3,701	3,082	3,461
Total disappearance	**9,447**	**10,220**	**10,926**	**10,276**	**11,017**	**11,336**	**11,074**	**10,920**	**11,028**	**10,920**	**9,575**
U.S. consumption	9,022	10,080	10,532	10,302	10,893	11,099	10,889	10,756	10,189	9,769	9,342
Exports	46	89	66	216	76	22	16	18	650	1,048	65
Other [3]	379	51	328	−242	48	215	169	146	189	103	168

[1] Florida, Louisiana, and, beginning 1975, Texas. [2] Includes minor quantities from Virgin Islands. [3] Includes net change in invisible stocks, balancing items, and minor quantities of sugar for livestock feed and alcohol.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Sugar and Sweetener Outlook and Situation,* quarterly.

No. 1211. Sugar, Beet and Cane—U.S. and World Production and U.S. Prices: 1960 to 1982

[Production in thousands of short tons, raw value]

CROP YEAR	WORLD PRODUCTION		UNITED STATES PRODUCTION			PRICE OF CANE SUGAR (cents per lb.)		
	Total	Percent U.S.	Beet	Cane		Wholesale, N.Y.		Retail, U.S., granulated
				Mainland [1]	Hawaii	Raw, 96° [2]	Refined	
1960	59,970	6.7	2,475	630	936	6.3	9.3	11.6
1965	68,467	7.5	2,816	1,104	1,218	6.8	10.0	11.8
1970	77,907	7.4	3,322	1,252	1,162	8.1	11.7	13.0
1972	82,760	7.7	3,632	1,620	1,119	9.1	13.1	13.9
1973	88,184	6.5	3,216	1,420	1,129	10.3	14.1	15.1
1974	86,557	6.4	3,021	1,461	1,041	29.5	34.4	32.3
1975	90,035	7.7	4,019	1,827	1,107	22.5	31.4	37.2
1976	95,089	7.0	3,695	1,674	1,050	13.3	19.2	24.0
1977	102,131	5.7	3,108	1,650	1,034	11.0	17.3	21.6
1978	100,601	5.9	3,289	1,583	1,029	13.9	20.9	23.7
1979	93,211	6.0	2,879	1,640	1,060	15.6	23.2	24.9
1980	97,622	6.1	3,149	1,705	1,023	30.1	41.0	42.7
1981	110,997	5.6	3,388	1,785	1,048	19.7	30.7	40.0
1982, prel	108,731	5.3	2,735	2,046	995	19.9	29.9	34.5

[1] Florida, Louisiana, and, beginning 1974, Texas. [2] Centrifugal. Duty-paid.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Sugar and Sweetener Outlook and Situation,* quarterly.

NO. 1212. SUGARCANE, BEET AND CANE SUGAR, AND MOLASSES—ACREAGE, PRODUCTION, AND VALUE: 1960 TO 1982

[See also *Historical Statistics, Colonial Times to 1970*, series K 542–546]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982, prel.
Sugarcane for sugar and seed:											
Acreage harvested	1,000 acres	437	617	584	774	759	744	733	733	755	759
Yield per acre	Tons	37.7	38.4	41.1	36.6	35.3	35.0	36.2	36.8	36.3	39.2
Production	Mil. tons	16.5	23.7	24.0	28.3	26.8	26.0	26.5	27.0	27.4	29.8
Price per ton [1]	Dollars	[2] 7.41	[2] 7.90	[2] 10.50	21.50	17.70	19.50	26.00	38.50	24.90	(NA)
Farm value	Mil. dol.	[2] 57	[2] 110	[2] 140	608	474	507	691	1,036	682	(NA)
Sugar produced:											
Beet, raw value [3]	1,000 tons	2,475	2,816	3,322	4,019	3,108	3,289	2,879	3,149	3,388	2,717
Cane, raw value [3]	1,000 tons	1,568	2,322	2,416	2,934	2,684	2,612	2,700	2,728	2,833	3,063
Per ton of cane [3]	Lb	199	204	210	214	209	211	213	213	217	215
Cane, refined basis [4]	1,000 tons	1,464	2,170	2,258	2,743	2,508	2,441	2,524	2,550	2,647	2,863
Molasses made	Mil. gal	101	146	141	183	165	162	165	163	193	177

NA *Not available.* [1] *Season average price for sugar received by farmers. Prices exclude Government payments under Sugar Act.* [2] Excludes Hawaii. [3] Raw value equals 96° sugar as defined in Sugar Act of 1948. [4] Calculated on the basis of 100 lbs. of raw sugar required to produce 93.46 lbs. of refined sugar.

Source: *U.S. Dept. of Agriculture, Statistical Reporting Service, Crop Production,* annual; and *Crop Values,* annual.

NO. 1213. FRUITS—UTILIZED PRODUCTION AND VALUE, 1980 TO 1982, AND LEADING PRODUCING STATES, 1982

FRUIT	UTILIZED PRODUCTION [1]				FARM VALUE (mil. dol.)			Leading States in order of production, 1982
	Unit	1980	1981	1982, prel.	1980	1981	1982, prel.	
Apples (34 States) [2]	Mil. lb	8,810	7,706	8,096	763	853	804	Wash, N.Y., Mich.
Peaches	Mil. lb	2,965	2,652	2,109	369	353	304	Calif, S.C., Ga.
Pears	1,000 tons	896	894	804	176	167	147	*Calif., Wash., Oreg.*
Grapes	1,000 *tons*	5,595	4,457	5,836	1,341	1,922	1,350	Calif., Wash., N.Y.
Cherries, sweet	1,000 tons	166	146	136	92	100	93	Wash., Oreg., Mich.
Cherries, tart	Mil. lb	216	133	245	44	59	35	Mich., N.Y., Wisc.
Plums and prunes (fresh)	1,000 tons	823	774	574	201	177	179	*Calif.*
Oranges and tangerines (4 States)	Mil. boxes [3]	279.9	250.1	182.8	1,364	1,331	1,268	Fla., Calif., Texas
Grapefruit (4 States)	Mil. boxes [4]	73.2	67.9	71.0	303	322	249	Fla., Texas, Calif.
Lemons (2 States) [5]	Mil. boxes [6]	20.8	31.3	24.6	168	151	131	Calif., Ariz.

[1] Excludes quantities not harvested or not marketed. [2] Production in commercial orchards with 100 or more bearing age trees. [3] Net content of box varies. In Calif. and Ariz., approximate average for oranges and tangerines is 75 lb.; Fla. oranges, 90 lb.; Tex. oranges, 85 lb.; and Fla. tangerines, 95 lb. [4] Approximate average, net weight, is 65 lb. in Ariz. and Calif., 85 in Fla., and 80 in Tex. [5] *Includes estimates for Ariz.* [6] About 76 lb. net.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production; Crop Values;* and *Noncitrus Fruits and Nuts; annual summaries.*

NO. 1214. COMMERCIAL VEGETABLE AND OTHER SPECIFIED CROPS—AREA, PRODUCTION, AND VALUE, 1980 TO 1982, AND LEADING STATES, 1982

(Relates to commercial production for fresh market and processing combined. Includes market garden areas but excludes minor producing acreage in minor producing States. Excludes production for *home use in farm and nonfarm* gardens. Value is for season or crop year and should not be confused with calendar-year income]

CROP	AREA [1] (1,000 acres)			PRODUCTION [2] (1,000 short tons)			VALUE [3] (mil. dol.)			States ranked by production, 1982
	1980	1981	1982	1980	1981	1982	1980	1981	1982	
Beans, snap [4]	255.7	218.3	204.4	704.2	672.2	644.7	110.0	111.4	106.7	Wis., Oreg.
Broccoli	77.9	78.5	92.0	337.7	376.1	441.0	144.6	175.1	211.1	Calif., Tex.
Carrots	72.5	73.9	79.4	977.0	1,023.3	1,171.0	161.9	182.2	198.4	Calif., Tex.
Cauliflower	43.3	46.0	51.4	212.8	260.5	271.1	95.8	125.3	133.7	Calif., N.Y.
Celery	37.3	36.7	36.4	932.8	931.4	957.0	169.9	200.6	194.3	Calif., Fla.
Corn, sweet	552.9	577.9	623.3	2,853.6	3,068.2	3,432.4	265.1	309.9	336.2	Minn., Wis.
Honeydew melons	17.7	19.6	25.2	159.0	171.0	189.9	42.9	52.6	53.3	Calif., Tex.
Lettuce	236.5	224.0	215.5	3,164.9	3,119.1	3,103.1	565.1	677.4	744.9	Calif., Ariz.
Mint for oil	112.6	98.7	80.2	3.4	3.2	2.4	63.9	59.9	48.5	Oreg., Wash.
Onions	113.0	111.6	125.2	1,673.8	1,751.1	2,081.9	346.5	475.4	306.4	Calif., Tex.
Peas, green	321.7	293.1	304.1	484.2	455.1	521.3	101.4	99.1	118.4	Wis., Wash.
Strawberries	35.7	36.6	39.5	350.9	369.9	439.0	288.8	310.3	421.9	Calif., Fla.
Tomatoes	389.5	381.9	416.7	7,481.3	7,024.9	8,648.0	904.2	946.2	1,131.6	Calif., Fla.

[1] Area of crops for harvest for fresh market, including any partially harvested or not harvested because of low prices or other factors, plus area harvested for processing. [2] Excludes some quantities not marketed. [3] Fresh market vegetables valued at f.o.b. shipping point. Processing vegetables are equivalent returns at packinghouse door. [4] Processing only.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Vegetables,* annual summary. Also in *Agricultural Statistics, annual.*

No. 1215. Canned Foods—Production: 1960 to 1981

[**In millions of standard cases of 24 No. 303 cans, except as noted.** Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1970*, series P 233-234, for corn and tomatoes in cases of 24 No. 2 cans]

PRODUCT	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
Fruits [1]	**97.9**	**103.9**	**99.4**	**96.2**	**103.7**	**91.2**	**88.2**	**93.7**	**85.3**	**96.9**	**95.1**	**79.1**
Apples [2]	3.1	4.1	2.3	3.2	2.2	1.1	1.9	2.0	2.1	2.4	1.6	1.3
Applesauce [2]	11.8	15.9	14.1	15.2	16.6	9.6	8.9	10.7	11.6	12.7	10.6	8.4
Apricots	6.1	5.1	3.8	4.1	2.0	4.4	2.4	2.3	2.1	2.9	3.0	1.2
Berries	.8	.7	.4	.3	.4	.4	.3	.1	.3	.2	.2	.4
Cherries, red, pitted	1.6	2.4	1.0	.6	1.2	1.3	.4	.6	.6	.5	.5	.2
Cherries, sweet	.6	.7	.7	.5	.6	.4	.5	.5	.5	.7	.4	.3
Cranberry sauce [2]	2.2	3.4	3.9	4.7	4.3	3.4	3.5	3.4	3.7	3.6	3.6	3.5
Fruit cocktail [3]	12.8	14.5	13.1	13.4	14.9	13.7	13.6	13.0	11.7	13.8	14.8	11.4
Fruit salad/mixed fruits [3]	1.2	1.2	1.2	1.5	1.8	1.3	1.2	2.2	2.2	3.1	3.2	2.5
Grapefruit sections [2 4]	3.0	2.8	2.3	2.1	1.5	1.1	1.2	1.2	1.3	1.4	1.2	.9
Peaches	30.8	30.0	29.6	24.5	32.4	29.0	24.8	29.2	21.4	25.8	26.8	21.8
Pears	8.5	6.4	8.6	9.8	10.7	9.8	11.5	9.6	9.0	10.6	10.9	9.7
Pineapple [2 5]	15.0	15.0	17.8	15.0	13.9	14.2	17.3	18.4	18.3	18.5	17.1	16.6
Plums [6]	.4	1.7	.8	1.3	1.2	1.4	1.0	.8	.9	.7	1.1	.9
Juices: [2 7]												
Apple	6.2	9.6	14.1	14.8	15.4	15.3	15.4	18.2	24.1	25.8	27.3	21.5
Grapefruit	11.0	13.8	26.0	29.0	21.6	25.8	27.7	26.4	25.1	23.6	19.0	(NA)
Orange	11.5	12.1	15.4	13.8	13.3	13.5	14.4	15.8	18.2	17.8	17.2	(NA)
Orange-grapefruit	3.2	2.9	2.5	1.9	1.7	2.8	1.6	1.9	1.4	1.5	1.1	(NA)
Pineapple [5]	14.4	15.4	13.7	11.4	8.6	8.7	10.2	12.0	11.3	13.6	13.6	(NA)
Tomato [8]	33.0	32.8	30.1	27.8	29.6	29.0	26.5	22.9	27.9	26.0	22.7	14.4
Seasonal vegetables	**175.3**	**204.1**	**208.7**	**235.3**	**242.3**	**249.8**	**217.5**	**237.1**	**233.3**	**265.6**	**230.5**	**227.1**
Asparagus	8.0	7.2	5.9	5.8	5.6	3.6	3.6	3.7	3.4	2.8	2.5	2.8
Beans, green and wax	33.2	45.6	47.6	55.0	62.3	55.4	47.4	54.5	57.1	66.3	58.2	52.8
Beans, lima	3.8	3.0	2.8	3.2	2.5	3.7	2.8	2.7	3.4	3.1	2.8	2.6
Beets [2]	8.8	10.0	11.3	10.9	15.1	13.1	9.2	11.3	13.0	15.1	10.9	9.3
Carrots [2]	5.0	4.5	5.4	6.4	6.9	4.7	5.2	6.6	6.3	7.3	4.4	5.1
Corn, sweet	35.3	39.1	47.0	55.2	46.4	57.5	54.7	56.3	57.9	60.0	50.6	57.9
Greens, leafy	2.9	2.7	3.5	4.0	4.6	3.0	3.1	2.6	2.9	3.2	2.6	2.1
Peas, field	2.1	1.8	2.4	2.8	2.8	2.0	1.9	2.2	2.4	2.5	2.0	2.9
Peas, green	28.7	37.6	28.7	29.6	33.1	35.2	31.9	30.2	25.3	36.5	30.1	27.3
Pimentos	.9	.8	.6	.3	.4	.6	.7	.4	.4	.5	.5	.6
Pumpkin and squash	5.0	3.9	4.0	4.6	4.2	5.8	5.5	3.0	3.4	4.0	3.7	3.9
Spinach [2]	7.8	6.4	7.3	8.9	10.8	8.3	6.3	7.1	6.2	8.1	6.3	5.5
Tomatoes	31.0	36.0	39.0	45.4	43.8	53.5	42.8	54.1	49.2	52.9	53.1	51.9
Other vegetable packs [9]	2.8	5.5	3.2	3.2	3.8	3.4	2.4	2.4	2.4	3.3	2.8	2.4
Nonseasonal vegetables:												
Sweet potatoes [2]	6.9	11.1	9.8	11.4	12.8	7.7	8.0	7.2	9.4	9.2	5.9	8.0
White potatoes [2]	4.2	5.0	6.6	5.7	8.1	6.8	6.2	7.1	6.7	6.5	5.9	7.1
Chili sauce	**1.4**	**1.5**	**1.5**	**1.8**	**1.6**	**1.7**	**2.0**	**1.8**	**2.8**	**2.0**	**2.0**	**1.7**
Tomato puree	**5.4**	**6.5**	**5.9**	**9.9**	**10.3**	**13.8**	**8.4**	**9.8**	**8.4**	**10.4**	**8.1**	**6.9**
Seafood, salmon [10]	(NA)	**3.6**	**3.8**	**1.5**	**1.8**	**1.6**	**2.7**	**3.1**	**3.3**	**3.3**	**4.4**	**4.6**

NA Not available. [1] Basis: 24 No. 2½ cans. [2] Pack beginning in year shown. [3] California only. [4] Florida only. [5] Represents U.S. pack and foreign operations. [6] Beginning 1965, purple plums only. [7] Basis: 24 No. 2 cans. [8] Beginning 1970, excludes combination vegetable-tomato juices. [9] Succotash, carrots and peas, okra, okra and tomatoes, and for 1965, mushrooms. [10] Basis: 48–1 lb. cans. Includes Alaska.

Source: National Food Processors Association, Washington, D.C., *Canned Food Pack Statistics*, annual.

No. 1216. Principal Frozen Foods—Production: 1960 to 1982

PRODUCT	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total fruits and vegetables	Mil. lb	2,618	3,672	4,937	6,077	5,760	6,120	6,933	7,103	7,450	6,923	7,598	8,305
Vegetable, excl. potatoes	Mil. lb	1,407	1,800	1,912	2,488	2,212	2,156	2,623	2,712	2,785	2,416	2,736	3,154
Potato products	Mil. lb	551	1,219	2,404	2,985	3,001	3,335	3,623	3,849	4,090	3,853	4,236	4,377
Fruits and berries	Mil. lb	660	653	621	604	567	629	687	543	575	653	626	774
Concentrates, juices and purees	Mil. gal	(NA)	(NA)	(NA)	(NA)	(NA)	201	174	184	197	261	215	180
Seafood	Mil. lb	284	402	388	340	300	552	566	617	605	549	484	480
Poultry	Mil. lb	2,000	2,231	2,160	2,222	2,070	2,359	2,238	2,318	2,606	2,765	3,029	2,783

NA Not available.

Source: American Frozen Food Institute, Burlingame, Calif., *Frozen Food Pack Statistics*, annual. (Copyright.)

NO. 1217. LIVESTOCK—NUMBER ON FARMS AND VALUE: 1950 TO 1983

[Alaska and Hawaii excluded from census data prior to 1959 and from annual data prior to 1965. Prior to 1960, data for sheep refer to stock sheep. See also *Historical Statistics, Colonial Times to 1970*, series K 564–569]

YEAR	ALL CATTLE			HOGS AND PIGS			SHEEP AND LAMBS		
	Number (mil. head)	Total value (bil. dol.)	Value per head (dol.)	Number (mil. head)	Total value (bil. dol.)	Value per head (dol.)	Number (mil. head)	Total value (mil. dol.)	Value per head (dol.)
CENSUS DATA									
1950 (Apr. 1)	76.9	9.1	119	55.8	1.1	19.70	31.4	555	17.69
1954 (Oct.-Nov.)	95.0	8.2	87	57.1	1.9	33.13	[1] 31.6	472	14.93
1959 (Oct. 1)	92.5	12.5	135	67.9	1.4	20.18	33.9	556	16.38
1964 (Nov.-Dec.)	105.6	11.9	113	54.1	1.3	24.47	25.5	409	16.04
1969 (Dec. 31)	106.4	19.0	179	55.5	2.2	38.85	21.6	532	24.63
1974 (Dec. 31)	113.2	18.5	163	45.5	2.1	45.37	15.4	474	30.79
1978 (Dec. 31)	105.7	42.7	404	58.8	4.9	83.40	12.4	892	72.08
ANNUAL DATA (Jan. 1) [2]									
1950	78.0	9.6	124	58.9	1.6	27.10	26.2	466	17.80
1955	96.6	8.5	88	50.5	1.5	30.60	27.1	404	14.90
1960	96.2	13.2	137	59.0	1.1	18.50	33.2	546	16.50
1965	109.0	12.4	113	50.8	1.2	24.50	25.1	401	16.00
1970	112.4	20.2	179	56.7	2.2	39.00	20.4	513	25.10
1971	114.6	21.1	184	67.3	1.6	23.50	19.7	465	23.60
1972	117.9	24.5	208	62.4	1.8	28.50	18.7	429	22.90
1973	121.5	30.6	252	59.0	2.5	42.00	17.6	471	26.70
1974	127.8	37.5	293	60.6	3.7	60.40	16.3	535	32.80
1975	132.0	21.0	159	54.7	2.5	44.90	14.5	442	30.50
1976	128.0	24.3	190	49.3	4.0	80.40	13.3	496	37.30
1977	122.8	25.2	206	54.9	2.6	47.00	12.7	540	42.50
1978	116.4	27.0	232	56.5	3.6	63.20	12.4	641	51.60
1979	110.9	44.7	403	60.4	5.0	83.20	12.4	891	72.10
1980	111.2	55.8	502	67.4	3.8	56.00	12.7	992	78.20
1981	114.3	54.3	475	64.5	4.8	74.70	12.9	903	69.80
1982	115.6	48.0	415	58.7	4.1	70.10	13.0	739	56.90
1983, prel.	115.2	46.7	406	53.2	4.8	89.90	11.9	616	51.70

[1] *Excludes Fla., Ga., and S.C.* [2] Beginning 1970, data for hogs and pigs as of Dec. 1, preceding year.

Source: Census data—U.S. Bureau of the Census, *Census of Agriculture: 1969*, vol. II; *1974* and *1978*, vol. I. Annual data—U.S. Dept. of Agriculture, Statistical Reporting Service, annual livestock summaries. Also in *Agricultural Statistics*, annual.

NO. 1218. MEATS—SLAUGHTERING, PRODUCTION, AND TRADE: 1960 TO 1982

[**Quantities represent carcass weight equivalent.** *1960–1970 exclude Alaska and Hawaii except for exports and imports. Covers inspected, noninspected, retail, and farm slaughter. Excludes edible byproducts. Excludes USDA exports, military civilian feeding, and voluntary relief feeding. See also Historical Statistics, Colonial Times to 1970,* series K 583-594]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
All meats:											
Animals slaughtered, total	Mil. head	135.0	130.7	137.3	124.8	133.1	128.2	132.3	139.7	136.8	128.8
Under Federal inspection	Percent	78	82	89	91	93	93	94	94	94	95
Production, total [1]	Bil. lb	28.2	31.5	36.2	36.8	39.7	38.6	37.6	39.0	39.0	37.6
Federally inspected	Percent	78	82	89	90	93	93	94	94	94	95
Exports of U.S. production [2]	Mil. lb	223	250	305	449	586	646	673	642	714	680
Imports for consumption	Mil. lb	1,048	1,347	2,429	2,248	2,424	2,656	2,974	2,664	2,333	2,589
Beef:											
Animals slaughtered, total	Mil. head	26.0	33.2	35.4	41.5	42.4	40.0	34.0	34.1	35.3	36.2
Under Federal inspection	Percent	75	80	87	89	92	93	94	94	94	95
Production, total	Bil. lb	14.7	18.7	21.7	24.0	25.3	24.2	21.4	21.6	22.4	22.5
Federally inspected	Percent	78	82	88	90	92	93	94	94	94	95
Exports of U.S. production [2]	Mil. lb	55	91	101	110	167	214	215	220	252	305
Imports for consumption	Mil. lb	760	923	1,792	1,758	1,939	2,297	2,405	2,064	1,743	1,939
Veal:											
Animals slaughtered, total	Mil. head	8.6	7.8	4.2	5.4	5.7	4.3	2.9	2.7	2.9	3.1
Under Federal inspection	Percent	61	65	72	72	85	87	89	89	89	90
Production, total	Mil. lb	1,109	1,020	588	873	834	632	434	400	436	448
Federally inspected	Percent	56	56	57	57	68	71	73	74	74	76
Lamb and mutton:											
Animals slaughtered, total	Mil. head	16.2	13.3	10.8	8.1	6.6	5.5	5.2	5.7	6.2	6.6
Under Federal inspection	Percent	86	88	93	94	96	96	96	96	96	97
Production, total	Mil. lb	768	651	551	410	351	309	293	318	338	365
Federally inspected	Percent	87	88	93	94	94	94	94	94	94	95
Pork:											
Animals slaughtered, total	Mil. head	84.2	76.4	87.0	69.8	78.4	78.4	90.2	97.2	92.5	82.8
Under Federal inspection	Percent	79	83	90	93	96	96	96	96	96	97
Production, total [1]	Bil. lb	11.6	11.1	13.4	11.5	13.2	13.4	15.5	16.6	15.9	14.2
Federally inspected	Percent	79	84	90	93	94	95	95	95	95	96

[1] *Excludes lard.* [2] Includes shipments to territories.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Livestock and Meat Statistics*, annual.

NO. 1219. LIVESTOCK ON FARMS, LIVEWEIGHT PRODUCTION, VALUE, AND ANNUAL AVERAGE PRICE RECEIVED BY FARMERS: 1960 TO 1982

[Data for sheep exclude Hawaii. See also *Historical Statistics, Colonial Times to 1970,* series K 575-582]

PRODUCTION AND PRICE	Unit	1960 [1]	1965	1970	1975	1977	1978	1979	1980	1981	1982
All cattle: On farms	Mil	96.2	109.0	112.4	132.0	122.8	116.4	110.9	111.2	114.3	115.6
Production [2]	Bil. lb	28.8	34.0	39.4	40.9	40.7	40.0	38.4	40.1	41.4	40.9
Beef, price per 100 lb	Dol	20.40	19.90	27.10	32.20	34.40	48.50	66.10	62.40	58.60	56.70
Calves, price per 100 lb	Dol	22.90	22.00	34.50	27.20	36.90	59.10	88.70	76.80	64.00	59.80
Value of production	Bil. dol	5.9	6.8	10.9	12.8	14.0	19.6	26.0	25.4	23.8	22.7
Hogs and pigs: On farms	Mil	59.0	50.8	67.3	49.3	56.5	60.4	67.4	64.5	58.7	53.2
Production [2]	Bil. lb	19.2	18.3	21.8	16.8	19.0	19.5	22.6	23.4	21.8	19.4
Price per 100 lb	Dol	15.30	19.60	22.70	46.10	39.40	46.60	41.80	38.00	43.90	52.30
Value of production	Mil. dol	2,946	3,573	4,955	7,756	7,485	9,066	9,416	8,847	9,521	10,180
Sheep: On farms	Mil	33.2	25.1	20.4	14.5	12.7	12.4	12.4	12.7	12.9	13.0
Production [2]	Mil. lb	1,628	1,217	1,099	785	706	687	709	744	770	774
Sheep, price per 100 lb	Dol	5.60	6.34	7.52	11.30	13.50	21.80	25.80	21.10	21.20	19.50
Lambs, price per 100 lb	Dol	17.90	22.80	26.40	42.10	51.30	62.80	66.70	63.60	54.90	53.10
Value of production	Mil. dol	253	257	260	303	320	382	410	401	359	351

[1] Alaska and Hawaii excluded. [2] Includes adjustment for livestock shipped in and changes in inventory.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Meat Animals—Farm Production, Disposition, and Income, by States,* annual summary. Also in *Agricultural Statistics,* annual.

NO. 1220. LIVESTOCK ON FARMS—NUMBER, BY STATES: 1980 TO 1983

[In thousands. As of Jan. 1, except for hogs and pigs, Dec. 1]

STATE	ALL CATTLE			MILK COWS [1]			SHEEP AND LAMBS			HOGS AND PIGS		
	1981	1982	1983	1981	1982	1983	1981	1982	1983	1980	1981	1982
U.S	114,321	115,604	115,201	10,860	11,012	11,066	12,936	12,966	11,904	64,512	58,688	53,230
Alabama	1,925	1,950	1,910	64	60	55	(2)	(2)	(2)	600	540	480
Arizona	1,075	1,000	1,000	75	80	82	372	377	343	180	170	170
Arkansas	2,200	2,100	1,900	80	84	84	(2)	(2)	(2)	720	585	540
California	4,760	5,000	4,900	909	940	940	1,205	1,210	1,115	180	160	160
Colorado	3,125	3,025	3,040	71	75	75	810	710	750	310	330	290
Florida	2,480	2,350	2,425	187	190	190	(2)	(2)	(2)	370	257	290
Georgia	1,870	1,950	1,875	130	131	130	(2)	(2)	(2)	2,300	1,520	1,400
Idaho	1,990	1,850	1,950	159	168	175	512	498	429	175	150	105
Illinois	2,650	2,800	2,800	230	234	230	184	195	155	6,600	6,450	5,600
Indiana	1,800	1,750	1,700	207	207	204	135	138	118	4,600	4,100	4,200
Iowa	7,350	6,850	6,450	378	389	386	437	485	457	16,100	16,300	14,300
Kansas	6,450	6,000	5,750	123	124	127	220	200	190	1,900	1,770	1,670
Kentucky	2,600	2,600	2,700	243	240	243	26	25	23	1,220	1,040	920
Louisiana	1,360	1,450	1,350	112	102	102	11	10	9	160	130	135
Michigan	1,340	1,450	1,500	390	396	400	124	130	100	830	690	760
Minnesota	3,800	3,880	3,610	880	905	890	295	335	300	5,100	4,300	3,900
Mississippi	1,800	1,950	1,800	97	97	96	(2)	(2)	(2)	410	370	280
Missouri	5,550	5,400	5,500	250	245	252	138	133	116	3,980	3,400	3,500
Montana	2,675	2,900	2,990	29	29	29	595	616	560	250	200	154
Nebraska	6,850	7,250	7,200	121	122	121	250	225	205	3,900	4,100	3,500
Nevada	640	700	650	15	16	16	134	129	110	12	13	14
New Mexico	1,400	1,500	1,450	49	55	58	650	615	610	74	62	38
New York	1,831	1,959	2,025	915	921	935	69	70	63	175	165	100
North Carolina	1,160	1,160	1,100	135	134	131	8	8	8	2,460	1,980	2,050
North Dakota	1,850	2,000	2,100	93	92	94	272	280	222	265	280	210
Ohio	1,815	1,900	1,900	375	382	393	310	313	275	2,150	2,050	1,820
Oklahoma	5,400	5,800	5,350	112	110	110	95	105	117	350	245	180
Oregon	1,750	1,800	1,650	96	97	100	520	540	500	120	90	90
Pennsylvania	2,000	2,100	2,000	718	730	738	105	125	98	980	750	830
South Carolina	625	700	660	48	48	48	(2)	(2)	(2)	700	490	440
South Dakota	4,100	3,900	4,060	155	160	165	780	750	680	1,860	1,710	1,510
Tennessee	2,350	2,500	2,675	215	215	217	11	10	8	1,140	900	750
Texas	13,700	13,700	15,000	320	325	335	2,360	2,400	2,225	930	700	550
Utah	875	920	950	80	86	84	650	636	565	58	40	32
Virginia	1,750	1,850	1,700	172	172	172	160	170	155	750	640	500
Washington	1,450	1,580	1,570	200	207	213	80	83	65	100	60	51
Wisconsin	4,550	4,450	4,400	1,820	1,830	1,830	127	125	99	1,680	1,380	1,220
Wyoming	1,350	1,390	1,475	12	12	12	1,110	1,130	1,060	30	33	29
Other	2,075	2,190	2,136	595	602	604	181	191	175	593	538	462

[1] Represents cows and heifers that have calved, kept for milk. [2] Estimates discontinued.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, annual livestock summaries.

No. 1221. Dairying—Cows and Dairy Products: 1960 to 1982

[In millions of pounds, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series K 595-608]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Cows and heifers that have calved, kept for milk, Jan. 1 [1] (mil. head)	19.5	17.0	13.3	11.1	11.0	10.9	10.8	10.8	10.9	11.0
Milk produced on farms (bil. lb.)	123	124	117	115	123	122	123	129	133	136
Whole milk sold from farms [2] (bil. lb.)	114	118	113	112	120	119	121	126	131	133
Sales to plants and dealers (bil. lb.)	104	113	110	110	118	117	119	125	129	132
Cash receipts from marketing of milk *and cream* [2] (bil. dol.)	4.8	5.0	6.5	9.9	11.7	12.7	14.7	16.6	18.1	18.3
Sales to plants and dealers (bil. dol.)	4.6	4.8	6.3	9.7	11.5	12.4	14.4	16.3	17.8	18.0
Manufactured dairy products:										
Butter (incl. whey butter)	1,373	1,325	1,137	984	1,086	994	985	1,145	1,228	1,257
Cheese, total [3]	1,478	1,755	2,201	2,811	3,359	3,520	3,717	3,984	4,278	4,540
American (excl. full-skim American)	1,003	1,167	1,428	1,660	2,047	2,079	2,190	2,376	2,642	2,750
Swiss (including block)	121	123	144	174	189	209	213	219	214	221
Muenster, Brick, and Limburger	54	56	59	74	73	78	80	87	82	87
Cream and Neufchatel	106	123	126	160	176	198	212	228	241	263
All Italian varieties	158	244	394	672	793	876	929	983	994	1,088
Cottage cheese: Creamed [4]	799	865	1,038	991	1,017	1,024	998	825	773	749
Curd, pot, and bakers'	594	630	726	701	684	688	669	667	648	629
Condensed bulk milk	1,205	1,346	1,237	1,041	1,091	987	975	952	972	975
Evaporated and condensed canned milk	2,256	1,799	1,293	938	827	798	810	741	778	755
Dry whole milk	98	89	69	63	69	75	85	83	93	102
Nonfat dry milk solids [5]	1,844	2,013	1,456	1,009	1,115	927	915	1,168	1,322	1,411
Dry whey [6]	277	404	621	596	628	711	733	690	779	791
Dry buttermilk	86	87	60	43	53	48	45	44	44	39
Ice cream of all kinds (mil. gal.)	700	757	762	837	810	815	811	830	832	852
Milk sherbet (mil. gal.)	41	45	49	49	50	48	45	45	46	46
Ice milk (mil. gal.)	145	231	287	299	308	310	297	293	291	280
Wholesale prices (cents per lb.):										
Cheese, American:										
40-lb. blocks, Wis. assembly points	(NA)	38.4	55.0	86.6	96.8	107.1	123.8	133.0	139.4	138.3
Single daisies, Chicago	41.4	45.0	64.9	104.4	118.7	130.1	141.4	156.2	167.2	168.4
Butter, N.Y. (Grade A)	59.9	61.0	70.4	81.8	101.5	114.1	127.2	144.8	(NA)	(NA)
Prices received by farmers, whole milk:										
Wholesale, per 100 lb. (dol.)	4.21	4.23	5.71	8.75	9.72	10.60	12.00	13.00	13.80	13.60
Sold directly to consumers (cents per qt.)	21.7	22.3	27.0	35.4	36.7	38.8	42.3	45.3	48.3	48.1

NA Not available. [1] Prior to 1975, cows and heifers 2 years old and over. [2] Comprises sales to plants and dealers, and *retail sales by farmers direct to consumers.* [3] Includes *varieties not shown separately.* Beginning 1975, includes full-skim. [4] Includes partially creamed (low fat). [5] Includes *dry skim milk for animal feed.* [6] Includes animal but excludes modified whey production.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Production of Manufactured Dairy Products*, annual; and *Milk Production, Disposition, and Income*, annual.

No. 1222. Whole Milk Sold—Quantity and Cash Receipts, by States: 1980 to 1982

[Covers sales of milk to plants and dealers]

STATE	QUANTITY (mil. lb.)			CASH RECEIPTS (mil. dol.)			STATE	QUANTITY (mil. lb.)			CASH RECEIPTS (mil. dol.)		
	1980	1981	1982	1980	1981	1982		1980	1981	1982	1980	1981	1982
U.S.	**124,717**	**129,237**	**132,145**	**16,274**	**17,797**	**17,983**	Mo	2,780	2,840	2,864	350	381	381
							Nebr	1,281	1,370	1,330	163	184	177
Ala	575	595	572	83	87	84	N.H	330	330	347	45	48	50
Ariz	1,020	1,120	1,200	137	158	167	N.J	466	467	467	62	66	65
Ark	712	757	795	96	110	114	N.Y	10,670	10,755	10,835	1,387	1,484	1,484
Calif	13,170	13,830	14,160	1,696	1,857	1,871	N.C	1,540	1,560	1,636	216	234	240
Colo	775	845	880	109	126	130	N. Dak	904	960	970	107	121	121
Conn	585	600	620	80	87	89	Ohio	4,220	4,310	4,460	549	595	614
Fla	2,009	2,069	2,094	317	348	343	Okla	1,065	1,105	1,120	145	159	161
Ga	1,346	1,376	1,395	188	202	201	Oreg	1,070	1,125	1,205	140	156	166
Idaho	1,875	2,090	2,190	229	268	278	Pa	7,930	8,365	8,755	1,078	1,188	1,226
Ill	2,507	2,569	2,616	323	355	353	S.C	515	525	540	75	82	83
Ind	2,178	2,249	2,300	283	310	313	S. Dak	1,635	1,740	1,740	203	224	226
Iowa	4,000	4,205	4,185	504	559	552	Tenn	2,150	2,210	2,230	286	307	303
Kans	1,300	1,365	1,326	170	191	186	Tex	3,540	3,575	3,680	492	529	537
Ky	2,130	2,191	2,280	273	298	308	Utah	985	1,060	1,110	123	139	143
La	975	960	925	137	143	136	Vt	2,240	2,250	2,315	300	322	326
Maine	645	680	710	90	101	104	Va	1,952	1,993	2,035	260	281	283
Md	1,495	1,544	1,568	203	221	220	Wash	2,785	2,870	3,070	354	387	406
Mass	530	540	555	73	79	80	W. Va	322	330	327	42	46	44
Mich	4,870	4,995	5,145	643	689	700	Wis	21,845	22,460	22,680	2,768	3,005	2,998
Minn	9,465	9,990	10,270	1,174	1,307	1,333	Other	1,535	1,627	1,743	214	242	256
Miss	795	840	880	110	121	125							

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Milk: Production, Disposition, and Income, 1979-81.*

NO. 1223. POULTRY—NUMBER ON FARMS, VALUE, EGGS PRODUCED, AND PRICES: 1960 TO 1982

[Beginning 1970, data for chickens, eggs, and broilers are for Dec. 1 of previous year to Nov. 30 of year stated, except as noted. 1960 excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series K 609–623]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Chickens: [1] Number [2]	Million	369	394	433	380	387	397	401	392	385	379
Value, total [2]	Mil. dol	391	462	525	660	652	696	726	739	727	701
Value per head [2]	Dollars	1.06	1.17	1.21	1.74	1.69	1.75	1.81	1.88	1.89	1.85
Number produced	Million	260	240	264	233	245	242	251	241	242	246
Production value	Mil. dol	139	101	107	105	145	142	171	129	132	121
Price per lb	Cents	12.2	8.9	9.1	9.9	12.3	12.4	13.9	11.0	11.1	10.3
Eggs: Number produced	Mil. doz	5,134	5,463	5,684	5,386	5,384	5,596	5,767	5,807	5,819	5,807
Price per dozen	Cents	36.1	33.7	39.1	52.4	55.6	52.2	58.3	56.3	63.1	59.5
Production value	Mil. dol	1,848	1,841	2,221	2,819	2,995	2,921	3,360	3,268	3,671	3,457
Broilers: [3] Number produced	Million	1,795	2,334	2,967	2,950	3,394	3,614	3,951	3,964	4,150	4,151
Price per lb	Cents	16.9	15.0	13.6	26.3	23.6	26.3	26.0	27.7	28.5	26.9
Production value	Mil. dol	1,014	1,217	1,475	2,915	3,059	3,676	4,032	4,304	4,703	4,506
Turkeys: [4] Number [2]	1,000	5,633	6,100	3,173	3,014	3,038	3,370	3,705	3,749	3,514	3,429
Value, total [2]	Mil. dol	28	27	18	33	35	42	50	53	54	50
Value per head [2]	Dollars	4.89	4.40	5.82	10.81	11.39	12.53	13.58	14.11	15.35	14.60
Turkeys, number raised	Million	84	108	116	124	136	139	156	165	171	185
Gross income	Mil. dol	377	424	498	793	910	1,157	1,214	1,268	1,247	1,254
Price per lb	Cents	25.4	22.2	22.6	34.8	35.5	43.6	41.1	41.3	38.2	39.5

[1] Excludes commercial broilers. [2] 1960 and 1965, as of Jan. 1; beginning 1970, as of Dec. 1. [3] Young chickens of the heavy breeds and other meat-type birds, to be marketed at 2–5 lbs. live weight and from which no pullets are kept for egg production. Not included in production of chickens. [4] Beginning 1970, data are for breeder hens only and cover the 26 major producing States. Beginning 1981 number of States covered reduced to 24.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Hatchery Production—Annual; Layers and Egg Production—Annual; Poultry—Production, Disposition, and Income;* and *Turkeys.*

NO. 1224. POULTRY—PRODUCTION, BY STATES: 1980 TO 1982

[**In millions.** See *Historical Statistics, Colonial Times to 1970*, series K 611, 614, 617, and 621 for U.S. totals]

STATE	CHICKENS PRODUCED			BROILERS PRODUCED			CHICKS HATCHED COMMERCIALLY [1]			TURKEYS RAISED		
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
U.S	**241.2**	**242.1**	**246.1**	**3,964.5**	**4,149.8**	**4,151.3**	**4,767.3**	**4,870.8**	**4,890.0**	**164.7**	**170.8**	**165.5**
Ala	13.3	13.2	12.5	494.7	519.3	500.2	600.8	620.4	628.5	–	–	–
Ark	19.6	19.1	21.5	634.9	675.1	668.5	741.8	775.5	780.9	14.5	15.1	13.0
Calif	21.2	19.5	21.7	152.4	158.8	167.4	209.0	214.7	222.9	20.8	21.8	20.0
Conn	3.3	2.9	3.3	–	–	–	–	(D)	(D)	–	–	–
Del	.8	.9	1.0	166.7	169.6	177.8	124.4	126.7	139.3	.3	.2	.2
Fla	8.8	11.2	8.6	87.1	92.4	97.2	151.0	155.4	150.6	–	–	–
Ga	20.3	20.0	19.9	573.9	614.7	610.7	670.1	683.7	677.2	2.4	2.7	2.7
Ill	4.0	3.8	3.7	–	–	–	11.9	10.4	10.7	.5	.4	.3
Ind	14.7	14.9	16.6	(D)	(D)	(D)	60.6	40.4	42.3	6.2	6.6	6.8
Iowa	8.3	7.4	7.4	3.0	3.1	3.3	18.0	24.5	22.3	6.6	7.1	7.7
Ky	1.9	1.9	1.7	3.2	3.1	2.9	(D)	(D)	(D)	–	–	–
La	2.3	2.2	2.2	99.0	104.3	(D)	(D)	(D)	(D)	–	–	–
Maine	4.7	5.2	4.7	(D)	(D)	(D)	83.6	(D)	(D)	–	–	–
Md	1.8	3.0	4.4	236.9	253.3	267.2	303.1	321.3	342.1	.1	.1	.1
Mass	1.2	1.5	.8	–	–	–	(D)	(D)	(D)	.1	.1	.1
Mich	4.6	5.0	4.4	1.6	1.1	1.2	9.5	9.3	5.2	1.5	1.6	1.4
Minn	*7.8*	*7.3*	*8.9*	*19.4*	*21.5*	*23.7*	*44.8*	*39.3*	*43.9*	*25.5*	*25.7*	*26.0*
Miss	6.1	5.8	5.4	276.0	290.1	298.6	292.0	291.1	304.7	–	–	–
Mo	5.4	6.1	5.6	23.6	26.1	(D)	17.8	16.9	15.7	12.4	12.0	12.0
N.Y	7.3	7.1	6.7	.6	.5	.6	10.5	7.5	5.8	.3	.3	.3
N.C	12.4	11.8	11.5	399.6	423.2	418.6	452.2	450.0	448.2	24.3	26.8	27.0
Ohio	7.9	8.5	10.3	14.6	12.8	13.5	(D)	(D)	(D)	2.3	2.5	2.7
Okla	1.5	2.4	2.2	45.0	50.9	51.2	1.2	1.3	1.1	2.2	1.6	2.1
Oreg	2.3	1.8	2.0	17.1	18.2	16.0	37.3	8.7	(D)	1.2	1.4	1.1
Pa	14.9	16.6	16.8	111.6	115.1	114.9	160.1	162.8	172.5	5.5	5.7	5.3
S.C	5.3	4.9	5.1	43.1	43.6	48.0	49.2	51.1	54.2	3.2	2.9	2.6
Tenn	3.9	2.0	2.7	66.9	64.5	(D)	28.7	28.2	(D)	–	–	–
Tex	9.3	10.0	11.2	221.1	231.7	222.5	268.1	292.9	275.1	7.8	7.3	5.2
Va	3.4	3.2	3.2	126.4	133.8	140.1	160.4	171.1	172.4	10.1	10.0	10.1
Wash	4.8	4.8	4.5	20.6	21.9	21.8	22.4	(D)	(D)	–	–	–
W. Va	.9	.6	.7	21.8	25.0	26.1	(D)	(D)	(D)	2.3	2.1	2.1
Wis	2.9	3.3	2.4	11.4	12.5	11.7	(D)	(D)	(D)	5.0	5.0	6.7
Other	14.3	14.3	12.7	92.3	63.6	247.6	(D)	368.0	375.0	9.6	10.8	10.0

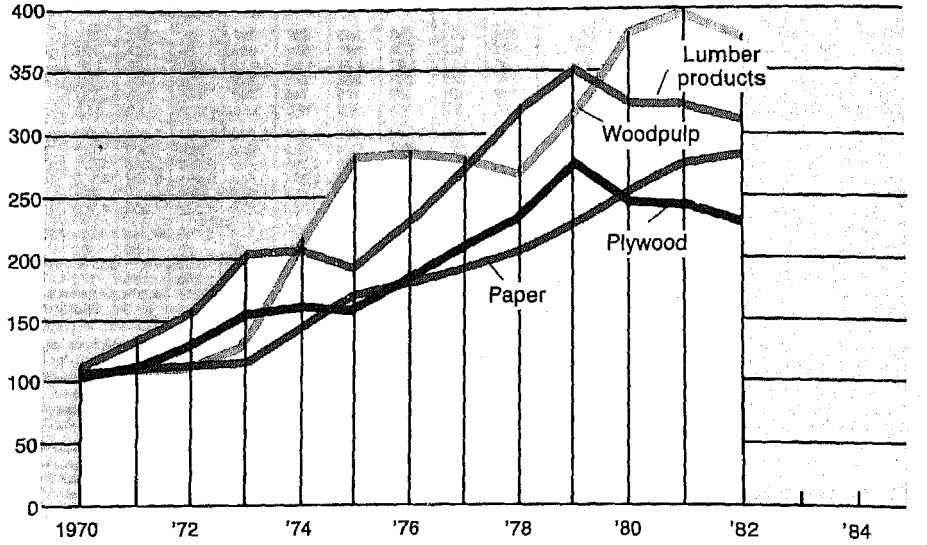
– Represents zero. D Withheld to avoid disclosure. [1] By commercial hatcheries.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Hatchery Production—Annual; Layers and Egg Production—Annual; Poultry—Production, Disposition, and Income;* and *Turkeys.*

Figure 25.1

Selected Timber Products—Producer Price Indexes 1970 to 1982

Index (1967 = 100).

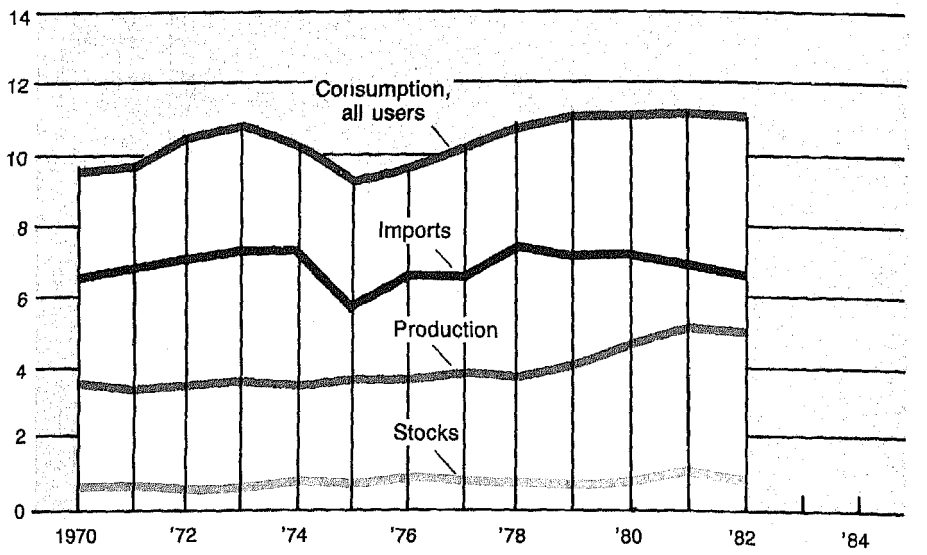


Source: Chart prepared by U.S Bureau of the Census. For data, see table 1234.

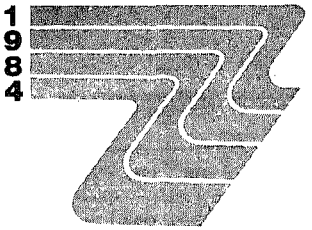
Figure 25.2

Newsprint—Production, Stocks, Consumption, and Imports: 1970 to 1982

Millions of short tons



Source: Chart prepared by U.S Bureau of the Census. For data, see table 1240.



Section 25

Forests and Forest Products

This section presents data on the area, ownership, and timber resource of commercial timberland; forestry statistics covering the National Forests and Forest Service cooperative programs; product data for lumber, pulpwood, woodpulp, paper and paperboard, turpentine, and rosin, and similar data.

The principal sources of these data are *An Analysis of the Timber Situation in the United States, 1952–2030, Appendix 3; U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950–82; Land Areas of the National Forest System;* and *Wildfire Statistics,* issued annually by the Forest Service of the Department of Agriculture, *Agricultural Statistics* issued by the Department of Agriculture; and reports of the census of manufactures (taken every five years) and the annual *Current Industrial Reports,* issued by the Bureau of the Census. Additional information is published in the monthly *Survey of Current Business* of the Bureau of Economic Analysis; and the annual *Wood Pulp and Fiber Statistics* and *The Statistics of Paper, Paperboard, and Wood Pulp* of the American Paper Institute, New York, N.Y.

The Bureau of the Census also collects data on foreign trade of forest products. The Bureau of Labor Statistics publishes monthly and annual statistics of producer prices for lumber.

The completeness and reliability of statistics on forests and forest products vary considerably. The data for forest land area and stand volumes are much more reliable for areas which have been recently surveyed than for those for which only estimates are available. Estimates of fire damage or causes of fires for Federal lands are considered much better than those for private lands. In general, more data are available for lumber and other manufactured products such as veneer and plywood, etc., than for the primary forest products such as poles and piling and fuelwood.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 1225. National Forest Lands and Purchases: 1950 to 1982

[Area as of June 30 except, beginning 1979, as of Sept. 30; purchases for years ending June 30, except as noted. Includes Puerto Rico. Prior to Oct. 1976, lands to be purchased under the Weeks Law and related acts were approved by the National Forest Reservation Commission which also set prices on such lands. With the passage of the National Forest Management Act, all functions of the Commission were transferred to the Secretary of Agriculture. Actual purchases are made by U.S. Department of Agriculture. See also *Historical Statistics, Colonial Times to 1970,* series L 10-14]

ITEM	Unit	1950	1955	1960	1965	1970	1975	1979	1980	1981	1982
Gross area [1]	Mil. acres	229	236	227	226	226	226	226	226	230	230
National Forest System	Mil. acres	181	188	186	187	187	188	187	187	191	191
Approved for purchase	1,000 acres	61	19	8	29	92	12	58	42	111	2
Average price per acre	Dollars	9	10	15	47	125	275	520	664	454	675
Total price	Mil. dol	.5	.2	.1	1.3	11.5	3.3	30.2	27.9	50.4	1.5
Purchases completed	1,000 acres	97	12	3	33	113	34	37	27	83	13
Average price per acre	Dollars	7	12	31	39	96	267	616	617	530	409
Total price	Mil. dol	.7	.1	.2	1.3	10.9	9.1	22.3	17.1	44.0	5.2
Gross area of purchase units	Mil. acres	53	62	56	56	56	56	56	56	56	58
Purchase completed, net area [2]	Mil. acres	19	19	19	19	20	20	20	20	20	20
Average price per acre	Dollars	4	4	4	4	6	9	12	12	14	14
Total price	Mil. dol	71	73	75	79	125	179	233	250	278	284

[1] Comprises all publicly and privately owned land within authorized boundaries of national forests, purchase units, national grasslands, and land utilization projects (research and experimental areas, and other areas). [2] Cumulative total. Under the March 1, 1911 Act of Congress (Weeks Law), as amended, and related acts.

Source: U.S. National Forest Reservation Commission, *Final Report to October 1976;* and U.S. Forest Service, *Land Areas of the National Forest System,* annual; and unpublished data.

NO. 1226. NATIONAL FOREST SYSTEM—SUMMARY: 1960 TO 1982

[Through **1977**, for years ending **June 30**, except as noted; thereafter, ending **Sept. 30**. Includes Alaska and Puerto Rico, except as noted. See *Historical Statistics, Colonial Times to 1970*, series J 33-34, for similar but not comparable grazing data, and L 15-31]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Timber cut, total value	Mil. dol	157.1	161.9	308.6	368.4	735.9	858.5	973.0	736.6	728.9	348.7
Commercial and cost sales: [1]											
Volume	Mil. bd. ft	9,367	11,244	11,527	9,174	10,482	10,080	10,377	9,178	8,036	6,747
Value	Mil. dol	156.4	161.1	307.6	366.0	732.5	854.7	968.0	729.8	720.9	339.2
Free use:											
Volume	Mil. bd. ft	123	191	179	618	1,028	1,221	1,637	2,070	2,107	2,343
Value [2]	Mil. dol	.2	.3	.3	1.1	2.4	2.6	3.8	5.7	6.4	7.5
Misc. forest products	Mil. dol	.5	.5	.7	1.4	1.0	1.2	1.1	1.1	1.6	2.0
Livestock grazing: [3]											
Cattle and horses [4]	1,000	1,307	1,376	1,607	1,626	1,587	1,557	1,540	1,521	1,535	1,562
Sheep and goats	1,000	2,574	2,112	2,105	1,549	1,473	1,284	1,249	1,328	1,341	1,340
Roads and trails:											
Road construction [5]	Miles	851	1,613	942	136	1,021	793	820	925	1,217	(NA)
Trail construction [5]	Miles	142	671	278	298	[6] 1,222	[6] 2,119	[6] 1,390	[6] 2,419	[6] 727	(NA)
Expenditures	Mil. dol	43.2	105.5	155.1	157.7	247.5	279.6	292.0	266.5	(NA)	(NA)
Receipts, total	Mil. dol	148.2	149.2	299.7	373.1	691.6	765.4	881.0	702.9	680.7	350.2
Timber use	Mil. dol	140.1	138.8	283.9	341.3	652.1	723.3	827.6	625.4	581.4	251.0
Grazing use	Mil. dol	4.5	3.5	4.4	7.7	11.4	11.0	12.5	15.8	14.9	12.4
Special land use, etc	Mil. dol	3.6	6.9	11.4	24.1	28.1	31.0	40.9	61.6	84.4	86.7
Payments to local gov't. [7]	Mil. dol	36.1	36.2	72.8	91.0	225.9	240.6	279.2	236.9	238.0	145.4
25-percent fund [8]	Mil. dol	35.4	35.5	71.9	89.8	224.1	238.9	277.0	233.6	230.5	132.6
Other [9]	Mil. dol	.7	.7	.9	1.2	1.8	1.7	2.3	3.3	7.6	12.8
Allotments to Forest Service, total [10]	Mil. dol	14.9	15.0	29.5	39.5	75.1	83.0	93.9	73.1	68.2	35.2
Roads and trails	Mil. dol	14.2	14.2	28.8	35.9	66.0	73.5	84.2	65.5	60.9	29.4
Other	Mil. dol	.7	.8	.8	3.6	9.0	9.5	9.7	7.6	7.3	5.8

NA Not available. [1] Includes land exchanges. [2] Includes some free use timber not reducible to board feet. [3] For 1960–1970, data for livestock permitted to graze; 1975 for authorized use; 1977–1982 for number actually grazed. Calendar-year data. Excludes Puerto Rico. [4] Excludes animals under 6 months of age. 1960–1970 includes swine. Includes burros beginning in 1977. [5] Includes reconstruction. Through 1965, excludes national grasslands. [6] Figures include work done by the Human Resources Programs. [7] Payments made in following year. [8] Includes Tongass Alaska suspense account. [9] Includes Arizona and New Mexico School Fund, State of Minn., and receipts paid to counties under Bankhead-Jones Farm Tenant Act. [10] For use in following year.

Source: U.S. Forest Service. In *Agricultural Statistics*, annual, and unpublished data.

NO. 1227. FOREST LAND—TOTAL AND COMMERCIAL AREA, VOLUME OF SAWTIMBER, AND GROWING STOCK: 1952 TO 1977

[As of **Jan. 1**. For composition of regions, see table 1228]

YEAR AND REGION	Total forest land (mil. acres)	COMMERCIAL TIMBERLAND, OWNERSHIP [1]					NET VOLUME OF *SAWTIMBER* [2]			Growing stock, net (bil. *cu.* ft.)
		All ownerships (mil. acres)	Federally owned or managed [2] (mil. acres)	State, county, and municipal (mil. acres)	Private		Total (bil. *bd.* ft.)	Softwood (bil. bd. ft.)	Hardwood (bil. bd. ft.)	
					Total (mil. acres)	Percent of total				
United States, 1952	664	499	117	27	356	71.3	2,512	2,066	446	603
North	209	169	13	18	137	81.1	249	59	190	111
South	197	192	14	3	175	91.1	409	197	213	136
West	258	138	89	6	43	31.2	1,854	1,811	44	356
United States, 1962	759	509	117	27	366	71.9	2,516	2,033	484	648
North	178	171	12	18	140	81.9	282	70	212	137
South	220	200	14	3	183	91.5	465	246	219	156
West	360	139	90	6	42	30.2	1,769	1,717	52	354
United States, 1970	754	496	112	30	355	71.6	2,538	2,002	537	680
North	186	169	12	18	138	81.7	320	83	237	156
South	212	193	14	3	175	90.7	535	296	239	177
West	355	135	85	8	42	31.1	*1,684*	*1,623*	*61*	*348*
United States, 1977	737	482	105	30	347	72.0	2,579	1,985	594	711
North	178	166	12	19	136	81.9	359	97	263	173
South	207	188	14	3	170	90.4	615	341	274	202
West	352	128	79	8	41	32.0	1,605	1,548	57	336

[1] See footnote 1, table 1228. [2] Includes Indian land. [3] See footnote 3, table 1228.

Source: U.S. Forest Service, *An Analysis of the Timber Situation in the United States, 1952–2030*, Appendix 3.

NO. 1228. FOREST LAND AREA, COMMERCIAL AREA OWNERSHIP, AND VOLUME OF SAWTIMBER AND GROWING STOCK, BY STATES: 1977 (JAN. 1)

STATE	Total forest land (1,000 acres)	COMMERCIAL TIMBERLAND, OWNERSHIP [1] (1,000 acres)				SAWTIMBER NET VOLUME [3]		GROWING STOCK, NET VOLUME [4]	
		Total	Federally owned or managed [2]	State, county, municipal	Private	Total (mil. bd. ft.)	Softwood (mil. bd. ft.)	Total (mil. cu. ft.)	Softwood (mil. cu. ft.)
U.S	**736,558**	**482,486**	**105,472**	**30,249**	**346,764**	**2,578,940**	**1,985,408**	**710,968**	**455,779**
North	**177,662**	**166,141**	**11,964**	**18,549**	**135,628**	**359,021**	**96,504**	**173,145**	**44,574**
New Eng	**32,461**	**30,985**	**770**	**1,317**	**28,898**	**75,507**	**43,800**	**41,848**	**23,383**
Conn	1,861	1,806	2	144	1,659	5,870	1,305	2,662	425
Maine	17,718	16,864	73	468	16,323	36,118	25,232	22,604	16,060
Mass	2,952	2,798	10	356	2,432	7,868	4,168	3,893	1,439
N.H	5,014	4,692	472	108	4,112	14,564	8,607	7,286	3,526
R.I	404	395	-	32	363	697	289	412	108
Vt	4,512	4,430	213	209	4,008	10,391	4,199	4,990	1,826
Mid. Atl	**50,686**	**46,415**	**1,505**	**4,554**	**40,355**	**101,959**	**17,094**	**56,461**	**7,606**
Del	392	384	1	13	370	1,393	408	625	169
Md	2,653	2,523	25	218	2,280	8,167	1,726	3,492	793
N.J	1,928	1,857	28	291	1,538	3,127	575	1,534	251
N.Y	17,218	14,243	58	835	13,351	26,088	7,771	13,256	3,523
Pa	16,826	15,924	503	2,988	12,453	34,251	3,714	23,403	1,778
W. Va	11,669	11,484	892	229	10,363	28,934	2,901	14,153	1,092
Lake	**51,644**	**47,579**	**6,750**	**11,886**	**28,944**	**97,766**	**30,984**	**44,517**	**11,901**
Mich	19,270	18,778	2,472	3,947	12,359	42,441	13,205	19,214	5,061
Minn	16,709	13,695	2,336	4,992	6,367	24,607	8,531	11,454	3,477
N. Dak	422	405	114	10	281	474	-	257	(z)
S. Dak. (east)	335	223	74	3	146	448	66	134	23
Wis	14,908	14,478	1,753	2,934	9,792	29,797	9,183	13,457	3,340
Central	**42,872**	**41,163**	**2,940**	**792**	**37,431**	**83,788**	**4,625**	**30,319**	**1,684**
Ill	3,810	3,692	269	11	3,413	7,094	30	2,180	24
Ind	3,943	3,815	239	171	3,405	10,967	255	3,758	87
Iowa	1,561	1,460	57	56	1,348	3,419	14	1,038	6
Kans	1,344	1,187	27	10	1,151	2,020	1	584	1
Ky	12,161	11,902	819	77	11,007	28,941	2,091	11,968	916
Mo	12,876	12,289	1,313	219	10,757	15,270	1,292	6,022	392
Nebr	1,029	789	67	12	710	1,737	510	442	119
Ohio	6,147	6,029	150	237	5,642	14,341	433	4,328	139
South	**206,875**	**188,046**	**14,485**	**3,245**	**170,315**	**614,709**	**341,023**	**202,009**	**97,136**
So. Atl	**48,710**	**47,677**	**3,897**	**883**	**42,897**	**171,401**	**74,317**	**59,988**	**23,333**
N.C	20,043	19,562	1,365	398	17,799	76,794	35,375	26,131	10,742
S.C	12,249	12,176	862	233	11,081	40,837	22,809	14,201	7,079
Va	16,417	15,939	1,670	252	14,017	53,771	16,134	19,657	5,512
E. Gulf	**42,296**	**40,142**	**3,040**	**620**	**36,482**	**112,478**	**74,078**	**40,134**	**24,405**
Fla	17,040	15,330	1,623	492	13,215	31,950	21,129	11,733	7,525
Ga	25,256	24,812	1,417	128	23,268	80,529	52,949	28,402	16,880
Ctr. Gulf	**51,237**	**50,657**	**2,935**	**1,016**	**46,707**	**162,351**	**87,903**	**51,977**	**23,555**
Ala	21,361	21,333	800	209	20,324	69,396	46,509	22,240	12,339
Miss	16,716	16,504	1,216	461	14,828	60,642	35,370	17,234	8,929
Tenn	13,161	12,820	919	346	11,555	32,313	6,024	12,504	2,287
W. Gulf	**64,632**	**49,569**	**4,614**	**726**	**44,229**	**168,478**	**104,724**	**49,910**	**25,843**
Ark	18,282	18,207	2,718	256	15,233	48,969	26,462	17,145	7,060
La	14,558	14,527	694	309	13,525	63,418	38,648	17,431	9,417
Okla	8,513	4,323	463	105	3,755	6,067	3,576	2,062	1,010
Tex	23,279	12,513	740	56	11,717	50,025	36,039	13,272	8,356
West	**352,021**	**128,299**	**79,023**	**8,455**	**40,821**	**1,605,211**	**1,547,882**	**335,814**	**314,069**
Pac. NW	**172,136**	**53,283**	**29,552**	**5,630**	**18,101**	**950,326**	**911,892**	**186,130**	**173,155**
Alaska	119,145	11,150	8,423	2,438	289	188,858	184,406	43,073	40,620
Oreg	29,810	24,211	14,201	926	9,084	431,172	414,186	79,554	74,735
Wash	23,181	17,922	6,928	2,266	8,728	330,296	313,300	63,503	57,800
Pac. SW	**42,138**	**17,251**	**8,581**	**548**	**8,122**	**264,716**	**255,611**	**49,870**	**45,979**
Calif	40,152	16,303	8,569	106	7,628	263,669	255,594	49,668	45,975
Hawaii	1,986	948	12	442	494	1,047	17	202	4
No. Rocky Mt	**55,682**	**33,478**	**23,227**	**1,595**	**8,657**	**269,646**	**257,567**	**68,699**	**67,942**
Idaho	21,727	13,541	9,640	880	3,021	139,618	139,050	31,884	31,662
Mont	22,559	14,359	9,260	534	4,565	97,334	96,238	27,977	27,691
S. Dak. (west)	1,367	1,244	958	70	215	5,815	5,597	1,643	1,627
Wyo	10,028	4,334	3,369	111	855	27,079	26,683	7,195	6,963
So. Rocky Mt	**82,065**	**24,287**	**17,663**	**682**	**5,941**	**120,524**	**112,812**	**31,116**	**26,993**
Ariz	18,494	3,896	3,696	34	166	22,711	22,063	4,982	4,763
Colo	22,271	11,315	7,962	234	3,118	54,941	50,684	15,036	12,624
Nev	7,683	134	61	5	69	1,388	1,363	262	249
N. Mex	18,060	5,538	3,439	171	1,927	25,919	24,346	6,395	5,796
Utah	15,557	3,405	2,505	239	661	15,565	14,357	4,440	3,562

- Represents zero. Z Less than 500,000 cubic feet. [1] Commercial timberland is forest land which is producing or is capable of producing crops of industrial wood and not withdrawn from timber utilization by statute or administrative regulation. Areas qualifying as commercial timberland have the capability of producing in excess of 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included. [2] Includes Indian lands. [3] Net volume of the saw log portion of live sawtimber trees in board feet, International ¼-inch log rule. [4] Net volume in cubic feet of live sawtimber and poletimber trees from stump to a minimum 4-inch top (of central stem) outside bark or to the point where the central stem breaks into limbs.

Source: U.S. Forest Service, *An Analysis of the Timber Situation in the United States, 1952–2030,* Appendix 3.

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No. 1229. National Forest Lands—States and Other Areas: 1982

[In thousands of acres. As of Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series L 10-11]

STATE	Gross area within unit boundaries [1]	National forest system lands	Other lands within unit boundaries	STATE OR OTHER AREA	Gross area within unit boundaries [1]	National forest system lands	Other lands within unit boundaries
Total	**229,970**	**190,840**	**39,130**	Nev	5,424	5,150	274
				N.H	819	705	114
Ala	1,274	644	630	N. Mex	10,383	9,347	1,036
Alaska	24,018	23,119	899	N.Y	13	13	-
Ariz	11,936	11,272	664	N.C	3,165	1,213	1,952
Ark	3,502	2,479	1,023	N. Dak	1,106	1,106	(z)
Calif	24,288	20,413	3,875	Ohio	834	177	657
Colo	16,014	14,431	1,583	Okla	461	294	167
Conn	(z)	(z)	-	Oreg	17,455	15,617	1,838
Fla	1,225	1,099	126	Pa	743	511	232
Ga	1,911	865	1,046	S.C	1,382	610	772
Hawaii	(z)	(z)	-	S. Dak	2,348	1,998	350
Idaho	21,701	20,428	1,273	Tenn	1,212	625	587
Ill	840	262	578	Tex	1,994	783	1,211
Ind	645	188	457	Utah	9,129	8,046	1,083
Kans	117	109	8	Vt	629	294	335
Ky	2,102	673	1,429	Va	3,226	1,628	1,598
La	1,023	598	425	Wash	10,039	9,054	985
Maine	94	52	42	W. Va	1,861	971	890
Mich	4,873	2,757	2,116	Wis	2,023	1,502	521
Minn	5,467	2,800	2,667	Wyo	9,717	9,254	463
Miss	2,310	1,141	1,169				
Mo	3,082	1,468	1,614	Puerto Rico	56	28	28
Mont	19,087	16,764	2,323	Virgin Islands	(z)	(z)	-
Nebr	442	352	90				

- Represents zero. Z Less than 500 acres. [1] See footnote 1, table 1225.

Source: U.S. Forest Service, *Land Areas of the National Forest System*, annual.

No. 1230. Wildfires—Summary: 1960 to 1980

[See also *Historical Statistics, Colonial Times to 1970*, series L 44-55]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980
ACREAGE (1,000)									
Protected area: Federal [1 2]	362,836	655,001	647,239	677,949	680,243	681,564	680,185	680,223	680,261
Area burned [1]	622	146	719	403	519	802	202	1,237	751
State and private [3 4]	402,800	472,023	520,501	726,356	737,228	748,692	773,772	783,609	805,927
Area burned	1,909	1,206	1,541	1,119	2,119	2,096	1,553	1,317	2,348
Unprotected area: Federal	-	55	65,537	54,232	54,232	54,232	54,232	54,232	54,232
State and private	32,030	30,294	45,751	70,848	101,192	98,501	93,972	89,518	115,204
Area burned	1,947	1,300	1,019	(NA)	2,472	(NA)	2,156	433	2,162
REPORTED FIRES (1,000)									
Total	103.4	113.7	121.7	134.9	241.7	174.0	218.8	163.2	234.9
On protected areas [4]	89.6	100.6	116.4	103.3	172.8	158.9	144.9	118.3	[5] 155.7
Federal area [6]	[7] 12.1	9.1	15.0	12.3	15.8	16.3	14.1	13.9	14.6
State and private	91.3	104.6	106.8	122.6	225.9	157.7	204.8	149.3	220.3
Protected	77.5	91.5	101.5	91.0	157.0	142.6	130.8	104.4	141.0
Unprotected	13.8	13.1	5.3	31.6	68.9	15.1	74.0	44.9	79.2
Cause of fires: [8]									
Incendiary (arson)	21.2	26.9	30.9	28.2	51.3	45.3	46.2	32.5	45.2
Debris burning	21.9	22.9	28.3	18.2	38.9	36.1	31.5	26.6	35.5
Smoking	16.0	16.5	14.5	10.5	17.7	15.4	13.2	10.2	12.6
Lightning	11.1	8.7	12.8	9.4	11.7	15.8	10.8	9.6	11.3
Caused by children	(NA)	(NA)	7.7	10.8	14.4	13.1	11.6	11.2	11.8
Railroads	3.9	([6])	6.8	5.2	10.8	8.1	6.9	5.5	7.2
Equipment use	(NA)	(NA)	3.4	4.6	7.7	6.7	7.1	7.2	9.2
Campfires	3.6	3.4	3.8	4.0	5.1	4.6	4.3	3.8	4.2
Miscellaneous [9]	12.0	22.1	8.1	12.4	15.2	13.7	13.3	11.7	16.7
FIRE PROTECTION EXPENDITURES [3 10] (mil. dol.)									
Total funds	56.6	76.6	113.5	169.0	189.8	217.0	212.0	216.2	(NA)
Federal	9.4	12.8	16.4	25.2	22.6	20.7	30.0	30.6	22.7
State and county	45.1	62.6	95.3	143.9	167.1	196.3	182.0	185.6	[11] 220.7
Private	2.2	1.2	1.8						

- Represents zero. NA Not available. [1] Comprises land administered by U.S. Dept. of Agriculture, U.S. Dept. of Interior, and Tennessee Valley Authority, etc. [2] Beginning 1965, includes nonforest watershed areas under U.S. Dept. of Interior protection. [3] 1960 excludes Alaska; 1975 and 1977 include Guam. [4] Includes nonforest watershed areas. [5] Includes 2,000 fires in Puerto Rico not reported by cause. [6] For protected areas only. [7] Excludes nonforested watershed lands under U.S. Dept. of Interior protection. [8] Included in various other classifications. [9] 1960, lumbering included in "Miscellaneous"; thereafter in various other classifications. [10] For fire protection on State, county, and private lands only; years ending June 30, through 1976; thereafter, ending Sept. 30. [11] State funds only.

Source: U.S. Forest Service, *Wildfire Statistics*, annual, and unpublished data.

No. 1231. Timber-Based Industries—Employment and Average Hourly Earnings: 1970 to 1982

[Data for production or nonsupervisory workers. See also *Historical Statistics, Colonial Times to 1970*, series L 212-223]

ITEM	EMPLOYEES (1,000)						EARNINGS (dollars)					
	1970	1975	1979	1980	1981	1982	1970	1975	1979	1980	1981	1982
Lumber and wood products [1]	554	517	654	578	553	494	2.96	4.26	6.07	6.55	6.99	7.46
Logging camps and contractors	(NA)	59	73	71	64	58	(NA)	5.28	7.97	8.64	9.11	9.96
Sawmills and planing mills	196	180	212	190	179	157	2.84	4.34	6.32	6.70	7.19	7.72
Millwork, plywood, and structural members	(NA)	137	190	164	159	143	(NA)	4.26	5.95	6.41	6.89	7.34
Paper and allied products	543	480	536	523	518	493	3.44	5.01	7.13	7.84	8.60	9.32
Furniture and fixtures	362	337	406	376	374	343	2.77	3.78	5.06	5.49	5.91	6.31

NA Not available. [1] Excludes furniture.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 1232. Timber Products—Production, Foreign Trade, and Consumption, by Type of Product: 1960 to 1981

[**In millions of cubic feet, roundwood equivalent.** See also *Historical Statistics, Colonial Times to 1970*, series L 72-86]

ITEM	1960	1965	1970	1974	1975	1977	1978	1979	1980	1981, prel.
Industrial roundwood:										
Domestic production [1]	8,920	10,555	11,105	11,540	10,575	11,960	12,235	12,510	11,640	10,800
Softwoods	6,930	8,130	8,635	8,815	8,380	9,430	9,515	9,695	8,830	8,070
Hardwoods	1,995	2,430	2,470	2,725	2,195	2,535	2,725	2,815	2,815	2,725
Imports	1,680	2,105	2,430	2,755	2,220	3,310	3,755	3,655	3,250	3,160
Exports	455	740	1,540	1,805	1,685	1,795	1,845	2,135	2,350	2,145
Consumption [2]	10,145	11,925	11,995	12,490	11,105	13,475	14,145	14,030	12,550	11,815
Softwoods	8,065	9,380	9,425	9,710	8,875	10,835	11,325	11,155	9,870	9,195
Hardwoods	2,080	2,545	2,565	2,780	2,230	2,640	2,825	2,875	2,680	2,615
Lumber:										
Domestic production	[3] 5,080	5,665	5,215	5,095	4,890	5,730	5,825	5,680	4,860	4,460
Imports	610	815	955	1,115	930	1,675	1,910	1,800	1,540	1,490
Exports	135	145	195	270	255	260	275	335	395	380
Consumption	5,560	6,335	5,970	5,940	5,565	7,140	7,460	7,145	6,010	5,565
Plywood and veneer:										
Domestic production	705	1,030	1,020	1,150	1,165	1,425	1,460	1,370	1,175	1,195
Imports	60	100	170	155	170	210	230	195	120	145
Exports	(z)	5	15	50	70	35	45	45	45	70
Consumption	765	1,125	1,170	1,255	1,265	1,600	1,645	1,520	1,245	1,265
Pulp products:										
Domestic production	2,575	3,095	3,835	4,220	3,485	3,845	3,745	4,110	4,390	4,130
Imports	985	1,175	1,280	1,470	1,105	1,395	1,595	1,630	1,565	1,510
Exports	275	380	720	805	715	725	720	805	1,070	1,040
Consumption	3,290	3,890	4,400	4,885	3,875	4,320	4,625	4,935	4,885	4,600
Logs: Imports	20	15	25	15	15	30	20	25	25	20
Exports	45	205	465	455	455	525	585	665	560	435
Pulpwood chips, exports	-	5	145	230	195	250	225	280	275	220
Other industrial prod. [4] consumption	510	560	425	395	385	395	405	380	360	360
Fuelwood consumption	1,300	915	540	535	570	1,030	1,570	2,270	3,115	3,510

- Represents zero. Z Less than 500,000 cubic feet. [1] Includes log exports. [2] Includes log imports. [3] Excludes Alaska and Hawaii. [4] Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, etc.

No. 1233. Timber Products—Per Capita Consumption: 1960 to 1981

[Based on total population estimated as of **July 1.** See also *Historical Statistics, Colonial Times to 1970*, series L 87-97]

PRODUCT	Unit	1960	1965	1970	1974	1975	1977	1978	1979	1980	1981, prel.
All products	**Cu. ft**	**63.3**	**66.1**	**61.1**	**60.9**	**54.1**	**65.9**	**70.6**	**72.4**	**68.8**	**66.7**
Industrial roundwood	Cu. ft	56.1	61.4	58.5	58.4	51.4	61.2	63.5	62.3	55.1	51.4
Lumber	Cu. ft	30.8	32.6	29.1	27.8	25.8	32.4	33.5	31.7	26.4	24.2
Plywood and veneer	Cu. ft	4.2	5.8	5.7	5.9	5.9	7.3	7.4	6.8	5.5	5.5
Pulp products	Cu. ft	18.2	20.0	21.4	22.8	17.9	19.6	20.8	21.9	21.4	20.0
Other products	Cu. ft	2.8	2.9	2.1	1.8	1.8	1.7	1.8	1.8	1.7	1.6
Fuelwood	Cu. ft	7.2	4.7	2.6	2.5	2.6	4.7	7.1	10.1	13.7	15.3
Lumber	Bd. ft	199	212	193	188	171	213	219	209	174	160
Plywood and veneer	Bd. ft	25	35	34	33	32	39	40	37	30	30
Pulp products	Cords (128 cu. ft.)	.2	.3	.3	.3	.2	.2	.3	.3	.3	.3

Source of tables 1232 and 1233: U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-82*, annual.

NO. 1234. SELECTED TIMBER PRODUCTS—PRODUCER PRICE INDEXES: 1960 TO 1982

[1967=100. 1960 excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series L 206-210]

PRODUCT	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Lumber products	92	94	114	205	207	193	233	277	322	354	326	325	311
Softwood lumber	93	93	113	214	211	201	248	297	346	380	345	343	322
Douglas fir	89	92	109	210	214	212	251	291	340	384	353	312	266
Southern pine	94	91	115	188	185	175	217	263	305	324	297	292	286
Ponderosa pine, #3 boards	104	94	116	264	248	211	271	340	385	466	422	(NA)	(NA)
Hardwood lumber	91	97	115	169	190	160	176	200	236	260	252	255	262
Oak, red, flooring, select	99	108	113	202	203	159	(NA)	227	285	359	323	(NA)	(NA)
Gum #1, common	68	82	93	142	159	115	125	127	164	182	182	(NA)	(NA)
Poplar #1, common	80	86	105	150	173	121	131	137	163	174	167	(NA)	(NA)
Birch #1, common	89	96	91	123	140	122	127	137	144	157	165	(NA)	(NA)
Plywood	110	104	108	155	161	161	187	212	236	251	247	246	232
Softwood	113	106	114	194	187	201	248	296	326	323	309	307	282
Hardwood	105	101	103	113	130	120	123	128	140	169	177	180	181
Insulation board	114	98	111	122	134	144	161	178	203	199	208	242	251
Woodpulp	102	100	110	128	218	283	286	281	267	315	380	397	379
Paper	93	95	111	121	149	173	182	194	206	230	257	280	286
Paperboard	105	102	101	115	152	170	176	176	180	202	235	258	255
Containerboard	106	104	99	113	146	172	176	172	173	198	231	253	246
Hardboard and particleboard	104	104	93	106	115	114	124	141	170	166	191	213	220

NA Not available.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, annual.

NO. 1235. SELECTED SPECIES—STUMPAGE AND LOG PRICES IN CURRENT AND CONSTANT (1967) DOLLARS: 1960 TO 1982

[**In dollars per 1,000 board feet.** Stumpage prices are based on sales of sawtimber from National Forests. See also *Historical Statistics, Colonial Times to 1970*, series L 199-205]

SPECIES	1960	1965	1970	1974	1975	1977	1978	1979	1980	1981	1982
CURRENT DOLLARS											
Softwoods:											
Douglas-fir [1]	32.00	42.60	41.90	202.40	169.50	225.90	250.30	394.40	432.20	350.20	118.20
Southern pine [2]	34.50	31.70	44.10	76.20	57.00	100.30	134.50	155.20	155.40	172.00	127.20
Sugar pine [3]	29.00	23.30	38.50	104.00	99.20	169.60	159.60	365.00	666.60	225.20	71.90
Ponderosa pine [4]	19.10	19.80	32.10	100.60	71.20	131.40	164.70	239.00	206 10	195.20	66.90
Western hemlock [5]	10.50	19.10	20.50	110.80	68.80	89.30	113.60	200.80	212.70	163.40	44.50
Hardwoods: [6]											
All eastern hardwoods	22.80	25.00	26.90	45.90	33.90	37.90	41.10	46.60	52.40	50.90	56.40
Oak, white, red, and black	23.40	21.30	26.60	54.70	29.70	60.00	59.20	68.80	65.60	63.20	70.80
Maple	35.00	31.90	34.40	79.50	39.60	42.10	57.40	33.90	37.40	41.50	34.30
Douglas-fir log prices: [7]											
Saw logs [8]	58.40	63.00	89.30	180.50	168.70	242.60	284.60	382.20	379.80	331.40	308.80
Peeler logs [9]	100.10	93.90	136.60	299.30	274.40	322.20	446.40	571.30	584.40	563.90	460.90
CONSTANT (1967) DOLLARS											
Softwoods:											
Douglas-fir [1]	33.70	44.10	38.00	126.40	96.90	116.30	119.60	167.40	160.80	119.40	39.50
Southern pine [2]	36.40	32.80	39.90	47.60	32.60	51.60	64.30	65.90	57.80	58.60	42.50
Sugar pine [3]	30.60	24.10	34.90	65.00	56.70	87.30	76,30	154.90	248.00	76.80	24.00
Ponderosa pine [4]	20.10	20.50	29.10	62.80	40.70	67.70	78.70	101.40	76.70	66.50	22.40
Western hemlock [5]	11.10	19.80	18.60	69.20	39.30	46.00	54.30	85.20	79.10	55.70	14.90
Hardwoods: [6]											
All eastern hardwoods	24.00	25.90	24.40	28.70	19.40	19.50	19.60	19.90	19.50	17.90	18.80
Oak, white, red, and black	24.70	22.00	24.10	34.20	17.00	30.90	28.30	29.20	24.40	21.50	23.70
Maple	36.90	33.00	31.20	49.70	22.60	21.70	27.40	14.40	13.90	14.10	11.50
Douglas-fir log prices: [7]											
Saw logs [8]	61.50	65.20	80.90	112.70	96.50	125.00	136.00	162.20	141.30	113.00	103.20
Peeler logs [9]	105.50	97.20	123.70	186.90	156.90	165.90	213.30	242.50	217.40	192.20	154.00

[1] Western Washington and western Oregon. [2] Southern region. [3] Pacific Southwest region (formerly California region). [4] Pacific Southwest region (formerly California region). Includes Jeffrey pine. [5] Pacific Northwest region. [6] Eastern and Southern regions. [7] (Scribner log scale.) Prices are for western Washington and northwest Oregon and represent average transactions which may take place at a variety of points in the distribution process, e.g., at a river dump, reloading or truck scaling station, or on delivery to a mill. [8] Includes mixed grades, ungraded, and, beginning 1974, grade 4 logs. [9] Includes special fir peeler or special mill grade.

Source: U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-82*, annual.

No. 1236. Lumber Production and Consumption, by Kind of Wood: 1960 to 1981

[In millions of board feet, except as indicated. 1960 excludes Alaska and Hawaii. Based on sample survey; see source for sampling variability. See also *Historical Statistics, Colonial Times to 1970,* series L 98-112 and L 122-137]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981, prel.
Total production	**32,926**	**36,762**	**34,668**	**34,608**	**32,619**	**36,295**	**37,882**	**38,270**	**37,678**	**32,322**	**28,624**
Softwoods [1]	26,672	29,295	27,530	27,704	26,747	29,878	31,202	31,273	30,411	25,264	22,313
Cedar	(s)	633	633	811	821	934	967	929	837	722	761
Douglas fir	8,832	8,783	7,727	7,901	7,329	8,207	8,543	8,601	8,425	6,853	5,732
Hemlock	2,032	2,576	1,980	2,105	2,020	2,454	2,439	2,728	2,505	1,855	1,688
Ponderosa pine	3,169	3,776	3,429	3,580	3,544	4,032	4,167	4,175	3,966	3,269	(s)
Redwood	1,000	1,087	1,078	1,170	1,054	1,128	1,148	917	896	770	686
Southern yellow pine	5,860	6,628	7,063	6,921	6,967	7,598	8,239	8,267	8,034	6,880	6,824
White fir	2,224	2,422	2,063	2,071	2,012	2,104	2,184	2,099	2,140	1,643	1,409
White pine	675	693	898	925	947	1,060	1,080	1,154	(s)	(s)	506
Hardwoods [1]	6,254	7,467	7,138	6,904	5,872	6,417	6,680	6,997	7,267	7,058	(s)
Ash	125	141	159	143	124	137	144	160	(s)	(s)	(s)
Beech	195	182	188	167	136	140	137	146	193	183	95
Cottonwood	206	198	229	312	253	309	355	372	374	303	(s)
Elm	195	206	155	155	117	131	149	151	151	149	78
Maple	602	786	742	574	531	569	563	561	[2] 217	[2] 225	[2] 173
Oak	2,789	3,356	3,250	3,160	2,724	2,996	3,103	3,220	3,461	3,356	1,864
Sweet gum [3]	331	387	376	294	245	286	377	412	401	371	229
Tupelo and black gum	292	385	335	331	251	277	252	267	(s)	(s)	78
Yellow poplar	592	681	606	710	555	596	605	645	673	661	413
Domestic consumption [4]	**35,225**	**40,782**	**38,073**	**38,866**	**36,099**	**42,194**	**46,969**	**48,432**	**46,292**	**38,771**	**36,281**
Percent net imports [5]	8.7	10.6	12.7	14.2	12.0	15.2	19.3	21.8	20.3	19.1	19.9
Softwoods	28,974	32,701	31,585	32,082	30,308	35,753	40,079	41,435	39,353	32,499	30,308
Per capita (bd. ft.)	164	172	155	176	142	164	182	186	175	143	132
Mill stocks, yearend	5,285	4,145	4,340	4,322	4,063	4,199	4,077	3,999	4,172	4,061	3,983
Exports	688	777	1,152	1,506	1,373	1,583	1,413	1,369	1,745	1,956	1,878
Imports	3,631	4,895	5,769	6,807	5,711	7,950	10,380	11,825	11,118	9,540	9,205
Canada [6]	3,756	4,856	5,722	6,732	5,677	7,913	10,327	11,777	11,101	9,546	9,208
Hardwoods	6,252	8,081	6,488	6,784	5,791	6,441	6,890	6,997	6,939	6,272	5,973
Per capita (bd. ft.)	35	39	32	32	27	30	32	31	31	28	26
Mill stocks, yearend	2,067	1,085	1,144	802	875	877	773	800	1,163	1,765	1,927
Exports	173	145	138	235	245	262	251	320	307	379	406
Imports	291	338	347	464	237	286	341	361	376	293	291
Canada [6]	118	161	145	115	62	83	81	103	87	72	77

S Figure does not meet publication standards. [1] Includes types not shown separately. [2] Excludes hard maple. [3] Red and sap. [4] Source except as noted, Copeland Economics Group, Inc., Stamford, Conn. [5] Imports minus exports. [6] Source: U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-82,* annual.

Source: Except as noted, U.S. Bureau of the Census, *Current Industrial Reports,* series MA-24T, annual.

No. 1237. Lumber Production, by Geographic Division: 1970 to 1981

[Data based in part on a sample of sawmills and are subject to sampling variability, see source. For composition of divisions, see fig. I, inside front cover. See *Historical Statistics, Colonial Times to 1970,* series L 113-121, for data by regions]

REGION AND DIVISION	PRODUCTION (bil. bd. ft.)										
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981, prel.
United States	**34.7**	**37.0**	**37.7**	**38.6**	**34.6**	**32.6**	**36.3**	**37.9**	**38.3**	**37.7**	**32.3**	[1] **28.6**
North [2]	4.4	4.4	4.4	4.6	4.4	4.1	4.5	4.7	4.9	5.0	4.9	(NA)
Hardwood	3.4	3.3	3.3	3.5	3.3	3.0	3.3	3.4	3.4	3.6	3.4	(NA)
Softwood	1.0	1.1	1.1	1.1	1.1	1.1	1.3	1.3	1.5	1.4	1.5	(NA)
South [2]	10.8	11.3	11.3	11.4	10.4	9.7	10.6	11.4	11.7	11.6	10.2	(NA)
Hardwood	3.6	3.5	3.3	3.4	3.4	2.7	3.0	3.1	3.3	3.5	3.3	(NA)
Softwood	7.2	7.8	8.0	8.0	7.0	7.0	7.7	8.3	8.4	8.1	6.9	(NA)
West [2 3]	19.4	21.3	22.0	22.6	19.7	18.8	21.1	21.8	21.7	21.1	17.2	(NA)
New England	.7	.7	.8	.8	.8	.8	.9	.9	1.0	1.0	1.1	.6
Middle Atlantic	.8	.8	.8	.8	.9	.7	.8	.9	.9	.9	.9	.5
East North Central	1.2	1.2	1.2	1.3	1.2	1.1	1.2	1.3	1.4	1.4	1.3	1.0
West North Central	.6	.6	.5	.6	.6	.5	.6	.6	.7	.6	.6	.2
South Atlantic	5.2	5.4	5.4	5.5	5.1	4.7	5.2	5.3	5.4	5.8	5.2	4.3
East South Central	3.4	3.6	3.6	3.6	3.4	3.0	3.3	3.6	3.7	3.6	3.2	2.8
West South Central	3.2	3.5	3.4	3.3	2.9	3.0	3.1	3.5	3.6	3.2	2.9	2.4
Mountain	4.2	4.5	4.5	4.6	3.9	3.9	4.5	4.7	4.7	4.5	3.8	3.2
Pacific	15.3	16.7	17.6	18.0	15.8	14.8	16.6	17.1	17.0	16.6	13.4	11.6

NA Not available. [1] Includes amounts not specified by division. [2] Source: U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-82,* annual. Regions are as defined by the Forest Service, see table 1228. [3] Includes small volumes of western hardwoods—about .2 billion board feet in recent years.

Source: Except as noted, U.S. Bureau of the Census, *Current Industrial Reports,* series MA-24T, annual.

No. 1238. Wood Products—Production: 1960 to 1982

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982, prel.
Hardwood flooring	Mil. bd. ft.	915	808	333	155	390	385	360	292	315	285
Softwood plywood	*Bil. sq. ft., 3/8" basis*	7.8	12.4	14.1	15.7	18.9	19.5	18.2	15.5	15.6	15.1
Insulation boards	1,000 short tons	1,098	1,256	1,219	1,249	1,403	1,425	1,351	1,051	815	800
Hardboard	1,000 short tons	686	1,093	1,463	1,784	2,237	2,416	2,291	1,970	1,858	(NA)
Particleboard	Mil. sq. ft. 3/4" basis	268	780	1,764	2,503	3,569	3,866	3,536	3,029	2,930	2,375

NA Not available.

Source: U.S. Dept. of Commerce, Bureau of Industrial Economics, *Forest Products Review,* monthly (discontinued April 1983); and unpublished data. Based on reports of U.S. Bureau of the Census and National Particleboard Association, Silver Spring, Md.

No. 1239. Pulpwood—Production, Consumption, and Prices: 1960 to 1981

[In millions of standard cords of 128 cubic feet, except as indicated. Excludes Hawaii in 1960. See *Historical Statistics, Colonial Times to 1970,* series L 166 and L 168, for similar data]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981, prel.
Production, total	**40.0**	**52.3**	**70.5**	**71.2**	**77.2**	**81.9**	**69.0**	**77.4**	**79.8**	**80.1**	**86.2**	**88.6**	**85.3**
Softwood	31.5	39.8	53.4	53.2	56.7	59.6	52.4	58.1	60.2	58.9	63.3	65.2	62.1
Hardwood	8.5	12.5	17.1	18.0	20.4	22.2	16.6	19.3	19.6	21.2	22.9	23.4	23.3
Consumption, total [1]	**40.5**	**52.0**	**67.6**	**71.5**	**73.6**	**74.3**	**65.4**	**73.2**	**73.9**	**74.2**	**77.6**	**79.7**	**79.7**
Softwood	32.1	39.7	51.3	53.6	54.8	54.6	48.9	54.8	55.7	54.9	57.9	58.8	58.8
Hardwood	8.4	12.3	16.3	17.9	18.8	19.8	16.5	18.4	18.3	19.2	19.7	20.9	20.9
Prices: (dol. per standard cord):													
Southern pine: Midsouth	16.05	16.30	18.80	20.80	23.85	28.25	28.70	29.75	31.40	33.15	40.10	43.30	50.45
Southeast	16.45	17.65	21.10	22.85	28.20	32.80	33.20	33.60	34.65	36.25	40.65	43.90	47.15
Hardwoods: Midsouth	13.10	13.80	16.95	18.55	21.30	25.30	25.70	26.50	28.10	30.35	33.90	36.70	39.50
Southeast	13.60	14.35	17.15	18.95	21.15	24.10	24.55	24.55	26.55	28.15	30.40	32.90	35.10
New Hampshire	18.50	16.50	20.00	22.00	23.50	26.50	28.50	31.65	33.00	35.00	37.00	41.50	44.00

[1] Source: U.S. Bureau of the Census, *Current Industrial Reports,* series MA-26A, monthly and annual.

Source: Except as noted, U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-81,* annual.

No. 1240. Newsprint—Production, Stocks, Consumption, Imports, and Price: 1960 to 1982

[In thousands of short tons, except price. See also *Historical Statistics, Colonial Times to 1970,* series L 192-198]

COUNTRY AND ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Canada:											
Production	6,739	7,720	8,607	7,679	8,915	8,988	9,746	9,652	9,507	9,861	8,947
Shipments from mills	6,752	7,747	8,592	7,727	8,712	9,005	9,825	9,678	9,504	9,827	8,900
Stocks at mills, end of year	140	150	236	95	299	282	203	178	182	214	276
United States:											
Total estimated consumption, all users [1]	7,313	8,483	9,706	9,254	9,611	10,228	10,874	11,240	11,121	11,205	11,150
Production	2,038	2,245	3,464	3,690	3,736	3,870	3,767	4,062	4,672	5,239	5,042
Shipments from mills	2,031	2,248	3,457	3,690	3,728	3,866	3,779	4,066	4,667	5,220	4,988
Stocks, end of year: At mills	26	19	33	21	29	34	22	18	23	42	95
At and in transit to publishers	628	573	749	734	921	796	728	692	807	1,059	941
Imports [2]	5,412	6,323	6,635	5,847	6,569	6,559	7,484	7,223	7,279	6,977	6,531
Producer price index (1967=100)	96.1	94.6	107.6	184.0	198.2	215.4	226.3	249.4	[3] 279.3	308.1	316.2

[1] Based on Newspaper Publishers Association sample of publishers. See also table 961. [2] Source: Reports of U.S. Bureau of the Census. Includes Alaska, Hawaii, and Puerto Rico and beginning 1981, Virgin Islands. [3] Average for 11 months.

Source: Except as noted, U.S. Bureau of Economic Analysis, *Survey of Current Business,* monthly. Data from American Newspaper Publishers Association, Reston, Va., and American Paper Institute, Inc., New York, N.Y.

No. 1241. Wastepaper Utilization and Recovery Rates: 1960 to 1982

[In millions of short tons, except percent. Recovery rate is ratio of total wastepaper recovered to new supply. Wastepaper utilization is the ratio of wastepaper consumption at paper and board mills to paper and board production. See *Historical Statistics, Colonial Times to 1970,* series L 175, for U.S. wastepaper consumption]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Paper and board, production [1]	33.9	43.5	51.7	51.1	58.5	60.2	62.2	64.5	63.7	64.4	61.2
Wastepaper consumption	[2] 9.0	[2] 10.2	11.8	11.7	13.6	14.1	14.8	15.4	14.9	15.0	14.6
Wastepaper utilization rate (percent)	26.5	23.4	22.8	23.0	23.3	23.3	23.7	23.8	23.4	23.7	23.9
Other wastepaper uses [3]	.20	.20	.42	.54	.63	.87	.50	.51	.47	.49	.48
Wastepaper exports [2]	.15	.29	.41	.86	1.27	1.51	1.60	2.23	2.66	2.21	2.22
Total wastepaper recovered	9.3	10.6	12.6	13.1	15.4	16.3	16.8	18.0	18.0	17.7	17.2
Paper and board, new supply [4]	38.5	48.3	56.0	54.3	62.2	64.4	68.0	70.0	67.3	68.1	64.9
Recovery rate (percent)	24.2	21.9	22.4	24.1	24.8	25.4	24.7	25.8	26.7	25.9	26.5

[1] Excludes hard pressed board; includes construction paper and board, and wet machine board (estimated at 1.7 million short tons in 1982). [2] Source: U.S. Bureau of the Census, Report FT 446. [3] Estimated. [4] Excludes production of hard pressed board.

Source: Except as noted, American Paper Institute, Inc., New York, N.Y., *Statistics of Paper, Paperboard, and Wood Pulp,* annual, and unpublished data.

No. 1242. Paper and Paperboard—Production and Consumption: 1965 to 1982

[In millions of short tons. See also *Historical Statistics, Colonial Times to 1970*, series L 172, L 174, and L 178–191]

ITEM	PRODUCTION						CONSUMPTION [1]					
	1965	1970	1975	1980	1981	1982	1965	1970	1975	1980	1981	1982
Total paper and paperboard	43.5	51.7	51.1	63.7	64.4	61.2	48.3	56.0	54.3	67.3	68.1	64.9
Paper	19.2	23.4	23.4	30.2	31.0	30.4	25.1	29.8	28.4	37.1	37.5	36.7
Newsprint	2.2	3.5	3.7	4.7	5.2	5.0	8.5	9.8	9.0	11.8	11.9	11.3
Coated printing, converting	2.8	3.3	3.2	4.7	4.9	5.0	2.8	3.2	3.1	4.7	4.9	5.0
Uncoated free sheet	4.2	5.1	5.4	8.0	7.9	7.9	4.2	5.1	5.3	8.1	7.9	8.0
Other printing, writing, etc.	2.3	2.6	2.5	2.9	2.9	2.8	2.4	2.7	2.6	3.2	3.2	3.2
Packaging and industrial converting	4.7	5.2	4.7	5.6	5.6	5.3	4.5	5.1	4.4	5.3	5.3	5.1
Tissue and other machine creped	2.9	3.7	4.0	4.4	4.5	4.4	2.9	3.7	3.9	4.3	4.5	4.4
Paperboard	21.3	25.4	24.8	31.0	31.2	29.1	20.2	23.2	22.8	27.2	26.2	26.2
Unbleached kraft	8.3	11.5	11.5	15.3	15.6	14.5	7.4	9.9	10.5	13.0	13.8	12.7
Bleached kraft	2.8	3.3	3.3	3.9	3.9	3.7	2.8	3.2	3.1	3.3	3.4	3.2
Semichemical	2.7	3.5	3.7	4.7	4.7	4.4	2.6	3.4	3.6	4.4	4.6	4.3
Recycled furnish	7.5	7.0	6.2	7.1	7.0	6.5	7.5	7.0	6.2	7.0	7.0	6.5
Construction paper and board [2]	3.0	3.0	3.0	2.6	2.1	1.7	3.0	3.0	3.0	3.0	2.5	2.0

[1] Consumption includes net imports of paper and paperboard converted products; not available by grade. [2] Includes wet machine board, approximately 100,000–160,000 tons per year; 1982 data estimated.

Source: American Paper Institute, Inc., New York, N.Y., *The Statistics of Paper, Paperboard and Woodpulp*, annual.

No. 1243. Woodpulp—New Supply and Consumption: 1960 to 1982

[In millions of short tons. 1960 excludes Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series L 169–170]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total new supply [1]	26.6	35.7	44.0	49.7	43.6	48.9	50.4	51.4	52.6	53.3	53.8	51.1
Production, total [2]	25.3	34.0	43.5	48.3	43.1	47.7	49.1	50.0	51.2	53.0	53.4	50.8
Sulphate	14.6	21.5	29.5	33.0	29.2	32.8	34.2	35.5	36.3	38.0	38.7	37.9
Groundwood [3]	3.3	3.6	4.4	4.7	4.4	4.6	4.9	4.7	4.6	5.3	5.7	5.1
Imports	2.4	3.1	3.5	4.1	3.1	3.7	3.9	4.0	4.3	4.1	4.1	3.7
Exports	1.1	1.4	3.1	2.8	2.6	2.5	2.6	2.6	2.9	3.8	3.7	3.4
Consumption in paper and board [2] [4]	25.7	34.0	43.2	48.3	42.4	47.5	48.5	49.8	51.6	52.4	53.0	50.0

[1] Production plus imports, less exports. [2] Source: U.S. Bureau of the Census, *Current Industrial Reports*, through 1980. Production includes other, not shown separately. [3] Beginning 1975, includes thermochemical pulp. [4] Includes defibrated and exploded woodpulp, plus screenings (estimated at 1.5 million short tons in 1982).

Source: Except as noted, American Paper Institute, Inc., New York, N.Y., *Statistics of Paper, Paperboard, and Wood Pulp*, annual, and *Monthly Statistical Summaries*.

No. 1244. Logs—Exports and Imports: 1960 to 1982

[See also *Historical Statistics, Colonial Times to 1970*, series L 136–150]

ITEM	VOLUME (mil. bd. ft., log scale)						VALUE (mil. dol.)					
	1960	1970	1975	1980	1981	1982	1960	1970	1975	1980	1981	1982
Exports	266	2,741	2,667	3,261	2,534	3,208	29	356	724	1,581	1,095	1,258
Softwoods	210	2,672	2,601	3,109	2,377	3,115	16	320	681	1,452	1,003	1,174
Hardwoods	56	69	66	152	157	93	13	36	43	129	92	84
Imports	112	144	85	128	101	117	9	13	16	20	20	26
Softwoods	32	107	69	114	88	99	1	9	12	17	17	23
Hardwoods	80	38	17	13	14	18	7	5	3	3	3	3

No. 1245. Plywood—Production, Imports, Exports, Consumption, and Value of Shipments: 1960 to 1981

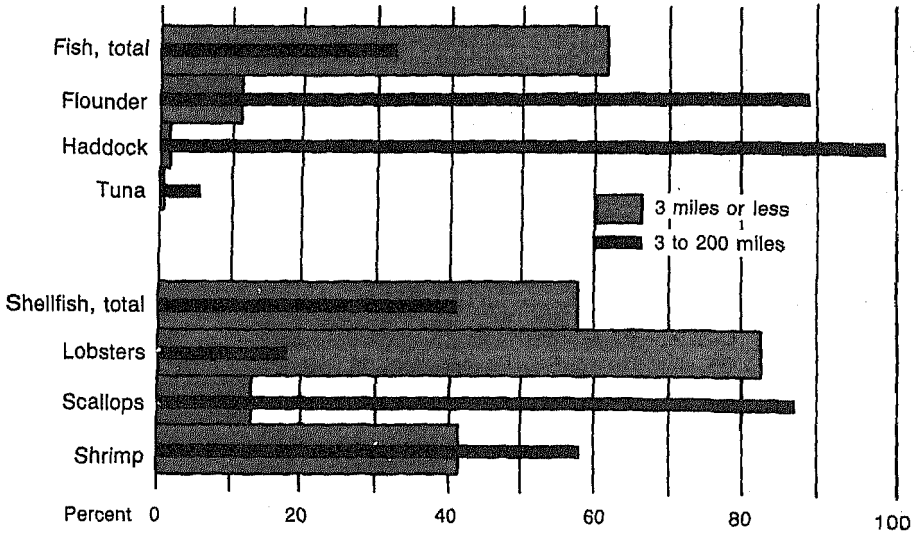
[See also *Historical Statistics, Colonial Times to 1970*, series L 151–165]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
Total production	Mil. sq. ft. ⅜" basis	8,861	14,477	15,945	16,758	18,989	20,065	20,676	19,354	16,521	16,720
Softwood	Mil. sq. ft. ⅜" basis	7,759	12,428	14,149	15,706	17,906	18,877	19,492	18,204	15,483	15,714
Hardwood	Mil. sq. ft. ⅜" basis	1,102	2,049	1,796	1,052	1,083	1,187	1,185	1,150	1,038	1,006
Imports	Mil. sq. ft. ⅜" basis	725	1,052	2,049	1,925	2,368	2,273	2,555	2,097	1,235	1,511
Exports	Mil. sq. ft. ⅜" basis	15	37	172	859	795	357	328	430	413	733
Consumption	Mil. sq. ft. ⅜" basis	9,571	15,492	17,822	17,823	20,561	21,981	22,903	21,021	17,344	17,497
Total shipments [1]	Mil. dol.	(NA)	1,124	1,268	2,073	2,779	3,602	4,078	3,822	3,233	3,096
Softwood	Mil. dol.	(NA)	775	959	1,726	2,362	3,125	3,549	3,218	2,670	2,522
Hardwood	Mil. dol.	(NA)	349	310	347	417	477	529	604	563	574

NA Not available. [1] Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-24F and MA-24H, both annual. Includes interplant transfers.

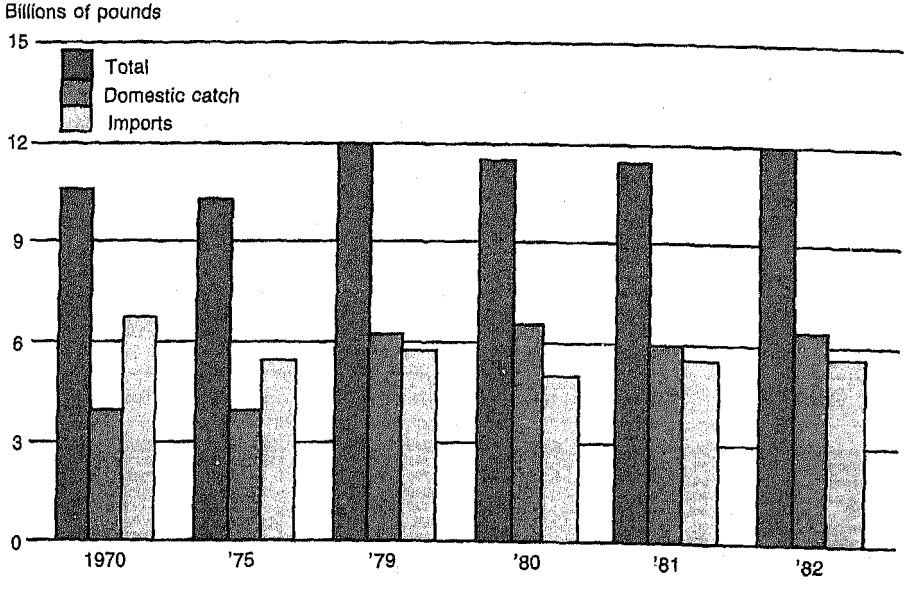
Source of tables 1244 and 1245: Except as noted, U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950–82*, annual.

Figure 26.1
U.S. Catch of Fish and Shellfish, by Distance Caught Off U.S. Shores: 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1256.

Figure 26.2
***Fishery Products*—Supply: 1970 to 1982**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1249.

Section 26

Fisheries

This section presents statistics on commercial fishing and the fish processing industry. The principal sources of these data are *Fishery Statistics of the United States,* and *Fisheries of the United States,* both issued annually by the National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA).

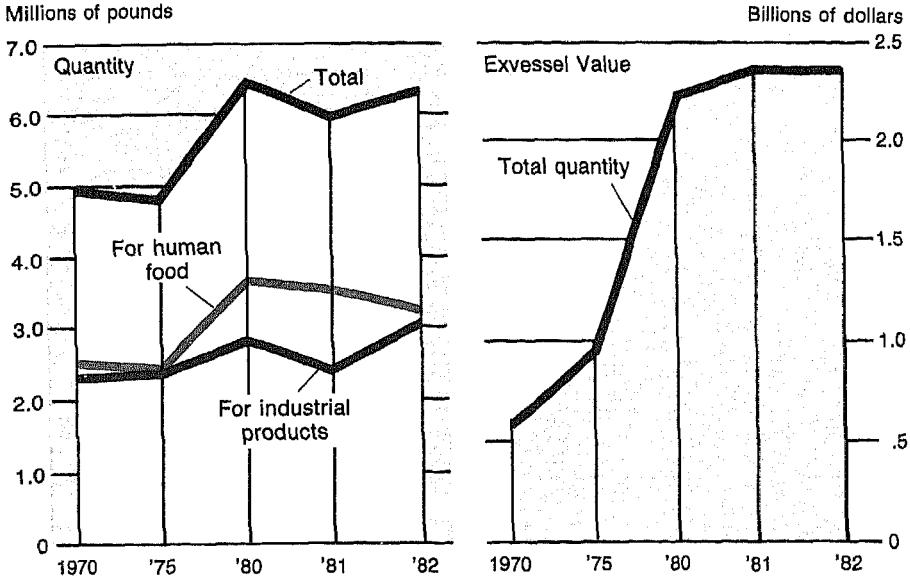
The NMFS collects and disseminates data on commercial landings of fish and shellfish, freezings and holdings of fishery products, fish meal and oil production, and foreign trade in fishery products. Quarterly data are published on U.S. output of fish sticks, fish portions, and breaded shrimp. Annual reports include quantity and value of commercial landings of fish and shellfish (by species, region, State, and type of fishing gear), disposition of landings, number of fishermen, and number and kinds of fishing vessels and fishing gear. Reports for the fish-processing industry include annual output of canned, packaged, and industrial products and, for the wholesaling and fish processing establishments, annual and seasonal employment, and number of firms, by product and State.

The Magnuson Fishery Conservation and Management Act of 1976 established a Fisheries Conservation Zone (FCZ) which gives the Federal Government exclusive authority over domestic and foreign fisheries within 200 nautical miles of U.S. shores and over certain living marine resources beyond the FCZ. Within the FCZ, the total allowable level of foreign fishing, if any, is that portion of the "optimum yield" not harvested by U.S. vessels. Adjustments in the "optimum yield" level may occur periodically. For details, see *Fisheries of the United States, 1982.* The NMFS collects and disseminates data on catches by foreign fishing vessels in the FCZ.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 26.3

Fisheries—Quantity and Value of Domestic Catch: 1970 to 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1246 and 1249.

No. 1246. Fisheries—Quantity and Value of Domestic Catch: 1940 to 1982

[Prior to 1950, excludes Hawaii. See also *Historical Statistics, Colonial Times to 1970,* series L 224–226, L 229, and L 310]

Year	Quantity (mil. lb.[1])			Ex-vessel value (mil. dol.)	Average price per lb. (cents)	Year	Quantity (mil. lb.[1])			Ex-vessel value (mil. dol.)	Average price per lb. (cents)
	Total	For human food	For industrial products[2]				Total	For human food	For industrial products[2]		
1940	4,060	2,675	1,385	99	2.4	1973	4,656	2,398	2,460	937	19.9
1945	4,598	3,167	1,431	270	5.9	1974	4,967	2,496	2,471	932	18.7
1950	4,901	3,307	1,594	347	7.1	1975	4,877	2,465	2,412	977	20.0
1955	4,809	2,579	2,230	339	7.1	1976	5,388	2,775	2,613	1,349	25.0
1960	4,942	2,498	2,444	354	7.2	1977, prel.	5,198	2,900	2,298	1,515	29.1
1965	4,777	2,587	2,190	446	9.3	1978, prel.	6,028	3,177	2,851	1,854	30.7
1970	4,917	2,537	2,380	613	12.5	1979, prel.	6,267	3,318	2,949	2,234	35.6
1971	5,018	2,441	2,577	651	13.0	1980, prel.	6,482	3,654	2,828	2,237	34.5
1972	4,806	2,435	2,371	748	15.6	1981, prel.	5,977	3,547	2,430	2,388	40.0
						1982, prel.	6,367	3,285	3,082	2,390	37.5

[1] *Live weight.* [2] *Meal, oil, fish solubles, homogenized condensed fish, shell products, bait, and animal food.*

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1247. Fisheries—Employment, Fishing Craft, and Establishments: 1960 to 1981

[**In thousands.** As of **Dec. 31.** Data for employment and establishments exclude Alaska. See also *Historical Statistics, Colonial Times to 1970,* series L 254–261]

Item	1960	1965	1970	1973	1974	1975	1976	1977, prel.	1978, prel.	1979, prel.	1980, prel.	1981, prel.
Persons employed in U.S	**224**	**215**	**227**	**243**	**253**	**260**	**267**	**269**	**257**	**267**	**296**	**303**
Fishermen	130	129	140	149	161	166	174	173	172	184	193	198
Shore workers[1]	94	87	87	94	92	92	93	96	85	83	103	105
Craft used	**77**	**80**	**88**	**90**	**101**	**103**	**103**	**104**	**104**	**103**	**113**	**115**
Vessels, 5 net tons and over	12	12	14	15	16	16	17	18	18	18	19	20
Motorboats	57	64	72	72	83	85	84	84	84	84	93	93
Other boats	8	3	2	2	2	2	2	2	2	1	1	2
Fishery shore establishments	**4.2**	**4.2**	**3.7**	**3.6**	**3.5**	**3.6**	**3.6**	**3.6**	**3.3**	**3.4**	**3.6**	**3.6**

[1] Seasonal average.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1248. Fisheries—Fishermen and Craft, 1976, and Catch, 1979 to 1981, by Area

[See *Historical Statistics, Colonial Times to 1970,* series L 236–253, for data on quantity and ex-vessel value of catch]

Area	1976[1]			1979		1980[3]		1981[3]	
	Fishermen (1,000)	Fishing vessels	Fishing boats[2] (1,000)	Total catch (mil. lb.)	Value (mil. dol.)	Total catch (mil. lb.)	Value (mil. dol.)	Total catch (mil. lb.)	Value (mil. dol.)
United States	**[4] 173.6**	**[4] 16,875**	**[4] 85.9**	**6,267**	**2,234**	**6,482**	**2,237**	**5,977**	**2,388**
New England States	30.5	865	15.6	709	302	788	327	697	356
Middle Atlantic States	17.7	580	12.5	228	92	244	97	227	95
Chesapeake Bay States	25.0	1,939	15.4	639	122	718	130	603	126
South Atlantic States	10.6	1,421	6.0	488	145	473	148	543	138
Gulf States	28.1	5,193	10.0	2,129	530	1,979	463	1,700	554
Pacific Coast States	48.4	7,193	13.8	1,925	1,006	2,140	1,025	2,070	1,064
Great Lakes States	1.1	194	.5	49	11	44	14	39	12
Mississippi River States	11.7	-	11.0	[5] 86	15	85	21	85	25
Hawaii	2.7	101	1.3	14	11	11	12	13	18

- Represents zero. [1] As of Dec. 31. [2] Refers to craft having capacity of less than 5 net tons. [3] Preliminary. [4] Exclusive of duplication among regions. Computation of area amounts will not equal U.S. total. [5] Mississippi River and other areas.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual

No. 1249. Fishery Products—Supply: 1960 to 1982

[Live weight, in millions of pounds, except percent. 1977-1982 preliminary. See *Historical Statistics, Colonial Times to 1970,* series L 224-226, for domestic catch]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total	**8,223**	**10,535**	**11,474**	**9,875**	**10,164**	**11,593**	**10,579**	**11,509**	**11,831**	**11,357**	**11,353**	**12,011**
For human food	4,264	5,163	6,213	6,638	6,394	7,404	7,414	8,135	8,251	8,006	8,267	7,968
Finfish	(NA)	(NA)	(NA)	4,971	4,848	5,657	5,589	6,263	6,324	6,139	6,316	6,090
Shellfish [1]	(NA)	(NA)	(NA)	1,667	1,546	1,747	1,825	1,872	1,927	1,867	1,951	1,878
For industrial use	3,959	5,372	5,261	3,237	3,770	4,189	3,165	3,374	3,580	3,351	3,086	4,043
Domestic catch	**4,942**	**4,777**	**4,917**	**4,967**	**4,877**	**5,388**	**5,198**	**6,028**	**6,267**	**6,482**	**5,977**	**6,367**
Percent of total	60.1	45.3	42.8	50.2	47.9	46.5	49.1	52.4	53.0	57.1	52.7	53.0
For human food	2,498	2,567	2,537	2,496	2,465	2,775	2,900	3,177	3,318	3,654	3,547	3,285
Finfish	(NA)	(NA)	(NA)	1,522	1,548	1,776	1,781	2,018	2,204	2,516	2,414	2,324
Shellfish [1]	(NA)	(NA)	(NA)	974	917	999	1,119	1,159	1,114	1,138	1,133	961
For industrial use	2,444	2,190	2,380	2,471	2,412	2,613	2,298	2,851	2,949	2,828	2,430	3,082
Imports [2]	**3,281**	**5,758**	**6,557**	**4,908**	**5,287**	**6,205**	**5,381**	**5,481**	**5,564**	**4,875**	**5,376**	**5,644**
Percent of total	39.9	54.7	57.2	49.8	52.1	53.5	50.9	47.6	47.0	42.9	47.3	47.0
For human food	1,766	2,576	3,676	4,142	3,929	4,629	4,514	4,958	4,933	4,352	4,720	4,683
Finfish	(NA)	(NA)	(NA)	3,449	3,300	3,881	3,808	4,245	4,120	3,623	3,902	3,766
Shellfish [1]	(NA)	(NA)	(NA)	693	629	748	706	713	813	729	818	917
For industrial use [3]	1,515	3,182	2,881	766	1,358	1,576	867	523	631	523	656	961

NA Not available. [1] For univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc.), the weight of meats, excluding the shell, is reported. [2] Excludes imports of edible fishery products consumed in Puerto Rico; includes landings of tuna caught by foreign vessels in American Samoa. [3] Fish meal and sea herring.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1250. Fisheries—Disposition of Domestic Catch: 1960 to 1982

[Live weight catch in millions of pounds. Prior to 1960, excludes Hawaii. 1977-1982 preliminary. In addition to whole fish, a large portion of waste (400-500 million lb.) derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil in each year shown. See *Historical Statistics, Colonial Times to 1970,* series L 305-310, for similar but not entirely comparable data]

DISPOSITION	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total	**4,942**	**4,777**	**4,917**	**4,967**	**4,877**	**5,388**	**5,198**	**6,028**	**6,267**	**6,482**	**5,977**	**6,367**
Fresh and frozen	1,631	1,751	1,595	1,660	1,744	1,921	2,025	2,237	2,394	2,621	2,547	2,550
Canned	1,043	1,042	1,150	1,005	907	1,051	1,078	1,099	1,046	1,161	1,118	891
Cured	82	76	71	69	55	55	55	52	94	96	90	85
Reduced to meal, oil, etc	2,186	1,908	2,101	2,233	2,171	2,361	2,040	2,640	2,733	2,604	2,222	2,841

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1251. Fisheries, Selected Countries—Commercial Catch, 1975 to 1980, and Catch Per Capita, 1975

[In billions of pounds, live weight, except per capita. Catch of fish, crustaceans, mollusks (including weight of shells), and other aquatic plants and animals, except whales and seals. World total includes countries not shown separately]

COUNTRY	1975		1979	1980	COUNTRY	1975		1979	1980
	Total	Per capita [1] (lb.)				Total	Per capita [1] (lb.)		
World total	**146.6**	**27.1**	**157.1**	**159.2**	Iceland	2.2	147.3	3.6	3.3
United States	6.3	35.1	7.7	8.0	Philippines	3.2	73.0	3.3	3.4
Japan	21.8	148.6	21.9	23.0	Canada	2.2	40.1	3.1	2.9
Soviet Union	22.0	83.3	20.1	20.8	Korea, D.P.R. (est.)	2.3	76.5	2.9	3.1
Peru	7.6	37.9	8.1	6.0	Spain	3.3	77.8	2.7	2.7
Chile	2.0	34.8	5.8	6.2	Vietnam (est.)	2.2	48.1	2.2	2.2
Norway	5.5	103.6	5.8	5.3	Brazil	1.7	15.2	1.9	1.9
India	5.0	7.0	5.2	5.3	Mexico	1.0	10.8	1.9	2.7
Korea, Rep. of	4.2	104.3	4.8	4.6	France	1.7	46.9	1.6	1.7
Denmark	3.9	77.4	3.8	4.5	South Africa, Rep. of	1.3	15.4	1.4	1.4
Indonesia	3.0	23.6	3.9	4.1	Poland	1.8	45.2	1.3	1.4
Thailand	3.4	50.5	3.8	3.6	United Kingdom	1.1	38.1	1.1	.9

[1] 1975-1977 average.

Source: Food and Agricultural Organization of the United Nations, Rome, Italy, *Yearbook of Fishery Statistics, 1980,* vol. 50.

No. 1252. Fisheries—Catch and Value of Principal Species: 1970 to 1982

[**Catch in millions of pounds live weight, value in millions of dollars.** Data exclude landings by U.S. flag vessels at Puerto Rico and other ports outside the 50 States, and production of artificially cultivated fish and shellfish. 1979–1982 preliminary]

Species	Catch						Value					
	1970	1975	1979	1980	1981	1982	1970	1975	1979	1980	1981	1982
Fish:												
Cod, Atlantic	53	56	99	118	100	104	6	13	29	32	33	37
Flounder	169	162	209	217	201	228	23	44	83	82	86	102
Haddock	27	16	42	55	55	45	6	5	18	21	22	22
Halibut	35	21	21	19	27	33	9	16	35	17	21	29
Herring, sea	79	131	209	291	247	202	2	6	47	45	31	35
Jack mackerel	47	37	35	44	31	58	2	2	2	4	3	5
Menhaden	1,837	1,803	2,604	2,497	2,105	2,786	34	49	109	112	81	108
Ocean perch, Atlantic	55	32	34	24	19	19	3	3	7	6	5	5
Pollock	9	21	41	43	41	35	1	2	7	7	9	7
Salmon, Pacific	410	202	536	614	648	607	99	107	413	357	438	392
Tuna	393	393	364	399	341	261	75	107	158	233	206	148
Whiting	45	42	35	36	37	36	4	4	6	6	7	8
Shellfish:												
Clams (meats)	99	113	92	95	121	108	29	43	79	90	107	97
Crabs	277	306	489	523	446	350	39	81	284	291	297	282
Lobsters, American	34	30	37	37	37	39	33	51	72	75	87	91
Oysters (meats)	54	53	48	49	50	54	29	45	66	70	69	76
Scallops (meats)	11	14	34	30	46	34	12	23	112	114	128	96
Shrimp	367	347	336	340	355	284	130	226	472	403	463	509

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

No. 1253. Prices Received by Fishermen and Vessel Owners: 1970 to 1982

[**Cents per pound. Live weight.** 1977–1982 data are preliminary. Based on prices received by fishermen and vessel owners. See also *Historical Statistics, Colonial Times to 1970*, series L 321–337]

Species	Point of pricing	1970	1974	1975	1977	1978	1979	1980	1981	1982
Fish:										
Cod	Massachusetts	13.1	19.6	24.2	22.6	25.4	29.3	27.3	33.0	36.2
Flounder	Massachusetts	15.3	26.5	34.9	41.7	50.5	47.2	42.4	57.9	56.7
Haddock	Massachusetts	25.8	36.9	32.8	31.9	31.9	42.6	38.7	39.4	49.5
Menhaden	(No specific point)	1.8	3.3	2.7	3.8	3.8	4.2	4.5	3.8	3.8
Ocean perch	Maine, Massachusetts	4.9	8.1	10.3	15.3	17.1	21.0	23.0	28.3	27.4
Salmon, chinook	(No specific point)	55.4	64.2	85.9	137.6	133.8	173.5	166.3	182.5	182.3
Salmon, coho	(No specific point)	39.3	67.8	77.6	107.4	118.6	142.5	109.7	94.5	99.4
Tuna, albacore	(No specific point)	26.7	38.5	33.3	58.7	60.6	64.7	80.1	91.0	69.1
Shellfish:										
Clams, soft	Maine	47.5	76.4	86.9	118.3	124.3	144.6	150.7	156.7	152.3
Crabs, blue, hard	Maryland, Virginia	6.6	12.7	15.7	20.1	20.5	19.1	20.3	23.4	32.2
Lobsters, American	*Maine*	94.7	141.0	161.5	173.6	177.1	180.3	189.7	206.6	221.6
Oysters, eastern	Maryland, Virginia	61.1	70.1	80.1	110.7	110.7	125.9	131.3	128.2	129.5
Sea scallops	New Bedford, Mass	135.6	154.3	188.8	165.8	253.5	340.3	404.2	406.8	384.2
Shrimp	So. Atlantic, Gulf	47.6	73.3	107.0	113.3	130.6	185.4	149.0	173.1	218.6

Source: U.S. National Oceanic and Atmospheric Administration, *Prices Received by Fishermen*, H.S. No. 12 (C.F.S. No. 4657 Revised), *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

No. 1254. Commercial Fishery Products—Per Capita Consumption: 1955 to 1982

[**Pounds of edible meat.** 1977–1982 preliminary. Based on U.S. Bureau of the Census estimates of the civilian resident population as of July 1. See also *Historical Statistics, Colonial Times to 1970*, series L 294–304]

Product	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total	10.5	10.3	10.8	11.8	12.5	12.8	12.1	12.2	12.9	12.7	13.4	13.0	12.8	12.9	12.3
Fresh and frozen	5.9	5.7	6.0	6.9	7.1	7.4	6.9	7.5	8.2	7.7	8.1	7.8	8.0	7.8	7.7
Fish [1]	4.2	3.8	3.8	4.5	4.7	5.2	4.4	4.9	5.6	5.1	5.5	5.4	5.5	5.0	5.1
Shellfish	1.7	1.9	2.2	2.4	2.4	2.2	2.5	2.6	2.6	2.6	2.6	2.4	2.5	2.8	2.6
Canned	3.9	4.0	4.3	4.5	4.9	5.0	4.7	4.3	4.2	4.6	5.0	4.8	4.5	4.8	4.3
Tuna	1.4	2.0	2.3	2.5	2.9	3.1	3.1	2.9	2.8	2.9	3.3	3.3	2.9	3.1	2.7
Salmon	1.0	.7	.9	.7	.7	.4	.3	.4	.4	.5	.6	.6	.5	.5	.5
Shellfish	.4	.4	.5	.5	.5	.5	.5	.4	.4	.6	.5	.5	.5	.5	.4
Sardines	.6	.4	.3	.4	.4	.5	.4	.2	.3	.3	.3	.3	.3	.4	.3
Other	.5	.5	.3	.4	.4	.5	.4	.4	.3	.3	.4	.3	.3	.3	.4
Cured	.7	.6	.5	.4	.5	.4	.5	.4	.5	.4	.3	.4	.3	.3	.3

[1] Beginning 1973, includes consumption of artificially cultivated catfish.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

No. 1255. Catch, Catch Limits, and Principal Species Caught by Countries in the U.S. Fishery Conservation Zone (FCZ), by Country: 1980 to 1982

[In millions of pounds live weight. Data are preliminary. Excludes tuna. (In 1980, U.S. domestic catch of tuna in FCZ was 25 mil. lb., in 1981, 35 mil lb., and in 1982, 23 mil. lb.). Allocations (catch limits) set by species for countries fishing within 200 to 300 miles of U.S. shores. For details, see text, p. 701, and source]

COUNTRY	ACTUAL CATCH			ALLOCATION			Principal species caught
	1980	1981	1982	1980	1981	1982	
Total catch in FCZ	**5,591**	**5,968**	**5,427**	(X)	(X)	(X)	**Pollock, menhaden, whiting.**
U.S.	2,003	2,320	2,308	(X)	(X)	(X)	Pollock, menhaden, Atlantic cod.
Foreign	3,588	3,648	3,119	[1] 4,799	[1] 4,638	[1] 4,270	(X).
Japan	2,602	2,558	2,384	3,095	3,140	3,039	Pollock, flounder, Pacific cod.
U.S.S.R.	128	(X)	(X)	169	(X)	(X)	Whiting, Alaska pollock, flounder.
Korea, Rep. of	463	536	535	534	592	677	Pollock, Pacific cod, flounder.
Poland	239	362	(X)	529	508	(X)	Herring, whiting, squid.
Canada	65	66	66	(X)	(X)	(X)	Scallops, Atlantic cod, haddock.
Spain	39	43	34	79	62	36	Squid, whiting, butterfish.
Italy	21	26	33	52	50	45	Squid, butterfish, hake.
Germany, Fed. Rep. of	14	26	36	53	53	49	Alaska pollock, Pacific cod, Atka mackerel.
Bulgaria	(X)	16	16	1	50	40	Whiting, jack mackerel, rockfishes.
Ireland	(X)	(X)	(X)	(X)	(X)	(X)	Squid, herring, mackerel.
Mexico	3	(X)	(X)	64	(X)	(X)	Squid, butterfish, pollock.
China (Taiwan)	12	13	15	22	48	47	Pollock, Pacific cod, flounder.
Cuba	2	(X)	(X)	19	15	(X)	Mackerel (Atl.), whiting, herring.
Romania	(Z)	(X)	(X)	4	(X)	(X)	Mackerel (Atl.), whiting, squid.

X Not applicable. Z Less than 500,000 pounds. [1] Includes countries not shown separately.

No. 1256. U.S. Catch and Value of Fish and Shellfish, by Distance Caught Off U.S. Shores—Selected Species: 1982

[Preliminary. Catch is shown in live weight, except as indicated. Includes landings by U.S. flag vessels at Puerto Rico and other ports outside the 50 States and catch by U.S. flag vessels unloaded onto foreign vessels within the U.S. FCZ (joint venture)]

SPECIES	Total U.S. catch [1] (mil. lb.)	BY DISTANCE FROM U.S. SHORES						Value of U.S. catch [1] (mil. dol.)	PERCENT OF TOTAL VALUE, BY DISTANCE CAUGHT OFF U.S. SHORES		
		Catch (mil. lb.)			Percent of U.S. catch						
		3 miles or less [2]	3 to 200 miles	Over 200 miles	3 miles or less [2]	3 to 200 miles	Over 200 miles		3 miles or less [2]	3 to 200 miles	Over 200 miles
Fish, total [3]	**6,122.5**	**3,769.9**	**1,929.0**	**423.6**	**61.6**	**31.5**	**6.9**	**1,316.9**	**48.5**	**34.8**	**16.7**
Cod, Atlantic	104.4	3.7	100.8	–	3.5	96.5	–	37.4	3.7	96.3	–
Flounder	287.1	30.1	254.0	3.0	10.5	88.5	1.0	106.3	13.6	85.7	.7
Haddock	44.8	.3	44.5	–	.7	99.3	–	22.3	.7	99.3	–
Halibut	33.3	12.5	20.7	–	37.7	62.3	–	28.6	36.5	63.5	–
Herring, sea	202.3	187.2	15.1	–	92.5	7.5	–	36.4	98.0	2.0	–
Jack mackerel	57.8	5.5	52.3	–	9.5	90.5	–	5.3	9.5	90.5	–
Menhaden	2,766.1	2,533.8	232.2	–	91.6	8.4	–	107.7	91.8	8.2	–
Ocean perch	24.9	–	24.9	–	–	100.0	–	5.1	–	100.0	–
Salmon, Pacific	607.4	591.7	15.7	–	97.4	2.6	–	391.9	92.8	7.2	–
Tuna	439.4	.5	23.3	415.6	.1	5.3	94.6	236.9	.3	7.9	91.8
Whiting	35.5	2.5	33.0	–	7.0	93.0	–	7.9	6.6	93.4	–
Shellfish [3]	**1,000.8**	**579.3**	**401.9**	**19.6**	**57.9**	**40.1**	**2.0**	**1,248.8**	**45.0**	**50.4**	**4.6**
Clams (meats)	108.3	37.2	71.1	–	34.3	65.7	–	97.3	67.5	32.5	–
Crabs	349.6	245.4	104.2	–	70.2	29.8	–	282.2	40.5	59.5	–
Lobsters	45.9	37.9	8.0	–	82.6	17.4	–	107.1	81.0	19.0	–
Scallops (meats)	34.1	4.2	29.9	–	12.3	87.7	–	96.4	16.6	83.4	–
Shrimp	283.7	116.9	163.7	3.1	41.2	57.7	1.1	509.1	34.8	63.5	1.7

– Represents zero. [1] Includes catch from international waters or off foreign shores. [2] Includes all landings in Great Lakes and other inland waters. [3] Includes other species not shown separately.

No. 1257. Supply of Tuna, Salmon, and Sardines: 1970 to 1982

[In million of pounds. 1977–82 preliminary]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Tuna: Domestic landings, live weight	478	519	557	570	665	469	566	508	500	490	439
Imports, fresh and frozen, live weight	465	317	839	517	641	670	862	800	767	765	589
Canned tuna, total supply	510	675	714	582	658	583	757	674	666	698	627
From domestic landings	204	224	250	261	287	207	257	218	215	217	197
From imported fresh and frozen	234	412	411	269	312	341	448	402	387	410	343
Imported canned	72	39	53	52	59	35	52	54	64	71	88
Canned salmon, for U.S. consumption	168	55	80	58	108	115	116	98	126	158	78
Domestic pack	183	72	88	78	125	136	149	149	200	221	119
Exports	17	17	8	23	20	21	33	51	74	63	41
Canned sardines, total supply	66	91	94	57	79	74	75	80	71	93	66
Maine sardines	19	23	25	26	25	23	26	30	20	38	16
Imports	47	67	69	31	54	50	49	50	51	55	50

Source of tables 1255–1257: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1258. Fisheries—Quantity and Value of Catch, by States, and Catch of Principal Species, by Areas: 1965 to 1982

[Catch in millions of pounds, live weight, except as indicated; ex-vessel value in millions of dollars. See also *Historical Statistics, Colonial Times to 1970*, series L 262-293]

Area, State, Catch, and Value	1965	1970	1974	1975	1976	1977, prel.	1978, prel.	1979, prel.	1980, prel.	1981, prel.	1982, prel.
New England:											
Catch	702	531	523	498	547	581	661	709	788	697	687
Value	75	91	124	154	174	203	256	302	327	356	374
Maine:											
Catch	205	159	148	138	178	182	190	232	245	238	217
Value	22	31	41	48	54	62	69	80	93	104	101
New Hampshire:											
Catch	1	1	3	3	3	4	5	8	19	8	8
Value	1	1	1	1	1	2	2	3	5	4	4
Massachusetts:											
Catch	442	287	270	274	289	319	377	375	438	370	344
Value	46	47	62	83	96	114	152	176	178	197	204
Rhode Island:											
Catch	49	79	97	79	72	72	84	88	81	80	113
Value	5	11	17	19	21	23	29	36	46	49	55
Connecticut:											
Catch	5	5	5	4	5	4	5	6	5	1	6
Value	2	2	3	3	2	2	4	7	5	2	10
Catch for certain species:											
Cod	35	53	58	55	55	75	86	97	118	100	104
Flounder	112	104	81	77	80	88	87	98	118	112	128
Haddock	134	27	8	16	13	28	39	42	55	55	45
Herring, sea	75	66	71	79	110	112	111	143	184	139	73
Lobster, American	29	30	26	29	30	30	34	36	36	36	37
Ocean perch, Atlantic	84	55	41	32	32	35	36	34	24	19	19
Pollock	12	9	20	21	24	29	39	34	40	37	31
Whiting	75	40	20	33	37	33	35	16	18	20	24
Middle Atlantic:											
Catch	356	140	211	188	269	213	201	228	244	228	129
Value	25	30	44	50	69	70	79	92	97	95	93
New York:											
Catch	147	32	35	37	35	32	36	37	39	36	36
Value	12	16	25	28	32	31	34	38	45	45	45
New Jersey:											
Catch	160	98	167	144	227	179	164	189	201	189	90
Value	11	13	17	20	35	38	44	53	50	48	45
Delaware:											
Catch	48	10	9	7	7	2	1	2	4	3	4
Value	1	1	2	2	2	1	1	1	2	2	2
Catch for certain species:											
Clams (meats)	52	63	42	53	43	50	43	46	40	49	54
Menhaden	151	31	108	67	151	98	83	100	121	104	2
Oysters (meats)	1	1	3	3	4	2	2	3	3	2	2
Scup or porgy	17	4	10	10	9	9	11	8	8	10	7
Chesapeake Bay:											
Catch	592	630	597	509	587	668	599	639	717	603	791
Value	40	41	58	56	74	86	94	122	130	126	120
Maryland:											
Catch	87	80	70	64	58	60	60	66	80	115	100
Value	13	19	22	23	31	31	33	37	45	57	51
Virginia:											
Catch	505	551	530	445	529	608	539	573	637	488	691
Value	27	22	36	33	43	55	61	85	85	69	69
Catch for certain species:											
Alewives	38	21	15	12	4	1	2	2	1	1	1
Clams (meats)	11	23	67	47	24	28	28	30	36	36	31
Crabs	86	70	68	62	47	59	54	66	65	64	100
Menhaden	360	450	385	322	446	509	428	461	546	411	606
Oysters (meats)	21	25	25	23	21	18	22	20	21	22	18
South Atlantic:											
Catch	357	280	305	333	318	345	399	488	473	543	427
Value	27	30	51	64	74	72	96	145	148	138	164
North Carolina:											
Catch	234	173	207	238	226	252	300	390	356	432	308
Value	9	9	18	20	28	29	41	58	69	58	64
South Carolina:											
Catch	27	16	19	20	21	16	21	21	21	16	20
Value	5	4	7	13	14	10	16	26	20	14	24
Georgia:											
Catch	20	14	18	18	15	13	17	22	19	19	20
Value	4	4	7	12	12	9	14	28	20	13	22
Florida (east coast):											
Catch	76	76	61	57	56	64	61	55	77	76	65
Value	8	12	19	19	20	24	25	33	39	53	48
Catch for certain species:											
Crabs	46	43	38	31	27	31	47	49	55	60	62
Menhaden	192	136	134	167	145	171	206	259	218	324	197
Shrimp	26	21	27	25	26	18	20	32	33	17	26

See footnotes at end of table.

No. 1258. Fisheries—Quantity and Value of Catch, by States, and Catch of Principal Species, by Areas: 1965 to 1982—Continued

[Catch in millions of pounds, live weight, except as indicated; ex-vessel value in millions of dollars. 1977–1982 preliminary. See also *Historical Statistics, Colonial Times to 1970*, series L 262–293]

Area, State, Catch, and Value	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Gulf States:											
Catch	1,463	1,698	1,776	1,654	1,743	1,476	2,287	2,129	1,979	1,700	2,300
Value	114	167	242	271	386	405	473	530	463	554	614
Florida (west coast):											
Catch	136	116	123	116	111	103	110	108	115	139	116
Value	27	31	52	57	69	71	73	91	86	119	114
Alabama:											
Catch	18	30	34	31	32	34	30	31	25	32	25
Value	5	10	17	21	34	37	35	49	25	43	46
Mississippi:											
Catch	368	298	301	306	288	313	374	379	332	260	379
Value	9	11	16	14	21	26	27	32	25	29	38
Louisiana:											
Catch	787	1,107	1,223	1,115	1,219	918	1,674	1,529	1,412	1,161	1,697
Value	37	61	86	86	135	138	190	199	174	190	231
Texas:											
Catch	154	147	94	86	93	108	99	80	94	108	84
Value	36	53	72	93	127	133	148	159	153	173	184
Catch for certain species:											
Crabs	38	36	43	41	39	43	41	42	45	41	41
Menhaden	1,023	1,209	1,296	1,197	1,238	986	1,809	1,718	1,548	1,218	1,883
Mullet	34	27	28	26	19	16	27	22	31	32	25
Oysters (meats)	19	18	15	19	22	18	18	15	17	17	24
Shrimp	195	230	186	170	210	266	248	207	208	268	210
Great Lakes: [1]											
Catch	56	72	78	62	67	65	68	49	44	39	36
Value	6	6	11	9	11	9	10	11	14	12	13
Superior:											
Catch	9	5	6	5	6	5	5	(NA)	(NA)	(NA)	(NA)
Value	1	1	2	2	2	2	2	(NA)	(NA)	(NA)	(NA)
Michigan:											
Catch	27	53	60	45	48	48	51	(NA)	(NA)	(NA)	(NA)
Value	2	4	6	4	5	2	4	(NA)	(NA)	(NA)	(NA)
Huron:											
Catch	5	2	2	2	2	2	2	(NA)	(NA)	(NA)	(NA)
Value	1	(z)	(z)	1	1	1	1	(NA)	(NA)	(NA)	(NA)
Erie:											
Catch	14	10	10	8	9	10	10	(NA)	(NA)	(NA)	(NA)
Value	1	1	2	2	3	3	3	(NA)	(NA)	(NA)	(NA)
Pacific Coast:											
Catch	1,147	1,480	1,391	1,551	1,771	1,777	1,741	1,925	2,140	2,070	1,872
Value	148	235	381	352	538	651	821	1,006	1,025	1,063	964
Washington:											
Catch	127	134	147	146	142	146	138	170	156	185	170
Value	18	30	59	61	72	81	97	115	86	96	90
Oregon:											
Catch	69	98	96	86	95	113	135	128	126	135	128
Value	9	23	37	26	40	49	57	65	56	52	57
California:											
Catch	458	703	685	875	917	874	722	728	804	775	695
Value	51	86	140	135	187	195	228	227	323	275	241
Alaska:											
Catch	492	545	463	445	617	644	746	899	1,054	975	879
Value	70	96	145	130	239	326	439	597	560	640	576
Catch for certain species:											
Anchovies	6	193	177	329	264	232	35	117	107	127	103
Bonito	6	9	19	32	9	23	8	5	14	17	5
Crabs	161	126	174	164	222	260	301	326	347	235	143
Flounder	46	46	54	57	62	52	63	68	60	62	73
Halibut	40	34	18	21	18	18	17	21	19	27	33
Herring, sea	35	22	56	57	43	44	43	66	107	108	129
Jack mackerel	67	48	25	37	45	110	68	35	44	31	58
Salmon	327	410	201	202	310	336	404	536	614	648	607
Shrimp	20	93	141	140	168	192	154	96	98	67	45
Tuna	296	378	381	381	474	329	394	349	387	327	248
Mississippi River and tributaries:											
Catch	85	75	68	72	71	55	58	86	85	85	110
Value	8	10	14	15	14	11	13	15	21	25	34
Hawaii:											
Catch	20	11	11	9	15	15	14	14	11	13	14
Tuna	17	9	9	7	12	12	11	12	7	8	10
Value	4	4	6	6	9	9	12	11	12	18	14

NA Not available. Z Less than $500,000. [1] Collected largely by State fishery agencies, and compiled by National Marine Fisheries Service. Includes, in addition to lakes shown, small amounts for Lake Ontario, Lake St. Clair, Lake of the Woods, Namakan Lake, and Rainy Lake.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

No. 1259. Fresh and Frozen Fishery Products: 1970 to 1982

[Excludes Alaska and Hawaii, except frozen fishery products includes Alaska and Hawaii]

Product	Production (mil. lb.)						Value (mil. dol.)					
	1970	1975	1979	1980	1981 [1]	1982 [1]	1970	1975	1979	1980	1981 [1]	1982 [1]
Fish fillets and steaks [2]	133.5	131.9	187.2	202.1	205.1	202.4	74.8	137.9	260.9	261.2	305.2	327.5
Cod	13.6	15.2	33.0	31.3	43.3	40.2	7.4	14.6	44.8	43.2	68.6	58.6
Flounder	46.7	41.9	47.8	48.9	50.8	71.7	28.7	53.1	87.9	87.4	98.0	138.9
Haddock	8.9	8.2	19.3	17.2	17.8	13.4	6.9	12.3	33.3	29.0	32.9	24.6
Ocean perch, Atlantic	16.0	8.4	8.6	7.1	4.9	5.1	4.9	5.7	10.0	9.3	7.0	7.2
Whiting	.8	.1	.5	.6	.2	-	.3	.1	.4	.5	.2	-
Rockfish	11.1	5.5	10.8	14.2	16.4	14.8	3.4	3.2	11.2	12.8	16.2	15.8
Pollock, Atlantic	3.7	5.7	10.8	8.5	9.1	9.0	1.3	3.6	8.7	8.5	9.7	9.7
Frozen fishery products	388.3	299.7	268.9	228.2	220.7	243.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other	32.7	46.9	56.4	74.3	62.6	48.2	21.9	45.3	64.6	70.5	72.6	72.7

- Represents zero. NA Not available. [1] Preliminary. [2] Fresh and frozen.

No. 1260. Canned Fishery Products—Production and Value: 1970 to 1982

[Data shown are for natural pack only. See also *Historical Statistics, Colonial Times to 1970,* series L 338-357 (production data in cases) and L 358]

Product	Production (mil. lb.)								Value (mil. dol.)							
	1970	1975	1977	1978	1979	1980	1981	1982, prel.	1970	1975	1977	1978	1979	1980	1981	1982, prel.
Total [1]	1,346	1,382	1,421	1,598	1,439	1,516	1,495	1,261	742	1,067	1,543	1,884	1,743	1,928	2,013	1,451
Tuna	438	529	548	705	620	602	627	539	381	653	907	1,273	1,104	1,144	1,180	885
Salmon	183	75	136	149	149	200	221	119	139	110	210	221	258	376	423	196
Clam products	65	76	73	69	73	85	88	100	26	42	65	60	61	75	72	87
Jack mackerel [2]	8	10	31	32	26	38	36	39	2	3	12	10	8	12	12	15
Sardines, Maine	19	26	23	26	30	20	38	16	11	25	27	36	45	32	55	25
Shrimp	25	12	25	16	11	15	12	8	37	28	73	50	54	80	59	46
Crabs	5	3	5	4	3	4	3	2	10	10	20	19	18	19	19	13
Squid	9	8	7	8	4	4	9	8	1	2	2	2	1	1	3	2
Oysters	2	2	1	1	(z)	(z)	(z)	1	2	4	3	1	1	(z)	1	2

Z Less than 500,000 pounds or $500,000. [1] Includes other products, not shown separately. [2] Includes a small amount of Pacific mackerel.

No. 1261. Processed Fishery Products—Summary: 1970 to 1982

[Includes Puerto Rico and American Samoa. See *Historical Statistics, Colonial Times to 1970,* series L 362-365, for meal, scrap, and oil. 1981-82 preliminary]

Product	Production (mil. lb.[1])						Value (mil. dol.)					
	1970	1975	1979	1980	1981	1982	1970	1975	1979	1980	1981	1982
Total	(X)	(X)	(X)	(X)	(X)	(X)	1,727	2,651	4,949	4,942	4,888	4,350
Packaged fresh and frozen	1,158	1,113	1,425	1,403	[2] 1,289	(NA)	800	1,309	2,781	2,567	2,527	2,521
Fish not breaded:												
Fillets and steaks, raw	134	132	187	203	205	202	75	138	261	262	305	328
Dressed	32	55	35	40	52	(NA)	9	43	45	58	79	(NA)
Other [3]	10	26	54	48	30	(NA)	4	22	42	37	21	(NA)
Fish breaded, raw or cooked:												
Sticks	116	91	96	88	89	90	58	62	100	89	97	97
Fillets, portions, and steaks	296	286	392	326	331	(NA)	137	211	428	368	397	(NA)
Shellfish: Not breaded	328	315	424	497	415	(NA)	343	534	1,374	1,302	1,172	(NA)
Breaded, raw and cooked	119	128	129	113	119	(NA)	129	220	348	321	362	(NA)
Specialties, fish and shellfish	123	80	108	88	48	(NA)	45	79	183	130	94	(NA)
Canned products [4]	1,346	1,386	1,439	1,516	1,495	1,261	742	1,067	1,743	1,928	2,013	1,451
Fish and shellfish	805	802	959	1,010	1,086	881	633	920	1,593	1,782	1,878	1,325
Animal food	540	583	480	506	409	380	105	148	150	146	135	126
Cured fish [5]	71	55	54	66	43	(NA)	77	102	163	175	135	143
Salted (incl. spiced, pickled) [6]	39	30	31	43	16	(NA)	30	44	80	85	37	(NA)
Smoked	31	24	22	22	25	(NA)	43	56	80	86	92	(NA)
Dried (cod) lutefisk [6]	1	1	1	1	2	(NA)	4	2	3	4	6	(NA)
Industrial products	(X)	(X)	(X)	(X)	(X)	(X)	108	173	262	272	213	235
Meal and scrap (mil. tons)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	46	66	132	134	119	(NA)
Oil (body and liver)	206	246	268	313	184	348	18	33	54	58	33	(NA)
Fish solubles (mil. tons)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5	9	15	14	15	(NA)
Other	(X)	(X)	(X)	(X)	(X)	(X)	38	67	61	66	46	(NA)

NA Not available. X Not applicable. Z Less than 500,000 tons. [1] Except as indicated. [2] Excludes Alaska. [3] Includes bait and unbreaded portions. [4] Includes salmon eggs for bait. [5] Includes sun-dried and freeze-dried. [6] In 1970 and 1975 dried cod was included in salted.

Source of tables 1259-1261: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States,* annual, and *Fisheries of the United States,* annual.

No. 1262. Fishery Products—Imports and Exports: 1960 to 1982

[Includes Puerto Rico; imports also include landings of tuna by foreign vessels in American Samoa. See also *Historical Statistics, Colonial Times to 1970*, series L 227-235]

Year	Imports				Exports			
	Total value (mil. dol.)	Edible products		Non-edible, value (mil. dol.)	Total value (mil. dol.)	Edible products		Non-edible, value (mil. dol.)
		Quantity (mil. lb.)	Value (mil. dol.)			Quantity (mil. lb.)	Value (mil. dol.)	
1960	363	1,095	311	53	44	61	26	19
1965	601	1,399	479	121	69	96	49	20
1970	1,037	1,873	813	225	118	140	94	24
1973	1,583	2,416	1,398	185	299	239	242	57
1974	1,711	2,267	1,495	215	262	178	195	67
1975	1,637	1,913	1,367	270	305	218	267	37
1976	2,328	2,228	1,914	414	385	241	330	55
1977	2,634	2,176	2,078	555	520	331	473	47
1978	3,086	2,411	2,256	830	906	448	832	74
1979	3,809	2,359	2,672	1,137	1,084	554	1,022	62
1980	3,648	2,145	2,687	962	1,006	574	904	102
1981, prel	4,206	2,272	3,034	1,172	1,157	669	1,073	84
1982, prel	4,523	2,225	3,202	1,321	1,059	657	999	60

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual. Compiled from U.S. Bureau of the Census data.

No. 1263. Selected Fishery Products—Imports and Exports: 1970 to 1982

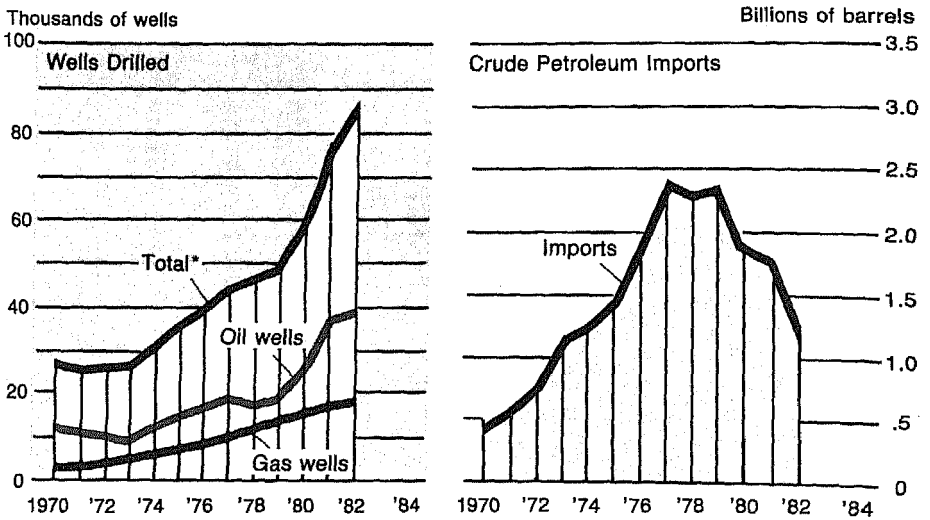
[Includes Puerto Rico. See *Historical Statistics, Colonial Times to 1970*, series L 312-318, for selected imports]

Product	Quantity (mil. lb.)							Value (mil. dol.)						
	1970	1975	1978	1979	1980	1981, prel.	1982, prel.	1970	1975	1978	1979	1980	1981, prel.	1982, prel.
IMPORTS														
Edible:														
Fresh or frozen:														
Whitefish [1]	8.4	8.4	11.4	7.6	8.2	7.5	8.3	4.8	5.6	8.6	7.4	8.0	7.2	7.4
Halibut [1]	18.2	8.0	7.0	4.1	6.3	6.3	6.7	8.1	8.0	10.8	7.4	9.3	10.1	10.4
Salmon [1]	7.4	9.2	6.6	5.0	5.5	6.5	10.4	6.7	11.5	13.6	11.4	13.9	15.9	22.1
Sea herring	103.9	99.2	72.0	40.1	22.0	14.3	28.8	1.9	5.1	5.5	1.9	3.6	3.0	5.1
Smelt	8.5	8.8	10.4	12.6	11.3	12.6	14.4	1.6	3.2	4.4	6.0	4.8	6.5	7.5
Tuna	442.8	478.6	808.2	753.6	722.7	721.3	556.5	100.5	121.2	327.2	321.6	429.3	478.6	360.7
Groundfish fillets, blocks [2]	458.8	513.8	639.4	661.1	557.1	601.3	614.2	134.6	278.4	565.4	622.3	545.8	605.2	629.0
Other fillets and steaks	136.1	167.6	190.6	174.6	148.2	157.0	145.7	63.6	117.3	178.7	185.4	156.4	194.2	189.0
Scallops (meats)	16.8	19.7	28.4	25.2	20.9	26.2	20.9	19.7	37.2	72.8	84.9	82.0	112.7	73.0
Lobster, American and spiny	54.9	58.1	56.2	60.7	50.5	55.8	54.4	93.8	188.6	256.3	298.5	270.6	308.7	315.6
Shrimp and prawn	214.8	201.5	195.5	220.2	215.1	218.4	268.5	196.8	346.2	418.4	705.0	711.2	715.0	970.0
Canned:														
Anchovies, in oil	5.5	3.6	4.8	3.6	4.5	4.3	4.2	6.3	5.6	9.6	7.4	13.2	13.5	11.0
Salmon	2.4	3.3	.3	.4	.2	.1	.2	1.6	3.9	.7	.6	.4	.1	.6
Sardines, in oil	34.1	18.5	24.2	22.9	18.2	18.2	14.1	15.8	16.3	25.5	27.7	24.2	25.1	19.1
Sardines and herring, not in oil	25.3	24.9	32.1	34.0	38.5	43.2	41.3	8.3	15.9	22.9	25.8	28.4	35.8	30.5
Tuna	72.3	51.7	51.8	53.7	63.6	70.9	87.6	44.3	46.0	63.8	65.1	97.3	110.4	113.3
Bonito and yellowtail	1.2	.1	.4	.4	.8	.9	.5	.5	.1	.4	.3	.6	.8	.4
Crab meat	2.8	1.4	4.1	5.1	5.0	5.0	5.7	5.3	2.9	9.5	12.3	12.5	13.2	16.3
Oysters	15.0	12.4	23.5	19.1	17.0	20.4	22.4	8.1	8.4	24.6	18.3	20.3	24.0	26.5
Lobster, American and spiny	2.5	2.1	2.4	1.9	2.2	3.1	3.4	8.0	10.9	15.7	11.7	12.8	20.4	26.1
Pickled or salted:														
Cod, haddock, hake, pollock, cusk	41.2	33.6	37.6	39.7	33.0	45.3	40.8	13.6	26.8	38.3	43.3	36.0	56.2	48.6
Herring	30.6	20.6	25.0	17.2	16.7	20.1	21.2	5.4	6.6	13.6	9.4	10.4	11.5	10.6
Nonedible scrap and meal	**502.0**	**236.7**	**87.8**	**179.2**	**99.0**	**118.9**	**168.7**	**37.7**	**23.6**	**12.6**	**29.6**	**15.5**	**20.5**	**25.7**
EXPORTS														
Canned salmon	16.8	22.5	32.5	50.7	74.0	63.5	41.2	13.1	34.6	49.2	91.9	150.0	128.6	65.9
Canned sardines	1.5	2.2	1.6	1.6	1.8	1.7	1.0	.7	1.8	1.5	1.2	1.4	1.7	.9
Fish oil, nonedible	**156.8**	**191.8**	**222.0**	**198.5**	**284.0**	**238.3**	**202.3**	**15.7**	**27.8**	**42.3**	**39.6**	**52.4**	**42.6**	**35.7**

[1] Excludes fillets. [2] Includes cod, cusk, haddock, hake, pollock, Atlantic ocean perch, and whiting.

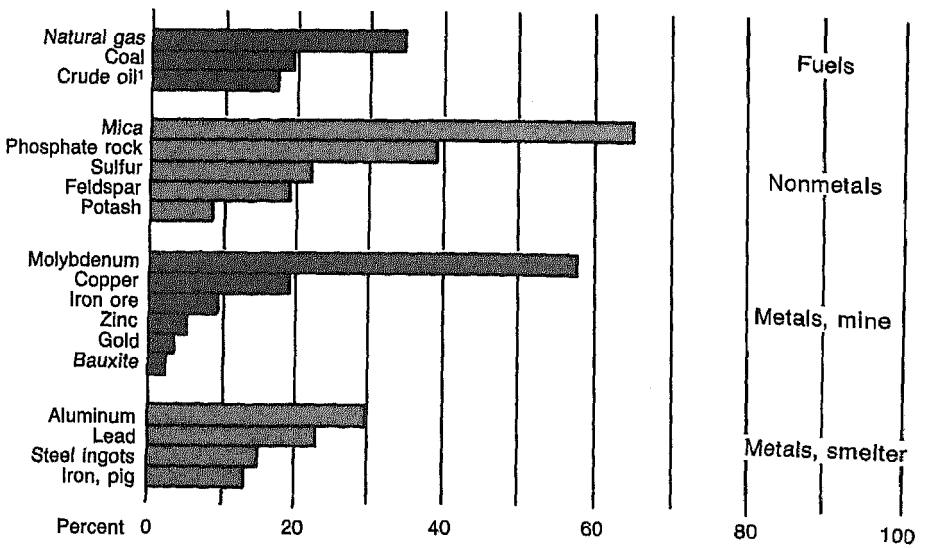
Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual. Compiled from U.S. Bureau of the Census data.

Figure 27.1
Wells Drilled and Imports of Crude Petroleum: 1970 to 1982



* Includes dry holes.
Source: Chart prepared by U.S Bureau of the Census. For data, see tables 1280 and 1285.

Figure 27.2
U.S. Mineral Production as Percent of World Total: 1981



1 Includes natural gas liquids.
Source: Chart prepared by U.S Bureau of the Census. For data, see table 1275.

1984

Section 27

Mining and Mineral Products

This section presents data relating to mineral industries and their products, general summary measures of production and employment, and more detailed data on production, prices, imports and exports, consumption, and distribution for specific industries and products. Data on mining and mineral products may also be found in sections 29 and 33 of this *Abstract;* data on mining employment may be found in section 14.

"Mining" comprises the extraction of minerals occurring naturally (coal, ores, crude petroleum, natural gas) and quarrying, well operation, milling, refining and processing and other preparation customarily done at the mine or well site or as a part of extraction activity. (Mineral preparation plants are usually operated together with mines or quarries.) Exploration for minerals is included as is the development of mineral properties.

The principal governmental sources of these data are the three-volume *Minerals Yearbook,* published by the Bureau of Mines, Department of the Interior, and various monthly and annual publications of the Energy Information Administration, Department of Energy. See text, section 20 for list of Department of Energy publications. In addition, the Bureau of the Census conducts a census of mineral industries every 5 years. Non-government sources include the *Annual Statistical Report* of the American Iron and Steel Institute, Washington, D.C.; *Metals Week* and the monthly *Engineering and Mining Journal,* issued by the McGraw-Hill Publishing Co., New York; *The Iron Age,* issued weekly by the Chilton Co., Philadelphia; and the *Joint Association Survey of the U.S. Oil and Gas Industry,* conducted by the American Petroleum Institute, Independent Petroleum Association of America, and Mid-Continent Oil and Gas Association.

Mineral statistics, with principal emphasis on commodity detail, have been collected by the Geological Survey or by the Bureau of Mines since 1880. Current data in Bureau of Mines publications include quantity and value of nonfuel minerals produced, sold or used by producers, or shipped; quantity of minerals stocked; crude materials treated and prepared minerals recovered; and consumption of mineral raw materials. The U.S. Mine Safety and Health Administration also collects and publishes data on workhours, employment, and accidents and injuries in the mineral industries, except petroleum and natural gas. In October 1977, fuel data collection activities of the Bureau of Mines were transferred to the Energy Information Administration.

Censuses of mineral industries have been conducted by the Bureau of the Census at various intervals since 1840. Beginning with the 1967 census, legislation provides for a census to be conducted every fifth year for years ending in "2" and "7." The censuses provide, for the various types of mineral establishments, information on operating costs, capital expenditures, labor, equipment, and energy requirements in relation to their value of shipments and other receipts. Commodity statistics on many manufactured mineral products are also collected by the Bureau at monthly, quarterly, or annual intervals and issued in its *Current Industrial Reports* series. Included in this series, beginning in 1973, is the *Annual Survey of Oil and Gas.*

In general, figures shown in the individual commodity tables include data for outlying areas, and may therefore not agree with summary table 1268. Except for crude petroleum and refined products, the export and import figures include foreign trade passing through the customs districts of United States and Puerto Rico, but exclude shipments between U.S. territories and the customs districts.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

NO. 1264. SUMMARY OF MINERAL OPERATIONS: 1958 TO 1977

[Represents mineral operations only. Beginning 1967, excludes single unit establishments without paid employees. See also *Historical Statistics, Colonial Times to 1970*, series M 1-11]

ITEM	Unit	1958	1963	1967	1972	1977
Establishments	Number	36,392	38,651	28,579	25,269	31,359
With 20 or more employees	Number	6,045	5,499	5,682	5,312	8,632
Including all operations in manufactures	Number	37,966	40,532	29,688	26,178	31,967
Excluding oil and gas extraction	Number	19,444	19,290	13,330	11,680	13,520
Employees, total	1,000	734	616	567	595	799
Production workers [1]	1,000	565	482	433	443	593
All other	1,000	169	134	134	152	206
Workerhours, production workers [1]	Million	1,081	973	892	909	1,183
Workerhours per production workers	1,000	1.9	2.0	2.1	2.1	2.0
Payroll, total	Mil. dol	3,749	3,743	4,187	6,226	13,167
Wages, production workers [1]	Mil. dol	2,623	2,680	2,888	4,250	9,082
Salaries, all other employees	Mil. dol	1,126	1,063	1,299	1,976	4,085
Cost of supplies, etc., and purchased machinery installed	Mil. dol	7,521	8,974	10,576	14,884	46,079
Value added in mining	Mil. dol	13,385	15,910	19,330	26,471	68,013
Metal mining	Mil. dol	1,180	1,418	1,557	2,382	3,604
Coal mining	Mil. dol	1,780	1,727	2,091	3,754	11,266
Oil and gas extraction	Mil. dol	9,033	11,020	13,394	17,612	48,587
Nonmetallic minerals mining	Mil. dol	1,392	1,745	2,288	2,723	4,656
Value of shipments and receipts	Mil. dol	16,373	18,804	22,784	36,319	96,375
Capital expenditures	Mil. dol	2,804	3,264	4,058	5,036	17,718

[1] See footnote table 4, 1267.

Source: U.S. Bureau of the Census, *Census of Mineral Industries, 1972* and *1977*.

NO. 1265. NATIONAL INCOME ORIGINATING IN MINING: 1960 TO 1982

[**In billions of dollars, except percent.** 1960 excludes Alaska and Hawaii. For definition of national income, see text, p. 445. Refers to national income without capital consumption adjustment. Data represent net value added at factor costs. See *Historical Statistics, Colonial Times to 1970*, series F 230, for single-year figures prior to revisions issued in 1981]

TYPE OF MINING	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total mining	**5.6**	**6.1**	**8.0**	**10.5**	**16.0**	**18.6**	**20.9**	**22.8**	**24.2**	**30.1**	**38.5**	**42.8**	**39.8**
Percent of total national income	1.3	1.1	1.0	1.0	1.4	1.5	1.5	1.4	1.3	1.5	1.8	1.8	1.6
Metal mining	.8	.9	1.2	1.5	1.6	1.6	1.8	1.7	2.0	2.8	2.8	3.4	2.4
Coal mining	1.3	1.4	2.3	3.0	5.6	6.5	6.2	6.8	7.1	8.4	8.8	9.1	9.9
Oil and gas extraction	2.6	2.7	3.2	4.1	6.8	8.3	10.7	11.7	12.0	15.7	23.3	26.7	24.0
Nonmetallic minerals, exc. fuels	.9	1.1	1.3	1.9	2.1	2.2	2.3	2.6	3.1	3.3	3.6	3.6	3.5

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July 1983.

NO. 1266. MINING AND PRIMARY METAL PRODUCTION INDEXES: 1960 TO 1982

[1967 = 100. For a discussion of revisions to the industrial production measures, see Board of Governors of the Federal Reserve, *Industrial Production*, 1976 Revision. See also *Historical Statistics, Colonial Times to 1970*, series M 68-71]

INDUSTRY GROUP	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Mining	**80.3**	**93.2**	**112.2**	**114.7**	**115.3**	**112.8**	**114.2**	**118.2**	**124.0**	**125.5**	**132.7**	**142.2**	**126.1**
Coal	79.2	93.8	108.0	104.8	106.4	113.4	117.2	121.9	114.7	135.6	146.7	141.3	142.7
Anthracite	165.0	120.7	79.2	54.9	50.9	50.1	51.9	50.2	53.4	46.7	43.7	49.2	46.5
Bituminous	75.6	92.6	109.2	106.6	108.7	116.0	119.9	124.9	117.2	139.3	150.9	145.0	146.7
Oil and gas extraction	77.9	90.5	111.6	113.7	114.4	113.3	112.0	118.0	124.6	121.7	133.3	146.8	131.1
Crude oil and natural gas	77.5	88.4	111.6	108.4	103.6	97.9	95.4	95.7	99.1	97.3	97.9	98.2	96.7
Oil and gas drilling	90.2	109.1	108.3	146.5	189.3	222.8	230.1	279.3	315.2	303.8	405.8	523.4	392.4
Metal mining	111.5	114.8	131.9	130.2	125.6	115.8	122.8	105.5	121.0	127.0	109.2	123.1	82.4
Iron ore	93.6	98.5	112.1	112.6	110.4	105.4	105.4	74.3	110.0	117.1	96.6	104.4	51.9
Nonferrous ores	121.4	123.6	149.6	146.0	139.2	125.1	138.4	133.3	130.8	135.7	120.4	139.8	110.0
Copper ore	112.5	140.7	179.0	179.8	167.0	147.0	167.2	158.1	155.6	166.6	134.7	173.5	130.4
Lead and zinc ores	87.7	108.2	122.1	113.9	120.2	111.0	108.5	103.3	89.8	83.9	89.0	77.0	81.7
Primary metals, manufacturing	**72.4**	**102.1**	**106.6**	**126.7**	**123.1**	**96.4**	**109.7**	**111.1**	**119.9**	**121.3**	**102.3**	**107.9**	**75.3**
Nonferrous metals	61.8	95.0	109.9	134.5	129.0	97.5	118.5	124.1	131.9	135.8	119.8	122.4	99.7
Copper	122.3	151.5	162.7	160.5	139.9	123.0	138.2	128.0	135.8	145.9	113.1	135.6	98.1
Aluminum	61.1	84.2	121.6	138.6	150.1	118.8	129.7	138.8	147.0	153.6	156.5	151.4	110.5
Iron and steel	77.7	105.2	104.7	122.3	119.8	95.8	104.8	103.8	113.2	113.2	92.4	99.8	61.7

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 1267. Mineral Industries—Summary: 1967 to 1977

["N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series M1-12]

MINERAL INDUSTRY	1967			1972					1977									
				Establishments		All employees			Establishments		All employees		Production workers [4]					
	Establishments	All employees, payroll [1] (mil. dol.)	Value added in mining [2] (mil. dol.)	Total	With 20 or more employees	Number [3] (1,000)	Payroll [1] (mil. dol.)	Value added in mining [2] (mil. dol.)	Total	With 20 or more employees	Number [3] (1,000)	Payroll [1] (mil. dol.)	Number (1,000)	Man-hours [5] (millions)	Wages (mil. dol.)	Value added in mining [2] (mil dol.)	Value of shipments and, receipt [6] (mil. dol.)	Capital expenditures (mil. dol.)
All industries	**28,579**	**4,187**	**19,330**	**25,269**	**5,312**	**595**	**6,226**	**26,471**	**31,359**	**6,632**	**799**	**13,167**	**593**	**1,183**	**9,082**	**68,013**	**96,375**	**17,718**
Metal mining	**1,155**	**552**	**1,557**	**1,014**	**285**	**81**	**853**	**2,382**	**1,206**	**328**	**88**	**1,485**	**65**	**129**	**1,032**	**3,504**	**5,369**	**1,140**
Iron ores	146	186	662	111	56	20	218	702	97	61	19	372	14	29	253	1,046	1,614	459
Copper ores	156	171	437	181	71	36	387	1,025	133	61	33	544	23	44	356	1,067	1,856	208
Lead and zinc ores	167	61	103	101	47	8	72	200	88	41	7	105	5	11	75	329	418	42
Gold and silver ores	183	26	51	132	12	3	30	61	175	20	5	71	4	7	53	161	199	41
Gold ores and placers	125	17	35	81	5	2	20	47	126	8	3	40	2	4	28	78	99	22
Silver ores	58	8	16	51	7	1	10	14	49	12	2	32	2	3	25	83	100	19
Bauxite	17	4	23	10	5	1	4	24	12	6	(z)	7	(z)	1	4	31	40	4
Ferroalloy ores, except vanadium	43	32	73	44	15	4	40	137	56	17	6	107	5	10	79	256	372	109
Metal mining services	148	19	34	172	33	3	31	54	270	42	3	52	3	6	41	112	158	18
Miscellaneous metal ores	295	54	175	263	46	7	71	180	375	80	14	227	11	22	170	502	711	260
Uranium-radium-vanadium ores	188	41	142	144	34	8	58	149	225	66	12	203	10	20	155	432	615	252
Mercury ores, misc. metal ores	107	14	33	119	12	1	13	31	150	14	2	24	1	2	14	71	97	8
Anthracite mining	**403**	**41**	**82**	**230**	**51**	**5**	**35**	**68**	**176**	**43**	**4**	**51**	**3**	**6**	**41**	**123**	**227**	**10**
Anthracite	371	37	75	213	41	4	32	63	156	38	3	48	3	5	38	116	217	9
Anthracite mining services	32	5	7	17	10	1	3	5	20	5	(z)	4	(z)	(z)	3	7	10	1
Bituminous coal, lignite mining	**4,081**	**926**	**2,009**	**3,365**	**1,118**	**155**	**1,742**	**3,685**	**5,275**	**1,690**	**242**	**4,120**	**204**	**367**	**3,303**	**11,143**	**16,709**	**2,814**
Bituminous coal and lignite	3,966	916	1,987	3,191	1,076	152	1,714	3,626	4,944	1,610	235	4,005	198	356	3,203	10,837	16,301	2,765
Coal mining services, n.e.c.	115	10	22	174	42	3	29	60	331	80	7	115	6	11	100	306	407	49
Oil and gas extraction	**16,358**	**1,855**	**13,394**	**14,498**	**2,393**	**241**	**2,525**	**17,612**	**18,447**	**3,128**	**349**	**5,902**	**231**	**493**	**3,560**	**48,587**	**67,338**	**12,944**
Crude petroleum and natural gas	8,796	1,049	10,965	7,609	820	117	1,375	14,422	8,573	981	140	2,738	60	118	1,025	38,327	40,830	10,916
Natural gas liquids	684	100	905	680	191	11	117	1,019	692	209	13	227	11	21	178	3,286	17,449	329
Oil and gas field services	6,878	707	1,524	6,209	1,382	113	1,033	2,172	9,182	1,938	196	2,936	160	353	2,357	6,974	9,059	1,699
Drilling oil and gas wells	2,347	295	627	1,907	572	45	422	881	2,625	840	79	1,317	70	151	1,129	3,307	4,320	1,085
Oil and gas exploration services	636	53	126	715	91	10	89	212	1,252	116	18	220	14	32	171	545	665	70
Oil and gas field services, n.e.c.	3,895	359	770	3,587	719	58	522	1,079	5,305	982	99	1,399	77	170	1,058	3,122	4,073	544
Nonmetallic minerals mining	**6,582**	**812**	**2,288**	**6,162**	**1,465**	**114**	**1,070**	**2,723**	**6,255**	**1,443**	**117**	**1,609**	**91**	**189**	**1,146**	**4,656**	**6,732**	**811**
Dimension stone [7]	244	9	18	198	27	2	13	26	209	23	2	19	2	3	14	39	49	3
Crushed and broken stone [8]	2,033	281	705	1,937	669	42	388	982	2,055	655	41	543	33	68	397	1,501	2,046	251
Sand and gravel [8]	3,232	229	548	2,929	457	34	322	776	2,807	430	31	418	23	48	302	1,017	1,428	174
Clay and related minerals [8]	356	58	155	309	111	9	78	198	255	103	10	136	8	17	91	358	591	62
Chemical and fertilizer minerals	233	188	741	204	110	20	203	583	205	112	24	372	18	37	249	1,433	2,167	277
Nonmetallic minerals, services	106	6	11	126	11	1	11	20	176	33	2	36	2	4	28	70	102	8
Miscellaneous [8]	378	41	111	459	80	7	55	138	548	87	7	87	6	11	65	238	350	35

Z Less than 500 or 500,000. [1] Gross earnings paid to all employees on payroll. [2] Computed by subtracting cost of supplies, minerals received for preparation, purchased fuel and electric energy, contract work, and purchased machinery from the value of shipments and capital expenditures. [3] Excludes proprietors and firm members of unincorporated concerns. [4] Represents employees up through the working foreman level engaged in manual work. Includes development and exploration workers. [5] Excludes paid vacations, holidays, and sick leave; includes actual overtime hours (not straight-time equivalent). [6] Represents value of shipments of primary and secondary products of the industry and amount received for services performed for other establishments on a contract, fee, or other basis. [7] Excludes data for dimension stone quarries operated in conjunction with dressing plants. [8] Excludes data for mining included in establishments classified in manufacturing industries.

Source: U.S. Bureau of the Census, *Census of Mineral Industries: 1967, 1972,* and *1977,* final industry series reports.

NO. 1268. MINERAL PRODUCTION AND VALUE, 1970 TO 1981,

[Data represent production as measured by mine shipments, mine sales, or marketable, production 13-37, for

	MINERAL	Unit	PRODUCTION QUANTITY 1970	1975	1977	1978	1979	1980	1981
1	**Total mineral production**	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
2	**Mineral fuels**	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
3	*Coal: Bituminous and lignite*	Mil. sh. ton	603	648	691	665	776	824	818
4	Pennsylvania anthracite	Mil. sh. ton	10	6	6	5	5	6	5
5	Natural gas (wet)	Tril. cu. ft	21.92	20.11	20.03	19.97	20.47	20.38	20.18
6	*Petroleum (crude)*	Mil. bbl. [1]	3,517	3,057	3,009	3,178	3,121	3,146	3,129
7	Uranium [2]	Mil. lb	23.1	23.2	29.9	37.0	37.5	43.7	38.5
8	**Nonmetallic minerals**	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
9	Abrasive stone [3]	Sh. ton	3,055	2,953	2,200	487	2,094	2,131	4,501
10	Asbestos	1,000 sh. ton	125	99	102	103	103	88	83
11	Asphalt and related bitumens (native) [4]	1,000 sh. ton	1,981	1,902	1,237	1,697	1,614	1,252	1,261
12	*Barite*	1,000 sh. ton	854	1,318	1,494	2,112	2,113	2,245	2,849
13	Boron minerals	1,000 sh. ton	1,041	1,172	1,469	1,554	1,590	1,545	1,481
14	Bromine	Mil. lb	350	407	434	447	497	380	390
15	*Calcium chloride*	1,000 sh. ton	633	594	710	773	720	581	705
16	Carbon dioxide, natural (estimate)	Mil. cu. ft	1,110	1,070	1,617	2,015	2,028	1,628	1,577
17	Cement: Portland	Mil. sh. ton	73.2	65.2	76.3	80.0	79.0	71.6	68.2
18	Masonry	Mil. sh. ton	3.0	2.9	3.8	4.1	3.7	3.0	2.7
19	Clays	Mil. sh. ton	54.9	49.0	53.2	56.8	54.7	48.8	44.4
20	Diatomite	1,000 sh. ton	598	573	648	651	717	689	687
21	Emery	1,000 sh. ton	(D)	3.5	(D)	(D)	10.0	(D)	(D)
22	*Feldspar*	1,000 sh. ton	726	670	734	735	740	710	665
23	Fluorspar	1,000 sh. ton	269	140	169	129	109	93	115
24	Garnet (abrasive)	1,000 sh. ton	18.8	17.2	20.0	29.7	21.2	26.9	25.5
25	Gem stones (estimate)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
26	Gypsum	Mil. sh. ton	9.4	9.8	13.4	14.9	14.6	12.4	11.5
27	Helium [5]	Mil. cu. ft	4,600	1,079	1,494	1,550	1,617	1,458	1,398
28	Lime	Mil. sh. ton	19.7	19.1	19.9	20.4	20.9	19.0	18.9
29	Magnesium compounds [6]	1,000 sh. ton	709	(D)	830	(D)	(D)	(D)	(D)
30	Mica: Scrap	1,000 sh. ton	119	135	176	182	134	116	133
31	Sheet	1,000 lb	–	5.0	(D)	(D)	–	–	–
32	Peat	1,000 sh. ton	526	746	726	750	798	788	757
33	Perlite	1,000 sh. ton	456	512	597	641	660	638	591
34	Phosphate rock	Mil. sh. ton	38.7	48.8	52.1	55.2	56.9	60.0	59.1
35	*Potash* [5]	1,000 sh. ton	2,729	2,094	2,461	2,543	2,632	2,444	2,103
36	Pumice	1,000 sh. ton	3,036	3,892	1,178	1,208	1,172	543	499
37	Pyrites	1,000 lg. ton	(D)	625	435	766	1,032	834	784
38	*Salt (common)*	Mil. sh. ton	45.9	41.0	43.4	42.9	45.8	40.4	38.9
39	Sand and gravel	Mil. sh. ton	944	789	929	996	979	793	755
40	Sodium carbonate (natural)	1,000 sh. ton	2,688	4,328	6,228	6,790	(D)	(D)	(D)
41	*Sodium sulfate (natural)*	1,000 sh. ton	602	667	636	605	533	583	608
42	Stone [9]	Mil. sh. ton	869	901	955	1,051	1,101	985	874
43	Sulfur: Frasch mines	1,000 lg. ton	6,504	6,077	5,935	5,645	7,388	7,283	5,817
44	Talc, soapstone, pyrophyllite	1,000 sh. ton	1,028	965	1,205	1,384	1,453	1,473	1,343
45	Tripoli	1,000 sh. ton	68	81	126	119	116	121	107
46	Vermiculite	1,000 sh. ton	285	330	359	337	346	337	320
47	*Nonmetallic minerals, undistributed* [10]	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
48	**Metals**	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
49	Antimony ore and concentrate	Sh. ton [11]	1,130	886	610	(D)	722	343	646
50	*Bauxite*	1,000 lg. ton [12]	2,082	1,772	1,961	1,643	1,792	1,534	1,486
51	Copper [2]	1,000 sh. ton	1,720	1,413	1,504	1,496	1,591	1,302	1,696
52	Gold [2]	1,000 fine oz	1,743	1,052	1,100	999	964	970	1,378
53	Iron ore, usable [14]	Mil. lg. ton [15]	87.2	75.7	54.1	83.2	86.1	69.6	72.2
54	Lead [2]	1,000 sh. ton	572	621	592	584	579	607	491
55	Manganiferous ore [16]	1,000 sh. ton [16]	368	159	216	312	241	174	176
56	Mercury	76 lb. flask	27,296	7,366	28,244	24,163	29,519	30,657	27,904
57	Molybdenum [17]	Mil. lb	110	105	125	131	144	149	119
58	Nickel [18]	1,000 sh. ton	15.9	17.0	14.3	13.5	15.1	14.7	12.1
59	*Silver* [2]	Mil. fine oz	45.0	34.9	38.2	39.4	37.9	32.3	40.7
60	Titanium concentrate: Ilmenite [2]	1,000 sh. ton [15]	921	702	542	581	646	594	524
61	*Tungsten ore and concentrate*	1,000 lb. [19]	9,312	5,490	6,022	6,901	6,646	6,036	7,815
62	Vanadium [2]	Sh. ton	5,319	4,743	6,504	4,272	5,520	4,806	5,126
63	Zinc [2]	1,000 sh. ton	534	469	450	334	295	350	344
64	Metals, undistributed [10]	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

– Represents zero. D Withheld to avoid disclosing individual company data. NA Not available. X Not applicable. [1] 42 gal. bbl. [2] Recoverable content of ores, etc. [3] Grindstones, pulpstones, millstones, grinding pebbles, sharpening stones, and tubemill liners. [4] *Contains bituminous limestone and sandstone, and gilsonite.* [5] Value included in "Nonmetallic minerals, undistributed." [6] Crude and refined. [7] From sea water and brines, except for metals (M_gO equiv.). [8] K_2O equivalent. [9] Excludes abrasive stone, bituminous limestone and sandstone, and ground soapstone, all included *elsewhere in table. Includes calcareous marl and slate.*

AND PRINCIPAL PRODUCING STATES, 1981

(including consumption by producers). See *Historical Statistics, Colonial Times to 1970*, series M selected values]

PRODUCTION VALUE (mil. dol.)							Principal producing States ranked by quantity, 1981	
1970	1975	1977	1978	1979	1980	1981		
28,369.7	**59,906.9**	**73,062.6**	**82,077.0**	**106,893.0**	**147,343.0**	**187,812.0**	(x).	1
18,800.0	45,422.0	56,138.0	62,262.0	82,919.0	122,197.0	162,639.0	(x).	2
3,770.0	12,470.0	13,700.0	14,490.0	18,360.0	20,200.0	21,510.0	Ky., W. Va., Wyo., Pa., Ill.	3
110.0	200.0	200.0	180.0	200.0	260.0	240.0	Pa.	4
3,730.0	9,050.0	15,820.0	18,180.0	24,160.0	32,400.0	39,950.0	Tex., La., Okla., N. Mex.	5
11,190.0	23,450.0	25,790.0	28,600.0	39,450.0	67,930.0	99,400.0	Tex., Alaska, La., Calif.	6
(NA)	252.0	626.0	812.0	749.0	1,407.0	1,539.0	N. Mex., Wyo., Tex.	7
5,791.2	**9,570.0**	**11,695.0**	**13,517.0**	**15,438.0**	**16,224.0**	**16,415.0**	(x).	8
.6	1.1	3.2	1.3	2.1	2.2	1.2	Ark., Minn., Wis.	9
10.7	14.2	25.3	28.0	28.9	30.6	30.7	Calif., Vt., Ariz.	10
8.9	17.8	13.9	19.3	25.6	25.0	27.7	Tex., Utah, Ala.	11
12.8	21.2	30.3	44.0	53.6	66.0	102.4	Nev., Mo., Ark., Ga.	12
86.8	158.8	236.2	279.9	310.2	366.8	435.4	Calif.	13
60.6	113.1	99.7	100.0	114.5	95.4	90.2	Ark. and Mich.	14
15.2	29.0	45.0	53.9	51.9	47.9	61.7	Mich. and Calif.	15
.2	.3	.4	2.6	3.2	2.6	2.6	Colo., N. Mex., Utah, Calif.	16
1,268.7	2,015.6	2,727.6	3,239.6	3,650.4	3,613.3	3,515.6	Tex., Calif., Pa., Mich.	17
67.5	111.8	169.1	208.6	204.8	188.5	161.8		18
267.9	424.6	579.2	717.3	846.1	898.9	988.8	Ga., Tex., Wyo., Calif.	19
32.6	45.8	63.9	72.4	90.3	100.6	113.0	Calif., Nev., Wash., Oreg.	20
(5)	(5)	(5)	(5)	.2	(5)	(5)	N.Y.	21
9.6	11.7	17.2	18.2	21.5	23.2	21.0	N.C., Conn., Ga., Calif.	22
13.9	10.9	16.5	13.3	12.2	12.6	18.4	Ill., Nev., Tex.	23
1.9	1.7	2.2	2.3	1.5	1.1	2.1	Idaho, N.Y., Maine.	24
2.4	13.9	8.9	8.9	8.2	6.9	7.6	(NA)	25
35.1	44.7	74.3	92.7	99.9	103.1	98.1	Tex., Calif., Iowa, Okla.	26
64.2	23.9	30.7	31.9	31.3	30.2	33.9	Kans., Tex., Okla., N. Mex.	27
286.2	523.8	666.5	749.7	862.5	842.9	884.2	Ohio, Mo., Pa., Ky.	28
62.4	(5)	127.7	(5)	(5)	(5)	(5)	Mich., Calif., Fla., N.J.	29
2.5	5.2	7.3	8.0	7.7	6.3	8.2	N.C., N. Mex., S.C., Ga.	30
–	(z)	(5)	(5)	–	–	–	(x)	31
6.0	12.3	12.5	13.0	15.5	16.2	18.8	Mich., Fla., Ind., Ill.	32
4.9	7.3	10.8	13.7	16.4	16.5	17.4	N. Mex., Ariz., Calif., Idaho.	33
203.2	1,122.2	821.7	928.8	1,045.7	1,256.9	1,438.0	Fla., Idaho, N.C., Tenn.	34
98.1	223.1	206.9	226.5	279.2	353.9	328.9	N. Mex., Calif., Utah	35
4.7	11.2	4.6	4.8	4.9	4.3	4.3	Oreg., Calif., N. Mex., Idaho	36
(5)	4.8	7.0	12.3	17.1	13.8	49.2	Tenn., Colo., Ariz.	37
304.8	368.1	451.6	499.3	538.4	656.2	636.3	La., Tex., N.Y., Ohio.	38
1,115.7	1,416.3	2,028.0	2,302.0	2,427.0	2,289.0	2,290.0	Calif., Alaska, Tex., Ohio.	39
56.3	182.6	337.5	371.3	(5)	(5)	(5)	Wyo. and Calif.	40
10.9	27.7	29.3	27.9	29.7	36.4	43.2	Calif., Tex., Utah.	41
1,474.9	2,120.3	2,456.9	2,885.7	3,398.7	3,404.7	3,277.0	Tex., Fla. Pa., Ill.	42
151.8	304.8	294.7	279.9	449.4	720.5	715.7	Tex. and La.	43
7.8	8.9	13.1	15.8	20.4	25.6	31.5	Mont., Tex., Vt., N.Y.	44
.5	.6	.8	.8	6.3	.7	.6	Ill., Okla., Ark., Pa.	45
6.5	13.8	18.6	19.7	22.0	23.5	26.2	Mont., S.C., Va.	46
34.4	157.2	56.0	222.6	740.3	941.2	933.5	(x)	47
3,778.5	**4,914.9**	**5,229.6**	**6,298.0**	**8,536.0**	**8,922.0**	**8,758.0**	(x)	48
(12)	2.1	1.3	(12)	(12)	(12)	(12)	Idaho and Mont.	49
30.1	25.1	28.0	23.2	24.9	22.4	26.5	Ark., Ala., Ga.	50
1,984.5	1,814.8	2,009.3	1,990.3	2,960.7	2,666.9	2,886.4	Ariz., Utah, N. Mex., Mont.	51
63.4	169.9	163.2	193.3	296.6	594.1	633.4	Nev., S. Dak., Utah, Ariz.	52
941.7	1,620.6	1,419.6	2,390.1	2,814.0	2,547.5	2,918.8	Minn., Mich., Calif., Wyo.	53
178.6	267.2	363.8	393.5	609.9	515.2	358.8	Mo., Idaho, Colo., Utah.	54
(12)	1.4	2.2	3.1	2.9	2.4	2.9	Minn., S.C., N. Mex.	55
11.1	1.2	3.8	3.7	8.3	11.9	11.5	Nev. and Calif.	56
190.1	259.3	450.4	607.9	871.1	1,344.2	945.5	Colo., Ariz., Utah, N. Mex.	57
(12)	(12)	(12)	(12)	(12)	(12)	(12)	Oreg.	58
79.7	154.4	176.3	212.7	420.3	667.3	427.9	Idaho, Ariz., Nev., Colo.	59
18.6	26.9	25.2	25.6	33.0	32.0	37.0	N.J., N.Y., Fla.	60
23.8	29.1	55.1	56.7	55.8	50.6	62.2	Calif., Colo., Nev., Mont.	61
34.9	49.3	74.5	56.8	73.9	64.4	71.5	Colo., Utah, Idaho, Ark.	62
163.7	366.1	309.3	206.9	219.8	261.7	306.9	Tenn., Mo., N.Y., Idaho.	63
58.4	127.5	147.6	133.8	145.0	141.5	68.2	(x).	64

[10] Comprises value of items that cannot be disclosed. [11] Antimony content. [12] Included with "Metals, undistributed." [13] Dried equivalent. [14] Represents shipments excluding byproduct iron sinter. [15] Gross weight. [16] 5 to 35 percent Manganiferous ore. [17] Content of concentrate. [18] Content of ore and concentrate. [19] Tungsten content.

Source: U.S. Bureau of Mines, *Minerals Yearbook*, and beginning 1977 for mineral fuels, from U.S. Energy Information Administration, *Annual Energy Review*.

No. 1269. Mineral Production—Value, 1970 to 1981, and Principal Minerals in Order of Value, 1981, by States

[**In millions of dollars.** Data for States will not add to total because State and U.S. totals were independently derived. For composition of regions, see fig. I, inside front cover]

Region, division, and State	1970	1975	1979	1980	1981			
					Total	Fuels	Non-fuels	Principal minerals in order of value
U.S.	**28,370**	**59,907**	**106,893**	**147,343**	**187,812**	**162,639**	**25,173**	Petroleum, natural gas (wet), coal.
Regions:								
Northeast	1,628	3,611	4,678	4,710	4,868	3,321	1,547	(X)
North Central	4,278	8,216	14,591	16,286	18,631	12,002	6,629	(X)
South	16,914	38,473	50,126	78,072	108,335	100,883	7,452	(X)
West	6,971	11,963	14,574	39,262	(D)	(D)	9,540	(X)
N.E	**143**	**181**	**293**	**268**	**280**	**-**	**280**	(X)
Maine	24	37	46	37	38	-	38	Cement, sand and gravel, stone.
N.H	9	17	23	25	26	-	26	Sand and gravel, stone, clays.
Vt	28	29	54	43	51	-	51	Stone, asbestos, sand and gravel.
Mass	50	59	93	91	97	-	97	Stone, sand and gravel, lime.
R.I	4	6	8	6	5	-	5	Sand and gravel, stone, gem stones.
Conn	28	33	69	66	63	-	63	Stone, sand and gravel, feldspar.
M.A	**1,485**	**3,430**	**4,385**	**4,442**	**4,588**	**3,321**	**1,267**	(X)
N.Y	300	398	497	557	566	74	492	Stone, cement, salt.
N.J	89	124	152	149	142	-	142	Stone, sand and gravel, zinc.
Pa	1,096	2,908	3,736	3,736	3,880	3,247	633	Coal, cement, stone.
E.N.C	**2,316**	**4,813**	**7,935**	**9,005**	**9,552**	**6,716**	**2,836**	(X)
Ohio	612	1,356	2,147	2,390	2,441	1,887	554	Coal, petroleum, natural gas.
Ind	256	542	957	1,106	1,111	852	259	Coal, petroleum, stone.
Ill	689	1,491	2,346	2,770	2,791	2,363	428	Coal, petroleum, stone.
Mich	671	1,292	2,306	2,587	3,052	1,614	1,438	Petroleum, iron ore, natural gas.
Wis	88	132	180	152	156	-	156	Stone, sand and gravel, iron ore.
W.N.C	**1,952**	**3,403**	**6,656**	**7,281**	**9,079**	**5,286**	**3,793**	(X)
Minn	633	1,097	2,068	1,782	2,152	-	2,152	Iron ore, sand and gravel, stone.
Iowa	121	196	292	265	250	18	232	Cement, stone, sand and gravel.
Mo	393	723	1,275	1,172	995	125	870	Lead, cement, stone.
N. Dak	96	202	506	801	1,889	1,867	22	Petroleum, coal, natural gas.
S. Dak	62	102	172	250	231	38	193	Gold, stone, cement.
Nebr	73	112	204	272	316	242	74	Petroleum, cement, sand and gravel.
Kans	584	971	2,140	2,740	3,245	2,996	249	Petroleum, natural gas, cement.
S.A	**2,406**	**7,191**	**(D)**	**10,528**	**11,515**	**7,843**	**3,672**	(X)
Del	2	2	3	2	3	-	3	Magnesium compounds, sand and gravel, clays.
Md	88	165	261	293	317	138	179	Coal, stone, cement.
Va	374	1,262	1,657	1,708	1,770	1,487	283	Coal, stone, cement.
W. Va	1,285	3,390	4,248	4,860	5,000	4,904	96	Coal, natural gas, petroleum.
N.C	98	153	342	380	377	-	377	Phosphate, stone, sand and gravel.
S.C	56	115	202	195	205	-	205	Cement, stone, clays.
Ga	203	333	(D)	771	804	-	804	Clays, stone, cement.
Fla	300	1,771	1,965	2,317	3,040	1,314	1,726	Petroleum, phosphate, stone.
E.S.C	**1,640**	**4,541**	**7,449**	**8,316**	**6,612**	**5,582**	**1,030**	(X)
Ky	847	2,739	4,291	4,498	1,604	1,396	208	Coal, petroleum, stone.
Tenn	220	423	651	674	768	350	418	Coal, stone, zinc.
Ala	323	969	1,647	1,994	2,441	2,128	313	Coal, petroleum, natural gas.
Miss	250	410	860	1,150	1,800	1,708	92	Petroleum, natural gas, cement.
W.S.C	**12,868**	**26,741**	**42,677**	**59,228**	**90,208**	**87,458**	**2,750**	(X)
Ark	226	436	709	787	1,099	817	282	Petroleum, bromine, stone.
La	5,102	8,513	14,138	16,396	30,681	30,107	574	Petroleum, natural gas, sulfur.
Okla	1,138	2,267	4,548	7,336	9,721	9,484	237	Petroleum, natural gas, coal.
Tex	6,402	15,525	23,282	34,710	48,708	47,050	1,658	Petroleum, natural gas, cement.
Mt	**4,545**	**8,014**	**14,574**	**18,862**	**24,137**	**17,118**	**7,019**	(X)
Mont	313	573	1,044	1,331	1,910	1,605	305	Petroleum, coal, copper.
Idaho	120	234	438	522	431	-	431	Silver, phosphate, lead.
Wyo	706	1,644	3,136	5,133	7,374	6,604	770	Petroleum, coal, natural gas.
Colo	390	958	1,824	2,544	2,866	1,900	966	Molybdenum, petroleum, coal.
N. Mex	1,060	2,092	3,986	4,789	6,402	5,707	695	Natural gas, petroleum, copper.
Ariz	1,167	1,288	2,495	2,476	2,567	1	2,566	Copper, molybdenum, cement.
Utah	603	966	1,376	1,661	2,067	1,284	783	Petroleum, copper, coal.
Nev	186	259	274	408	521	17	504	Gold, barite, diatomite.
Pac	**2,426**	**3,949**	**(D)**	**20,400**	**(D)**	**(D)**	**2,521**	(X)
Wash	91	159	(D)	207	(D)	(D)	212	Cement, sand and gravel, stone.
Oreg	68	106	165	152	147	-	147	Stone, sand and gravel, cement.
Calif	1,900	3,153	6,628	10,483	13,239	11,264	1,975	Petroleum, cement, natural gas.
Alaska	338	481	5,732	9,498	14,369	14,241	128	Petroleum, natural gas, sand and gravel.
Hawaii	29	50	64	60	59	-	59	Stone, cement, sand and gravel.

- Represents zero. D Withheld to avoid disclosing individual company data. X Not applicable.

Source: U.S. Bureau of the Census. Compiled from data from U.S. Bureau of Mines and U.S. Energy Information Administration.

No. 1270. Mineral Production Value—Summary: 1970 to 1982

[In billions of dollars]

Mineral	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Fuels:												
Production	20.2	22.1	24.9	40.9	47.5	52.5	55.5	61.5	82.2	120.8	161.1	157.5
Imports	3.0	4.7	8.1	27.1	26.4	33.9	44.2	42.2	60.0	78.8	80.2	62.8
Exports	1.6	1.5	1.7	3.4	4.4	4.2	4.2	3.8	5.6	7.7	9.0	11.3
Metals:												
Production	3.9	3.6	4.4	5.5	5.2	6.1	5.2	6.3	8.5	8.9	8.8	5.5
Imports	1.2	1.0	1.1	1.8	1.6	1.6	1.5	(NA)	1.8	2.1	2.3	(NA)
Exports	.3	.2	.3	.3	.4	.4	.5	(NA)	1.3	1.7	1.2	(NA)
Nonmetals:												
Production	5.8	6.5	7.4	8.7	9.6	10.6	11.7	13.5	15.4	16.2	16.4	14.1
Imports	.6	.6	.8	1.2	1.2	1.2	1.5	(NA)	2.3	2.6	2.9	(NA)
Exports	.2	.2	.3	.5	.7	.6	.7	(NA)	1.8	2.3	1.8	(NA)

NA Not available.

Source: U.S. Bureau of Mines, *Minerals Yearbook*, annual, and U.S. Energy Information Administration, *Annual Energy Review*.

No. 1271. Selected Mineral Products—Average Prices: 1960 to 1982

[Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1970*, series M 96, M 139, M 209, M 248, and M 262, for bituminous coal, crude petroleum, iron ore, lead, and aluminum, respectively]

Year	Iron ore pellets [1] (cents/l. ton, unit, iron)	Copper, electrolytic [2] (cents per lb.)	Platinum [3] (dol./troy oz.)	Gold (dol./fine oz.)	Silver (dol./fine oz.)	Lead [4] (cents per lb.)	Tin (New York) [5] (cents per lb.)	Zinc [6] (cents per lb.)	Aluminum, delivered [7] (cents per lb.)	Sulfur, crude [8] (dol./long ton)	Bituminous coal [9] (dol./short ton)	Crude petroleum [9] (dol./bbl.)
1960	(NA)	32.5	83	35.00	.91	11.9	101.4	13.0	26.0	23.13	4.69	2.88
1965	25.2	35.4	100	35.00	1.29	16.0	178.2	14.5	24.5	22.47	4.44	2.86
1970	26.6	58.2	133	36.41	1.77	15.6	174.2	15.3	28.7	23.14	6.26	3.18
1971	28.0	52.0	121	41.25	1.55	13.9	167.3	16.1	29.0	17.47	7.07	3.39
1972	28.0	51.2	121	58.60	1.69	15.0	177.5	17.8	26.3	17.03	7.66	3.39
1973	29.4	59.5	150	97.81	2.56	16.3	227.6	20.7	25.3	17.84	8.53	3.89
1974	40.6	77.3	181	159.74	4.71	22.5	396.3	36.0	34.1	28.88	15.75	6.87
1975	47.2	64.2	164	161.49	4.42	21.5	339.8	39.0	39.8	45.63	19.23	7.67
1976	53.1	69.6	162	125.32	4.35	23.1	379.8	37.1	44.5	46.45	19.43	8.19
1977	55.5	66.8	182	148.31	4.62	30.7	534.6	34.4	51.6	45.09	19.82	8.57
1978	60.9	66.5	237	193.55	5.40	33.7	629.6	31.0	54.0	[10] 45.17	21.78	9.00
1979	67.8	93.3	352	307.50	11.09	52.6	753.9	37.3	61.0	[10] 55.75	23.65	12.64
1980	73.7	102.4	439	612.56	20.63	42.5	846.0	37.4	71.6	[10] 89.06	24.52	21.59
1981	80.5	85.1	475	459.64	10.52	36.5	733.1	44.8	76.0	[10] 111.48	26.29	31.77
1982, prel	80.5-86.9	74.0	475	397.00	8.00	26.0	660.0	38.5	76.0	[10] 114.50	27.30	28.54

NA Not available. [1] Lower Great Lakes ports. Price as of end of year per long ton unit of contained iron, natural, delivered rail of vessel, Lake Superior ore. [2] Domestic market. [3] Average annual producer prices. [4] 1960–1971, New York prices; beginning 1972, nationwide delivered basis. [5] Straits tin through 1975; thereafter, composite price. [6] Prime western. Beginning 1971, delivered price. [7] 99.5 percent primary aluminum ingot. [8] F.O.B. works. [9] Average value at the point of production; includes Alaska. Source: U.S. Energy Information Administration, *Annual Energy Review* and *Monthly Energy Review*. [10] Per metric ton.

Source: 1960–1974 compiled from *Metals Week* (copyright); *Producer Prices and Price Indexes* (U.S. Bureau of Labor Statistics), *Minerals Yearbook and Mineral Commodity Summaries* (U.S. Bureau of Mines); thereafter, except as noted, *Minerals Yearbook* and *Mineral Commodity Summaries*.

No. 1272. Mineral Industries—Employment, Hours, and Earnings: 1970 to 1982

Item	Unit	1970	1980	1981	1982
All mining:					
All employees	1,000	623	1,027	1,139	1,143
Production workers	1,000	473	762	841	831
Avg. weekly earnings	Dol	164	397	439	459
Avg. hourly earnings	Dol	3.85	9.17	10.04	10.78
Avg. weekly hours	No	42.7	43.3	43.7	42.6
Coal mining:					
All employees	1,000	145	246	225	241
Production workers	1,000	127	204	186	197
Avg. weekly earnings	Dol	184	435	482	506
Avg. hourly earnings	Dol	4.54	10.86	11.89	12.67
Average weekly hours	No	40.6	40.5	40.5	40.0
Oil and gas extraction:					
All employees	1,000	270	560	692	717
Production workers	1,000	178	389	486	497
Avg. weekly earnings	Dol	154	390	433	453
Production workers—Con.					
Avg. hourly earnings	Dol	3.57	8.59	9.50	10.26
Average weekly hours	No	43.2	45.4	45.6	44.2
Metal mining:					
All employees	1,000	93	98	104	74
Production workers	1,000	75	74	78	54
Avg. weekly earnings	Dol	167	416	468	476
Avg. hourly earnings	Dol	3.88	10.26	11.55	12.33
Average weekly hours	No	43.1	40.5	40.5	38.6
Nonmetallic minerals, except fuels:					
All employees	1,000	115	123	119	111
Production workers	1,000	94	96	91	84
Avg. weekly earnings	Dol	155	328	356	380
Avg. hourly earnings	Dol	3.47	7.52	8.28	8.89
Average weekly hours	No	44.7	43.6	43.0	42.7

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings, United States 1909–78*, and *Supplement to Employment and Earnings, Revised Establishment Data*, July 1983.

NO. 1273. MINERAL INDUSTRIES—LOST WORKDAY INJURIES AND FATALITIES: 1960 TO 1981

[Excludes office workers. Lost workday injuries are nonfatal occurrences that result in days away from work, days of restricted work activity or a permanent disability. See also *Historical Statistics, Colonial Times to 1970*, series M 271-286]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Coal mining:											
Injuries, total	12,227	11,397	11,812	8,678	11,262	14,530	15,128	14,871	19,156	18,822	15,638
Fatal	325	259	260	133	155	141	139	106	144	133	153
Nonfatal	11,902	11,138	11,552	8,545	11,107	14,389	14,989	14,765	19,012	18,689	15,485
Rate per million work-hours:											
Fatal	1.2	1.0	1.0	.5	.4	.4	.4	.3	.3	.3	.4
Nonfatal	42	45	44	29	30	38	38	38	43	43	38
Fatalities per 1,000 employed [1]	1.71	1.74	1.81	.75	.71	.66	.60	.43	.58	.55	.64
Quarrying and related industries: [2]											
Injuries, total	4,707	3,353	3,709	2,661	2,562	2,912	3,287	4,135	4,487	3,551	2,527
Fatal	39	48	43	48	36	33	39	49	40	42	19
Nonfatal	4,668	3,305	3,666	2,613	2,526	2,879	3,248	4,086	4,447	3,509	2,508
Rate per million work-hours:											
Fatal	.2	.3	.2	.4	.3	.2	.3	.3	.2	.3	.1
Nonfatal	23	17	20	19	19	19	21	25	26	21	17
Rate per 1,000 workers: [1]											
Fatal	.4	.5	.5	.6	.5	.4	.5	.6	.4	.5	.2
Nonfatal	49	37	45	33	33	35	39	49	49	40	31
Metal and nonmetal mining: [3]											
Injuries, total	7,253	6,328	6,730	5,448	5,158	4,907	4,694	7,124	7,983	6,923	6,376
Fatal	121	92	93	71	66	56	68	62	57	46	56
Nonfatal	7,132	6,236	6,637	5,377	5,092	4,851	4,626	7,062	7,926	6,877	6,320
Rate per million work-hours:											
Fatal	.8	.6	.7	.3	.3	.2	.3	.3	.2	.2	.2
Nonfatal	45	42	47	24	22	20	20	29	31	28	24
Rate per 1,000 workers: [1]											
Fatal	.9	.8	.8	.6	.5	.5	.5	.5	.4	.3	.4
Nonfatal	50	52	60	44	40	39	37	56	59	51	44

[1] Average number of persons at work each day mines were active. [2] *Includes manufacture of cement, except for 1974-1975.* [3] Beginning 1975, nonmetal mines exclude extraction of Frasch process sulfur.

Source: 1960-1970, U.S. Bureau of Mines, *Minerals Yearbook*, and unpublished data; thereafter, U.S. Mine Safety and Health Administration, Denver, Colorado, unpublished data.

NO. 1274. LAND UTILIZED AND RECLAIMED BY THE MINING INDUSTRY IN THE UNITED STATES IN 1930-1980 AND 1980, BY SELECTED COMMODITY

[Includes area of surface mine excavation, area used for disposal of surface mine waste (includes coal, 1930-71 only), surface area subsided or disturbed as a result of underground workings (1930-71 only), surface area used for disposal of underground waste, and surface area used for disposal of mill, or processing waste. Excludes areas used for haulroads, fresh water reservoirs, railroads and public highways to edge of mining properties, and streams affected by acid drainage and sedimentation]

COMMODITY	LAND UTILIZED (acres)		LAND RECLAIMED (acres)		Percent reclaimed 1930-80
	1930-80	1980	1930-80	1980	
Total [1]	**5,700,000**	**228,000**	**2,700,000**	**123,000**	**47.4**
Metals, total [1]	508,000	9,160	41,000	990	8.1
Copper	188,000	2,570	5,400	190	2.9
Iron ore	121,000	2,040	5,100	80	4.2
Uranium	17,000	310	1,300	70	7.7
Nonmetals, total [1]	2,353,000	95,600	635,600	29,810	27.0
Clays	230,000	6,920	86,100	3,220	37.4
Phosphate rock	270,000	19,420	65,200	4,830	24.2
Sand and gravel	960,000	38,800	296,000	13,140	30.8
Stone	743,000	27,560	174,400	7,640	23.5
Bituminous coal	2,700,000	121,710	2,036,000	92,220	75.4

[1] *Includes other not shown separately.*

Source: U.S. Bureau of Mines, Information Circular 8862, Land Utilization and Reclamation in the Mining Industry, 1930-80.

NO. 1275. PRINCIPAL FUELS, NONMETALS, AND METALS—U.S. PRODUCTION AS PERCENT OF WORLD PRODUCTION: 1965 TO 1981

MINERAL	WORLD PRODUCTION						PERCENT U.S. OF WORLD				
	Unit	1965	1970	1975	1980	1981, prel.	1965	1970	1975	1980	1981, prel.
Fuels: [1]											
Coal	Bil. sh. ton	3.1	3.3	3.7	4.2	4.2	17	18	18	20	19
Petroleum (crude)	Bil. bbl	11.1	16.7	19.3	21.8	20.4	26	21	16	14	15
Natural gas (dry, marketable)	Tril. cu. ft	(NA)	37.7	44.7	53.5	54.9	65	58	43	37	35
Nonmetals:											
Asbestos	Mil. sh. ton	3.1	3.9	4.6	5.4	5.2	4	3	2	2	2
Barite	Mil. sh. ton	3.9	4.3	5.4	8.1	8.7	22	20	25	28	33
Feldspar	Mil. sh. ton	2.2	2.8	2.9	3.5	3.4	32	26	23	20	19
Fluorspar	Mil. sh. ton	3.1	4.6	5.0	5.4	5.5	8	4	3	2	2
Gypsum	Mil. sh. ton	53.0	56.9	65.3	86.3	85.0	19	17	15	14	14
Mica (incl. scrap)	1,000 sh. ton	218	180	250	365	386	55	66	54	62	65
Nitrogen, agricultural [2]	Mil. sh. ton	18.5	33.4	46.7	78.7	78.8	27	25	20	21	20
Phosphate rock	Mil. sh. ton	70.3	93.6	118.6	152.5	152.8	34	41	41	39	39
Potash (K_2O equiv.)	Mil. sh. ton	15.1	20.0	27.4	30.5	30.2	21	14	9	8	8
Sulfur, elemental	Mil. lg. ton	15.3	22.2	49.9	55.7	54.8	48	39	22	21	22
Metals, mine basis:											
Bauxite	Mil. lg. ton	36.8	56.9	74.5	87.4	84.4	4	4	2	2	2
Copper [3]	Mil. sh. ton	5.6	6.6	7.7	8.4	9.0	24	26	18	15	19
Gold	Mil. troy oz	46.2	47.5	38.7	39.1	40.8	4	4	3	2	3
Iron ore	Mil. lg. ton	611	754	887	882	847	14	12	9	8	9
Lead [3]	Mil. sh. ton	3.0	3.7	3.8	3.8	3.7	10	15	17	16	13
Mercury	1,000 flask [4]	276	284	252	204	207	7	10	3	15	14
Molybdenum [3]	Mil. lb	115	181	177	242	240	67	61	60	62	58
Nickel [3]	1,000 sh. ton	468	693	868	821	772	3	2	2	2	2
Silver	Mil. troy oz	257	301	298	340	365	16	15	12	10	11
Titanium concentrates:											
Ilmenite	Mil. sh. ton	[5] 2.7	[5] 4.0	3.2	4.0	4.0	36	23	22	14	13
Tungsten	Mil. lb	59.6	71.4	84.3	114.1	108.4	13	13	7	5	7
Uranium oxide (U_3O_8) [5]	1,000 sh. ton	21	24	27	(NA)	(NA)	49	53	43	(NA)	(NA)
Vanadium [3]	1,000 sh. ton	9.1	19.9	23.2	38.3	38.9	58	26	20	13	13
Zinc [3]	Mil. sh. ton	4.7	6.0	6.4	6.4	6.4	13	9	7	5	5
Metals, smelter basis:											
Aluminum	Mil. sh. ton	7.0	10.6	13.4	17.0	16.6	37	37	29	30	30
Cadmium	Mil. lb	26.1	36.5	33.9	40.0	39.1	27	26	13	9	9
Copper	Mil. sh. ton	6.1	6.8	7.7	8.8	9.2	24	24	18	13	17
Iron, pig (incl. ferroalloys)	Mil. sh. ton	369	474	529	563	552	25	19	15	12	13
Lead	Mil. sh. ton	2.9	3.6	3.6	5.7	5.5	14	18	17	24	23
Magnesium	1,000 sh. ton	178	242	258	350	328	46	46	47	48	44
Steel ingots and castings	Mil. sh. ton	507	655	713	787	776	26	20	16	14	15
Tin	1,000 m. ton [6]	200	227	228	250	242	2	(NA)	3	1	1
Zinc	Mil. sh. ton	4.4	5.3	5.5	6.7	6.8	23	16	8	6	6

NA Not available. [1] Source: Beginning 1975, Energy Information Administration, *International Energy Annual.* See table 1281 for production by world region. [2] Through 1975, for years ending June 30; thereafter as of September 30. U.S. production includes Puerto Rico. [3] Content of ore and concentrate. [4] 76-lb. flasks. [5] Excludes Soviet Union. [6] Metric tons.

Source: Except as noted, U.S. Bureau of Mines, *Minerals Yearbook,* annual.

NO. 1276. FEDERAL STRATEGIC AND CRITICAL MATERIALS INVENTORY: 1970 TO 1982

[As of **Dec. 31.** Covers strategic and critical materials essential to military and industrial requirements in time of national emergency. Market values are estimated current trade values of similar materials and not necessarily amounts that would be realized at time of sale]

MINERAL	QUANTITY [1]					VALUE (mil. dol.)				
	Unit	1970	1975	1980	1981	1982	1970	1975	1980	1981	1982
Tin	1,000 lg. ton	253	207	200	197	191	942	1,361	3,158	3,344	2,503
Silver	1,000 troy oz	165,000	139,500	139,500	137,506	137,506	297	556	2,288	1,097	1,423
Cobalt	Mil. lb	72	46	41	41	46	158	185	1,020	747	572
Bauxite [2]	1,000 lg. ton	16,797	14,332	14,333	14,333	15,958	286	350	583	666	733
Manganese [3]	1,000 sh. ton	10,001	4,274	3,495	4,837	4,775	451	522	540	579	556
Tungsten [4]	Mil. lb	82	75	62	93	92	272	414	533	713	493
Zinc	1,000 sh. ton	1,120	375	376	378	378	347	291	313	338	293
Titanium	1,000 sh. ton	24	27	21	32	32	60	145	301	459	353
Platinum	1,000 troy oz	450	453	440	453	453	60	72	209	215	215
Chromium [5]	1,000 sh. ton	760	760	763	784	784	392	815	747	788	784
Diamond: Stones	Carat	25,230	20,000	19,224	17,748	17,024	298	168	349	399	400
Industrial, bort	Carat	42,611	33,577	23,693	23,693	22,193	101	70	73	53	39

[1] Consists of stockpile and nonstockpile grades and reflects uncommitted balances. [2] Consists of abrasive grade, met. grade Jamaica, met. grade Surinam, and refractory. [3] Consists of chemical grade, dioxide battery natural, dioxide battery synthetic, electrolytic, ferro-high carbon, ferro-med. carbon, ferro-silicon, and metal. [4] Consists of carbide powder, ferro, metal powder, and ores and concentrates. [5] Consists of ferro-high carbon, ferro-low carbon, ferro-silicon, and metal.

Source: U.S. General Services Administration, *Statistical Supplement, Stockpile Report to the Congress* (OP–4).

NO. 1277. AVERAGE ANNUAL IMPORTS AND EXPORTS OF MINERALS IN CONSTANT (1972) DOLLARS: 1950 TO 1977

[In millions of constant (1972) dollars]

ITEM	IMPORTS						EXPORTS					
	1950–1954	1955–1959	1960–1964	1965–1969	1970–1974	1975–1977	1950–1954	1955–1959	1960–1964	1965–1969	1970–1974	1975–1977
Minerals[1]	3,301	4,528	4,884	6,647	9,832	13,173	1,421	1,845	1,824	2,045	2,346	2,413
Iron and ferroalloy ores	649	916	942	1,307	1,455	1,497	208	366	484	468	585	594
Other metal ores	1,232	1,379	1,000	1,350	1,551	1,756	283	392	560	578	617	616
Fuels	1,172	1,922	2,570	3,475	6,182	9,202	857	974	617	750	825	834
Other nonmetallic	148	197	245	380	488	580	69	106	152	228	293	332

[1] Includes construction material.

Source: U.S. Bureau of the Census and U.S. Bureau of Mines: *Raw Materials in the United States Economy 1900–1977*, Technical Paper 47.

NO. 1278. SELECTED MINERAL AND METAL PRODUCTS—QUANTITY AND VALUE OF IMPORTS AND EXPORTS: 1970 TO 1982

[Imports represent imports for consumption. Exports include shipments under foreign aid programs. Includes trade of Puerto Rico with foreign countries]

PRODUCT	QUANTITY						VALUE (mil. dol.)				
	Unit	1970	1975	1980	1981	1982	1970	1975	1980	1981	1982
IMPORTS											
Petroleum (crude)[1]	Mil. bbl	535	1,581	1,975	1,751	1,417	1,260	18,290	61,899	61,458	45,724
Nonmetallic minerals:											
Abrasives:											
Diamonds (industrial)	Mil. carat	13.4	14.3	21.8	20.4	19.1	49	53	111	111	86
Gem stones: Diamonds	Mil. carat	4.3	4.6	4.2	4.4	4.6	425	722	2,251	2,201	1,918
Ores and concentrates:											
Bauxite (crude)	Mil. lg. ton	13.6	11.5	13.9	12.6	10.0	160	245	(NA)	(NA)	(NA)
Chromium (Cr_2O_3 content)	1,000 sh. ton	647	559	410	368	209	32	61	57	50	30
Copper	1,000 sh. ton	65	29	58	43	130	77	36	73	57	141
Iron	Mil. lg. ton	44.9	46.7	25.1	28.3	14.5	480	860	773	948	471
Tungsten	Mil. lb	1.3	6.6	11.4	11.8	7.8	3	32	87	91	47
Metals:											
Aluminum	1,000 sh. ton	350	434	581	711	679	164	317	778	991	858
Cobalt	Mil. lb	11.9	6.1	15.0	13.9	11.6	26	26	359	239	138
Copper refined in ingots, etc	1,000 sh. ton	132	143	471	364	285	149	166	935	582	395
Gold (bullion)	Mil. troy oz	8.4	2.3	4.1	4.2	4.2	227	407	2,507	1,943	1,651
Iron and steel products (major)	Mil. sh. ton	13.7	12.4	16.2	20.7	17.3	2,066	4,507	7,713	11,202	10,290
Platinum group[2]	Mil. troy oz	1.4	1.7	3.5	2.8	2.5	105	273	1,177	800	554
Silver (bullion)	Mil. troy oz	29.6	61.6	64.8	75.9	96.9	53	274	1,332	837	786
Zinc: Blocks, pigs, slabs	1,000 sh. ton	260	375	452	675	503	74	274	319	549	371
EXPORTS											
Fuels:[1]											
Bituminous coal	Mil. sh. ton	71.0	65.8	89.9	110.2	105.2	955	3,242	4,523	5,809	5,938
Petroleum (crude)	Mil. bbl	5.0	(Z)	30.6	16.4	13.1	17	(Z)	751	577	469
Nonmetallic minerals:											
Gem stones: Diamonds	Mil. carat	(NA)	.3	1.3	3.2	2.7	(NA)	237	1,041	854	639
Nitrogen compounds (maj.)	Mil. sh. ton	3.4	4.7	11.1	8.4	7.8	151	860	1,842	1,398	1,179
Phosphatic fertilizers[3]	Mil. sh. ton	.8	3.6	43.4	26.0	41.2	29	725	1,383	1,035	837
Metals:											
Aluminum: Ingots, slabs, crude	1,000 sh. ton	408	186	715	344	401	215	134	1,107	527	476
Plates, sheets, bars, etc	1,000 sh. ton	138	171	306	264	194	107	229	716	625	440
Gold (refined bullion)	Mil. troy oz	1.0	3.1	4.7	5.2	1.6	34	429	2,787	2,501	591
Iron and steel products (major)	Mil. sh. ton	7.6	3.9	4.5	3.3	2.2	1,375	2,970	3,504	3,414	2,515
Magnesium[4]	1,000 sh. ton	35.7	32.6	56.8	34.9	39.6	23	48	128	91	105
Molybdenum[5]	1,000 lb	671	317	614	2,641	697	,8	,9	5	10	2
Silver (refined bullion)	Mil. troy oz	17.2	22.6	57.2	15.1	12.9	31	104	1,327	181	106
Scrap exports:											
Aluminum	1,000 sh. ton	57	67	445	241	214	21	29	483	236	158
Iron and steel	Mil. sh. ton	10.9	9.6	11.4	6.5	6.9	459	781	1,257	653	623

NA Not available. Z Less than 50,000 bbl. or $500,000. [1] Source: U.S. Bureau of the Census, *U.S. Imports for Consumption and General Imports, TSUSA Commodity and Country*, FT 246, annual; and *U.S. Exports, Schedule B Commodity and Country*, FT 446, monthly. [2] Unwrought and semimanufactured. [3] Superphosphates and ammonium phosphates. [4] Metal and alloys, scrap, semimanufactured forms. [5] Metals and alloys, crude and scrap.

Source: Except as noted, U.S. Bureau of Mines, *Minerals Yearbook*.

NO. 1279. NET U.S. IMPORTS OF SELECTED MINERALS AND METALS AS PERCENT OF APPARENT CONSUMPTION, 1960 TO 1982, AND BY MAJOR FOREIGN SOURCES, 1978–1981

[In percent. Figures based on net imports which equal the difference between imports and exports plus or minus government stockpile and industry stock changes]

MINERAL	1960	1970	1978	1979	1980	1981	1982	Rank of major foreign sources, 1978–1981
Columbium	100	100	100	100	100	100	100	Brazil, Canada, Thailand.
Mica (sheet)	94	100	100	100	100	100	100	India, Brazil, Madagascar.
Strontium	100	100	100	100	100	100	100	Mexico.
Manganese	89	95	97	98	98	98	99	**Ore:** Gabon, So. Africa, Australia, Brazil.
Bauxite [1]	74	88	93	93	94	94	97	**Bauxite:** Jamaica, Guinea, Suriname; **Alumina:** Australia, Jamaica, Suriname.
Tantalum	94	96	97	96	90	92	90	Thailand, Canada, Malaysia, Brazil.
Cobalt	66	98	95	94	93	92	91	Zaire, Zambia, Belgium-Luxembourg, Finland.
Chromium	85	89	91	90	91	90	88	**Chromite:** So. Africa, Soviet Union, Philippines; **Ferrochrome:** So. Africa, Yugoslavia, Zimbabwe, Brazil.
Platinum group	82	78	90	89	88	83	85	Rep. of So. Africa, Soviet Union, United Kingdom.
Tin	82	81	79	80	79	77	72	Malaysia, Thailand, Bolivia, Indonesia.
Asbestos	94	83	85	83	78	78	74	Canada, Rep. of So. Africa.
Nickel	72	71	80	69	71	68	75	Canada, Norway, Botswana, Australia.
Potassium	(2)	42	64	66	65	65	71	Canada, Israel.
Zinc	46	54	66	63	60	64	53	**Ore:** Canada, Peru, Mexico; **Metal:** Canada, Spain, Mexico.
Cadmium	13	7	63	64	55	64	69	Canada, Australia, Mexico, Rep. of Korea.
Tungsten	32	50	56	58	53	50	48	Canada, Bolivia, China, Thailand.
Antimony	43	40	43	53	48	48	45	**Metal:** Bolivia, China, Mexico, Belgium-Luxembourg; **Ore:** Bolivia, Canada, Mexico, Chile.
Silver	43	26	43	42	7	53	59	Canada, Mexico, United Kingdom.
Selenium	25	11	43	28	59	49	50	Canada, Japan, Fed. Rep. of Germany, United Kingdom.
Titanium [3]	22	24	41	39	32	54	72	Australia, Canada, Rep. of So. Africa.
Barium	45	45	27	37	44	40	52	China, Peru, Chile, Morocco.
Vanadium	(2)	21	36	28	35	34	14	Rep. of So. Africa, Chile, Canada.
Mercury	25	41	64	59	26	44	43	Spain, Japan, Italy, Algeria.
Gypsum	35	39	32	35	35	37	36	Canada, Mexico, Spain.
Petroleum [4 5]	17	22	43	43	37	34	26	Saudi Arabia, Nigeria, Mexico, Canada, Venezuela.
Iron ore	18	30	29	25	25	22	36	Canada, Venezuela, Brazil, Liberia.
Iron and steel	(2)	4	12	12	15	13	22	Europe, Japan, Canada.
Gold	56	59	53	50	18	15	43	Canada, Soviet Union, Switzerland.
Sulfur	(2)	(2)	12	11	14	5	3	Canada, Mexico.
Copper	(2)	(2)	20	12	14	–	7	Chile, Canada, Peru, Zambia.
Natural gas [5]	1	4	5	6	5	4	5	Canada, Mexico, Algeria.
Aluminum	(2)	(2)	11	4	(2)	(2)	4	Canada, Ghana, Norway, Japan.

– Represents zero. [1] Includes alumina. [2] Net exports. [3] Ilmenite. [4] Includes crude and products. [5] Source: Beginning 1978, Energy Information Administration: *Annual Report to Congress*, vol. II.

Source: Except as noted, U.S. Bureau of Mines, *Mineral Commodity Summaries;* import and export data from U.S. Bureau of the Census.

NO. 1280. PETROLEUM INDUSTRY—SUMMARY: 1940 TO 1982

YEAR	CRUDE OIL PRODUCING WELLS		COMPLETED WELLS DRILLED (1,000)				CRUDE OIL PRODUCTION			Imports, crude oil (mil. bbl.)	Imports refined petroleum products (mil. bbl.)	Operable refinery capacity (Jan. 1) (mil. bbl.)	Operable output (mil. bbl.)
	Total (1,000)	Daily output per well (bbl.)	Total	Crude oil	Gas	Dry	Total (mil. bbl.)	Value at wells (bil. dol.)	Avg. price per bbl. (dol.)				
1940	389	9.6	30	19	2	7	1,353	1.4	1.02	43	41	1,536	1,333
1945	416	11.3	27	14	3	7	1,714	2.1	1.22	74	39	1,653	1,794
1950	466	11.8	42	24	3	15	1,974	5.0	2.51	178	133	2,271	2,197
1955	524	13.2	55	30	4	20	2,484	6.9	2.77	285	170	2,945	2,880
1960	591	12.0	46	22	5	18	2,575	7.4	2.88	372	293	3,602	3,195
1965	589	13.3	39	18	4	16	2,849	8.1	2.86	452	449	3,803	3,769
1970	531	18.0	28	13	4	11	3,517	11.2	3.18	483	765	4,388	4,421
1971	517	18.1	26	12	4	10	3,454	11.7	3.39	613	819	4,694	4,379
1972	508	18.4	27	11	5	11	3,455	11.7	3.39	811	924	4,865	4,593
1973	497	18.3	27	10	6	10	3,361	13.1	3.89	1,184	1,099	4,979	5,057
1974	498	17.6	32	13	7	12	3,203	22.0	6.87	1,269	962	5,242	4,927
1975	500	16.8	37	16	8	13	3,057	23.4	7.67	1,498	712	5,461	4,995
1976	499	16.3	40	17	9	14	2,976	24.4	8.19	1,935	741	5,577	5,372
1977	507	16.4	45	19	11	15	3,010	25.8	8.57	2,414	800	5,985	5,794
1978	517	17.0	47	18	13	16	3,176	28.3	9.00	2,320	733	6,222	5,828
1979	531	16.3	50	19	15	16	3,121	39.5	12.64	2,380	707	6,366	5,753
1980	548	15.9	61	27	16	18	3,146	67.9	21.59	1,926	603	6,584	5,352
1981	557	15.4	79	38	18	23	3,129	99.4	31.77	1,605	584	6,589	5,106
1982, prel	569	15.1	86	40	19	27	3,165	90.3	28.54	1,263	577	6,530	4,888

Source: 1940–1945, American Petroleum Institute, Washington, D.C., *Petroleum Facts and Figures,* biennial; beginning 1950, U.S. Energy Information Administration, *Annual Energy Review* and *Petroleum Supply Annual.*

No. 1281. Crude Oil, Natural Gas, and Coal—World Production, by Region: 1960 to 1981

Fuel and region	Production										Percent distribution		
	1960	1970	1973	1975	1976	1977	1978	1979	1980	1981, prel.	1960	1970	1981
Crude oil (mil. bbl.)													
World	**7,674**	**16,711**	**20,321**	**19,301**	**20,959**	**21,785**	**21,921**	**22,825**	**21,791**	**20,363**	**100.0**	**100.0**	**100.0**
United States	2,575	3,517	3,361	3,057	2,976	3,009	3,178	3,121	3,146	3,129	33.6	21.0	15.4
Other W. Hemisphere	1,555	2,377	2,531	2,090	2,076	2,135	2,217	2,468	2,567	2,624	20.3	14.2	12.9
Western Europe	99	116	164	218	334	518	663	860	926	984	1.3	.7	4.8
Africa	105	2,207	2,149	1,812	2,141	2,273	2,178	2,381	2,207	1,663	1.4	13.2	8.2
Middle East	1,923	5,096	7,689	7,126	8,050	8,123	7,702	7,869	6,737	5,745	25.1	30.5	28.2
Far East and Oceania	1,417	3,393	1,196	1,340	1,534	1,682	1,760	1,816	1,774	1,748	18.5	20.3	8.6
Eastern Europe and U.S.S.R.[1]			3,232	3,659	3,848	4,045	4,223	4,311	4,432	4,469			21.9
Natural gas[2] (tril. cu. ft.)													
World	**16.92**	**37.66**	**43.41**	**44.38**	**46.44**	**47.78**	**49.07**	**52.26**	**53.52**	**54.93**	**100.0**	**100.0**	**100.0**
United States	12.77	21.92	21.73	19.24	19.10	19.16	19.12	19.66	19.60	19.42	75.5	58.2	35.4
Other W. Hemisphere	1.30	3.55	4.16	4.06	4.08	4.39	4.64	5.03	5.12	5.09	7.7	9.4	9.3
Western Europe	.43	2.75	5.15	6.07	6.46	6.01	5.79	6.59	6.40	6.38	2.6	7.3	11.6
Africa	.01	.12	.32	.37	.54	.50	.57	.66	.96	1.37	(Z)	.3	2.5
Middle East	.06	.46	1.18	1.42	1.50	1.72	2.00	1.95	1.61	1.40	.3	1.2	2.5
Far East and Oceania	2.35	8.86	.92	1.27	1.48	1.73	1.84	2.06	2.44	2.64	13.9	23.5	4.8
Eastern Europe and U.S.S.R.			9.96	11.95	13.27	14.26	15.11	16.32	17.38	18.63			33.9
Coal (mil. sh. ton)													
World	**2,899**	**3,317**	**3,447**	**3,673**	**3,772**	**3,840**	**3,921**	**4,121**	**4,197**	**4,208**	**100.0**	**100.0**	**100.0**
United States	434	613	599	655	685	697	670	781	830	820	15.0	18.5	19.5
Other W. Hemisphere	21	28	36	43	44	49	51	57	64	69	.7	.8	1.6
Western Europe	618	500	508	509	518	506	509	529	543	566	21.3	15.1	13.5
Africa	48	66	75	82	91	100	105	120	133	149	1.7	2.0	3.5
Middle East, Far East and Oceania	1,778	2,111	800	890	921	942	1,026	1,063	1,061	1,087	61.3	63.6	25.8
Eastern Europe and U.S.S.R.			1,431	1,494	1,513	1,546	1,560	1,571	1,566	1,517			36.1

Z Less than .05 percent. [1] 1960 and 1970, include Cuba. [2] Marketed production, wet, through 1970; thereafter dry.

Source: 1960 and 1970, U.S. Dept. of Interior, *Energy Perspectives 2*, June 1976, and unpublished data; thereafter, U.S. Energy Information Administration, *International Energy Annual*, September 1982.

No. 1282. Fuel Consumption, by Type of Use: 1960 to 1982

Fuel and use	Unit	Consumption								Percent use			
		1960	1965	1970	1975	1979	1980	1981	1982[1]	1965	1970	1980	1982[1]
Petroleum[2]	**Mil. bbl**	**3,586**	**4,202**	**5,364**	**5,958**	**6,757**	**6,242**	**5,661**	**5,568**	**100**	**100**	**100**	**100**
Fuel use[3]	Mil. bbl	(NA)	3,802	4,787	5,299	5,918	5,455	5,109	4,864	90	89	87	87
Nonfuel use[3]	Mil. bbl	(NA)	400	578	659	839	788	752	704	10	11	13	13
Residential[4]	Mil. bbl	628	699	797	710	630	555	487	465	16	15	10	8
Industrial	Mil. bbl	994	1,189	1,396	1,483	1,954	1,775	1,566	1,459	28	26	27	26
Transportation	Mil. bbl	1,879	2,199	2,833	3,258	3,648	3,491	3,456	3,393	52	53	56	61
Electrical generation	Mil. bbl	85	115	339	506	525	421	352	251	3	6	7	4
***Natural gas* (dry)**	**Bil. cu. ft**	**11,967**	**15,280**	**21,139**	**19,538**	**20,241**	**19,877**	**19,404**	**17,942**	**100**	**100**	**100**	**100**
Fuel use[3]	Bil. cu. ft	(NA)	(NA)	(NA)	19,008	19,646	19,288	18,824	17,421	(NA)	(NA)	97	97
Nonfuel use[3]	Bil. cu. ft	(NA)	(NA)	(NA)	530	595	589	580	520	(NA)	(NA)	3	3
Residential[4]	Bil. cu. ft	4,123	5,346	7,235	7,432	7,751	7,363	7,066	7,315	35	34	37	41
Industrial[5]	Bil. cu. ft	4,535	5,955	7,851	6,968	6,899	7,172	7,127	5,954	39	37	36	33
Pipeline fuel	Bil. cu. ft	347	501	722	583	601	635	642	594	3	3	3	3
Electrical generation	Bil. cu. ft	1,725	2,321	3,932	3,158	3,491	3,682	3,640	3,227	15	19	19	18
Lease and plant fuel	Bil. cu. ft	1,237	1,156	1,399	1,396	1,499	1,026	928	852	8	7	5	5
Coal[6][7]	**Mil. sh. ton**	**398**	**472**	**523**	**563**	**681**	**703**	**733**	**708**	**100**	**100**	**100**	**100**
Fuel use[3]	Mil. sh. ton	393	467	518	563	677	700	730	706	99	99	100	100
Nonfuel use[3]	Mil. sh. ton	5	5	6	5	3	3	3	2	1	1	(Z)	(Z)
Residential[4]	Mil. sh. ton	41	26	16	9	8	6	7	7	6	3	1	1
Industrial	Mil. sh. ton	177	201	187	147	145	127	128	106	43	36	18	15
Electrical generation	Mil. sh. ton	177	245	320	406	527	569	597	594	52	61	81	84

NA Not available. Z Less than .5 percent. [1] Preliminary. [2] Products refined and processed from crude oil, including still gas, liquefied refinery gas, and natural gas liquids. [3] Source, 1960 to 1979, U.S. Bureau of Mines, *United States Energy Through the Year 2000*, December 1972; and *Minerals Yearbook*. [4] Includes commercial. [5] Excludes lease and plant fuel. [6] Includes anthracite, bituminous, and lignite coals. [7] Includes transportation and miscellaneous, not shown separately.

Source: Except as noted, U.S. Energy Information Administration, *Annual Energy Review*.

No. 1283. Crude Petroleum and Refined Products: 1965 to 1982

[Barrels of 42 gallons. See tables 992, 993 and 1075 for additional information. See also *Historical Statistics, Colonial Times to 1970,* series M 138–142, M 178, and M 181]

ITEM	Unit	1965	1970	1973	1975	1978	1979	1980	1981	1982 [1]
Crude petroleum:										
Domestic production	Mil. bbl.	2,849	3,517	3,361	3,057	3,178	3,121	3,146	[1] 3,129	3,165
Value at wells	Bil. dol.	8.1	11.2	13.1	23.4	28.6	39.5	66.9	99.4	90.3
Average price per barrel at wells	Dol.	2.86	3.18	3.89	7.67	9.00	12.64	21.59	31.77	28.54
World production	Mil. bbl.	11,058	16,719	20,561	19,301	21,921	22,825	21,791	[1] 20,363	19,290
U.S. proportion of world total	Percent	26	21	17	16	14	14	14	15	16
Imports	Mil. bbl.	452	483	1,184	1,498	2,320	2,380	1,926	1,605	1,263
Value [2]	Mil. dol.	1,118	1,052	4,231	18,374	32,140	46,100	62,014	61,940	45,862
Exports	Mil. bbl.	1	5	1	2	58	86	105	83	86
Value [2]	Mil. dol.	2,841	4,991	2,621	178	389	394	751	577	469
Stocks, Dec. 31	Mil. bbl.	220	276	242	271	376	430	466	594	642
Proved reserves [3] Dec. 31	Mil. bbl.	31,352	39,001	35,300	32,682	31,355	29,610	29,805	29,426	(NA)
Refinery:										
Total capacity (Dec. 31) [4]	Mil. bbl.	3,308	4,694	5,242	5,577	6,366	6,584	6,589	6,530	6,154
Crude oil receipts at refineries	Mil. bbl.	3,297	3,973	4,546	4,546	5,373	5,346	4,934	4,563	4,331
By pipeline: Domestic	Mil. bbl.	2,363	2,840	2,905	2,662	2,418	2,329	2,275	2,343	2,401
Foreign	Mil. bbl.	107	237	409	398	594	612	503	346	406
By water: Domestic	Mil. bbl.	444	610	399	305	584	592	642	587	619
Foreign	Mil. bbl.	344	244	775	1,101	1,683	1,722	1,406	1,184	817
By tank cars and trucks	Mil. bbl.	38	43	58	80	94	108	121	103	89
Utilization rate [4] [5]	Percent	(NA)	88.6	89.8	84.2	86.9	87.6	81.0	77.4	69.8
Refined products:										
Operating refineries, Dec. 31	Number	286	279	284	287	311	319	315	254	233
Daily crude oil capacity [6]	Mil. bbl.	10.2	12.7	14.2	14.9	17.1	18.0	18.1	16.1	15.0
Retail prices for leaded regular motor gasoline (U.S. city average)	Cents	[7] 31.2	[7] 35.7	[7] 38.8	56.7	62.6	85.7	119.1	131.1	122.2
Yield of gasoline	Percent	44.0	45.3	45.6	46.5	44.1	43.0	44.5	44.5	46.2
Imports	Mil. bbl.	449	765	1,099	712	733	707	603	584	577
Value [2]	Mil. dol.	1,047	1,413	3,318	6,751	6,844	9,752	11,502	13,328	13,200
Exports	Mil. bbl.	67	89	84	74	74	86	94	134	211
Value [2]	Mil. dol.	482	424	391	325	685	858	1,242	2,088	4,589
Stocks, Dec. 31	Mil. bbl.	616	741	766	862	901	911	926	890	787

NA Not available. [1] Preliminary. [2] Source: U.S. Bureau of the Census, *FT 135,* monthly, and *FT 410,* monthly. [3] Source: 1965–1975 American Petroleum Institute, Washington, D.C., thereafter, U.S. Energy Information Administration, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves,* annual. [4] Source: 1965–1980 U.S. Energy Information Administration, *Petroleum Refineries in the United States* and *U.S. Territories,* annual. [5] Crude runs as percent of total capacity. [6] Operating capacity. [7] Average dealer's net price per gallon (incl. tax) of regular grade full service gasoline. Data from Platt's Oilgram Price Service.

Source: Except as noted, through 1975, U.S. Bureau of Mines, *Minerals Yearbook;* thereafter, U.S. Energy Information Administration, *Monthly Energy Review, Annual Energy Review,* and *Petroleum Supply Annual.*

No. 1284. Petroleum—Runs to Stills and Refinery Products, by Type: 1965 to 1982

[In millions of barrels, except percent. Barrels of 42 gallons, except as indicated. See also *Historical Statistics, Colonial Times to 1970,* series M 162–177]

PRODUCT	1965	1970	1973	1975	1976	1977	1978	1979	1980	1981	1982, prel.	PERCENT 1970	PERCENT 1980	PERCENT 1982, prel.
Input [1]	**3,560**	**4,290**	**4,890**	**4,827**	**5,197**	**5,602**	**5,646**	**5,561**	**5,133**	**4,921**	**4,694**	**100.0**	**100.0**	**100.0**
Crude petroleum	3,301	3,968	4,537	4,541	4,910	5,330	5,379	5,346	4,934	4,552	4,297	92.5	96.1	91.5
Domestic	2,848	3,485	3,360	3,047	2,989	2,932	3,100	3,018	3,023	(NA)	(NA)	81.2	58.9	(NA)
Foreign	453	482	1,177	1,494	1,921	2,398	2,280	2,328	1,911	(NA)	(NA)	11.2	37.2	(NA)
Natural gas liquids [2]	227	284	308	273	279	264	252	202	185	369	397	6.6	3.6	8.5
Output	**3,769**	**4,421**	**5,057**	**4,995**	**5,372**	**5,794**	**5,828**	**5,753**	**5,352**	**5,106**	**4,888**	**100.0**	**100.0**	**100.0**
Gasoline	1,693	2,100	2,399	2,393	2,503	2,566	2,630	2,508	2,388	2,336	2,313	47.5	44.6	47.3
Distillate fuel oil	765	896	1,029	968	1,070	1,196	1,156	1,151	974	954	951	20.3	18.2	19.5
Residual fuel oil	269	258	354	451	504	640	609	616	578	482	390	5.8	10.8	8.0
Jet fuel	191	302	314	318	336	355	354	369	366	353	357	6.8	6.8	7.3
Petrochemical feedstocks	58	100	133	122	164	193	223	252	254	220	160	2.3	4.7	3.3
Still gas for fuel [3]	139	164	177	175	181	191	200	205	197	199	195	3.7	3.7	4.0
Asphalt [4]	124	147	168	144	140	154	173	169	141	123	119	3.3	2.6	2.4
Coke (5 bbl. = 1 sh. ton)	86	108	132	129	130	135	135	137	135	142	150	2.4	2.5	3.1
Liquefied refinery gases	107	117	128	109	119	122	125	121	119	115	99	2.6	2.2	2.0
Kerosene	93	95	79	55	56	62	56	67	50	44	42	2.1	.9	.9
Other finished products	244	134	144	131	169	180	167	158	148	138	112	3.0	2.8	2.3
Processing gains	−80	−131	−165	−168	−175	−191	−181	−192	−219	−185	−194	(X)	(X)	(X)

NA Not available. X Not applicable. [1] Includes unfinished oil rerun net. [2] Includes other liquid hydrocarbon. [3] 1 barrel = 3,600 cu. ft. [4] 5.5 barrels = 1 sh. ton.

Source: U.S. Energy Information Administration, *Petroleum Supply Annual.*

No. 1285. Crude Petroleum and Natural Gas—Wells Drilled, Footage, and Drilling Cost, by Type of Well: 1960 to 1981

[Includes all costs incurred for drilling and equipping wells to point of completion as productive wells or abandonment after drilling becomes unproductive. Based on sample of operators of different size drilling establishments]

Item and year	Wells drilled		Footage drilled (mil. ft.)	Drilling cost (mil. dol.)		Average depth per well (ft.)	Average cost per well ($1,000)		Average cost per ft. (dol.)
	Total	Offshore		Total	Offshore		Total	Offshore	
All wells: 1960	44,133	538	186.4	2,424	208	4,223	55	386	13.01
1965	39,596	1,037	178.7	2,401	428	4,513	61	413	13.44
1970	27,177	1,058	136.9	2,579	599	5,037	95	566	18.84
1973	26,244	888	136.7	3,075	578	5,207	117	651	22.50
1975	36,960	1,028	177.6	6,571	1,174	4,806	178	1,142	36.99
1980	62,011	1,272	296.0	22,800	3,846	4,773	368	3,024	77.02
1981	80,816	1,476	388.8	36,665	5,551	4,811	454	3,761	94.30
Oil wells: 1960	21,294	301	84.0	1,111	98	3,946	52	326	13.22
1965	18,857	487	76.5	1,067	193	4,059	57	396	13.94
1970	12,547	533	56.4	1,088	282	4,496	87	528	19.29
1973	9,705	296	44.7	1,007	182	4,602	104	615	22.54
1975	16,276	283	66.1	2,257	253	4,059	139	892	34.15
1980	28,553	317	117.1	7,768	844	4,099	272	2,663	66.36
1981	38,725	415	162.0	13,023	1,074	4,183	336	2,589	80.40
Gas wells: 1960	5,262	87	29.1	540	53	5,526	103	606	18.58
1965	4,772	118	26.5	486	67	5,552	102	571	18.35
1970	3,844	193	23.1	618	139	6,007	161	720	26.75
1973	6,427	193	36.3	998	154	5,654	155	798	27.46
1975	7,654	271	43.4	2,005	338	5,667	262	1,247	46.23
1980	15,225	444	85.8	8,167	1,446	5,636	536	3,256	95.16
1981	17,533	515	100.3	12,248	2,122	5,718	699	4,121	122.17
Dry holes: 1960	17,577	150	73.3	774	57	4,168	44	377	10.56
1965	15,967	432	75.7	849	167	4,739	53	387	11.21
1970	10,786	332	57.4	873	178	5,320	81	536	15.21
1973	10,112	399	55.7	1,070	242	5,504	106	608	19.22
1975	13,030	474	68.2	2,309	584	5,234	177	1,232	33.66
1980	18,233	511	93.1	6,865	1,556	5,108	377	3,046	73.70
1981	24,558	546	126.6	11,395	2,354	5,154	464	4,312	90.03

Source: American Petroleum Institute, Independent Petroleum Association of America, and Mid-Continent Oil and Gas Association, *Joint Association Survey on Drilling Costs*, annual.

No. 1286. Petroleum Inventories at the Beginning of Peak Seasons: 1970 to 1982

Fuel	Unit	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Petroleum, total (Sept. 30)	Mil. bbls	1,010	1,016	1,114	1,147	1,192	1,304	1,263	1,309	1,447	1,476	1,414
	Days' supply [1]	72.6	60.3	68.3	72.7	71.4	73.4	69.9	74.5	89.8	95.0	94.9
Motor gasoline (Mar. 31)	Mil. bbls	235.2	207.7	220.3	248.7	239.1	262.2	259.6	240.1	282.8	232.4	198.1
	Days' supply [1]	43.7	32.7	36.6	40.0	36.3	38.8	37.4	33.8	43.9	36.6	31.9
Distillate fuel oil (Sept. 30)	Mil. bbls	205.7	190.2	208.3	220.8	232.3	252.8	220.7	220.4	232.4	207.3	161.2
	Days' supply [1]	116.9	75.6	89.3	102.8	98.1	96.1	82.9	83.0	100.1	85.5	71.4
Residual fuel oil (Sept. 30)	Mil. bbls	53.9	55.1	60.3	76.9	76.4	87.5	81.3	87.8	87.9	80.2	61.8
	Days' supply [1]	29.0	21.1	24.2	34.4	29.6	29.9	29.0	34.6	38.0	42.2	40.7

[1] Days' supply is derived by dividing inventories by previous three month average daily consumption (products supplied).
Source: U.S. Energy Information Administration, *Petroleum Supply Annual*.

No. 1287. Oil and Gas Leases and Production on the Outer Continental Shelf, by Region: 1980 to 1982

[**Barrels of 42 gallons.** For years ending **Sept. 30.** Covers leases made in ocean waters belonging to the U.S. and subject to its jurisdiction and control under provisions of the Outer Continental Shelf Lands Act. See also table 550]

Region	Leases			Acres (1,000)			Oil production (mil. bbl.)			Gas production (bil. cu. ft.)		
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
Total	2,175	2,492	2,672	10,347	11,870	12,801	284.5	283.9	(NA)	4,707	4,879	(NA)
Alaska	113	128	129	572	678	687	–	–	(NA)	–	–	(NA)
Atlantic [1]	232	273	247	1,321	1,554	1,407	–	–	(NA)	–	–	(NA)
Gulf Coast [2]	1,688	1,941	2,112	7,693	8,843	9,741	274.3	269.9	(NA)	4,704	4,874	(NA)
Pacific [3]	142	150	184	761	795	967	10.2	14.0	(NA)	3	6	(NA)

– Represents zero. NA Not available. [1] Offshore. [2] Alabama, Florida, Louisiana, and Texas. [3] California.
Source: U.S. Bureau of Land Management, *Public Land Statistics*, annual.

No. 1288. Crude Petroleum and Natural Gas—Sales Volume, Lease Revenues, Drilling Expenditures, and Employment, 1974 to 1981

[Figures on a gross operator basis, under which individual companies responsible for management and operation of oil and gas field leases reported on all properties operated for their own account and account of others. Lease revenues represent revenues generated from sales of either crude petroleum or natural gas, comparable to sales volume reported and including production payment, royalty, and nonoperating working interest shares]

Item and year	All companies, total [1]	Companies ranked by lease revenues					Percent of total		
		Top 8	Next 8	Next 16	Top 50	Top 100	Top 8	Top 16	Top 32
Sales volume of—									
Crude petroleum (mil. bbl.): [2] 1974	3,159	1,708	581	291	2,693	2,811	54	72	82
1975	3,086	1,654	553	282	2,626	2,753	54	72	81
1976	2,905	1,482	588	270	2,436	2,585	51	71	80
1977	2,996	1,498	602	308	2,531	2,679	50	70	80
1978	3,109	1,475	712	314	2,625	2,746	47	70	80
1979	3,047	1,488	634	279	2,501	2,631	49	70	79
1980	3,136	1,604	579	324	2,606	2,732	51	70	80
1981	3,112	1,534	570	330	2,539	2,679	49	68	78
Natural gas (bil. cu. ft.): 1974	21,878	9,851	4,065	2,529	17,539	19,096	45	64	75
1975	20,455	8,898	3,864	2,391	16,207	17,661	44	62	74
1976	19,902	8,727	3,515	2,598	15,906	17,273	44	62	75
1977	19,195	8,377	3,111	2,573	15,381	16,784	44	60	73
1978	19,170	8,144	2,874	2,746	15,207	16,673	42	57	72
1979	20,005	7,361	3,031	3,753	15,665	17,135	37	52	71
1980	20,063	6,554	3,963	2,855	15,125	16,939	33	53	67
1981	20,252	6,232	3,915	3,272	15,056	16,861	31	50	66
Lease revenues for—									
Crude petroleum (mil. dol.): [2] 1974	20,938	11,205	3,708	1,812	17,495	18,345	54	71	80
1975	22,852	11,961	3,948	1,915	18,900	19,878	52	70	78
1976	22,936	11,537	4,279	2,004	18,673	19,951	50	69	78
1977	24,834	11,907	4,412	2,732	20,203	21,576	48	66	77
1978	27,003	12,609	5,370	2,968	22,081	23,314	47	67	78
1979	36,921	16,769	7,326	3,426	28,828	30,604	45	65	75
1980	63,435	29,630	11,956	6,675	50,407	53,440	47	66	76
1981	96,601	45,842	18,948	10,647	78,838	83,693	48	67	78
Natural gas (mil. dol.): 1974	6,726	3,036	1,238	777	5,400	5,894	45	64	75
1975	8,929	3,859	1,618	1,048	7,018	7,755	43	61	73
1976	12,099	4,813	1,989	1,558	9,251	10,168	40	56	69
1977	16,241	6,662	2,397	2,341	12,723	14,036	41	56	70
1978	19,126	7,441	2,683	2,945	14,575	16,415	39	53	68
1979	24,984	8,335	3,594	4,733	18,742	20,963	33	48	67
1980	33,296	10,445	6,237	5,102	24,794	27,928	31	50	65
1981	44,622	12,541	7,909	7,713	32,070	36,809	28	46	63
Drilling expenditures (mil. dol.): [3] 1974	4,607	1,338	585	529	2,711	3,388	29	42	53
1975	6,507	1,866	815	838	3,932	4,719	29	41	54
1976	8,071	2,706	958	1,036	5,475	6,184	34	45	58
1977	10,109	3,081	1,234	1,204	6,355	7,405	30	43	55
1978	12,904	3,944	1,732	1,590	8,290	9,723	31	44	56
1979	19,052	4,201	2,757	2,473	10,397	12,097	22	37	50
1980	26,017	6,726	3,537	2,386	14,498	17,824	26	39	49
1981	40,887	9,493	5,114	4,105	21,316	26,884	23	36	46
Employment (1,000): 1974	125	38	16	16	75	83	30	43	56
1975	137	40	18	15	79	88	29	42	53
1976	136	43	18	15	81	90	31	44	55
1977	133	42	17	15	81	91	32	44	56
1978	144	46	19	15	86	100	32	45	56
1979	167	45	22	18	91	103	27	40	50
1980	179	49	27	16	102	115	27	42	51
1981	215	56	29	19	117	133	26	40	48

[1] Beginning 1979, includes data from a supplemental sample not available for earlier years.
[2] Includes condensate. [3] Represents expenditures incurred during the year for drilling and equipping wells.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, MA-13K-1, *Annual Survey of Oil and Gas.*

No. 1289. Sales and Exports of Liquefied Petroleum Gases and Ethane in the United States: 1979 to 1982

[**In millions of gallons.** Data reported by approximately 3,400 suppliers of ethane and liquefied petroleum gases. The suppliers include refiners, operators of natural gas processing plants, liquefied petroleum gas dealers, and importers]

Item	1979	1980	1981	1982	Item	1979	1980	1981	1982
Total	**19,202**	**18,604**	**20,803**	**19,441**	Principal uses—Continued				
Product type:					Internal combustion engine fuel	444	508	554	644
Ethane	6,074	5,757	7,888	7,522	Industrial [2]	2,105	2,217	2,083	2,095
Propane	11,133	10,944	11,123	10,351	Utility gas	528	594	446	318
Butane [1]	1,774	1,595	1,487	1,369	Chemical [3]	8,160	7,808	10,439	9,679
Butane-Propane mixtures	221	308	305	200	Miscellaneous [4]	3,200	3,104	3,064	2,658
Principal uses:									
Residential and commercial	4,764	4,373	4,217	4,047	Exports [5]	227	329	991	645

[1] Includes isobutane. [2] Includes refinery fuel use. [3] Includes use in synthetic rubber manufacture. [4] Includes farm uses, use as synthetic natural gas feedstock and use in secondary recovery projects. [5] Not included in U.S. total.

Source: U.S. Energy Information Administration, *Energy Data Reports; Sales of Liquefied Petroleum Gases and Ethane in 1980,* and *Petroleum Supply Annual.*

No. 1290. Ownership and Operation of U.S Crude Oil and Natural Gas Reserves and Production by Operator-Size Groups: 1977 to 1980

[In percent. The survey frame was comprised of operators only; firms and persons who were owners only, and who did not operate any properties, were not included. Approximately 90 percent of the total estimated crude oil reserves were reported on an ownership basis]

Operator groups, by size of reserves	Crude oil reserves				Natural gas reserves			
	Ownership basis		Operated basis		Ownership basis		Operated basis	
	Reserves	Production	Reserves	Production	Reserves	Production	Reserves	Production
8 Largest: 1977	56.6	40.8	59.4	41.5	44.3	41.5	46.0	42.5
1978	57.1	46.1	60.8	47.7	42.9	37.9	44.3	39.1
1979	57.4	46.6	60.2	49.6	42.1	35.1	43.7	36.7
1980	55.6	48.3	60.1	50.8	41.0	34.1	43.0	34.7
20 Largest: 1977	80.0	67.8	82.7	71.3	67.3	63.4	68.9	64.6
1978	79.9	70.8	83.8	74.5	64.8	62.9	67.0	64.8
1979	79.3	72.0	83.2	76.0	64.0	59.9	66.1	63.3
1980	77.5	72.7	82.8	75.7	62.3	57.3	65.3	60.4
50 Largest: 1977	85.2	75.7	89.1	80.9	79.3	75.0	83.6	78.6
1978	85.2	78.1	90.0	83.1	77.2	74.2	82.2	78.5
1979	84.4	78.1	89.0	83.8	75.9	71.1	81.0	77.3
1980	82.5	79.1	88.3	82.7	75.0	72.5	80.5	76.0
100 Largest: 1977	87.6	79.2	91.5	85.3	84.5	81.3	89.6	86.6
1978	87.4	81.0	92.2	87.1	82.4	80.4	88.5	85.4
1979	86.2	80.6	91.2	87.0	81.5	77.5	87.7	84.7
1980	84.3	81.6	90.5	86.0	80.3	78.6	87.2	83.5

Source: U.S. Energy Information Administration, *U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves,* annual.

No. 1291. U.S. Direct Investment Abroad in Mining and Smelting and in Petroleum—Value, 1970 to 1982, and Income, 1982, by Region and Country

[In millions of dollars. Minus sign (−) indicates loss. See also *Historical Statistics, Colonial Times to 1970,* series U 41-46]

Region and country	Direct investment position (at yearend)										Income, 1982 [1]	
	Mining and smelting					Petroleum						
	1970	1975	1980	1981	1982 [1]	1970	1975	1980	1981	1982 [1]	Mining, smelting	Petroleum
All areas	**5,405**	**6,548**	**6,754**	**7,217**	**6,574**	**19,754**	**25,972**	**47,591**	**51,223**	**55,697**	**161**	**10,333**
Developed countries	3,286	4,398	4,539	4,703	3,750	11,205	20,129	34,621	35,509	35,845	133	5,011
Canada	2,574	3,053	3,051	3,180	2,168	4,337	6,220	10,800	8,715	8,652	−108	1,087
Europe	36	41	35	29	28	5,481	11,165	20,101	22,618	22,966	1	3,369
Japan	–	–	–	–	–	525	1,313	1,570	1,737	1,712	–	271
Australia, New Zealand, and South Africa	675	1,305	1,453	1,494	1,554	863	1,430	2,149	2,440	2,513	240	284
Developing countries	2,119	2,150	2,215	2,514	2,824	6,644	2,519	(D)	12,346	16,040	28	4,638
Latin America	1,712	1,476	1,624	1,950	2,295	2,703	3,324	4,380	4,814	6,465	11	954
Other Africa	340	488	458	430	401	1,750	1,336	2,247	2,687	3,525	18	829
Middle East [2]	(Z)	5	(D)	(D)	7	1,265	−4,888	(D)	707	1,104	–	593
Other Asia and Pacific	67	181	(D)	(D)	120	926	2,746	2,777	4,138	4,946	(Z)	2,262
International	(X)	(X)	(X)	(X)	(X)	1,905	3,323	(D)	3,368	3,812	(X)	685

– Represents zero. D Withheld to avoid disclosure of individual companies. X Not applicable. Z Less than $500,000. [1] Preliminary. [2] Includes Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Neutral Zone, Qatar, Saudi Arabia, South Yemen, Syria, Oman, United Arab Emirates, and Yemen. Data for 1970 and 1975 are based on the 1966 benchmark survey; data for 1980, 1981, and 1982 are based on the 1977 benchmark survey. See *Survey of Current Business,* August 1982.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* August 1983, and supplement titled *Revised Data Series on U.S. Direct Investment Abroad, 1966-76.*

No. 1292. Foreign Direct Investment in Petroleum in the United States: 1975 to 1982

[In millions of dollars. Investment at yearend]

Year	Petroleum investment	Income from investment	Area	Investment			Income		
				1980	1981	1982, prel.	1980	1981	1982, prel.
1975	6,213	714	Canada	1,308	1,387	1,256	151	87	−138
1976	5,921	803	*Europe* [1]	9,766	14,937	17,370	2,875	2,884	2,714
1977	6,573	836	United Kingdom	−311	−165	4,555	16	−41	(D)
1978	7,762	1,239	Netherlands	8,340	10,699	7,902	(D)	2,631	1,464
1979	9,906	2,037	Japan	58	2	71	(D)	2	2
1980	12,363	3,467	Australia, New Zealand, and So. Africa	−3	22	10	–	3	12
1981	18,005	3,392	Latin America	1,184	1,625	1,814	(D)	416	241
1982	20,488	2,831	Middle East	1	8	(Z)	(Z)	(Z)	(Z)
			Africa, [2] Asia, and Pacific	48	24	−32	(Z)	(Z)	(Z)

– Represents zero. D Withheld to avoid disclosing figures for individual companies. Z Less than $500,000. [1] Includes countries not shown separately. [2] Excludes South Africa.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* August issues.

No. 1293. Crude Petroleum and Natural Gas—Production, by States: 1966 to 1982

[See *Historical Statistics, Colonial Times to 1970,* series M 138 and M 142 for petroleum production, and series M 147–161 for natural gas production]

STATE	Crude petroleum production (mil. bbl.)							Natural gas marketed production [1] (bil. cu. ft.)						
	1966–1970, avg.	1971–1975, avg.	1976–1980, avg.	1975	1980	1981	1982, prel.	1966–1970, avg.	1971–1975, avg.	1976–1980, avg.	1975	1980	1981	1982, prel.
Total	**3,292**	**3,306**	**3,085**	**3,057**	**3,146**	**3,129**	**3,157**	**19,464**	**21,876**	**20,161**	**20,109**	**20,379**	**20,178**	**18,532**
Ala	8	11	19	13	22	21	20	(z)	16	75	38	106	119	124
Alaska	53	73	357	70	592	587	619	41	134	202	160	231	243	255
Ark	21	17	19	16	18	18	19	146	147	108	116	112	93	92
Calif	365	337	346	322	357	385	402	683	447	307	318	310	381	365
Colo	30	34	35	38	30	30	31	120	136	188	172	191	199	210
Fla	2	27	47	42	43	35	26	(z)	27	48	44	46	36	27
Ill	54	32	24	26	23	24	28	5	1	1	1	2	1	1
Ind	9	6	5	5	5	5	6	(z)	(z)	(z)	(z)	(z)	(z)	(z)
Kans	94	68	58	59	60	66	71	868	880	800	844	735	640	430
Ky	14	9	6	8	6	7	7	83	66	63	61	57	61	53
La	804	809	533	651	469	449	458	6,446	7,828	7,181	7,091	6,940	6,780	6,131
Mich	13	16	33	24	34	33	31	37	55	143	102	158	153	144
Miss	60	56	40	47	36	34	33	138	95	118	74	185	211	202
Mont	40	34	31	33	30	31	31	32	44	49	41	52	57	55
Nebr	13	8	6	6	6	7	7	8	3	3	3	3	3	2
N. Mex	127	105	82	95	75	72	71	1,101	1,213	1,188	1,217	1,150	1,134	997
N. Dak	24	21	28	20	40	45	47	39	30	30	25	42	43	57
Ohio	11	9	11	10	13	14	15	46	88	113	85	139	141	123
Okla	225	190	152	163	150	154	159	1,455	1,701	1,800	1,605	1,892	2,019	1,934
Pa	4	3	3	3	3	4	4	85	79	95	84	97	122	106
Texas	1,142	1,261	1,081	1,222	977	945	925	7,570	8,276	7,044	7,486	7,252	7,050	6,498
Utah	24	33	31	42	25	26	22	51	46	65	55	88	91	93
W. Va	3	3	2	2	2	3	3	227	203	153	154	157	161	152
Wyo	146	141	133	136	126	131	118	275	351	368	316	410	410	384
Other	5	3	4	3	5	3	4	10	10	19	16	24	30	26

Z Less than 500 million cubic feet. [1] Including nonhydrocarbon gases.

Source: Through 1975, U.S. Bureau of Mines, *Minerals Yearbook;* thereafter, U.S. Energy Information Administration, *Energy Data Reports, Natural Gas Production and Consumption,* annual, and *Natural Gas Monthly Report,* unpublished data, and *Petroleum Statement,* annual, and *Petroleum Supply Annual, State Energy Overview.*

No. 1294. Natural Gas—Supply, Production, Consumption, Reserves, and Marketed Production: 1965 to 1982

[See also *Historical Statistics, Colonial Times to 1970,* series M 147–161]

ITEM	Unit	1965	1970	1973	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Producing wells (yearend)	1,000	112	117	124	132	138	148	157	170	182	199	216
Production value at wells [1]	Bil. dol	2.6	3.7	5.0	9.0	11.6	15.8	18.2	24.2	32.4	40.0	44.6
Avg. per 1,000 cu. ft	Cents	15.6	17.1	21.6	44.5	58.0	79.0	90.5	117.8	160.3	198.0	242.0
Proved reserves [2]	Tril. cu. ft	286	291	250	228	216	207	208	201	199	202	204
Total supply [3]	**Bil. cu. ft**	**17,456**	**24,200**	**25,213**	**22,821**	**22,837**	**22,786**	**23,097**	**23,772**	**23,336**	**23,012**	**21,588**
Marketed production [1]	Bil. cu. ft	16,040	21,921	22,647	20,109	19,952	20,025	19,974	20,471	20,379	20,178	18,532
Drawn from storage	Bil. cu. ft	960	1,459	1,533	1,760	1,921	1,750	2,158	2,047	1,972	1,930	2,084
Imports [4]	Bil. cu. ft	456	821	1,033	953	964	1,011	966	1,253	985	904	972
Consumption, total	Bil. cu. ft	15,280	21,139	22,049	19,538	19,946	19,521	19,627	20,241	19,877	19,404	17,942
Residential	Bil. cu. ft	3,903	4,837	4,879	4,924	5,051	4,821	4,903	4,965	4,752	4,546	4,702
Commercial [5]	Bil. cu. ft	1,444	2,399	2,597	2,508	2,668	2,501	2,601	2,786	2,611	2,520	2,613
Industrial	Bil. cu. ft	7,112	9,249	10,185	8,365	8,598	8,474	8,405	8,398	8,198	8,055	6,806
Lease and plant fuel	Bil. cu. ft	1,156	1,399	1,496	1,396	1,634	1,659	1,648	1,499	1,026	928	852
Other industrial	Bil. cu. ft	5,955	7,851	8,689	6,968	6,964	6,815	6,757	6,899	7,172	7,128	5,954
Electric utilities	Bil. cu. ft	2,321	3,932	3,660	3,158	3,081	3,191	3,188	3,491	3,682	3,640	3,227
Transportation [6]	Bil. cu. ft	501	722	728	583	548	533	530	601	635	642	594
Exports	Bil. cu. ft	26	70	77	73	65	56	53	56	49	59	55
Stored	Bil. cu. ft	1,078	1,857	1,974	2,104	1,756	2,307	2,278	2,295	1,949	2,228	2,378
Adjustments	Bil. cu. ft	319	228	196	235	216	41	287	372	644	546	502
World production (dry)	Tril. cu. ft	24.54	37.54	43.41	44.38	46.44	47.78	49.07	52.26	53.52	54.93	(NA)
U.S. production (dry)	Tril. cu. ft	15.29	21.01	21.73	19.24	19.10	19.16	19.12	19.66	19.60	19.40	17.82
Percent U.S. of world	Percent	62.3	56.0	50.1	43.4	41.1	40.1	39.0	37.6	36.6	35.3	(NA)

NA Not available. [1] Marketed production includes gross withdrawals from reservoirs less quantities used for reservoir repressuring and quantities vented or flared. It includes the nonhydrocarbon gases subsequently removed. [2] Estimated, end of year. Source: American Gas Association, Arlington, Va. (Copyright.) 1965–1976; thereafter U.S. Energy Information Administration, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves,* annual. [3] Excludes in transits receipts and deliveries at U.S. borders; beginning 1980, includes supplemental gas supplies not listed. [4] Beginning 1970, includes imports of liquefied natural gas. [5] Beginning 1970, includes deliveries to municipalities and public authorities for institutional heating and other purposes. [6] Pipeline fuel.

Source: Except as noted, U.S. Energy Information Administration, *Annual Energy Review* and *International Energy Annual,* September 1982.

No. 1295. Natural Gas Plant Liquids—Production and Value: 1960 to 1982

[**Barrels of 42 gallons.** 1960 excludes Alaska. See also *Historical Statistics, Colonial Times to 1970*, series M 143–146]

ITEM	Unit	1960	1965	1970	1973	1975	1977	1978	1979	1980	1981	1982
Total produced	Mil. bbl.	**340**	**442**	**606**	**634**	**596**	**590**	**572**	**578**	**576**	**581**	**562**
Natural gasoline and mixtures	Mil. bbl.	107	130	165	161	134	133	126	106	108	106	92
Liquefied petroleum gases (incl. ethane)	Mil. bbl.	201	268	400	447	444	443	432	444	441	459	459
Unfractionated stream (net) and other	Mil. bbl.	32	44	41	26	18	14	14	28	27	15	11
All light products:												
Average value	Dol. per bbl.	2.39	2.06	2.10	2.93	4.65	6.85	7.85	(NA)	(NA)	(NA)	(NA)
Average yield	Gal. per 1,000 cu ft.	1.46	1.35	1.37	1.35	1.42	1.41	1.41	1.47	1.63	1.65	1.71
Natural gas processed	Tril. cu ft.	10	14	19	20	18	18	17	16	15	15	14

NA Not available.

Source: Through 1975, U.S. Bureau of Mines, *Minerals Yearbook;* thereafter, U.S. Energy Information Administration, *Energy Data Reports, Petroleum Statement Annual,* and *Petroleum Supply Annual.*

No. 1296. Coal and Coke—Summary: 1960 to 1982

[Includes coal consumed at mines. Demonstrated coal reserve base for United States on Jan. 1, 1982, was 483 billion tons. Recoverability varies between 40 and 90 percent for individual deposits; 50 percent or more of overall U.S. coal reserve base is believed to be recoverable. See also *Historical Statistics, Colonial Times to 1970*, series M 93–126]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982[1]
COAL [2]											
Total production	Mil. sh. tons	434	527	613	655	697	670	781	830	824	833
Value	Mil. dol.	2,098	2,398	3,878	12,671	13,908	14,664	18,552	20,452	21,748	22,580
World production	Mil. sh. tons	2,899	3,079	3,295	3,673	3,840	3,921	4,121	4,197	4,208	(NA)
Bituminous coal and lignite:											
Number of mines	Number	7,865	7,228	5,601	6,168	6,077	6,229	6,150	6,200	6,200	6,200
Production	Mil. sh. tons	416	512	603	648	691	665	776	824	818	833
Value, total	*Mil. dol.*	1,950	2,276	3,773	12,472	13,705	14,486	18,359	20,196	21,514	22,741
Average per ton	Dollars	4.69	4.44	6.26	19.23	19.82	21.78	23.65	24.52	26.29	27.30
Method of mining:											
Underground	Mil. sh. tons	285	333	339	292	266	242	320	337	316	317
Surface	*Mil. sh. tons*	131	179	264	356	425	423	456	487	502	516
Percent of total production	Percent	31.4	35.1	43.6	54.8	61.5	63.6	58.7	59.0	61.4	62.0
Exports	Mil. sh. tons	37	50	71	66	54	40	65	90	110	105
Value	Mil. dol.	332	465	951	3,233	2,626	2,004	3,328	4,523	5,809	5,938
Imports	1,000 sh. tons	260	184	36	940	1,647	2,953	2,059	1,194	1,043	742
Value [3]	Mil. dol.	2	2	(z)	22	39	75	51	30	30	23
Consumption [4]	Mil. sh. tons	380	459	516	556	620	621	677	699	729	704
Electric power utilities	Mil. sh. tons	174	243	319	404	476	480	526	568	596	593
Industrial	Mil. sh. tons	173	197	184	146	138	133	144	126	128	105
Average employment [5]	1,000	169	134	140	190	221	242	224	225	226	215
Average days worked	Number	191	219	228	232	210	166	206	210	186	200
Average tons per worker:											
Per day	Tons	12.83	17.52	18.84	14.74	14.84	14.68	15.33	16.32	18.08	18.35
Per year	Tons	2,453	3,829	4,296	3,420	3,235	2,952	3,158	3,427	3,363	3,670
Production, by State:											
Alabama	Mil. sh. tons	13.0	14.8	20.6	22.6	21.5	20.6	23.9	26.4	24.5	25.2
Illinois	Mil. sh. tons	46.0	58.5	65.1	59.5	53.5	48.6	59.5	62.5	51.9	64.3
Indiana	Mil. sh. tons	15.5	15.6	22.3	25.1	27.8	24.2	27.5	30.9	29.3	30.3
Kentucky	Mil. sh. tons	66.8	85.8	125.3	143.6	146.3	135.7	149.8	150.1	157.6	150.1
Ohio	Mil. sh. tons	34.0	39.4	55.4	46.8	47.9	41.2	43.5	39.4	37.4	37.1
Pennsylvania	Mil. sh. tons	65.4	80.3	80.5	84.1	84.6	81.5	89.2	87.1	78.1	71.9
Virginia	Mil. sh. tons	27.8	34.1	35.0	35.5	37.6	31.9	37.0	41.0	42.0	37.2
West Virginia	Mil. sh. tons	118.9	149.2	144.1	109.3	95.4	85.3	112.4	121.6	112.8	128.8
Wyoming	Mil. sh. tons	2.0	3.3	7.2	23.8	46.0	58.3	71.8	94.9	103.0	107.9
Other States	Mil. sh. tons	26.0	31.3	47.4	98.1	130.7	137.8	161.7	169.7	181.8	176.4
COKE											
Production [6]	Mil. sh. tons	57.2	66.9	66.5	57.2	53.5	49.0	52.9	46.1	42.8	28.1
Oven coke [7]	Mil. sh. tons	56.2	65.2	65.7	56.5	53.1	49.0	52.9	46.1	42.8	28.1
Value of product at plant	*Mil. dol.*	1,382	1,429	2,193	5,261	5,536	6,557	6,662	6,029	(NA)	(NA)
Coke and breeze	Mil. dol.	1,075	1,118	1,899	4,607	4,653	5,635	5,459	4,784	(NA)	(NA)
Avg. market value per ton	Dollars	18.31	16.84	27.71	84.34	84.56	97.06	97.56	102.73	112.80	114.53
Coal charged	Mil. sh. tons	81.4	95.3	96.5	83.6	77.7	71.4	77.4	66.7	61.0	40.9
Average value per ton	Dollars	9.82	9.40	12.47	44.21	46.26	52.1	50.7	56.26	62.86	64.97
Yield of coke from coal	Percent	70.3	70.4	69.1	68.4	68.8	68.6	68.4	69.2	70.1	68.7

NA Not available. Z Less than $500,000. [1] Preliminary. [2] Relates to mines having an output of 1,000 tons a year or more. *Includes bituminous coal, lignite, and anthracite.* [3] *Bituminous coal and lignite only.* [4] Includes some categories not shown separately. [5] Average number of persons working daily. [6] Includes beehive coke. [7] Prior to 1978, excludes screenings or breeze; thereafter, includes beehive and other nonrecoverable coke-oven operations.

Source: 1960 to 1975, U.S. Bureau of Mines, *Minerals Yearbook,* thereafter, U.S. Energy Information Administration, *Energy Data Reports, Weekly Coal Production; Coal Production,* annual; and *Coke Plant Report.*

No. 1297. Cement, Sand and Gravel, Stone, and Gypsum: 1960 to 1982

[See also *Historical Statistics, Colonial Times to 1970*, series M 188-189 (for related data), M 190 (gypsum mined), M 193 and M 194 (for total quantity)]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Cement production [1]	**Mil. sh. ton**	**62.8**	**73.1**	**76.1**	**69.7**	**74.5**	**80.1**	**85.5**	**85.9**	**76.7**	**72.9**	**64.3**
Portland	Percent	95.5	95.5	96.1	95.8	95.6	95.3	95.2	95.6	95.9	96.2	96.5
Shipments [2]	Mil. sh. ton	61.5	73.6	76.4	70.7	75.2	81.6	88.0	87.2	77.7	73.0	65.1
Portland	Mil. sh. ton	58.7	70.3	73.4	67.8	71.9	77.9	83.8	83.4	74.7	70.2	62.7
Value	Mil. dol	1,104	1,245	1,366	2,220	2,576	3,000	3,623	4,061	3,780	3,666	3,199
Average per ton	Dollar	17.95	16.91	17.88	31.41	34.24	36.76	41.17	46.57	50.89	52.20	51.04
Imports	Mil. sh. ton	.8	1.0	2.5	3.6	3.1	4.0	6.6	9.4	5.3	4.0	2.9
Value	Mil. dol	10	14	34	71	67	94	191	302	196	151	111
Exports	1,000 sh. ton	35	141	123	417	343	236	55	149	186	300	201
World production (est.)	Mil. sh. ton	349	478	630	774	834	879	940	961	975	983	983
Sand and gravel:												
Sold or used by producers	Mil. sh. ton	710	908	944	789	885	929	996	979	793	720	626
Value	Mil. dol	720	957	1,116	1,340	1,774	2,028	2,302	2,427	2,289	2,260	2,023
Average per ton	Dollars	1.01	1.05	1.18	1.79	2.00	2.18	2.31	2.47	2.89	3.14	3.23
Stone sold or used by producers	**Mil. sh. ton**	**617**	**780**	**869**	**901**	**902**	**955**	**1,051**	**1,101**	**985**	**874**	**791**
Limestone	Mil. sh. ton	451	555	626	665	663	707	786	812	723	646	(NA)
Granite	Mil. sh. ton	43	60	87	95	94	109	122	123	119	102	(NA)
Basalt and related rock	Mil. sh. ton	58	76	77	78	75	77	84	101	81	71	(NA)
Other	Mil. sh. ton	65	89	79	63	70	62	59	62	62	55	(NA)
Value	Mil. dol	953	1,204	1,470	2,120	2,221	2,457	2,886	3,399	3,405	3,276	3,063
Crude gypsum: [3]												
Active establishments [4]	Number	96	113	108	110	117	115	116	113	114	113	109
Apparent supply	Mil. sh. ton	15.1	15.9	15.5	15.1	17.9	20.3	23.1	22.3	19.7	18.9	17.1
Mined	Mil. sh. ton	9.8	10.0	9.4	9.8	12.0	13.4	14.9	14.6	12.4	11.5	10.5
Imports for consumption	Mil. sh. ton	5.3	5.9	6.1	5.4	6.2	7.1	8.3	7.8	7.4	7.6	6.7
Exports	1,000 sh. ton	17	28	41	75	284	143	132	91	88	157	123
Calcined gypsum produced	**Mil. sh. ton**	**8.6**	**9.3**	**8.4**	**9.2**	**11.0**	**12.6**	**14.0**	**14.5**	**11.8**	**11.7**	**11.2**
Value	Mil. dol	121	133	132	186	237	278	387	442	270	243	196
Gypsum products sold, value [5]	**Mil. dol**	**361**	**420**	**353**	**514**	**655**	**911**	**1,248**	**1,392**	**1,242**	**1,196**	**1,122**
Building uses, value	Mil. dol	339	391	323	466	598	843	1,171	1,312	1,149	1,099	1,032

NA Not available. [1] Includes Puerto Rico; excludes Alaska except for imports and exports. [2] Includes natural, slag, and hydraulic lime plants, not shown separately, except 1970 excludes slag cement. [3] Excludes byproduct gypsum. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. [4] Each mine, plant, or combination mine and plant is counted as 1 establishment. [5] Made from domestic, imported, and byproduct gypsum.

No. 1298. Lime—Quantity Sold or Used by Producers: 1960 to 1982

[Excludes Puerto Rico. See also *Historical Statistics, Colonial Times to 1970*, series M 191-192]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982, prel.
Active plants	Number	157	212	194	171	161	155	154	153	150	147
Quantity sold	**1,000 sh. ton**	**12,935**	**16,794**	**19,747**	**19,133**	**19,947**	**20,443**	**20,945**	**19,010**	**18,856**	**14,075**
Value	Mil. dol	173	233	286	524	666	750	862	843	884	696
Per ton	Dollars	13.35	13.87	14.49	27.38	33.41	36.67	41.18	44.34	46.89	49.46

No. 1299. Phosphate Rock—Summary: 1960 to 1982

[See also *Historical Statistics, Colonial Times to 1970*, series M 203-204]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Mine production	Mil. ton	60.9	84.3	125.5	167.5	170.1	184.0	191.2	204.8	231.4	202.5	114.8
P_2O_5 content	Mil. ton	9.3	14.3	18.6	23.5	20.1	22.4	23.5	25.4	26.2	26.2	14.8
Marketable production	Mil. ton	19.6	29.5	38.7	48.8	49.2	52.1	55.2	56.9	60.0	59.1	41.2
P_2O_5 content	Mil. ton	6.1	9.1	12.0	15.0	15.1	16.1	16.9	17.5	18.4	18.0	12.7
Value	Mil. dol	117	193	203	1,122	949	822	929	1,046	1,257	1,438	950
Per ton	Dollars	5.97	6.55	5.25	22.99	19.28	15.77	16.84	18.38	20.95	24.33	23.04
Imports [1]	Mil. sh. ton	.14	.15	.14	.04	.05	.17	1.00	.98	.54	.01	.03
Value	Mil. dol	3.8	3.0	3.8	1.6	2.2	6.1	24.4	21.6	12.9	.4	1.3
Per ton	Dollars	26.07	20.14	27.87	43.83	43.59	35.02	24.38	22.04	23.99	30.00	38.29
Exports	Mil. sh. ton	4.5	7.3	11.7	12.3	10.4	14.6	14.2	15.8	15.7	11.5	10.8
P_2O_5 content	Mil. sh. ton	1.4	2.3	3.8	4.0	3.3	4.7	4.5	5.1	5.0	3.6	3.5
Value	Mil. dol	26.6	51.1	60.0	429.2	272.8	288.6	297.4	356.5	431.4	373.2	293.6
Per ton	Dollars	5.95	6.98	5.11	34.98	26.23	19.79	20.94	22.56	27.41	32.57	27.06
Consumption, apparent [2]	Mil. sh. ton	14.9	21.9	27.2	34.2	34.3	37.9	40.6	43.6	45.0	38.7	31.7
World production	Mil. sh. ton	46.1	70.3	93.6	118.6	119.0	131.5	137.8	145.5	153.9	151.6	135.2

[1] For consumption; P_2O_5 content not available. [2] Amount sold or used plus imports minus exports.

Source of tables 1297-1299: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1300. Potash—Summary: 1960 to 1982

[In thousands of short tons, except value. See also *Historical Statistics, Colonial Times to 1970,* series M 201-202]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Production of potassium salts (marketable)	4,472	5,401	4,853	4,576	4,675	4,769	4,708	4,756	4,578	3,710
Approximate equivalent K_2O	2,638	3,140	2,729	2,501	2,457	2,483	2,453	2,468	2,377	1,966
Value [1] (mil. dol.)	89.7	129.8	98.1	223.1	206.9	226.5	279.2	(NA)	(NA)	(NA)
Sales of potassium salts by producers	4,412	5,027	4,703	3,819	4,675	4,804	5,014	4,701	4,045	3,734
Approximate equivalent K_2O	2,602	2,931	2,669	2,094	2,460	2,543	2,632	2,444	2,103	1,967
Value at plant (mil. dol.)	88.4	121.2	92.4	187.9	206.9	226.5	279.2	353.9	328.9	265.6
Per ton (dollars)	20.04	24.10	19.64	49.19	44.22	47.15	55.68	75.28	81.31	71.13
Imports for consumption of potash materials	415	1,867	4,403	6,271	8,386	8,556	9,375	9,031	8,712	6,986
Approximate equivalent K_2O	226	1,108	2,605	3,797	5,076	5,189	5,693	5,481	5,287	4,253
Value (mil. dol.)	15.4	52.7	94.7	267.2	373.8	399.2	520.8	646.0	750.4	575.4
Exports of potash materials	833	1,099	966	1,419	1,650	1,577	1,233	1,746	978	1,049
Approximate equivalent K_2O	491	648	544	779	932	892	700	926	541	572
Value (mil. dol.)	25.9	42.5	28.5	92.7	90.2	88.6	79.5	179.8	107.9	93.2
Apparent consumption of potassium salts [2]	3,994	5,795	8,140	8,671	11,405	11,782	13,156	11,987	11,779	9,671
Approximate equivalent K_2O	2,337	3,391	4,730	5,112	6,604	6,840	7,626	6,999	6,849	5,647
World production (marketable), approximate equivalent K_2O	10,000	15,100	20,013	27,269	27,836	28,795	28,294	30,705	29,813	28,914

NA Not available. [1] Derived from reported value of amount sold or used. [2] Amount sold or used plus imports minus exports.

Source: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1301. Sulfur—Summary: 1960 to 1982

[In thousands of long tons, except value. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1970,* series M 195-199]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Production, sulfur, all forms [1]	***6,661***	***8,212***	***9,557***	***11,259***	***10,707***	***10,558***	***10,999***	***11,910***	***11,679***	***11,953***	***9,632***
Sulfur from Frasch mines	5,037	6,116	7,082	7,211	6,264	5,822	5,559	6,257	6,289	6,248	4,144
Recovered elemental sulfur	767	1,215	1,457	2,969	3,138	3,567	3,998	4,006	4,009	4,192	4,334
Pyrites, sulfur content only	416	354	339	237	286	166	296	394	317	302	261
Gross weight of total pyrites	1,016	875	845	625	750	435	766	1,033	834	784	665
Byproduct sulfuric acid [2]	*345*	*388*	*537*	*767*	*942*	*945*	*1,086*	*1,148*	*987*	*1,141*	*815*
Shipments, Frasch mines	5,130	7,251	6,504	6,077	5,860	5,935	5,645	7,388	7,283	5,817	3,541
Approximate value (mil. dol.)	118	165	154	305	300	295	280	449	721	716	435
Avg. value per long ton (dol.)	23.08	22.71	23.65	50.16	51.19	49.66	49.60	60.83	98.93	123.03	122.75
Imports for consumption:											
Crude sulfur	741	1,486	1,537	1,897	1,727	1,977	2,143	2,455	2,483	2,482	1,875
Pyrites, sulfur content [3]	146	160	130	–	–	–	–	–	–	–	–
Exports, sulfur	1,787	2,635	1,433	1,352	1,270	1,178	852	2,012	1,754	1,370	946

– Represents zero. [1] Includes other byproduct sulfur compounds, not shown separately. [2] Represents sulfur content. Produced at copper, lead, and zinc plants. [3] Estimate.

Source: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1302. Lead—Summary: 1960 to 1982

[In thousands of short tons, except as indicated. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports and as noted. See also *Historical Statistics, Colonial Times to 1970,* series M 242-248]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Smelter production of refined primary lead	**382**	**418**	**667**	**636**	**653**	**605**	**623**	**634**	**604**	**546**	**565**
Domestic ores and base bullion [1]	229	305	528	530	569	536	553	584	560	485	507
Foreign ores and base bullion	154	113	139	106	84	68	70	50	43	61	58
Recovery of secondary lead	470	576	597	658	727	835	848	883	745	707	630
Imports, general:											
Lead in pigs and bars	206	223	244	101	146	261	244	211	90	112	101
Lead in ores and matte	146	123	112	88	76	73	58	44	49	65	39
Exports of refined pig lead [2]	2	8	8	21	6	10	9	12	181	26	61
Consumption of metal, primary and secondary	1,021	1,241	1,361	1,297	1,490	1,582	1,579	1,497	1,160	1,267	1,185
Average price, common lead:											
New York (cents per lb.)	11.95	16.00	15.69	21.53	23.10	30.70	33.65	52.64	42.46	36.53	25.54
London (cents per lb.)	9.04	14.37	13.76	18.73	20.46	28.00	29.86	54.52	41.21	33.30	24.66
Mine production of recoverable lead [3]	247	301	572	621	610	592	584	579	607	491	565
Value [3] (mil. dol.)	58	94	179	267	282	364	394	610	515	359	289
World smelter production, est	2,550	2,911	3,628	3,633	3,568	3,516	3,466	3,537	3,442	3,369	3,560
World smelter capacity	(NA)	(NA)	(NA)	(NA)	5,190	5,255	5,230	5,241	(NA)	(NA)	(NA)

NA Not available. [1] Excludes lead content of antimonial lead. [2] Pigs, bars, and anodes. [3] Includes Alaska.

Source: U.S. Bureau of Mines, *Minerals Yearbook,* and *Mineral Facts and Problems.*

No. 1303. Iron Ore—Summary: 1960 to 1982

[**In millions of long tons, except as indicated.** Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1970*, series M 205-211]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Number of mines	247	183	74	67	65	54	51	49	37	32	27
Production [1]	**88.8**	**87.4**	**89.8**	**78.9**	**80.0**	**55.8**	**81.6**	**85.7**	**69.6**	**73.2**	**35.4**
Lake Superior	71.8	66.4	69.6	66.7	67.4	44.0	72.7	77.2	62.3	67.5	31.0
Northeastern	4.1	5.2	3.5	1.9	2.4	2.0	8.9	8.6	7.3	5.7	4.4
Western	4.6	[2] 13.1	14.3	9.6	10.1	9.8					
Hematite [3]	[2] [4] 68.1	47.0	33.6	19.2	19.3	11.5	15.9	13.9	11.8	10.6	6.7
Magnetite [3]	18.2	36.9	53.8	58.4	59.3	43.1	64.8	71.0	57.8	62.6	28.7
Other	2.4	3.5	2.4	1.2	1.4	1.1	.8	.8	–	–	–
Shipments [5]	83.0	84.1	87.2	75.7	77.1	54.1	83.2	86.2	69.6	72.2	35.8
Value [6] (mil. dol.)	724	801	942	1,621	1,871	1,423	2,401	2,814	2,544	2,915	1,492
Average per ton at mine (dol.)	8.73	9.53	10.80	21.41	24.28	26.32	28.86	32.64	36.56	40.39	41.72
Stocks, Dec. 31 (at mines)	12.3	12.7	15.3	12.3	14.0	14.8	12.4	11.3	11.7	12.7	12.1
Price (Lake Superior ores) Dec. 31: Natural ores, basis 51.5% Fe (dol./lg. ton)	11.45	10.55	10.80	18.50	20.26	21.18	22.30	24.56	28.50	32.53	32.53
Imports [6]	34.6	45.1	44.9	46.7	44.4	37.9	33.6	33.8	25.1	28.3	14.5
Canada	10.6	23.8	23.9	19.1	25.0	25.3	19.2	22.6	17.3	18.8	9.3
Venezuela	14.6	12.3	13.0	13.1	9.0	6.2	6.1	4.6	3.6	5.1	1.6
Brazil	1.5	2.3	2.0	7.5	5.4	2.2	4.0	3.1	2.0	1.7	1.0
Value (mil. dol.)	322	444	480	860	980	957	845	923	773	948	471
Exports	5.3	7.1	5.5	2.5	2.9	2.1	4.2	5.1	5.7	5.5	3.2
Value (mil. dol.)	58	80	68	60	82	63	137	179	231	245	151
World production (est.)	514	611	754	902	885	828	833	848	884	843	783

– Represents zero. [1] Includes Southeastern district and byproduct ore, not shown separately. [2] Includes undistributed. [3] Predominant mineral. [4] Includes brown ore from Tenn., Mo., and Tex.; also magnetite from Calif., Utah, and Wyo. [5] Beginning 1976, includes byproduct ore. [6] For consumption. Includes countries not shown separately.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1304. Gold and Silver—Summary: 1960 to 1982

[See *Historical Statistics, Colonial Times to 1970*, series M 268-269, for mine production]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982, prel.
GOLD										
Ore produced [1]	1,000 sh. ton	2,267	3,113	3,687	5,722	4,292	7,046	9,893	12,729	17,918
Production, U.S.	1,000 fine oz	1,667	1,705	1,743	1,052	999	964	970	1,379	1,447
Value	Mil. dol	58	60	63	170	193	297	594	634	544
World production	1,000 fine oz	38,200	46,225	47,522	38,476	39,057	38,807	39,197	41,226	42,713
Industrial consumption U.S., net	1,000 fine oz	3,000	5,276	5,973	3,993	4,738	4,785	3,215	3,276	3,448
Imports [2]	Mil. dol	335	102	237	457	903	1,480	2,750	2,157	1,894
Canada	Mil. dol	184	2	152	182	339	565	1,234	1,314	1,124
Soviet Union	Mil. dol	–	–	–	1	287	549	88	22	4
South Africa	Mil. dol	(z)	(z)	(z)	6	1	3	33	188	38
Exports	Mil. dol	2	1,285	38	493	1,114	4,908	3,648	3,072	1,089
Price per fine oz. [3]	Dollars	35.0	35.0	36.4	161.5	193.6	307.5	612.6	459.6	375.9
Production: [4]										
Nevada	1,000 fine oz	66	[5] 205	480	333	261	250	278	525	738
South Dakota	1,000 fine oz	551	[5] 656	579	305	286	246	268	278	185
Utah	1,000 fine oz	314	[5] 389	408	190	236	261	180	228	175
SILVER										
Ore produced [1] [6]	1,000 sh. ton	988	958	934	919	1,840	1,822	2,936	5,534	6,636
Production, U.S.	1,000 fine oz	30,766	39,806	45,006	34,938	39,385	37,896	32,329	40,683	40,239
Value	Mil. dol	28	51	80	154	213	420	667	428	320
World production	1,000 fine oz	241,300	257,415	300,991	303,112	344,978	343,848	339,382	362,308	372,528
Industrial consumption U.S., net [7]	1,000 fine oz	102,000	137,000	128,404	157,650	160,165	157,258	124,694	116,670	118,840
Imports [8]	Mil. dol	54	63	104	394	389	962	1,606	1,026	927
Canada	Mil. dol	20	26	64	150	180	277	660	375	303
Mexico	Mil. dol	10	8	9	96	94	257	282	228	205
Peru	Mil. dol	11	13	19	76	85	188	354	273	143
Exports	Mil. dol	27	51	49	148	119	471	1,910	332	209
Price per fine oz. [3]	Dollars	.91	1.29	1.77	4.42	5.40	11.09	20.63	10.52	7.95
Production: [4]										
Idaho	Mil. fine oz	17.8	18.1	19.1	13.9	18.4	17.1	13.7	16.5	14.8
Arizona	Mil. fine oz	5.3	6.1	7.3	6.3	6.6	7.5	6.3	8.1	6.3
Utah	Mil. fine oz	5.1	5.2	6.0	2.8	2.9	2.5	2.2	2.9	4.3
Colorado	Mil. fine oz	2.1	2.0	2.9	3.4	4.2	2.8	3.0	3.0	1.9

– Represents zero. Z Less than $500,000. [1] Gold and silver are also produced from base-metal ores and placers. In 1975, those sources accounted for 38 percent of gold produced and 65 percent of silver. [2] General imports, 1960–1975; imports for consumption, beginning 1978. [3] Selling price, except New York price for silver, beginning 1965. [4] Source: 1960–1965, U.S. Bureau of the Mint, *Annual Report of the Director*. [5] Refinery production. [6] Includes gold-silver ore. [7] Excludes coinage. [8] General imports, 1960–1975; thereafter, imports for consumption.

Source: Except as noted, U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1305. Copper—Summary: 1960 to 1982

[In thousands of short tons, except as indicated. Excludes Hawaii and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1970*, series M 235-241]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982, prel.
New (primary) copper produced:										
Mines (from domestic ores)	1,080	1,352	1,720	1,413	1,504	1,496	1,591	1,302	1,696	1,256
Copper ore produced [1] (mil. sh. tons)	135	173	258	263	260	264	306	244	306	201
Average yield of copper (percent)	.73	.70	.59	.47	.52	.51	.47	.47	.51	.55
Smelters (from domestic ores)	1,143	1,403	1,605	1,374	1,394	1,400	1,448	1,096	1,427	1,037
Percent of world total	23	23	24	17	16	16	16	13	16	12
Refineries (from domestic ores)	1,121	1,336	1,521	1,286	1,411	1,463	1,556	1,237	1,577	1,174
From foreign ores, matte, etc., refinery	398	376	244	157	85	134	114	98	125	179
Total new refined, domestic and foreign	1,519	1,712	1,765	1,443	1,496	1,597	1,670	1,335	1,702	1,353
Secondary copper produced	871	1,253	1,248	972	1,196	1,375	1,711	1,584	1,563	1,309
Recovered from old scrap only	429	513	504	369	452	553	666	676	659	571
Imports (unmanufactured) [2 3]	524	523	392	324	437	586	310	603	474	558
Refined	143	137	132	147	387	444	225	471	364	285
Exports (unmanufactured) [3]	506	372	307	234	125	196	204	213	265	314
Exports of refined metallic copper	434	325	221	172	52	101	81	16	27	34
Stocks (producers), Dec. 31	359	281	470	519	580	459	374	354	472	552
Mine production of primary copper	1,080	1,352	1,720	1,413	1,504	1,496	1,591	1,302	1,696	1,256
Arizona	539	703	918	813	924	983	1,043	849	1,147	849
Montana	92	115	120	88	86	74	77	42	69	63
New Mexico	67	99	166	146	165	141	181	165	170	(D)
Utah	218	259	296	177	194	205	213	174	233	208
Other States	163	175	220	189	135	93	77	72	77	136
Avg. price, domestic production (cents per lb.)	32.1	35.4	58.2	64.2	66.8	66.5	93.3	102.4	85.1	74.3
World smelter production	5,040	6,105	6,752	8,069	8,967	8,759	8,820	8,725	9,146	8,987
World smelter capacity	(NA)	(NA)	(NA)	(NA)	(NA)	10,900	11,180	(NA)	(NA)	(NA)

D Withheld to avoid disclosure of individual company data. NA Not available. [1] Includes old tailings, smelted or retreated. Not comparable with mine production figures which include recoverable copper content of ores not classified as "copper." [2] Includes copper imported for immediate consumption plus material entering country under bond. Beginning 1977 includes imports for consumption. [3] *Comprises* copper in ores and concentrates, matte, refined, blister, and scrap.

No. 1306. Molybdenum Concentrates—Summary: 1960 to 1982

[In millions of pounds of contained molybdenum, except as indicated. See *Historical Statistics, Colonial Times to 1970*, series M 227-228, for production and exports of ores and concentrates]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Production	68.2	77.4	111.4	112.0	106.0	113.2	122.4	131.8	144.0	150.7	139.9	83.1
Shipments from mines	69.9	77.3	110.4	118.2	105.2	114.5	125.0	130.7	143.5	149.3	118.9	77.8
Average price per pound [1] (dol.)	1.47	1.75	1.92	2.24	2.74	3.26	4.02	4.86	6.07	9.00	6.85-8.50	8.50
Value (mil. dol.)	87.4	120.8	190.1	234.7	259.3	333.5	450.4	607.9	871.1	1,344.2	945.5	514.8
Exports [2]	30.2	24.1	55.7	78.7	62.6	62.5	65.7	69.2	72.2	68.2	51.4	49.8
Imports for consumption	-	.1	(Z)	.2	2.6	2.1	2.0	2.7	2.3	1.8	2.0	3.1
Consumption	44.8	68.1	76.1	91.7	90.0	85.0	91.0	96.4	103.2	108.2	80.7	49.4
Stocks (industry), Dec. 31 [3]	3.5	4.2	9.7	18.7	10.7	9.4	9.2	9.0	9.5	18.1	35.0	35.5
World production, estimate	89.1	[4] 98.5	[4] 161.1	185.6	180.3	195.5	209.7	220.6	229.4	241.7	241.1	200.3

- Represents zero. Z Less than 50,000 pounds. [1] Molybdenum in technical-grade oxide, f.o.b., plant of major producer, domestic sales. [2] Includes roasted concentrates. [3] At mines and at plants making molybdenum products. [4] Free world.

No. 1307. Cobalt—Summary: 1960 to 1982

[In millions of pounds of contained cobalt, except price]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Production: Mine	2.2	1.2	.7	-	-	-	-	-	-	-	-	-
Secondary (scrap) [1]	.2	.1	.1	.3	.3	.3	.5	1.0	1.2	1.2	1.0	.9
Imports [2]	12.2	15.4	12.4	16.1	6.6	16.5	17.5	19.0	20.0	16.3	15.6	12.9
Zaire	(NA)	(NA)	(NA)	7.5	2.2	6.8	7.5	7.9	8.8	6.2	4.2	5.0
Zambia	(NA)	(NA)	(NA)	.1	-	1.7	2.4	2.1	3.5	2.2	1.5	1.2
Finland	(NA)	(NA)	(NA)	.9	1.1	.8	1.3	.9	1.2	1.1	1.2	.8
Exports [3]	(NA)	.1	1.5	1.3	1.8	1.8	.9	1.5	.7	.6	.8	.6
Consumption	8.9	13.6	13.4	18.9	12.8	16.5	16.6	20.0	17.4	15.3	11.7	9.5
Inventories	104.0	103.8	81.0	56.0	49.5	44.1	44.5	45.2	44.2	43.3	42.2	45.1
Government [4]	103.2	102.2	79.1	54.0	47.6	41.0	40.9	40.8	40.8	40.8	40.8	43.8
Private [5]	.8	1.6	1.9	2.0	1.8	3.2	3.7	4.4	3.4	2.5	1.4	1.3
Price per pound [6] (dollars): Low	1.54	1.62	2.20	3.46	3.98	4.44	5.58	6.40-20.00	20.00-25.00	25.00	17.26-25.00	12.50-17.26
High												

- Represents zero. NA Not available. [1] *Reported consumption* of purchased scrap. [2] Includes countries not shown separately. [3] Content of unwrought cobalt and cobalt alloys, and waste and scrap. [4] Includes cobalt sold but not delivered. [5] Consumer stocks only. [6] 1960-77 and 1980 weighted average based on the market price quoted by a major U.S. cobalt dealer; otherwise based on range of prices.

Source of tables 1305-1307: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1308. Nickel—Summary: 1960 to 1982

[Quantities in thousands of short tons. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1970,* series M 231-234]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Mine production	14	16	16	17	17	16	14	14	15	15	12	3
Plant production:												
Primary [1]	14	14	16	14	14	14	13	11	12	11	10	3
Secondary [2]	27	51	49	65	42	47	45	44	57	40	(NA)	(NA)
Imports (est. nickel content)	103	163	156	221	161	188	195	240	177	189	209	130
Exports (gross weight)	54	21	31	30	30	47	39	36	51	57	47	57
Consumption	108	172	156	208	146	163	155	181	196	156	145	104
Stocks (consumer), Dec. 31	11	14	25	45	35	32	19	20	20	15	23	19
Price per pound [3] (dollars)	.74	.79	1.33	2.01	2.20	2.20	2.41	2.10	1.93	3.20	3.45	3.20
World production, est	353	468	693	849	890	873	913	725	750	836	785	670

NA Not available. [1] From domestic ores. [2] Includes nickel recovered from iron and steel scrap. [3] Peak price quoted U.S. buyers by International Nickel Co., Inc., for electrolytic nickel, U.S. duty included, f.o.b. Port Colborne, Ontario.

No. 1309. Tin—Summary: 1960 to 1982

[In thousands of short tons, except price. See headnote, table 1308, for exclusions]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Production: Domestic smelters	(D)	3.4	(D)	7.2	6.3	7.4	6.5	5.1	3.3	2.2	3.9
Secondary sources	24.7	28.1	22.4	17.5	18.1	20.4	23.3	23.7	20.5	17.0	15.7
Imports for consumption:											
Metal	44.3	45.7	56.7	48.9	49.7	52.7	51.6	53.3	50.7	50.6	30.8
Ore (tin content)	15.8	4.7	5.2	7.1	6.3	7.4	4.3	5.0	.9	.3	2.2
Exports	1.0	3.2	5.0	4.0	2.6	6.0	5.2	3.8	4.2	6.7	10.0
Price of Straits tin at N.Y., dol. per lb. [1]	1.01	1.78	1.74	3.40	3.80	5.35	6.30	7.54	8.46	7.33	6.54
Consumption	90	94	83	62	69	67	68	69	62	60	55
World mine production, est	202	225	256	245	241	254	266	270	273	278	266

D Withheld to avoid disclosure of individual company data. [1] See footnote 5, table 1271.

No. 1310. Tungsten Concentrate—Summary: 1960 to 1982

[Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970,* series M 225-226, for related data]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982, prel.
Production:											
Concentrates (60% WO_3 basis) [1]	1,000 sh. ton	7.0	7.9	10.1	5.8	6.3	7.3	7.0	6.3	8.2	3.6
Tungsten content	Mil. lb	6.7	7.6	9.3	5.5	6.0	6.9	6.6	6.0	7.8	3.5
Shipments from mines:											
Reported value f.o.b. mines	Mil. dol	9.8	13.0	23.8	29.1	55.1	56.7	55.8	50.6	62.2	22.1
Avg. value per lb. of tungsten	Dollars	1.40	1.72	2.55	5.30	9.15	8.22	8.40	8.38	7.96	6.35
Imports, general [2]	Mil. lb	5.2	3.5	1.3	6.9	6.8	[3] 9.1	[3] 11.4	[3] 11.4	[3] 11.8	[3] 7.8
Consumption [2]	Mil. lb	11.6	13.9	16.7	14.0	17.1	18.8	21.6	20.4	21.7	9.9
Stocks, [2] end of year	Mil. lb	5.5	1.8	2.2	2.5	1.0	1.5	1.6	1.4	1.7	3.0
World production [2]	Mil. lb	68.7	59.6	71.4	84.5	90.5	101.5	106.9	112.9	108.5	98.9

[1] A short ton of 60% tungsten trioxide (WO_3) contains 951.72 pounds of tungsten. [2] Tungsten content. [3] Imports for consumption.

Source of tables 1308-1310: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1311. Uranium—Summary: 1960 to 1982

[See table 1013. See also *Historical Statistics, Colonial Times to 1970,* series M 266-267]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Mine ore shipments [1]	Mil. sh. ton	8.0	4.4	6.3	7.0	8.6	10.3	14.3	15.0	16.7	14.5	8.8
Recoverable content [2]	Mil. lb	37.6	20.8	25.6	24.0	27.0	31.8	37.6	31.4	40.0	33.4	21.0
Value [3]	Mil. dol	(NA)	(NA)	(NA)	252.0	438.0	628.0	812.0	749.0	1,228.0	(NA)	(NA)
Production, concentrate [2]	1,000 sh. ton	17.6	10.4	12.9	11.6	12.7	14.9	18.5	16.7	21.8	19.2	13.4
Export	1,000 sh. ton	(NA)	(NA)	2.1	.5	.6	2.0	3.4	3.1	2.9	2.2	[4] 2.2
Imports, concentrate [2 5]	1,000 sh. ton	18.0	4.0	-	.7	1.8	2.8	2.6	1.5	1.8	3.3	8.5
World production [2 5]	1,000 sh. ton	41.6	20.4	24.2	24.8	29.0	37.5	44.1	49.4	57.1	57.0	53.0

– Represents zero. NA Not available. [1] Receipts at mills. [2] U_3O_8. [3] Based on average price for delivery commitments during the year. [4] Estimate. [5] Mainly for enrichment and export of enriched uranium product, 1965-76; thereafter, for domestic consumption only. [6] Excludes communist countries.

Source: U.S. Dept. of Energy, *Statistical Data of The Uranium Industry, 1982, 1980 Annual Report to Congress,* vol. II., and *OECD, Uranium Resources, Production and Demand,* February 1982.

No. 1312. Zinc—Summary: 1960 to 1982

[**Production in thousands of short tons.** Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970,* series M 249-250, for production]

ITEM AND STATE	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Smelter production, primary slab zinc	800	994	878	555	438	499	450	448	521	375	382	252
Value (mil. dol.)	205	291	236	399	341	369	310	278	389	281	341	194
From domestic ores	334	551	404	347	308	382	355	295	281	256	286	213
From foreign ores	465	443	474	208	130	117	95	154	240	120	96	38
Production, redistilled secondary slab zinc	69	84	77	79	58	69	51	38	59	32	55	82
Avg. price of common zinc (cents per lb.)	13.0	14.5	15.3	36.0	39.0	37.1	34.4	31.0	37.3	37.4	44.6	38.5
World smelter production, est	3,335	4,353	5,321	6,183	5,526	5,986	6,407	6,483	6,911	6,677	6,737	6,483
World smelter and refining capacity	(NA)	(NA)	(NA)	6,940	(NA)	7,545	7,666	8,487	8,524	(NA)	(NA)	(NA)
Mine production, recoverable zinc	435	611	534	500	469	485	450	334	295	350	344	331
Colorado	31	54	57	49	48	51	40	24	11	15	(D)	(D)
Idaho	37	58	41	39	41	47	31	36	33	31	(D)	(D)
Missouri	3	4	51	92	75	84	82	65	68	69	58	70
New York	66	70	59	93	77	74	71	29	13	37	41	54
Tennessee	91	122	118	86	83	83	90	97	94	123	130	134
Other States	207	303	208	141	145	146	136	83	76	75	116	73

D Withheld to avoid disclosure of individual company data. NA Not available.

Source: U.S. Bureau of Mines, *Minerals Yearbook,* and *Mineral Facts and Problems.*

No. 1313. Bauxite—Summary: 1960 to 1982

[See also *Historical Statistics, Colonial Times to 1970,* series M 256-257]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Production:												
Crude ore	Mil. lg. ton	2.4	2.0	2.5	2.2	2.4	2.4	2.0	2.2	1.8	1.8	.9
Dried bauxite	Mil. lg. ton	2.0	1.7	2.1	1.8	2.0	2.0	1.6	1.8	1.5	1.5	.7
Value	Mil. dol	21.1	18.6	30.1	25.1	26.6	27.6	23.2	24.9	22.4	26.5	12.3
Imports [1] (crude, dried)	Mil. lg. ton	8.7	11.4	13.6	11.5	12.5	12.9	13.8	13.6	13.9	12.6	10.0
Jamaica	Mil. lg. ton	4.2	6.6	7.5	5.4	6.2	6.4	6.4	6.4	6.0	5.3	4.0
Guinea	Mil. lg. ton	–	(NA)	.5	2.6	3.0	3.0	3.4	3.9	4.0	3.5	4.1
Suriname	Mil. lg. ton	3.3	3.0	2.9	1.9	1.5	1.9	2.3	1.5	1.3	1.1	.4
Value [2]	Mil. dol	78.0	143.0	159.8	245.1	315.1	349.5	397.5	389.1	(NA)	(NA)	(NA)
Exports (as shipped)	1,000 lg. ton	29	147	3	19	15	26	13	15	21	20	4.8
Value	Mil. dol	2.6	10.7	.2	1.7	1.3	2.3	1.5	3.3	(NA)	(NA)	(NA)
Consumption (dry equivalent)	Mil. lg. ton	8.9	13.5	15.7	12.4	13.8	14.3	14.5	15.4	15.7	13.3	9.1
World production, est	Mil. lg. ton	27.2	36.8	56.9	73.6	76.2	80.1	79.7	84.1	87.7	84.1	73.3

– Represents zero. NA Not available. [1] Includes countries not shown separately. [2] See footnote 1, table 1278.

Source: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1314. Aluminum—Summary: 1960 to 1982

[See also *Historical Statistics, Colonial Times to 1970,* series M 258-262]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Production	Mil. sh. ton	2.3	3.4	4.8	4.9	5.4	5.8	6.1	6.4	6.5	6.4	5.2
Primary aluminum	Mil. sh. ton	2.0	2.8	4.0	3.9	4.3	4.5	4.8	5.0	5.1	4.9	3.6
Plant capacity	Mil. sh. ton	2.5	2.8	4.3	5.0	5.2	5.2	5.2	5.3	5.5	5.5	5.5
Secondary aluminum [1]	Mil. sh. ton	.3	.6	.8	1.0	1.2	1.3	1.3	1.4	1.5	1.7	1.6
Value [2] (primary metal)	Bil. dol	1.2	1.7	2.6	3.7	4.8	6.0	6.6	7.8	9.3	9.8	8.0
Primary aluminum	Bil. dol	1.0	1.3	2.2	3.0	3.8	4.7	5.2	6.1	7.3	7.5	5.5
Price (cents per lb.[3])	Cents/lb	26.0	24.5	28.7	39.8	44.5	51.6	54.0	61.0	71.6	76.0	76.0
Secondary aluminum	Bil. dol	.2	.3	.5	.8	1.0	1.3	1.4	1.7	2.0	2.3	2.5
Imports for consumption [4]	1,000 sh. ton	196	620	468	550	749	836	1,080	840	713	935	968
Value	Bil. dol	.1	.3	.2	.4	.6	.8	1.1	1.0	1.0	1.4	1.3
Exports [4]	1,000 sh. ton	384	315	612	440	484	411	520	773	1,483	867	824
Value	Bil. dol	.2	.2	.4	.4	.5	.5	.7	1.1	2.4	1.5	1.2
Shipments [5] (net domestic)	Mil. sh. ton	2.4	3.8	4.5	4.6	5.8	6.1	6.8	6.9	6.0	6.1	5.5
World production, est	Mil. sh. ton	5.0	7.0	10.6	13.4	13.9	15.2	15.6	16.1	17.0	16.6	14.6
World plant capacity	Mil. sh. ton	5.9	7.9	12.0	16.4	17.6	18.0	18.9	19.4	18.7	18.9	19.2

[1] Recoverable aluminum content from scrap, old and new. [2] Based on published producers' prices for primary metal. [3] Average of prices for primary aluminum, 1960–1978, quoted by *American Metal Market;* thereafter *Metals Week.* [4] Crude and semicrude (including metal and alloys, plates, bars, etc., and scrap). [5] Compiled by Aluminum Association from data on net shipments of aluminum ingot and mill products. Includes changes in aluminum industry and government inventories and net trade.

Source: U.S. Bureau of Mines, *Minerals Yearbook.*

No. 1315. Magnesium—Summary: 1970 to 1982

[**In thousands of short tons, except as indicated.** Magnesium metal is used primarily in the manufacturing of aircraft, automotive, and other types of transportation equipment, material-handling equipment, power tools, and alloying with other metals]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Production (domestic)	124	140	(D)	148	151	159	185	200	209	189	142
Primary [1]	112	122	(D)	120	120	126	149	162	169	143	99
Secondary (recovered from scrap)	12	18	15	28	31	33	36	37	40	46	43
Exports	36	40	46	33	13	28	42	54	57	35	40
Value (mil. dol.)	22.5	28.2	48.5	48.2	26.9	51.8	75.8	113.8	127.7	90.8	104.8
Imports	3	3	5	8	15	6	7	5	4	7	5
Value (mil. dol.)	2.5	2.7	5.2	11.5	22.7	8.0	10.1	9.0	8.3	17.6	15.6
Consumption	93	116	130	94	104	104	109	109	96	91	75
Castings and wrought products	23	25	28	19	17	20	19	19	17	15	14
Alloys (aluminum)	37	52	62	47	54	56	59	61	54	51	40
Other	33	39	40	28	33	28	31	29	24	25	21
Price per pound (cents)	35	38	41–75	82	87–92	96–99	99–101	101–109	107–125	125–134	134
World production (primary)	242	266	[2] 143	258	275	284	318	339	348	326	273

D Withheld to avoid disclosing company proprietary data. [1] Beginning 1975, figures are the difference between total North American production reported by the International Magnesium Association and Canadian production. [2] Excludes U.S. production.

No. 1316. Platinum—Group Metals—Summary: 1970 to 1982

[**In thousands of troy ounces, except as indicated.** The platinum-group is comprised of six closely related metals (see below). The metals commonly occur together in nature and are among the scarcest of the metallic elements. The metals are refractory, are chemically inert toward a wide variety of materials even at high temperatures; used as catalysts in the chemical, petroleum refining, and automotive industries and as corrosion-resistant materials in the chemcial, electrical, glass, and dental-medical industries]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982 [1]
World mine production, total [2]	**4,239**	**5,714**	**6,229**	**6,511**	**6,440**	**6,487**	**6,838**	**6,923**	**6,454**
United States	17	19	6	6	8	7	3	7	8
U.S.S.R.	2,200	2,650	3,050	3,100	3,150	3,200	3,250	3,350	3,500
South Africa	1,503	2,600	2,700	2,870	2,860	3,017	3,100	3,110	2,600
Primary refined	21	17	7	5	8	8	2	6	7
Secondary refined	350	270	215	195	257	309	331	392	343
Imports	1,411	1,820	2,667	2,510	2,921	3,479	3,502	2,850	2,494
Value (mil. dol.)	105	273	292	273	450	841	1,177	800	554
Exports	414	660	512	427	703	900	765	863	862
Value (mil. dol.)	43	88	53	46	102	202	341	302	183
Industry Stocks, Jan.1	1,068	1,122	849	1,086	1,013	861	761	973	918
Producer price per troy ounce (dol.):									
Platinum	133	164	162	162	237	352	439	475	475
Palladium	38	93	51	60	71	113	214	130	110
Rhodium	215	338	348	441	510	733	766	641	600
Iridium	156	477	325	258	300	257	505	600	600
Ruthenium	53	60	60	60	56	45	45	45	45
Osmium	215	200	200	175	150	150	150	150	137

[1] Preliminary. [2] Includes countries not shown separately.

No. 1317. Titanium—Summary: 1970 to 1982

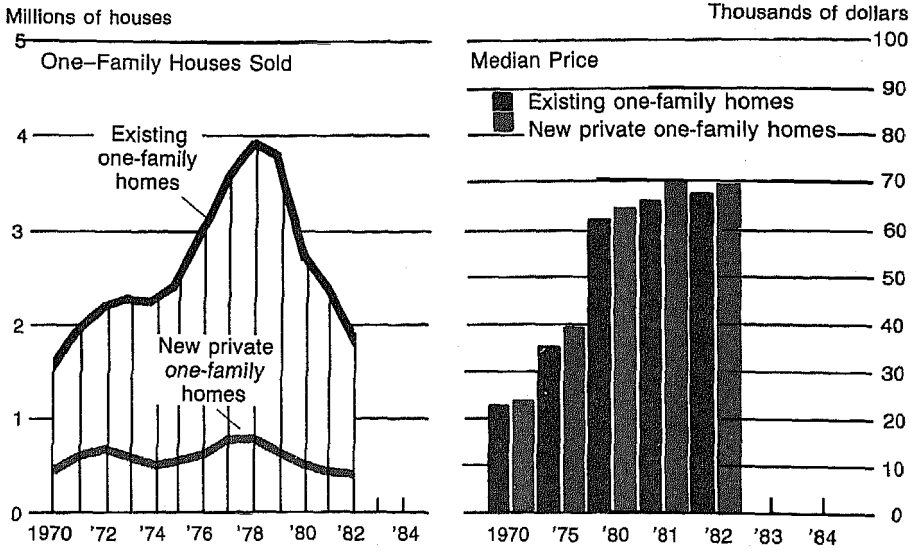
ITEM	Unit	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Ilmenite concentrate:												
Mine shipments	1,000 sh. ton	921	804	755	702	618	542	581	646	594	524	233
Value	Mil. dol	18.6	20.1	22.7	26.9	27.6	25.2	25.6	33.0	32.0	37.0	19.1
Imports	1,000 sh. ton	96	70	82	122	168	335	309	184	357	236	348
Value	Mi. dol	1.0	.9	1.4	2.1	2.6	5.7	4.5	2.8	6.7	5.9	8.8
Consumption	1,000 sh. ton	972	808	852	748	822	867	792	791	849	856	583
Titanium dioxide pigments:												
Production	1,000 sh. ton	655	785	787	603	713	687	701	742	727	761	635
Imports for consumption	1,000 sh. ton	60	60	35	26	68	115	118	105	98	126	139
Apparent consumption	1,000 sh. ton	(NA)	(NA)	(NA)	596	754	785	802	837	753	806	716
Price, Dec. 31:												
Anatase	Cents/lb	26	24	31	39	41	44	46	53	57	69	69
Rutile	Cents/lb	26–27	28	35	44	47	49	51	59	63	75	75
World production:												
Ilmenite concentrate	1,000 sh. ton	3,109	2,983	3,519	3,194	3,490	3,653	3,875	3,875	4,016	[1] 4,010	[2] 3,371
Titanium slag	1,000 sh. ton	853	947	936	832	901	765	1,037	842	1,343	[1] 1,245	[2] 1,170
Rutile concentrate, natural [3]	1,000 sh. ton	460	385	398	422	445	401	333	394	460	[1] 409	[2] 381

NA Not available. [1] Preliminary. [2] Estimated. [3] Excludes U.S. production data to avoid disclosing company proprietary data.

Source of tables 1315–1317: U.S. Bureau of Mines, *Minerals Yearbook*.

Figure 28.1

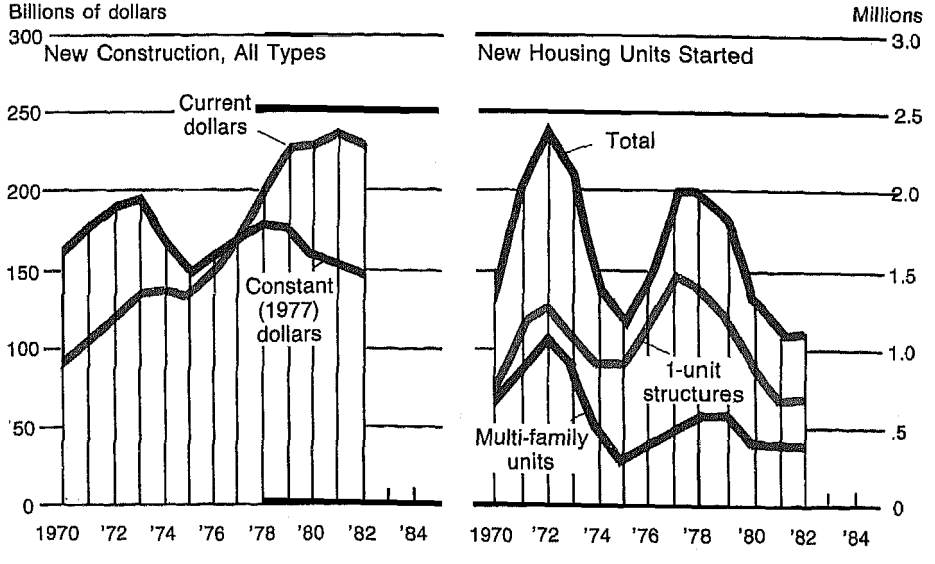
Existing and New Private One-Family Houses Sold and Median Sales Price: 1970 to 1982



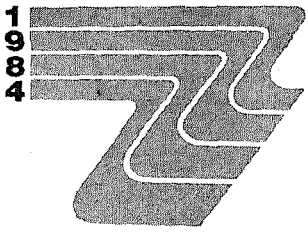
Source: Chart prepared by U.S Bureau of the Census. For data, see tables 1332 and 1334.

Figure 28.2

***New Construction—Value of* Total Construction and Number of Housing Units Started: 1970 to 1982**



Source: Chart prepared by U.S Bureau of the Census. For data, see tables 1321, 1322, and 1329.



Section 28

Construction and Housing

This section presents data on the construction industry and on various indicators of its activity and costs; on housing units and their characteristics, occupants, and financing; on public housing; and on nonresidential buildings.

The principal source of these data is the U.S. Bureau of the Census, which issues a variety of current publications. Construction statistics compiled by the Bureau appear in its monthly *Construction Reports* series with various quarterly or annual supplements; *Housing Starts* and *Housing Completions* present data by type of unit and by 4 major census regions; *New One-Family Houses Sold and For Sale* also provides statistics annually on physical and financial characteristics for all new housing by the 4 major census regions; *Value of New Construction Put in Place* includes monthly composite construction cost indexes, and a special supplement which contains historical data, 1964 to 1980, as well as several tables showing data for 1915–1964; *Price Index of New One-Family Houses Sold* presents quarterly figures and annual regional data; and *Housing Units Authorized by Building Permits and Public Contracts* covers approximately 16,000 permit-issuing jurisdictions in the United States. Statistics on expenditures by owners of residential properties are issued quarterly and annually in *Residential Alterations and Repairs.* Reports of the censuses of construction industries (see below) are also issued on various topics.

Other Census Bureau publications include the *Current Housing Reports* series, which comprises the quarterly *Housing Vacancies,* the quarterly *Market Absorption of Apartments,* the *Annual Housing Survey,* and reports of the censuses of housing and of construction industries. *Construction Review,* published quarterly by the Bureau of Industrial Economics, U.S. Department of Commerce, contains many of the census series and other construction statistics series from the Federal Government and private agencies.

Other sources include the monthly *Dodge Construction Potentials* of F. W. Dodge Division, McGraw-Hill Information Systems Company, New York, N.Y., which presents State data on construction contracts; the Bureau of Economic Analysis, which presents data on residential capital and gross housing product; and the Federal Home Loan Bank Board, the Department of Housing and Urban Development (HUD), and the Veterans Administration, which publish financial data. Data on conventional home mortgages are provided by the Federal Home Loan Bank Board. The Department of Housing and Urban Development provides data on the gross flow of long-term mortgage loans in its study, *The Supply of Mortgage Credit, 1970–1979.* Data on mortgages insured by the Federal Housing Administration (FHA) and on VA-guaranteed loans are also presented in this section. In addition, the *Statistical Yearbook,* published by HUD through the 1979 issue, also contained housing data.

Censuses and surveys.—Censuses of the construction industry were first conducted by the Bureau of the Census for 1929, 1935, and 1939; beginning in 1967, a census has been taken every five years (for years ending in "2" and "7"). The latest reports are for 1977.

The 1977 Census of Construction Industries, in accordance with the 1972 *Standard Industrial Classification Manual* (see text, page 402), defines a construction establishment as a relatively permanent place of business where the usual business activities related to construction are conducted.

From 1850 through 1930, the Bureau of the Census collected some housing data as part of its censuses of population and agriculture. Beginning in 1940, separate censuses of housing have been taken at 10-year intervals. For the 1970 and 1980 censuses, data on year-round housing units were collected and issued on occupancy and structural characteristics, plumbing facilities, value, and rent.

Evaluation studies of the 1950, 1960, and 1970 censuses estimated the underenumeration of occupied housing units at 2.9 percent, 2.4 percent, and 1.7 percent, respectively. The net undercount in the 1970 census is estimated at approximately 1.5 million housing units. Estimates for the 1980 Census were not available at the time of publication of this edition. The estimates for the various censuses are not strictly comparable due to differences in timing, procedures, and other factors. The census figures have not been adjusted to reflect the estimated undercounts.

The Annual Housing Survey (*Current Housing Reports*, series H-150 and H-170), which began in 1973, provides a current and ongoing series of data on selected housing and demographic characteristics. It is based on a national sample and on separate samples for 60 SMSA's selected to represent a cross section of the housing stock in these areas. Annual Housing Survey estimates are subject to both sampling and nonsampling errors; caution should, therefore, be used in making comparisons with 1970 and 1980 census data.

Data on residential mortgages were collected continuously from 1890 to 1970, except 1930, as part of the decennial census by the Bureau of the Census. Since 1973, mortgage status data, which are limited to single family homes on less than ten acres with no business on the property, have been presented in the Annual Housing Survey.

Housing units.—In general, a housing unit is a group of rooms or a single room occupied or intended for occupancy as separate living quarters; that is, the occupants do not live and eat with any other persons in the structure, and there is either (1) direct access from the outside or through a common hall, or (2) complete kitchen facilities for the exclusive use of the occupants. Transient accommodations, barracks for workers, and institutional-type quarters are not counted as housing units.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

NO. 1318. CONSTRUCTION INDUSTRIES—SUMMARY, BY INDUSTRY: 1972 AND 1977

(Based on a probability sample of about 167,000 construction establishments with payroll in 1972, and 181,000 in 1977; see Appendix III. "N.e.c." means Not elsewhere classified)

INDUSTRY	Establishments with payroll (1,000)	EMPLOYEES (1,000)		PAYROLL (mil. dol.)		RECEIPTS (mil. dol.)		Value added [2] (mil. dol.)
		Total	Construction workers	Total	Construction workers	Total	Net construction [1]	
1972, total	**437.9**	**4,146**	**3,487**	**40,005**	**32,187**	**155,850**	**111,232**	**68,197**
Contract construction	430.0	4,083	3,464	39,528	32,036	152,722	110,716	67,810
General building contractors	133.1	1,150	938	10,159	7,740	64,350	33,245	17,884
Heavy construction contractors	28.0	827	709	9,255	7,537	31,461	25,357	16,200
Special trade contractors	269.0	2,107	1,817	20,114	16,759	56,911	52,114	33,726
1977, total	**480.0**	**4,273**	**3,565**	**54,980**	**43,112**	**224,665**	**164,516**	**98,864**
Contract construction	474.9	4,234	3,548	54,566	42,963	221,622	163,463	98,116
General building contractors	156.0	1,181	963	13,537	10,041	89,787	48,262	25,040
Single-family houses	101.0	438	383	3,736	3,068	21,890	15,070	7,297
Other residential buildings	4.8	56	46	646	485	4,515	2,203	1,145
Operative builders	23.5	174	110	2,026	1,053	22,918	10,627	5,229
Industrial buildings and warehouses	8.3	202	171	2,853	2,247	13,063	7,545	4,258
Nonresidential buildings, n.e.c.	18.5	312	254	4,275	3,190	27,400	12,816	7,112
Heavy construction contractors [3]	31.3	917	757	14,267	10,988	50,728	40,272	26,573
Highway and street construction	11.7	268	233	3,596	2,927	15,621	12,546	7,641
Water, sewer, and utility lines	10.2	198	173	2,837	2,347	9,553	8,371	5,523
Heavy construction, n.e.c.	8.3	413	318	7,298	5,274	23,283	17,527	12,447
Special trade contractors [3]	287.7	2,136	1,827	26,762	21,934	81,108	74,929	46,502
Plumbing, heating, air-conditioning	56.4	459	369	6,414	5,025	21,431	19,136	10,681
Painting, paperhanging, decorating	27.4	133	121	1,361	1,191	3,209	3,051	2,362
Electrical work	36.8	357	297	5,483	4,497	14,482	13,919	8,748
Masonry and other stonework	24.8	152	143	1,493	1,350	3,805	3,678	2,417
Plastering, drywall, insulation	16.7	180	158	2,262	1,901	6,266	5,819	3,630
Carpentering	24.4	125	115	1,202	1,061	3,647	3,328	2,083
Roofing and sheet metal work	20.6	172	146	1,966	1,555	6,321	5,939	3,420
Concrete work	17.0	118	107	1,210	1,043	4,152	3,862	2,228
Excavating and foundation work	16.5	104	92	1,208	1,021	4,370	3,930	2,994
Special trade contractors n.e.c	20.6	128	108	1,384	1,086	4,608	4,129	2,693
Subdividers and developers, n.e.c.	5.1	39	18	414	150	3,043	1,053	748

[1] Construction receipts less payments for construction work subcontracted to others, not shown separately. [2] Total receipts less (*a*) payments for materials, components, and supplies, (*b*) payments for construction work subcontracted to others, not shown separately. [3] Includes other industries each with less than $2.5 billion in total receipts, not shown separately.

Source: U.S. Bureau of the Census, *Census of Construction Industries, 1972* and *1977*, series CC.

No. 1319. Price, Wage Scale, and Cost Indexes for Construction: 1970 to 1982

[1977=100. Excludes Alaska and Hawaii, except as noted. Indexes of certain of these sources are published on bases different from those shown here. See *Historical Statistics, Colonial Times to 1970,* series N 118-137, for construction cost indexes on a 1947-49 base]

ITEM	1970	1973	1974	1975	1976	1978	1979	1980	1981	1982
Price index for new one-family houses sold [1]	55.3	67.5	73.8	81.7	88.7	114.5	130.8	145.2	157.4	161.5
Union hourly wage scales, building trades [2]	60.7	75.7	81.7	88.7	94.4	105.7	113.0	122.0	(NA)	(NA)
Construction cost indexes:										
Dept. of Commerce composite [3]	56.8	69.6	81.8	89.3	92.4	113.0	126.8	143.2	151.9	154.1
Federal Highway Admin.: Highways [4]	58.0	70.8	96.3	96.7	93.4	119.4	142.6	163.0	156.7	146.8
Environmental Protection Agency:										
Sewers	51.2	68.2	78.8	88.5	94.1	109.5	123.2	133.6	142.2	(NA)
Sewage treatment plant	51.6	65.6	78.0	89.8	94.3	109.5	120.4	131.3	142.5	(NA)
Federal Energy Regulatory Commission: Pipeline	54	64	76	93	98	112	121	133	145	147
American Appraisal Co.: Building construction [5]	57	76	80	86	94	109	118	125	132	(NA)
Turner Construction Co.: Building construction [6]	62	78	91	95	97	106	118	131	144	156
E. H. Boeckh, building cost index: [7]										
Small residential structures	56.5	73.5	79.4	84.7	91.7	109.0	119.0	128.9	136.0	147.5
Apartments, hotels, and office buildings	57.5	71.3	77.9	85.6	92.4	106.5	114.7	125.1	137.4	150.0
Commercial and factory buildings	55.6	69.8	77.3	85.3	92.6	107.5	117.1	127.7	140.1	151.9
Engineering News-Record: [8] Building construction	54.1	73.7	78.0	84.6	92.3	108.4	117.8	125.9	135.9	144.7
General construction	53.8	73.5	78.4	85.8	93.1	107.7	116.5	125.6	137.3	148.5
Handy-Whitman public utility: [9] Building	53	69	84	93	95	109	122	135	142	142
Electric light and power [10]	52	63	75	88	94	106	116	127	139	146

NA Not available. [1] Includes value of site. [2] Based on minimum wage rates agreed upon through collective bargaining; excludes overtime. As of first work day in July. Includes Honolulu, Hawaii, beginning in 1976. Source: U.S. Bureau of Labor Statistics, *Union Wages and Benefits: Building Trades,* annual. [3] Covers both building and nonbuilding construction, excluding maintenance and repair. Represents a weighted average of various indexes used for different types of construction. [4] Based on average contract unit bid prices for composite mile (involving specific average amounts of excavation, paving, reinforcing steel, structural steel, and structural concrete). [5] Average for 30 cities of 4 types of buildings: Wood-frame, brick-wood frame, brick-steel frame, and reinforced concrete. Covers materials and labor costs in structural portion of buildings but excludes those for plumbing, heating, lighting, sprinklers, and elevators. Reflects employee-benefit costs, and allows for contractors' overhead and profit. [6] Eastern cities. Based on firm's cost experience with respect to labor rates, materials prices, competitive conditions, efficiency of plant and management, and productivity. Reflects payment of sales taxes and employee-benefit costs. [7] Average of 20 cities for types shown. Weights based on surveys of building costs. Wage rates used for both common and skilled labor. Reflects payment of sales taxes and Social Security payroll taxes. [8] Building construction index computed on basis of hypothetical unit of construction requiring 6 bbl. of portland cement, 1,088 M bd. ft. of 2" x 4" lumber, 2,500 lb. of structural steel, and 68.38 hours of skilled labor. General construction index based on same materials components combined with 200 hours of common labor. [9] Based on data covering public utility construction costs for 95 items in 6 geographic regions. Covers skilled and common labor; does not reflect tax payments nor employee-benefit costs. [10] As derived by U.S. Bureau of the Census. Covers steam production plants only; excludes hydraulic plants.

Source: Except as noted, U.S. Bureau of the Census. In U.S. Department of Commerce, Bureau of Industrial Economics, *Construction Review,* bimonthly.

No. 1320. Construction Materials—Producer Price Indexes: 1970 to 1982

[1967=100. For discussion of producer price index, see text, p. 483. Covers materials incorporated as integral part of a building or normally installed during construction and not readily removable. Excludes consumer durables such as kitchen ranges, refrigerators, etc. See also, *Historical Statistics, Colonial Times to 1970,* series N 140-155]

COMMODITY	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
All materials	**112.5**	**138.5**	**160.9**	**174.0**	**187.7**	**204.9**	**228.3**	**251.4**	**266.4**	**283.0**	**288.0**
Softwood lumber: Douglas fir	108.7	209.6	213.7	212.0	250.7	291.4	339.7	383.9	353.0	311.8	266.2
Southern pine	114.7	187.9	184.5	175.3	217.4	262.5	304.6	324.2	297.4	291.6	285.9
Hardwood lumber	114.6	169.0	189.5	160.3	176.0	200.3	235.8	260.0	252.0	255.2	262.4
Millwork	116.0	144.2	157.1	160.4	176.9	193.7	235.4	254.3	260.4	273.4	279.4
Plywood	108.4	155.2	161.1	161.2	187.0	212.2	235.6	250.5	246.5	245.7	232.1
Building paper and board	101.0	112.8	123.5	127.1	138.8	157.0	187.4	182.4	206.2	231.7	239.5
Prepared paint	112.4	122.2	145.7	166.9	174.4	182.4	192.3	204.4	235.3	249.8	262.8
Finished steel products:											
Structural shapes	115.3	140.7	179.0	216.3	227.1	241.2	272.0	300.4	329.9	368.1	(NA)
Reinforcing bars	110.3	124.1	201.5	199.2	182.5	185.8	206.4	261.1	274.8	275.5	(NA)
Black pipe, carbon	113.3	137.8	178.7	204.6	219.1	247.9	279.8	301.8	323.6	380.4	(NA)
Wire nails, 8d common	114.8	140.4	207.1	241.4	243.6	261.3	273.5	298.5	331.9	356.9	365.3
Nonferrous metal products	124.7	135.0	187.1	171.6	181.6	195.4	207.8	261.7	305.0	285.8	263.6
Building wire	123.2	108.2	169.7	125.8	118.4	126.7	125.5	167.7	209.4	163.7	145.2
Plumbing fixtures	111.2	125.8	149.1	162.3	174.1	186.6	199.1	217.1	246.7	267.5	278.7
Heating equipment	110.6	120.4	135.0	150.7	158.0	165.5	174.4	187.1	206.5	224.2	237.2
Metal doors, sash, trim	113.0	124.5	147.3	162.5	171.3	188.7	207.6	229.6	255.2	278.8	290.5
Concrete ingredients	112.6	131.2	148.7	172.3	186.7	199.0	217.7	244.0	274.0	296.3	310.0
Concrete products	112.2	131.7	151.7	170.5	180.1	191.8	214.0	244.1	273.9	291.2	297.8
Structural clay products	109.9	123.3	135.2	151.2	163.5	179.8	197.2	217.9	231.5	249.8	260.8
Gypsum products	99.7	120.9	137.6	144.0	154.4	183.5	229.1	252.3	256.3	256.2	256.1
Asphalt roofing	102.7	135.5	196.0	225.9	238.3	253.0	292.0	325.3	396.8	407.5	398.4
Insulation materials	123.2	137.4	156.5	196.2	212.6	235.9	250.7	256.3	287.9	(NA)	356.6

NA Not available.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes,* monthly and annual.

No. 1321. Value of New Construction Put in Place: 1970 to 1982

[**In millions of dollars, except percent.** Represents value of construction put in place during year; differs from building permit and construction contract data in timing and coverage. Includes installed cost of normal building service equipment and selected types of industrial production equipment (largely site fabricated). Excludes cost of shipbuilding, land, and most types of machinery and equipment. For methodology, see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series N 1-29 and N 66-69]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total	**95,204**	**139,221**	**135,941**	**151,084**	**173,829**	**205,561**	**230,413**	**230,712**	**239,418**	**232,049**
Average annual percent change [1]	5.2	10.0	−2.4	11.1	15.1	18.3	12.1	.1	3.8	−3.1
Private	**67,114**	**100,886**	**95,057**	**111,961**	**135,655**	**159,665**	**181,621**	**175,699**	**186,069**	**180,979**
Percent of total	70.5	72.5	69.9	74.1	78.0	77.7	78.8	76.2	77.7	78.0
Residential buildings (incl. farm)	31,864	50,376	46,472	60,520	80,956	93,424	99,030	87,261	86,566	74,810
New housing units	24,272	40,644	34,408	47,277	65,749	75,808	78,587	63,139	62,664	51,916
Structures with—										
1 unit	14,754	26,293	27,423	40,049	55,271	62,385	60,790	45,662	44,401	35,663
2 or more units	9,518	14,351	6,986	7,228	10,478	13,422	17,798	17,476	18,263	16,253
Additions, alterations	6,234	8,045	10,925	12,308	14,209	16,349	18,236	21,125	20,025	18,673
Nonhousekeeping	1,358	1,687	1,139	935	998	1,267	2,206	2,997	3,876	4,221
Nonresidential buildings [2]	21,412	29,637	26,407	26,091	26,695	36,293	47,298	52,434	60,818	65,134
Industrial	6,537	7,902	6,018	7,183	7,712	10,994	14,950	13,837	17,030	17,343
Office	9,753	6,118	4,973	4,763	5,269	6,574	9,461	13,318	17,473	23,049
Other commercial		9,826	7,833	7,993	9,514	11,991	15,463	16,627	16,775	14,236
Hospital and institutional	2,529	3,201	3,209	3,396	3,290	3,347	3,530	4,046	4,907	5,875
Religious	929	918	867	956	1,046	1,248	1,548	1,637	1,665	1,543
Educational	864	655	567	660	660	729	906	1,175	1,171	1,356
Other nonresidential	800	1,017	939	1,140	1,203	1,410	1,540	1,794	1,798	1,733
Public utilities	11,017	16,624	17,379	20,301	20,272	23,455	28,253	29,480	32,609	34,796
Telephone, telegraph	2,968	4,279	3,683	3,777	4,345	5,418	6,343	6,733	7,074	7,110
Other public utilities	8,049	12,345	13,696	16,524	15,926	18,037	21,910	22,747	25,534	27,686
Electric light, power [3]	5,807	9,246	9,888	11,777	12,432	14,384	17,480	17,647	19,827	22,067
Gas	1,654	1,739	1,350	1,280	1,560	1,929	2,650	3,035	3,631	3,928
Railroads	304	575	514	580	737	1,190	1,189	1,256	1,334	1,314
Petroleum pipelines	284	785	1,944	2,887	1,197	534	591	809	742	377
Farm (nonresidential)	1,875	3,249	3,731	3,971	4,431	5,209	5,588	5,274	4,809	4,987
All other private	946	1,000	1,068	1,077	1,301	1,283	1,452	1,250	1,268	1,252
Public	**28,090**	**38,334**	**40,884**	**39,123**	**38,174**	**45,896**	**48,792**	**55,013**	**53,349**	**51,070**
Percent of total	29.5	27.5	30.1	25.9	22.0	22.3	21.2	23.8	22.3	22.0
Buildings	10,656	14,990	15,474	13,759	12,799	15,241	15,558	18,517	17,792	16,997
Educational	5,619	7,310	7,760	6,342	5,459	6,264	6,903	8,050	6,737	5,927
Hospital	838	1,238	1,745	1,670	1,733	1,822	1,648	1,785	2,083	1,991
Industrial	498	766	918	905	1,070	1,184	1,112	1,441	1,655	1,632
Housing, redevelopment	1,106	1,006	754	720	908	1,053	1,211	1,648	1,722	1,658
Other public buildings	2,594	4,670	4,296	3,922	3,629	4,919	4,684	5,593	5,595	5,789
Highways and streets	9,982	12,065	10,854	9,743	9,380	10,706	11,997	13,770	13,599	13,521
Conservation, development	1,907	2,741	3,257	3,742	3,862	4,457	4,587	5,090	5,300	5,027
Military facilities	717	1,185	1,389	1,630	1,429	1,502	1,647	1,880	1,964	2,205
Other public construction	4,827	7,352	9,911	10,248	10,704	13,989	15,002	15,755	14,693	13,320
Sewer systems	1,543	2,661	4,801	5,341	5,374	6,765	7,298	7,171	5,935	5,529
Water supply facilities	1,093	1,381	1,765	1,631	1,810	2,661	2,490	3,266	3,004	2,902
Miscellaneous	2,192	3,290	3,345	3,276	3,520	4,563	5,215	5,318	5,754	4,889
Public ownership:										
State and local government	24,798	33,042	34,566	32,106	30,855	37,497	40,227	45,372	42,935	40,834
Buildings	9,753	13,467	13,580	11,631	10,501	12,764	13,215	15,699	14,641	14,012
Highways and streets	9,728	11,808	10,547	9,404	8,984	10,285	11,468	13,314	12,848	12,774
Conservation, development	540	495	618	903	774	597	673	821	896	908
Other	4,777	7,252	9,821	10,167	10,595	13,851	14,872	15,538	14,550	13,139
Federal government	3,293	5,293	6,318	7,017	7,320	8,398	8,564	9,641	10,413	10,236
Conservation, development	1,367	2,246	2,638	2,839	3,088	3,860	3,915	4,270	4,404	4,119
Buildings	903	1,504	1,894	2,128	2,298	2,477	2,343	2,818	3,151	2,986
Military facilities	717	1,185	1,389	1,630	1,429	1,502	1,647	1,860	1,964	2,205
Misc. (incl. highways and streets)	305	357	397	420	505	559	659	673	894	927

[1] Change from prior year shown; for 1970, change from 1965. Minus sign (−) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Excludes building by privately owned public utilities. [3] Includes construction with Rural Electrification Administration (REA) funds.

Source: U.S. Bureau of the Census, *Construction Reports*, series C30.

No. 1322. Value of New Construction Put in Place in Constant (1977) Dollars: 1970 to 1982

[In millions of dollars, except percent. For details on derivation of constant values and description of revised series, see source. For description of nature of revisions and deflators used, see *Construction Reports*, series C30-80S]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
New construction	167,618	170,289	152,198	163,457	173,395	181,987	178,951	161,038	157,587	150,581
Private	118,405	126,032	108,556	122,083	135,299	141,171	141,354	123,559	122,446	116,913
Percent of total	70.6	74.0	71.3	74.7	78.0	77.6	79.0	76.7	77.7	77.6
Residential buildings [1]	57,581	66,393	56,074	67,737	80,689	81,226	75,958	60,911	55,893	47,230
New housing units	43,873	53,596	41,506	52,884	65,472	65,891	60,268	44,080	40,484	32,776
Structures with—										
1 unit	26,656	34,593	33,051	44,797	55,016	54,223	46,630	31,858	28,686	22,524
2 or more units	17,217	19,003	8,455	8,087	10,456	11,668	13,638	12,223	11,798	10,253
Additions, alterations	11,252	10,563	13,190	13,805	14,218	14,231	14,003	14,739	12,911	11,790
Nonhousekeeping	2,456	2,233	1,378	1,049	1,000	1,104	1,687	2,092	2,497	2,664
Nonresidential buildings [2]	35,692	33,379	28,011	27,642	28,640	32,224	36,064	35,444	39,356	41,867
Industrial	10,895	8,878	8,506	7,612	7,698	9,734	11,425	9,360	11,018	11,147
Office	16,255	6,904	5,273	5,046	5,263	5,838	7,205	8,995	11,305	14,816
Other commercial		11,061	8,310	8,468	9,466	10,651	11,766	11,242	10,858	9,149
Hospital, institutional	4,217	3,616	3,404	3,597	3,290	2,991	2,702	2,734	3,176	3,776
Religious	1,550	1,034	920	1,013	1,044	1,107	1,180	1,106	1,078	992
Educational	1,442	741	601	699	659	649	614	793	758	872
Other nonresidential	1,334	1,145	996	1,207	1,199	1,255	1,172	1,214	1,164	1,114
Public utilities	20,328	21,420	19,376	21,365	20,249	21,927	23,943	22,792	23,248	23,775
Telephone, telegraph	5,050	5,283	4,181	3,954	4,340	5,136	5,436	5,243	5,117	4,908
Other public utilities	15,278	16,136	15,195	17,412	15,909	16,792	18,508	17,549	18,131	18,867
Electric light, power [3]	11,146	12,177	11,143	12,553	12,414	13,539	14,913	13,830	14,247	15,066
Gas	3,065	2,277	1,448	1,305	1,558	1,721	2,189	2,266	2,491	2,668
Railroads	541	671	547	609	734	1,060	917	849	882	877
Petroleum pipelines	526	1,013	2,057	2,945	1,203	472	489	604	511	256
Farm (nonresidential)	3,126	3,663	3,959	4,207	4,425	4,640	4,268	3,562	3,111	3,205
All other private	1,678	1,177	1,137	1,131	1,296	1,155	1,121	849	838	836
Public	49,213	44,258	43,642	41,374	38,097	40,816	37,597	37,539	35,141	33,668
Percent of total	29.4	26.0	28.7	25.3	22.0	22.4	21.0	23.3	22.3	22.4
Buildings	17,922	17,101	16,530	14,630	12,788	13,550	11,895	12,540	11,515	10,908
Educational	9,367	8,262	8,235	6,724	5,453	5,569	5,273	5,432	4,361	3,810
Hospital	1,399	1,397	1,852	1,981	1,734	1,630	1,261	1,205	1,348	1,280
Industrial	831	864	973	960	1,069	1,058	852	974	1,071	1,049
Housing, redevelopment	1,999	1,324	910	808	909	911	929	1,150	1,112	1,047
Other public buildings	4,325	5,254	4,559	4,157	3,624	4,382	3,580	3,779	3,621	3,722
Highways and streets	17,670	13,285	11,146	10,291	9,332	9,215	8,585	8,462	8,633	9,127
Conservation, development	3,406	3,439	3,603	3,914	3,855	4,104	3,821	3,821	3,666	3,329
Military facilities	1,243	1,360	1,489	1,734	1,431	1,331	1,248	1,251	1,271	1,438
Other public construction	8,972	9,073	10,874	10,805	10,690	12,616	12,047	11,465	10,057	8,867
Sewer systems	2,992	3,412	5,379	5,669	5,366	6,146	5,971	5,409	4,163	3,659
Water supply facilities	2,074	1,787	1,935	1,697	1,808	2,395	2,048	2,456	2,090	1,947
Miscellaneous	3,906	3,874	3,559	3,439	3,516	4,076	4,029	3,601	3,804	3,262

[1] Including farm. [2] Excludes building by privately owned public utilities. [3] Includes construction with Rural Electrification Administration (REA) funds.

Source: U.S. Bureau of the Census, *Construction Reports*, series C30.

No. 1323. Value of Privately Owned Nonresidential Building Projects, by Construction Status, 1974 to 1982, and by Type of Project, 1982

[In billions of dollars]

CONSTRUCTION STATUS	1974	1975	1976	1977	1978	1979	1980	1981	1982				
									Total	Industrial	Office building	Other commercial	Other [1]
Value of projects—													
Started	27.7	20.1	23.6	29.3	38.7	49.0	48.3	65.8	54.4	11.6	19.4	12.9	10.5
Completed	26.9	26.0	25.9	27.7	31.7	40.1	48.4	52.7	55.7	14.9	17.0	15.0	8.7
Under construction at year end	46.1	41.9	41.9	44.6	55.2	68.3	73.5	82.6	98.1	30.1	37.0	12.2	18.7

[1] Privately owned religious, educational, hospital and institutional, and miscellaneous nonresidential building projects.

Source: U.S. Bureau of the Census, *Construction Reports*, series C30.

No. 1324. Construction Contracts—Value of Construction and Floor Space of Buildings, by Class of Construction: 1970 to 1982

[Includes new structures and *additions*, and major alterations to existing structures which affect only valuation, since no additional floor area is created by "alteration." See also *Historical Statistics, Colonial Times to 1970*, series N 78-100]

YEAR	Total	Residential buildings	Nonresidential buildings								Nonbuilding construction
			Total	Commercial [1]	Manufacturing	Educational [2]	Hospital	Public buildings	Religious	Social and recreational [3]	
VALUE (bil. dol.)											
1970	68.3	24.8	24.6	9.1	3.7	5.3	2.8	1.0	.6	2.1	19.0
1971	80.2	34.7	25.5	9.6	2.6	5.6	3.2	1.5	.6	2.4	19.9
1972	91.2	45.4	27.1	11.5	3.0	4.8	3.5	1.5	.6	2.2	18.7
1973	99.3	45.7	31.4	12.8	4.8	5.1	3.3	2.0	.7	2.7	22.1
1974	93.7	33.6	33.2	11.8	5.6	6.3	3.8	2.1	.8	2.8	27.0
1975	92.7	31.3	31.6	9.2	6.8	5.9	3.7	2.1	.8	3.1	29.8
1976	110.1	44.2	30.0	10.2	4.5	4.9	4.5	2.1	.9	3.0	35.9
1977	139.7	62.0	35.1	13.6	5.4	5.2	4.5	2.3	1.0	3.3	42.6
1978	159.9	74.9	45.0	20.6	9.2	5.7	3.8	1.5	1.2	3.0	39.9
1979	168.4	74.6	50.2	24.4	7.6	6.3	4.8	1.6	1.3	4.1	43.7
1980	148.4	63.7	52.5	24.8	8.4	6.8	5.3	1.6	1.2	4.4	32.2
1981	153.5	60.2	60.1	31.7	8.6	5.8	6.4	1.4	1.2	4.9	33.2
1982	154.6	58.1	59.2	28.0	9.3	6.1	7.9	1.9	1.3	4.8	37.3
FLOOR SPACE (mil. sq. ft.)											
1970	2,938	1,781	1,157	530	212	195	75	29	27	89	(X)
1971	3,437	2,279	1,156	552	175	189	76	40	26	98	(X)
1972	4,082	2,823	1,260	647	211	157	84	38	27	96	(X)
1973	4,013	2,574	1,439	717	293	156	76	49	28	120	(X)
1974	2,938	1,657	1,282	594	246	176	75	47	27	117	(X)
1975	2,390	1,441	949	409	146	152	63	46	28	105	(X)
1976	2,819	1,867	952	440	152	118	71	42	31	99	(X)
1977	3,536	2,440	1,096	564	175	112	66	43	32	105	(X)
1978	4,101	2,815	1,286	758	219	104	53	22	35	96	(X)
1979	3,905	2,528	1,377	816	243	102	57	20	34	106	(X)
1980	3,092	1,892	1,200	688	216	95	54	18	28	101	(X)
1981	2,797	1,620	1,177	733	187	74	60	14	25	85	(X)
1982	2,406	1,464	942	569	116	74	71	19	25	67	(X)

X Not applicable. [1] Includes nonindustrial warehouses. [2] Includes science. [3] Includes miscellaneous.

No. 1325. Construction Contracts—Value, by States: 1979 to 1982

[**In millions of dollars.** See headnote, table 1324. Represents value of construction in States in which work was actually done]

STATE	1979	1980	1981	1982			STATE	1979	1980	1981	1982		
				Total (incl. nonbldg.)	Residential	Nonresidential					Total (incl. nonbldg.)	Residential	Nonresidential
U.S.	**168,446**	**148,393**	**153,480**	**154,619**	**58,076**	**59,208**	Mo	3,065	2,613	2,496	2,375	1,023	975
							Mont	569	395	2,031	633	178	133
Ala	2,543	1,918	1,880	2,008	843	660	Nebr	1,043	890	763	1,032	254	230
Alaska	626	706	1,153	1,521	515	492	Nev	1,193	1,167	1,253	1,090	598	314
Ariz	3,553	3,137	3,117	3,803	1,631	1,094	N.H	549	477	547	531	263	161
Ark	1,728	1,324	1,269	1,569	643	296	N.J	3,613	3,790	3,569	3,688	1,378	1,599
Calif	18,159	17,688	17,254	15,390	5,969	7,148	N. Mex	1,060	1,371	1,398	1,329	399	477
Colo	3,197	2,791	4,419	4,122	1,655	1,564	N.Y	5,405	5,860	6,457	7,077	1,973	2,702
Conn	1,564	1,440	1,837	1,640	618	768	N.C	5,852	3,471	3,354	3,379	1,761	1,071
Del	323	305	554	372	156	132	N. Dak	601	456	516	3,092	183	2,297
D.C	580	510	967	811	73	651	Ohio	6,233	5,221	4,820	4,772	1,426	2,276
Fla	12,176	12,847	12,124	10,818	5,107	3,745	Okla	2,895	2,300	2,803	3,118	1,597	1,095
Ga	3,673	3,939	3,820	4,956	2,074	1,188	Oreg	2,495	1,926	2,038	1,383	469	554
Hawaii	1,006	1,216	927	945	355	394	Pa	4,626	5,246	4,910	4,463	1,493	1,758
Idaho	675	635	722	510	175	166	R.I	397	322	363	251	130	87
Ill	7,009	5,313	4,781	4,734	1,413	2,036	S.C	4,827	2,522	2,124	2,229	969	841
Ind	3,442	2,775	2,952	2,910	802	1,119	S. Dak	551	421	351	765	110	66
Iowa	2,404	1,540	1,264	1,285	432	357	Tenn	4,886	2,789	2,520	2,579	1,132	928
Kans	1,828	1,867	1,268	1,353	567	440	Tex	13,104	13,611	17,654	16,898	8,212	6,743
Ky	3,033	2,185	3,432	2,650	856	644	Utah	1,440	1,116	1,804	3,288	431	402
La	3,542	3,270	3,826	5,730	1,328	2,939	Vt	311	258	251	363	116	80
Maine	485	538	428	499	210	133	Va	4,044	3,451	3,426	3,571	1,578	1,325
Md	2,592	3,062	2,508	2,994	1,305	1,073	Wash	5,696	4,795	3,588	3,438	1,044	1,351
Mass	2,638	2,712	3,262	2,870	1,048	1,298	W. Va	1,226	855	719	762	229	256
Mich	5,257	4,174	3,258	2,486	856	1,150	Wis	2,945	2,269	2,095	1,826	660	632
Minn	3,299	2,746	2,658	2,870	1,094	946	Wyo	595	644	601	731	201	182
Miss	3,895	1,561	1,347	1,111	540	241							

Source of tables 1324 and 1325: F. W. Dodge Division, McGraw-Hill Information Systems Company, New York, N.Y. Figures reported currently in *Dodge Construction Potentials*.

No. 1326. Value of Private Construction Authorized by Building Permits: 1973 to 1982

[In billions of dollars. "14,000 and 16,000 place" series are based on U.S. total of approximately 14,000 and 16,000 places identified in 1972 and 1978, respectively, with local building permit systems]

Type of construction	14,000 places						16,000 places				
	1973	1974	1975	1976	1977	1978	1978	1979	1980	1981	1982
Total	**61.9**	**50.9**	**47.4**	**64.2**	**82.9**	**96.6**	**101.6**	**107.4**	**102.1**	**103.7**	**98.5**
New housing units	33.7	23.5	23.9	35.5	50.0	55.4	58.9	56.3	47.2	41.9	40.5
In structures with—											
1 unit	20.7	16.8	19.8	29.0	40.0	43.2	46.3	42.6	33.1	28.7	27.4
2–4 units	1.7	1.0	1.1	1.8	2.6	3.0	3.1	3.3	3.3	3.2	2.7
5 units or more	11.3	5.7	3.0	4.7	7.4	9.3	9.6	10.4	10.8	10.0	10.4
New nonhousekeeping residential buildings	1.7	.9	.7	1.8	1.0	1.3	1.3	1.6	1.6	2.0	2.6
New nonresidential buildings	20.9	20.5	16.2	19.2	23.7	30.8	32.2	38.3	34.8	39.3	34.8
Industrial buildings	4.5	4.5	3.0	3.9	5.5	7.4	7.8	9.3	8.0	7.9	6.1
Office buildings	4.1	3.9	3.0	3.1	4.3	6.6	6.8	9.1	9.9	14.6	12.9
Stores and other mercantile	4.8	4.3	3.4	4.3	5.7	7.3	7.6	9.0	6.7	6.2	5.5
Hospitals and other institutional	1.9	2.0	2.0	2.4	2.0	2.1	2.1	2.3	1.6	1.7	2.0
All other nonresidential	5.6	5.8	4.8	5.4	6.1	7.4	7.9	8.7	8.7	8.9	8.3
Additions and alterations	5.6	6.0	6.6	7.7	8.2	9.1	9.2	11.2	18.5	20.5	20.6

Source: U.S. Bureau of the Census. In U.S. Department of Commerce, Bureau of Industrial Economics, *Construction Review.*

No. 1327. New Privately Owned Housing Units Authorized by States: 1980 to 1982

[Based on about 16,000 places in U.S. having building permit systems]

State	Housing units (1,000)			Valuation (mil. dol.)			State	Housing units (1,000)			Valuation (mil. dol.)		
	1980	1981	1982	1980	1981	1982		1980	1981	1982	1980	1981	1982
U.S.	**1,190.6**	**985.5**	**1,000.5**	**47,156**	**41,910**	**40,492**	Mo	13.6	9.9	11.5	459	361	436
Ala	15.9	9.9	8.7	388	282	229	Mont	2.3	1.9	2.0	71	68	71
Alaska	2.2	4.5	8.2	155	340	529	Nebr	6.7	3.8	3.6	208	138	128
Ariz	36.7	33.4	36.5	1,244	1,202	1,231	Nev	11.8	10.3	8.1	458	371	293
Ark	8.2	4.6	6.3	270	162	196	N.H	5.3	4.4	4.5	198	189	177
Calif	144.4	104.2	85.0	7,788	6,350	5,003	N.J	22.3	20.7	21.3	985	1,005	992
Colo	30.1	29.4	31.8	1,154	1,351	1,303	N. Mex	8.7	8.0	8.6	330	324	346
Conn	10.1	9.3	10.3	412	399	436	N.Y	24.5	26.2	25.0	926	1,049	1,097
Del	2.9	2.3	3.0	90	81	100	N.C	35.5	34.1	33.1	1,176	1,155	1,136
D.C	2.7	1.0	.4	82	42	12	N. Dak	3.1	2.2	2.8	115	83	105
Fla	174.2	146.2	103.8	6,471	5,807	4,052	Ohio	31.2	21.8	16.6	1,283	960	725
Ga	34.8	30.0	38.7	1,166	1,018	1,387	Okla	17.7	15.0	28.7	810	775	1,249
Hawaii	10.3	6.3	5.7	640	426	309	Oreg	19.3	12.9	7.5	828	588	347
Idaho	5.8	3.4	2.5	219	154	119	Pa	30.0	24.3	22.2	1,118	956	880
Ill	25.2	16.4	19.0	1,087	775	910	R.I	2.9	3.1	2.6	90	98	81
Ind	20.9	13.9	12.5	768	541	465	S.C	22.3	18.9	18.0	747	704	652
Iowa	8.7	5.6	5.3	312	221	196	S. Dak	3.1	1.5	1.2	97	50	42
Kans	10.9	8.2	8.6	435	362	350	Tenn	19.4	11.7	14.8	611	398	483
Ky	10.2	7.6	7.5	351	269	249	Texas	127.5	135.8	201.2	4,851	5,252	6,903
La	20.5	19.6	20.3	682	674	671	Utah	10.5	8.7	7.5	389	439	338
Maine	3.4	2.5	3.1	113	93	116	Vt	2.9	2.6	2.2	98	92	89
Md	20.0	17.0	21.0	811	727	913	Va	37.3	29.7	29.9	1,322	1,102	1,219
Mass	16.5	16.7	15.4	634	712	720	Wash	33.0	24.4	17.6	1,373	1,160	860
Mich	29.0	18.8	14.2	1,164	817	587	W. Va	3.3	2.4	1.8	108	77	58
Minn	21.3	17.3	18.8	974	840	909	Wis	18.2	14.2	12.3	690	551	481
Miss	9.4	5.5	6.2	255	168	190	Wyo	3.8	4.1	2.9	149	152	121

Source: U.S. Bureau of the Census, *Construction Reports*, series C40, annual.

No. 1328. New Housing Units Started: 1960 to 1983

[Minus sign (−) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series N 156–159]

Year	Total (1,000)	Percent change	Privately owned (1,000)		Publicly owned (1,000)	Year and month	Total (1,000)	Percent change	Privately owned (1,000)		Publicly owned (1,000)
			Total	1-unit structures					Total	1-unit structures	
1960	1,296	[1] −16.6	1,252	995	44	1974	1,353	−34.4	1,338	888	15
1961	1,365	5.3	1,313	974	52	1975	1,171	−13.4	1,160	892	11
1962	1,492	9.3	1,463	991	30	1976	1,548	32.2	1,538	1,162	10
1963	1,635	9.6	1,603	1,012	32	1977	2,002	29.8	1,987	1,451	15
1964	1,561	−4.5	1,529	970	32	1978	2,036	1.7	2,020	1,433	16
1965	1,510	−3.3	1,473	964	37	1979	1,760	−13.6	1,745	1,194	15
1966	1,196	−20.8	1,165	779	31	1980	1,313	−25.4	1,292	852	20
1967	1,322	10.5	1,292	844	30	1981	1,100	−16.2	1,084	705	16
1968	1,545	16.9	1,508	899	38	1982	1,072	−2.6	1,062	663	10
1969	1,500	−2.9	1,467	811	33	1982, Jan.-Aug.[2]	(NA)	(NA)	974	606	(NA)
1970	1,469	−2.1	1,434	813	35	1983, Jan.-Aug.[2 3]	(NA)	(NA)	1,732	1,089	(NA)
1971	2,085	41.9	2,052	1,151	32						
1972	2,379	14.1	2,357	1,309	22						
1973	2,057	−13.5	2,045	1,132	12						

NA Not available. [1] Change from 1959. [2] Seasonally adjusted annual rate. [3] Preliminary.

Source: U.S. Bureau of the Census, *Construction Reports*, series C20.

No. 1329. New Housing Units Started—Selected Characteristics: 1970 to 1982

[**In thousands.** For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series N 156–163 and 170]

CHARACTERISTIC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total housing units started	**1,469**	**2,085**	**2,379**	**2,057**	**1,353**	**1,171**	**1,548**	**2,002**	**2,036**	**1,760**	**1,313**	**1,100**	**1,072**
Publicly owned units	35	32	22	12	15	11	10	15	16	15	20	16	10
Privately owned units [1]	1,434	2,052	2,357	2,045	1,338	1,160	1,538	1,987	2,020	1,745	1,292	1,084	1,062
With FHA aid [2]	*421*	*528*	*371*	*163*	*95*	*98*	*144*	*178*	*178*	*178*	*177*	*145*	*152*
With VA aid [2]	61	94	104	86	73	77	100	131	127	122	95	75	73
1 unit structures	813	1,151	1,309	1,132	888	892	1,162	1,451	1,433	1,194	852	705	663
2–4 unit structures	85	120	141	118	68	64	86	122	125	122	110	91	80
5 or more unit structures	*536*	*781*	*906*	*795*	*382*	*204*	*289*	*414*	*462*	*429*	*331*	*288*	*320*
Northeast	218	264	330	277	183	149	169	202	200	178	125	117	117
North Central	294	434	443	440	317	294	400	465	451	349	218	165	149
South	612	869	1,057	899	553	442	569	783	824	748	643	562	591
West	*311*	*486*	*527*	*429*	*285*	*275*	*400*	*538*	*545*	*471*	*306*	*240*	*205*
Inside SMSA's [3]	1,018	1,502	1,720	1,495	923	760	1,044	1,377	1,432	1,241	914	760	785
Outside SMSA's [3]	416	550	636	550	415	400	494	610	588	505	379	324	277
Condominium units [4]	(NA)	(NA)	(NA)	241	176	65	94	118	155	199	185	181	170
Single-family units	(NA)	(NA)	(NA)	69	46	20	30	41	42	43	35	36	40
Multifamily units	(NA)	(NA)	(NA)	172	130	45	64	77	113	156	150	145	130
Mobile home [5] shipments to dealers	**401**	**497**	**576**	**567**	**329**	**213**	**246**	**277**	**276**	**277**	**222**	**241**	**239**

NA Not available. [1] For 1970–1976, characteristics such as type of structure, region, and inside/outside SMSA's include data for publicly owned units. [2] Source: U.S. Department of Housing and Urban Development, *HUD Statistical Yearbook* and *unpublished data.* [3] *For definition of standard metropolitan statistical area (SMSA), see text, Appendix II. 1970–1975 based on* 1967 definitions as amended through 1974; thereafter, on 1974 definitions as amended through 1975. [4] *Type of ownership* under which the owners of the individual housing units are also joint owners of the common areas of the building or community, includes a small number of cooperatively-owned units. [5] See table No. 1335 for definition.

Source: Except as noted, U.S. Bureau of the Census, *Construction Reports*, series C20. Mobile home shipments data provided by Manufactured *Housing Institute through 1977*; thereafter, by the National Conference of States on Building Codes and Standards.

No. 1330. Characteristics of New Privately Owned One-Family Houses Completed: 1970 to 1982

[**Percent distribution, except as indicated.** Data beginning 1975 show percent distribution of characteristics for all houses *completed (includes new houses completed, houses built for sale completed, contractor-built and owner-built houses completed,* and houses completed for rent). Data for 1970 cover contractor-built, *owner-built, and houses for rent for year construction* started and houses sold for year of sale. Percents exclude houses for which characteristics specified were not reported]

CHARACTERISTIC	*1970*	*1975*	*1980*	*1981*	*1982*	CHARACTERISTIC	1970	1975	1980	1981	1982
Total houses (1,000)	793	875	957	819	632	**Bathrooms**	**100**	**100**	**100**	**100**	**100**
						1 or less	32	24	18	20	22
Financing	*100*	*100*	*100*	*100*	*100*	1½	20	17	10	10	11
Mortgage	84	82	81	80	77	2	32	40	48	46	45
FHA-insured	30	9	16	17	20	2½ or more	16	20	25	24	22
VA-guaranteed	7	8	8	7	7						
Conventional	47	58	55	52	45	**Foundation**	**100**	**100**	**100**	**100**	**100**
Farmers Home Administration		7	3	4	4	Full or partial basement	37	45	36	33	31
Cash or equivalent	16	18	18	21	23	Slab	36	35	45	47	49
						Crawl space	27	20	19	20	20
Floor area	**100**	**100**	**100**	**100**	**100**						
Under 1,200 sq. ft	36	*25*	21	24	*25*	**Heating fuel**	**100**	**100**	**100**	**100**	**100**
1,200–1,599 sq. ft	28	30	29	29	30	Electricity	28	49	50	50	50
1,600–1,999 sq. ft	16	34	22	20	19	Gas	62	40	41	41	40
2,000–2,399 sq. ft	21		13	12	11	Oil	8	9	3	2	3
2,400 sq. ft. and over		11	15	15	15	Other	1	2	5	7	8
Average (sq. ft.)	1,500	1,645	1,740	1,720	1,710						
Median (sq. ft.)	1,385	1,535	1,595	1,550	1,520	**Central air-conditioning**	**100**	**100**	**100**	**100**	**100**
						With	34	46	63	65	66
Number of stories	**100**	**100**	**100**	**100**	**100**	Without	66	54	37	35	34
1	74	*65*	60	61	61						
2 or more	17	23	31	32	33	**Parking facilities**	*100*	*100*	*100*	*100*	*100*
Split level	10	12	8	8	6	Garage	58	67	69	67	65
						Carport	17	9	7	8	8
Bedrooms	**100**	**100**	**100**	**100**	**100**	No garage or carport	25	24	24	25	27
2 or less	*13*	*14*	17	21	24						
3	63	65	63	60	58						
4 or more	24	21	20	20	18						

Source: U.S. Bureau of the Census and U.S. Dept. of Housing and Urban Development, *Construction Reports*, series C25, *Characteristics of New Housing* (a joint publication).

No. 1331. New Privately Owned One-Family Houses Sold, by Region and Type of Financing 1970 to 1982, and by Sales Price, 1982

[**In thousands.** Based on a national probability sample of monthly interviews with builders or owners of 1-family houses for which building permits have been issued or, for nonpermit areas, on which construction has started. For details, see source. For composition of regions, see fig. I, inside front cover]

Year and sales-price group	Number sold					Financing type			
	Total	Northeast	North Central	South	West	Conventional	FHA and VA	Farmers Home Administration	Cash
1970	485	61	100	203	121	[1] 213	244	([1])	27
1971	656	82	127	270	176	[1] 314	314	([1])	28
1972	718	96	130	305	187	[1] 447	242	([1])	30
1973	634	95	120	257	161	[1] 465	134	([1])	34
1974	519	69	103	207	139	[1] 378	112	([1])	28
1975	549	71	106	222	150	363	122	43	22
1976	646	72	128	247	199	458	134	23	31
1977	819	86	162	317	255	592	166	24	38
1978	817	78	145	331	262	575	174	26	43
1979	709	67	112	304	225	469	186	18	36
1980	545	50	81	267	145	302	196	14	32
1981	436	46	60	219	112	244	142	14	36
1982	**412**	**47**	**48**	**219**	**99**	**193**	**173**	**11**	**34**
Under $50,000	67	7	11	40	9	14	38	10	4
$50,000 to $59,999	68	6	8	40	15	23	41	(s)	5
$60,000 to $69,999	77	6	7	40	18	30	43	(s)	4
$70,000 to $79,999	53	6	5	28	14	23	26	(s)	4
$80,000 to $99,999	61	10	5	28	18	37	19	(s)	6
$100,000 to $119,999	26	4	3	12	7	19	4	(s)	3
$120,000 and over	60	8	9	25	18	47	4	(s)	9

S Estimate does not meet publication standards. [1] Houses financed by Farmers Home Administration included under conventional financing.

Source: U.S. Bureau of the Census and U.S. Dept. of Housing and Urban Development, *Construction Reports,* series C25, *Characteristics of New Housing,* annual, and *New One-Family Houses Sold and For Sale,* monthly.

No. 1332. Median Sales Price of New Privately Owned One-Family Houses Sold, by Region: 1965 to 1982

[**In dollars.** For definition of median, see Guide to Tabular Presentation. For composition of regions, see fig. I, inside front cover]

Year	U.S.	Northeast	North Central	South	West	Year	U.S.	Northeast	North Central	South	West
1965	20,000	21,500	21,600	17,500	21,600	1975	39,300	44,000	39,600	37,300	40,600
1967	22,700	25,400	25,100	19,400	24,100	1976	44,200	47,300	44,800	40,500	47,200
1968	24,700	27,700	27,400	21,500	25,100	1977	48,800	51,600	51,500	44,100	53,500
1969	25,600	31,600	27,600	22,800	25,300	1978	55,700	58,100	59,200	50,300	61,300
1970	23,400	30,300	24,400	20,300	24,000	1979	62,900	65,500	63,900	57,300	69,600
1971	25,200	30,600	27,200	22,500	25,500	1980	64,600	69,500	63,400	59,600	72,300
1972	27,600	31,400	29,300	25,800	27,500	1981	68,900	76,000	65,900	64,400	77,800
1973	32,500	37,100	32,900	30,900	32,400	1982 [1]	69,300	78,200	68,900	66,100	75,000
1974	35,900	40,100	36,100	34,500	35,800						

[1] 1983, U.S. total: 1st qtr., $73,300, 2d qtr., $75,400.

Source: U.S. Bureau of the Census and U.S. Dept. of Housing and Urban Development, *Construction Reports,* series C25, *Characteristics of New Housing,* annual, and *New One-Family Houses Sold and For Sale,* monthly.

No. 1333. Price Index of New One-Family Houses Sold, by Region: 1965 to 1982

[**1977 = 100.** Based on fixed proportions of ten characteristics of new houses sold in 1977. For composition of regions, see fig. I, inside front cover]

Year	U.S.	Northeast	North Central	South	West	Year	U.S.	Northeast	North Central	South	West
1965	44.4	43.5	45.5	48.1	41.0	1974	73.8	82.9	74.8	77.4	67.8
1966	46.2	46.4	48.1	50.4	42.3	1975	81.7	89.8	82.5	85.1	76.2
1967	47.5	48.1	50.0	51.2	42.7	1976	88.7	93.6	89.9	91.1	84.6
1968	50.0	52.9	53.3	53.4	43.7	1977	100.0	100.0	100.0	100.0	100.0
1969	53.8	57.5	58.2	56.9	47.7	1978	114.5	111.1	114.3	112.2	118.5
1970	55.3	61.5	58.2	58.7	48.8	1979	130.8	126.1	127.9	128.5	136.5
1971	58.3	65.6	60.4	63.3	50.3	1980	145.2	138.5	135.4	144.3	154.2
1972	62.1	70.4	64.2	67.2	53.5	1981	157.4	149.7	147.2	158.4	164.8
1973	67.5	76.1	69.2	71.7	60.1	1982 [1]	161.5	157.3	153.4	164.9	166.4

[1] 1983, U.S. total: 1st qtr., 164.2, 2d qtr., 163.6.

Source: U.S. Bureau of the Census, *Construction Reports,* series C27, quarterly.

No. 1334. Existing One-Family Houses Sold and Price, by Region: 1970 to 1982

[Based on data (adjusted and aggregated to regional and national totals) reported by participating real estate multiple listing services. For definition of median, see Guide to Tabular Presentation. For composition of regions, see fig. I, inside front cover]

REGION	Unit	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Houses sold, U.S	1,000	1,612	2,018	2,252	2,334	2,272	2,476	3,064	3,650	3,986	3,287	2,973	2,419	1,990
Northeast	1,000	251	311	361	367	354	370	439	515	516	526	403	353	354
North Central	1,000	501	583	630	674	645	701	881	1,101	1,144	1,061	806	632	490
South	1,000	568	735	788	847	839	862	1,033	1,231	1,416	1,353	1,092	917	760
West	1,000	292	389	473	446	434	543	712	803	911	887	672	516	366
Median sales price,														
U.S	$1,000	23.0	24.8	26.7	28.9	32.0	35.3	38.1	42.9	48.7	55.7	62.2	66.4	67.8
Northeast	$1,000	25.2	27.1	29.8	32.8	35.8	39.3	41.8	44.4	47.9	53.6	60.8	63.7	63.5
North Central	$1,000	20.1	22.1	23.9	25.3	27.7	30.1	32.9	36.7	42.2	47.8	51.9	54.3	55.1
South	$1,000	22.2	24.3	26.4	29.0	32.3	34.8	36.5	39.8	45.1	51.3	58.3	64.4	67.1
West	$1,000	24.3	26.5	28.4	31.0	34.8	39.6	46.1	57.3	66.7	77.4	89.3	96.2	98.9

Source: National Association of REALTORS®, Washington, D.C., *Existing Home Sales,* monthly. (Copyright.)

No. 1335. New Mobile Homes Placed for Residential Use and Average Sales Price, by Region: 1974 to 1982

[**Units in 1,000; average sales price in $1,000.** A mobile home is a moveable dwelling, 10 feet or more wide and 35 feet or more long, designed to be towed on its own chassis and without need of a permanent foundation. Excluded are travel trailers, motor homes, and modular housing. Based on a probability sample and subject to sampling variability; see source. For composition of regions, see fig. I, inside front cover]

REGION	Unit	1974 [1]	1975	1976	1977	1978	1979	1980	1981	1982 [1]
Units placed, U.S	1,000	332.0	229.3	249.6	257.5	279.9	279.9	233.7	229.2	236.0
Northeast	1,000	23.3	14.7	16.8	16.7	17.4	16.9	12.3	12.0	12.2
North Central	1,000	67.5	48.5	51.5	50.7	49.5	47.3	32.3	30.1	26.1
South	1,000	170.8	110.8	114.8	112.5	135.3	145.2	140.3	143.5	162.5
West	1,000	70.4	55.2	66.5	77.7	77.7	70.5	48.7	43.6	35.1
Average sales price, U.S.	$1,000	9.3	10.6	12.3	14.2	15.9	17.6	19.8	19.9	19.7
Northeast	$1,000	9.4	10.5	11.6	12.9	14.3	15.8	18.5	19.0	19.9
North Central	$1,000	9.3	10.7	11.6	13.5	15.1	16.1	18.6	18.9	20.0
South	$1,000	8.3	9.0	10.6	12.1	13.7	15.6	18.2	18.4	18.5
West	$1,000	11.6	13.6	16.0	18.1	20.6	23.1	25.4	25.6	24.7

[1] Preliminary.

Source: U.S. Bureau of the Census, *Construction Reports,* series C20.

No. 1336. Gross Housing Product—Summary: 1960 to 1982

[**In billions of dollars.** For definition of current and constant dollars, see Guide to Tabular Presentation]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
CURRENT DOLLARS												
Total value of housing output [1]	46.7	63.3	90.3	132.6	144.5	160.5	179.3	202.0	227.0	256.3	290.9	322.4
Percent of GNP [2]	9.2	9.2	9.1	9.2	9.3	9.3	9.3	9.3	9.4	9.7	9.8	10.5
Nonfarm housing	44.6	60.8	87.3	127.9	139.1	154.5	172.1	193.8	217.3	245.1	278.7	309.5
Owner-occupied	31.3	42.7	61.3	91.1	99.5	111.1	124.7	141.2	159.9	181.4	206.3	229.1
Tenant-occupied	13.3	18.2	26.0	36.8	39.5	43.4	47.4	52.6	57.4	63.7	72.4	80.4
Farm housing	2.1	2.5	3.0	4.7	5.4	6.0	7.3	8.2	9.8	11.1	12.2	12.9
Less: Intermediate goods and services consumed	*7.9*	*9.1*	*12.4*	*19.9*	*22.4*	*25.9*	*28.8*	*32.6*	*36.8*	*40.6*	*43.5*	*46.3*
Equals: Gross housing product	38.7	54.2	77.9	112.7	122.1	134.6	151.5	169.5	190.3	215.6	247.3	276.1
CONSTANT (1972) DOLLARS												
Total value of housing output [1]	62.0	76.6	98.1	119.9	123.8	130.1	136.5	143.5	149.6	154.8	161.5	166.4
Nonfarm housing	57.9	74.8	94.5	116.6	120.6	127.1	133.5	140.7	147.0	152.4	159.4	164.5
Owner-occupied	40.6	52.5	66.4	83.1	86.3	91.4	96.8	102.5	108.2	112.8	118.0	121.8
Tenant-occupied	17.2	22.3	28.1	33.5	34.3	35.7	36.8	38.2	38.8	39.6	41.4	42.7
Farm housing	4.1	3.9	3.7	3.3	3.2	3.1	3.0	2.8	2.6	2.4	2.1	1.9
Less: Intermediate goods and services consumed	*10.6*	*11.3*	*13.5*	*17.9*	*19.0*	*20.9*	*20.9*	*22.8*	*23.8*	*23.8*	*23.3*	*23.0*
Equals: Gross housing product	51.4	67.3	84.6	102.0	104.8	109.3	115.6	120.8	125.8	131.0	138.2	143.4

[1] Equals personal consumption expenditures (see text, pages 445–447) for housing, less expenditures for transient hotels, motels, clubs, schools, and other group housing. [2] GNP=Gross national product.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76,* and *Survey of Current Business,* July 1982 and July 1983.

No. 1337. Residential Capital—Stocks and Average Age: 1960 to 1982

[**As of Dec. 31.** Data based on fixed residential capital formation components of the gross national product. For nonresidential business capital, see table 911. See also *Historical Statistics, Colonial Times to 1970*, series F 528–534 and N 200–223]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
	CAPITAL IN CURRENT DOLLARS (bil. dol.)											
Gross stocks [1]	664	796	1,163	1,862	2,017	2,274	2,627	3,135	3,494	3,852	4,196	4,266
Private nonfarm: 1–4 units	552	651	931	1,446	1,567	1,771	2,052	2,455	2,735	3,013	3,282	3,332
5 or more units	46	69	122	239	259	292	336	402	452	502	552	566
Farm (1–4 units)	41	41	52	71	75	82	91	106	114	122	129	128
Private nonhousekeeping	5	7	10	14	14	16	18	20	22	23	25	25
Mobile homes	4	6	15	34	37	42	49	57	66	73	78	81
Public: Federal, State and local	12	17	26	46	49	54	62	73	81	90	99	101
Net stocks [1] [2]	416	514	754	1,224	1,319	1,484	1,716	2,048	2,281	2,505	2,717	2,744
Private nonfarm: 1–4 units	357	426	605	940	1,016	1,149	1,336	1,601	1,784	1,960	2,127	2,147
5 or more units	26	46	87	180	194	216	248	295	330	365	399	405
Farm (1–4 units)	18	18	22	29	31	34	38	44	47	51	53	53
Private nonhousekeeping	2	4	7	8	9	9	10	11	12	12	13	12
Mobile homes	3	4	10	23	24	27	30	34	38	41	43	43
Public: Federal, State and local	10	13	20	34	36	39	43	51	55	61	66	67
	CAPITAL IN CONSTANT (1972) DOLLARS (bil. dol.)											
Gross stocks [1]	941	1,102	1,262	1,446	1,474	1,511	1,556	1,602	1,644	1,679	1,711	1,737
Private nonfarm: 1–4 units	786	905	1,012	1,121	1,144	1,174	1,211	1,247	1,279	1,306	1,330	1,348
5 or more units	65	96	132	185	189	193	198	204	211	218	224	229
Farm (1–4 units)	59	58	56	55	54	54	54	54	53	53	52	52
Private nonhousekeeping	7	9	11	11	11	10	10	10	10	10	10	10
Mobile homes	3	6	14	27	28	30	32	34	36	38	39	40
Public: Federal, State and local	17	23	28	35	35	35	36	36	37	38	38	39
Net stocks [1] [2]	593	711	818	950	964	986	1,016	1,046	1,072	1,091	1,107	1,116
Private nonfarm: 1–4 units	508	591	657	729	742	762	788	814	835	850	862	868
5 or more units	37	64	95	140	142	143	146	150	154	158	161	164
Farm (1–4 units)	26	25	24	23	22	22	22	22	22	22	22	21
Private nonhousekeeping	3	6	7	6	6	6	6	6	6	5	5	5
Mobile homes	2	4	10	18	19	19	20	20	21	21	21	21
Public: Federal, State and local	14	18	21	26	26	25	25	25	25	25	26	26
	AVERAGE AGE [3] (years)											
Gross stocks [1]	28.1	26.6	25.9	24.8	24.9	24.9	24.7	24.6	24.6	24.6	24.8	25.0
Private nonfarm: 1–4 units	27.5	26.7	26.6	26.3	26.4	26.3	26.1	25.9	25.9	26.0	26.1	26.3
5 or more units	27.9	21.3	18.3	15.6	16.0	16.4	16.7	16.9	17.1	17.3	17.6	17.9
Farm (1–4 units)	45.0	45.5	45.9	46.0	46.0	46.0	45.8	45.6	45.4	45.4	45.5	45.5
Private nonhousekeeping	21.8	15.9	14.6	16.1	16.5	17.0	17.5	18.1	18.7	19.3	19.9	20.4
Mobile homes	4.7	5.0	4.7	4.9	5.4	5.8	6.2	6.4	6.7	7.1	7.4	7.7
Federal	15.1	15.7	19.6	17.7	18.9	20.2	21.0	21.7	22.7	23.1	23.5	23.8
State and local	9.8	11.7	13.2	15.0	15.7	16.5	17.2	17.8	18.4	18.9	19.3	19.9

[1] Includes other, not shown separately. [2] Based on straight-line depreciation. [3] Constant-dollar stocks.

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925–79, Survey of Current Business*, October 1982, and unpublished data.

No. 1338. Housing Units—Components of Inventory Change: 1973 to 1980

[**In thousands.** Refers to 243 standard metropolitan statistical areas (SMSA's) as defined in the 1970 census. For definition of SMSA, see text, Appendix II. For composition of regions, see fig. I, inside front cover. Based on Components of Inventory Change Survey]

METROPOLITAN AREA STATUS AND REGIONS	HOUSING UNITS			NET CHANGE 1973 TO 1980							
				1980 units added since 1973 through—				1973 units lost since 1973 through—			
	Total, 1980	Total, 1973	Same units 1973 and 1980	Total [1] added	New construction	House or mobile home [2] moved in	Conversion [3]	Total [4] lost	House or mobile home moved out [2]	Demolition of disaster
United States	89,292	77,246	70,725	17,714	13,119	2,784	541	5,667	2,170	1,808
Inside SMSA's	58,904	51,819	48,338	9,980	7,921	882	348	2,896	730	1,044
In central cities	25,836	24,471	22,451	3,017	2,104	111	191	1,651	131	709
Not in central cities	33,067	27,348	25,886	6,965	5,817	771	158	1,245	599	335
Outside SMSA's	30,388	25,427	22,388	7,732	5,197	1,902	192	2,771	1,441	764
Northeast	19,561	18,143	16,878	2,403	1,421	211	199	985	164	327
North Central	22,854	20,647	19,022	3,613	2,773	553	106	1,407	485	505
South	29,721	24,531	21,975	7,507	5,683	1,383	159	2,316	1,060	706
West	17,156	13,924	12,850	4,190	3,241	636	77	958	461	270

[1] Includes other sources such as units changed from nonresidential to residential use, from group quarters to housing units, from *rehabilitation, and miscellaneous* not shown separately. [2] Houses or mobile homes built in 1973 or earlier that were moved to their 1980 sites as additions and from their 1973 sites as losses. [3] Conversions from creation of two or more 1980 housing units from fewer 1973 housing units. [4] Includes other means such as from mergers, change to nonresidential use, demolition, and miscellaneous not shown separately.

Source: U.S. Bureau of the Census, *1980 Census of Housing, Supplementary Reports*, series HC80–S1–2.

NO. 1339. HOUSING UNITS—SUMMARY OF CHARACTERISTICS: 1960 TO 1981

[**In thousands, except as indicated.** As of **April,** except **1981** as of **fall.** For information on methodology, see Appendix III. For definition of median, see Guide to Tabular Presentation. For composition of regions, see fig. I, inside front cover]

CHARACTERISTIC	1960	1970	1980	1981				
				Total	Regions			
					North-east	North Central	South	West
All housing units	**58,326**	**68,672**	**88,411**	**91,561**	**19,817**	**23,655**	**30,226**	**17,862**
All year-round units	56,584	67,699	86,693	89,610	19,019	23,212	29,794	17,585
Occupied units	53,024	63,445	80,390	83,175	17,852	21,564	27,430	16,329
Owner occupied	32,797	39,886	51,795	54,342	10,946	15,140	18,491	9,765
Percent of all occupied	61.9	62.9	64.4	65.3	61.3	70.2	67.4	59.8
Renter occupied	20,227	23,560	28,595	28,833	6,906	6,424	8,939	6,564
Vacant year-round	3,560	4,254	6,303	6,435	1,167	1,648	2,364	1,256
For sale only	522	501	948	812	152	207	294	159
Homeowner vacancy rate	1.6	1.2	1.8	1.5	1.4	1.3	1.6	1.6
For rent	1,453	1,666	2,179	1,634	300	473	530	332
Rental vacancy rate	6.7	6.8	7.1	5.3	4.1	6.7	5.5	4.7
Other vacant	1,084	2,087	1,386	3,989	715	968	1,540	765
Vacant, seasonal and migratory	1,742	973	1,718	1,950	798	444	432	277
Cooperatives and condominiums:								
Owner occupied	(NA)	(NA)	(NA)	1,680	361	364	474	481
Cooperatives	(NA)	(NA)	(NA)	409	211	85	51	62
Condominiums	(NA)	(NA)	1,225	1,271	150	279	423	419
Vacant for sale only	(NA)	(NA)	(NA)	163	34	31	52	45
Public or subsidized housing: [1]								
Units in public housing project	(NA)	(NA)	(NA)	2,028	597	480	616	335
Private housing unit with government rent subsidy	(NA)	(NA)	(NA)	1,039	322	206	257	254
Units in structure [2]—								
1-unit	43,758	46,791	57,183	60,463	10,761	16,535	21,822	11,345
Percent of total units	77.3	69.1	65.9	67.5	56.6	71.2	73.2	64.5
2-4 units	7,552	9,007	9,682	11,036	3,756	2,859	2,393	2,028
5 or more units	6,238	9,829	15,478	14,240	4,149	3,078	3,810	3,203
Mobile home or trailer	787	2,073	4,416	3,871	352	740	1,769	1,010
Year structure built: [2]								
April 1970 or later	(X)	(X)	[3] 22,744	21,545	2,446	4,621	9,162	5,316
1960-March 1970	(X)	16,956	[4] 17,087	17,993	3,017	4,281	6,699	3,996
1950-1959	16,046	14,499	14,871	14,394	2,620	3,508	5,137	3,128
1940-1949	8,640	8,788	9,642	8,096	1,501	1,802	3,046	1,747
1939 or earlier	33,632	27,458	22,414	27,582	9,435	8,999	5,750	3,398
Percent built prior to 1940	57.7	40.6	25.8	30.8	49.6	38.8	19.3	19.3
Units with [2]—								
1-3 rooms	11,400	11,028	13,598	13,503	3,384	2,751	3,952	3,416
4 rooms	12,435	14,113	16,969	17,307	3,370	3,971	6,134	3,833
5 rooms	14,323	16,998	20,017	21,251	3,792	5,733	7,797	3,930
6 rooms	11,141	13,609	16,945	18,143	3,740	5,114	6,195	3,094
7 or more rooms	9,020	11,950	19,164	19,405	4,734	5,642	5,717	3,312
Median number of rooms	4.9	5.0	5.1	5.1	5.2	5.3	5.1	4.9
Persons per unit (median):								
Owner occupied	3.1	3.0	2.6	2.6	2.8	2.6	2.5	2.4
Renter occupied	2.6	2.3	2.0	2.0	1.9	1.9	2.1	2.0
Units lacking some or all plumbing facilities [2]	7,899	4,398	2,334	2,375	368	514	1,260	233
Percent	13.2	6.5	2.7	2.7	1.9	2.2	4.2	1.3
Percent of units with—								
Telephone [5]	78.5	87.0	93.0	91.3	92.1	93.5	88.9	91.6
Air conditioning [2]	12.4	36.7	55.0	57.1	45.5	58.2	76.4	35.8
Central system [2]	1.9	10.7	27.5	27.5	8.9	27.8	42.7	21.7
Public sewer [2]	(NA)	70.2	74.1	73.6	76.4	75.1	65.0	83.3
Public or private company water [1]	(NA)	81.7	83.6	84.0	86.1	80.4	80.7	92.3
Year householder moved into unit:								
April 1970 or later	(NA)	(NA)	(NA)	58,095	11,137	14,649	19,402	12,909
1965-March 1970	(NA)	(NA)	(NA)	7,730	1,873	2,018	2,586	1,253
1960-1964	(NA)	(NA)	(NA)	5,520	1,411	1,490	1,803	815
1950-1959	(NA)	(NA)	(NA)	6,864	1,975	1,915	2,081	894
1949 or earlier	(NA)	(NA)	(NA)	4,966	1,455	1,494	1,558	459

NA Not available. X Not applicable. [1] Refers to specified renter-occupied units. [2] For 1960, *all housing units, based* on a complete count, but tabulated on a 20-percent sample basis. For 1970 and 1980, all year-round units. For 1980, air conditioning based on occupied housing units. [3] January 1970 or later. [4] 1960 to 1969. [5] Occupied housing units.

Source: U.S. Bureau of the Census, *U.S. Census of Housing: 1960,* vol. I.; *1980 Census of Housing,* vol. I, chapters A and B; and *Current Housing Reports,* series H-150-81, Annual Housing Survey, part A.

No. 1340. Housing Units—Characteristics for Selected Cities: 1980

[As of **April**. Cities ranked by size of population enumerated as of April 1, 1980, except Honolulu, ranked by county population]

CITIES	Total housing units (1,000)	YEAR-ROUND HOUSING UNITS											
		Total (1,000)	Percent with—			Occupied housing units							
			Structure built		5 or more units in structure	Total (1,000)	Percent—			Median value (dol.) specified owner [1]	Median selected monthly owner costs [2] (dol.)	Median gross rent [3] (dol.) specified renter [4]
			1970 to March 1980	1939 or earlier			Owner occupied units	With 1.01 or more persons per room	Householder moved into unit 1979 to March *1980*			
New York, N.Y	2,946	2,941	7.3	49.4	64.5	2,789	23.4	8.2	17.1	52,220	441	248
Chicago, Ill	1,175	1,174	5.9	51.8	41.7	1,093	38.9	8.1	21.0	47,200	371	231
Los Angeles, Calif	1,189	1,189	13.6	22.7	40.9	1,135	40.3	13.0	25.6	96,100	420	262
Philadelphia, Pa	686	685	5.5	58.4	18.0	620	61.0	4.2	15.4	23,500	269	217
Houston, Tex	678	678	36.5	8.4	39.8	603	47.8	7.7	35.6	49,100	378	276
Detroit, Mich	471	471	3.2	45.6	18.7	433	57.9	4.8	18.6	20,900	320	216
Dallas, Tex	390	290	28.1	9.8	37.6	355	48.5	6.6	34.1	43,900	338	257
San Diego, Calif	342	342	32.8	13.0	29.2	321	49.1	5.9	33.8	89,800	416	274
Phoenix, Ariz	308	307	39.7	4.8	22.4	285	64.7	5.6	32.8	54,100	357	279
Baltimore, Md	303	302	5.8	50.3	20.7	281	47.2	5.0	18.8	28,700	293	214
San Antonio, Tex	278	278	25.9	14.1	20.8	259	59.5	10.5	26.4	27,300	263	209
Honolulu, Hawaii	252	251	35.2	8.4	41.5	230	49.9	15.5	27.4	129,500	494	315
Indianapolis, Ind	283	283	19.6	25.9	22.3	260	58.9	3.3	25.5	35,100	300	226
San Francisco, Calif	317	316	6.6	57.7	43.0	299	33.7	7.3	25.8	103,900	394	285
Memphis, Tenn	244	244	20.5	13.6	22.7	230	56.3	6.6	24.5	35,200	275	198
Washington, D.C	277	277	7.0	39.1	52.7	253	35.5	8.1	20.1	66,800	399	226
San Jose, Calif	217	217	39.1	7.3	18.6	210	62.1	6.8	30.7	98,100	478	325
Milwaukee, Wis	253	253	9.7	41.7	22.9	242	47.2	3.4	24.5	45,500	359	238
Cleveland, Ohio	240	239	4.4	57.7	22.0	218	48.2	3.3	20.2	30,400	307	195
Columbus, Ohio	237	237	24.0	24.4	26.6	217	48.8	2.7	30.4	41,300	333	225
Boston, Mass	241	241	7.2	63.0	42.8	218	27.2	5.2	25.9	36,000	407	251
New Orleans, La	*226*	*226*	*12.3*	*37.5*	*19.5*	*206*	*39.7*	*8.6*	*23.4*	*50,400*	*344*	*210*
Jacksonville, Fla	214	213	28.5	11.7	19.5	197	62.6	4.4	26.9	31,700	327	240
Seattle, Wash	230	230	10.0	40.3	33.3	219	51.0	2.8	27.2	65,100	331	251
Denver, Colo	228	228	19.7	29.4	36.6	212	50.2	3.3	33.3	62,000	379	242
Nashville-Davidson, Tenn	179	179	27.4	14.2	26.0	170	56.4	3.6	26.5	43,800	307	243
St. Louis, Mo	202	202	3.7	60.6	21.2	178	45.2	6.9	19.4	26,100	283	186
Kansas City, Mo	192	192	12.8	36.5	26.3	175	57.9	3.2	23.7	34,600	301	215
El Paso, Tex	134	134	34.6	11.2	25.0	128	59.2	12.4	29.0	39,000	281	196
Atlanta, Ga	179	179	12.5	21.0	39.6	163	41.3	6.3	26.0	31,800	335	195
Pittsburgh, Pa	179	179	4.8	63.3	25.2	166	51.2	2.8	18.2	31,500	292	216
Oklahoma City, Okla	177	177	27.0	16.0	19.7	160	63.2	3.5	29.5	40,100	320	239
Cincinnati, Ohio	173	173	9.3	46.3	38.1	158	38.5	4.7	27.1	40,800	332	190
Fort Worth, Tex	156	156	19.1	16.9	17.4	144	61.1	6.1	27.9	32,200	280	231
Minneapolis, Minn	169	169	9.2	56.9	34.2	162	49.2	2.0	28.5	52,600	355	227
Portland, Oreg	168	168	11.3	46.4	26.8	159	53.3	2.5	28.1	52,900	357	245
Long Beach, Calif	160	160	10.8	23.6	36.3	152	42.9	7.4	30.9	81,900	390	263
Tulsa, Okla	156	156	28.2	14.7	20.8	145	61.2	2.5	31.4	45,400	325	246
Buffalo, N.Y	156	156	2.7	73.0	14.4	141	44.5	2.1	21.4	22,300	290	196
Toledo, Ohio	143	143	14.2	41.8	18.1	133	63.3	2.2	21.7	37,800	329	227
Miami, Fla	146	145	20.6	16.3	45.6	134	34.1	19.9	26.2	47,500	318	227
Baton Rouge, La	84	84	24.6	10.5	25.5	79	54.0	5.6	28.5	52,200	309	239
Austin, Tex	147	146	41.5	8.1	32.8	134	45.9	5.4	42.6	47,300	393	265
Oakland, Calif	*150*	*150*	7.9	41.0	*32.2*	*142*	42.9	6.7	25.2	66,600	338	231
Albuquerque, N. Mex	133	133	41.2	6.1	22.9	124	60.8	4.3	33.5	55,100	358	236
Tucson, Ariz	137	136	34.0	7.5	23.4	125	59.8	5.9	33.6	50,300	307	244
Newark, N.J	121	121	6.3	47.4	48.0	111	21.1	12.3	20.7	31,500	424	214
Charlotte, N.C	124	124	27.2	10.5	23.6	118	54.7	4.0	28.0	45,800	352	245
Omaha, Nebr	125	125	12.3	33.7	23.6	118	61.3	2.6	22.8	34,400	334	213
Louisville, Ky	126	126	7.3	41.7	21.6	117	56.3	4.3	20.7	26,900	255	182
Birmingham, Ala	115	114	14.3	27.7	24.2	107	53.3	5.5	21.4	31,300	275	187
Wichita, Kans	117	117	20.6	19.8	17.1	110	59.7	3.2	30.3	40,800	316	244
Sacramento, Calif	123	123	23.4	19.4	22.0	113	56.4	4.4	29.2	54,600	296	213
Tampa, Fla	114	114	18.8	17.3	21.1	106	61.1	5.2	25.2	30,600	276	211
St. Paul, Minn	111	111	11.2	49.5	30.8	106	55.7	2.6	23.9	51,700	362	227
Norfolk, Va	95	95	15.1	21.0	23.9	88	43.9	5.1	30.0	39,100	349	231
Virginia Beach, Va	92	91	51.2	2.5	17.4	85	64.2	2.0	33.3	58,500	454	311
Rochester, N.Y	103	103	8.0	62.7	23.0	95	46.1	2.7	27.0	25,600	340	221

[1] "Specified owner-occupied" housing units include one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. [2] "Specified owner with a mortgage". Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.). [3] "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are paid for by the renter (or paid for the renter by someone else) in addition to rent. [4] "Specified renter-occupied" housing units include renter-occupied units except one-family houses on 10 or more acres.

Source: U.S. Bureau of the Census, *1980 Census of Housing*, vol. 1, chapters A and B (HC80-1-A and HC80-1-B).

No. 1341. Housing Units—

[As of April 1. House heating fuel based on provisional

STATE	Total housing units (1,000)	YEAR-ROUND HOUSING UNITS										
		Total (1,000)	Percent with—							Occupied housing units		
			Structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	Total (1,000)	Percent—	
			1970 to March 1980	1939 or earlier							Owner occupied units	With 1.01 or more persons per room
U.S	**88,411**	**86,759**	**25.9**	**26.1**	**17.5**	**83.8**	**74.4**	**68.8**	**54.8**	**80,390**	**64.4**	**4.5**
Ala	1,467	1,451	30.9	16.3	9.1	79.9	53.2	63.8	70.7	1,342	70.1	5.4
Alaska	163	154	52.7	4.7	22.1	70.0	68.0	80.2	.9	131	58.3	10.1
Ariz	1,111	1,072	48.6	5.6	16.3	95.2	81.2	84.8	71.1	957	68.3	7.2
Ark	899	889	32.9	17.3	7.2	74.2	57.9	60.3	71.3	816	70.5	5.2
Calif	9,279	9,223	27.2	14.7	24.0	95.6	89.5	82.9	40.1	8,630	55.9	7.4
Colo	1,194	1,170	39.1	18.0	21.4	91.9	87.2	91.4	30.7	1,061	64.5	2.8
Conn	1,159	1,145	18.1	32.0	17.5	78.6	68.3	90.8	46.5	1,094	63.9	2.6
Del	239	230	25.7	20.8	16.7	76.8	74.8	87.9	64.6	207	69.1	2.6
D.C	277	277	7.0	39.1	52.7	99.9	99.3	92.3	67.1	253	35.5	8.1
Fla	4,379	4,279	43.9	6.7	23.7	86.4	71.9	77.0	84.0	3,744	68.3	5.3
Ga	2,028	2,014	33.3	14.7	14.0	78.7	60.3	70.0	66.0	1,872	65.0	5.3
Hawaii	334	332	38.9	10.5	38.1	98.5	81.5	8.0	18.1	294	51.7	15.3
Idaho	375	360	38.4	21.9	8.8	72.6	63.7	76.8	32.1	324	72.0	4.5
Ill	4,320	4,304	19.4	34.7	22.3	89.1	84.9	92.3	66.3	4,045	62.6	4.2
Ind	2,092	2,065	22.0	32.1	10.8	72.4	65.9	88.7	58.6	1,927	71.7	3.1
Iowa	1,131	1,121	20.5	44.4	10.2	78.2	74.1	91.8	66.0	1,053	71.8	2.1
Kans	955	951	22.7	33.6	9.7	86.8	79.1	86.4	78.4	872	70.2	2.4
Ky	1,369	1,355	28.7	24.7	10.1	74.1	54.3	73.6	61.7	1,263	70.0	4.7
La	1,548	1,537	30.8	15.9	11.1	86.4	71.7	66.8	82.2	1,412	65.5	7.1
Maine	501	428	23.2	47.5	10.0	61.0	50.0	76.4	10.6	395	70.9	3.1
Md	1,571	1,550	23.6	22.4	22.4	82.8	79.6	90.8	70.1	1,461	62.0	3.1
Mass	2,208	2,141	15.4	47.3	20.5	93.6	73.9	89.5	36.9	2,033	57.5	2.6
Mich	3,590	3,451	22.1	27.6	12.5	72.5	71.4	91.2	34.3	3,195	72.7	3.1
Minn	1,613	1,530	25.2	33.3	17.3	74.3	74.8	90.6	48.7	1,445	71.7	2.3
Miss	912	905	32.5	15.6	8.0	81.7	56.5	54.4	69.9	827	71.0	8.0
Mo	1,989	1,963	23.9	29.4	11.4	82.6	72.3	83.3	70.1	1,793	69.6	3.4
Mont	328	315	30.7	30.3	9.9	70.8	63.8	78.1	19.7	284	68.6	3.8
Nebr	625	619	23.8	38.9	12.3	81.5	79.7	89.5	77.0	571	68.4	2.1
Nev	340	338	51.8	5.7	23.2	92.4	87.3	88.9	69.9	304	59.6	4.7
N.H	386	349	27.5	39.0	14.3	66.1	52.3	81.6	24.3	323	67.6	2.4
N.J	2,772	2,690	16.1	33.4	20.9	89.5	86.5	94.0	64.7	2,549	62.0	3.5
N. Mex	508	493	36.5	11.8	12.2	84.1	73.3	74.3	60.0	441	66.1	6.6
N.Y	6,868	6,706	11.9	43.3	35.8	89.3	78.7	93.2	41.1	6,340	48.6	4.9
N.C	2,275	2,224	32.0	17.3	8.5	59.5	46.8	70.0	59.6	2,043	68.4	4.5
N. Dak	259	253	30.9	34.9	14.3	76.2	72.2	90.6	40.2	228	68.7	2.7
Ohio	4,108	4,078	20.0	32.8	14.1	81.4	76.2	91.5	47.4	3,834	68.4	2.5
Okla	1,237	1,230	30.0	20.2	10.1	86.0	73.9	73.3	61.5	1,119	70.7	3.7
Oreg	1,083	1,072	34.2	20.6	15.1	81.0	68.6	77.4	18.8	992	65.1	2.9
Pa	4,596	4,513	16.4	44.8	12.2	80.1	74.5	91.4	41.4	4,220	69.9	2.4
R.I	373	363	16.1	43.0	16.4	90.5	68.4	86.4	31.6	339	58.8	2.5
S.C	1,154	1,123	34.4	15.2	9.4	72.4	53.1	67.2	68.0	1,030	70.2	6.0
S. Dak	277	270	26.6	40.7	11.2	76.0	70.5	84.5	58.1	243	69.3	3.6
Tenn	1,747	1,737	31.1	16.7	11.5	81.5	56.4	69.5	74.0	1,619	68.6	4.4
Tex	5,549	5,485	35.2	12.2	18.4	90.5	81.3	70.1	83.2	4,929	64.3	7.2
Utah	490	481	37.7	18.8	12.5	96.3	87.7	92.1	48.8	449	70.7	5.8
Vt	223	196	24.4	46.9	9.4	57.9	46.7	74.7	9.6	178	68.7	2.5
Va	2,021	2,000	30.9	17.7	16.2	73.5	65.8	79.2	64.8	1,863	65.6	3.4
Wash	1,689	1,652	32.0	21.3	17.2	86.7	67.7	87.0	14.8	1,541	65.6	2.9
W. Va	748	737	24.9	34.2	6.2	70.3	51.7	70.7	38.5	686	73.6	4.1
Wis	1,864	1,756	23.1	36.6	12.3	69.7	71.9	90.1	37.4	1,652	68.2	2.4
Wyo	188	182	40.4	22.6	10.0	81.3	78.1	86.1	19.8	166	69.2	4.2

[1] Represents housing units that do not have all three specified plumbing facilities (hot and cold piped water, a flush toilet, and a bathtub or shower) inside the unit for the exclusive use of the occupants. [2] "Specified owner-occupied" housing units include one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude *owner-occupied condominium housing units*, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. [3] Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.).

SELECTED CHARACTERISTICS, BY STATES: 1980

data from the Early National Sample; see text, p. 2 and Appendix III]

YEAR-ROUND HOUSING UNITS												
Occupied housing units												
Percent						Median value (dollars) specified owner [2]	Median selected monthly owner costs [3] (dollars) specified owner [2]		Median gross rent [4] (dollars) specified renter [5]	Vacancy rate		STATE
Lacking complete plumbing for exclusive use [1]	Householder moved into unit 1979 to March 1980	1 or more vehicles available	House heating fuel				With a mortgage	Not mortgaged		Homeowner	Rental	
			Utility gas	Electricity	Fuel oil, kerosene, etc.							
2.2	**22.8**	**87.2**	**53.1**	**18.4**	**18.2**	**47,200**	**365**	**129**	**243**	**1.8**	**7.1**	**U.S.**
4.2	20.8	88.2	47.7	25.9	.5	33,900	295	104	188	1.6	8.3	Ala.
10.4	38.6	86.3	35.7	14.4	38.3	76,300	640	160	368	3.6	15.4	Alaska.
2.1	32.5	93.2	56.8	34.2	.2	54,800	365	109	263	2.8	11.6	Ariz.
4.2	23.1	88.9	57.9	15.6	.1	31,100	280	96	185	1.6	8.8	Ark.
1.2	28.0	89.9	78.7	15.3	.3	84,500	411	98	283	2.3	5.1	Calif.
1.3	33.0	92.7	81.7	9.5	.6	64,100	422	125	252	3.0	8.8	Colo.
1.3	18.1	89.2	21.6	10.7	63.8	65,600	434	205	261	1.2	4.7	Conn.
1.7	21.1	90.1	28.1	11.3	55.3	44,400	351	146	247	1.7	9.2	Del.
2.1	20.1	62.2	57.4	10.2	30.0	68,800	399	158	226	4.0	5.9	D.C.
1.1	26.8	88.9	11.3	60.5	11.3	45,100	337	101	256	2.4	9.8	Fla.
3.2	23.9	88.0	55.8	19.8	1.9	36,900	340	107	211	1.7	7.9	Ga.
2.2	26.8	89.6	4.1	4.5	.3	118,100	463	110	311	1.4	10.3	Hawaii.
1.4	28.8	94.7	26.7	39.1	16.3	45,800	332	102	219	2.3	11.4	Idaho.
1.7	20.6	84.1	80.7	8.4	5.3	52,800	405	152	246	1.8	6.9	Ill.
1.6	21.0	91.0	60.9	16.4	13.3	37,200	304	118	219	1.6	8.5	Ind.
1.7	20.6	91.7	64.8	8.3	11.0	40,600	348	133	225	1.6	7.3	Iowa.
1.2	24.0	92.9	78.5	9.2	.6	37,800	330	106	219	2.3	9.2	Kans.
6.5	21.2	87.3	50.7	23.2	6.6	34,200	298	103	198	1.4	8.1	Ky.
2.4	23.2	86.1	69.0	22.2	.1	43,000	313	96	214	1.5	8.1	La.
4.9	20.1	88.7	1.5	10.6	71.3	37,900	317	144	216	1.7	7.1	Maine.
1.9	20.6	86.5	46.0	13.8	36.1	58,300	413	149	266	1.5	5.5	Md.
1.5	18.2	83.5	32.8	9.6	54.0	48,400	424	225	255	1.0	5.1	Mass.
1.3	20.0	90.3	76.1	4.7	12.8	39,000	363	159	250	1.4	7.3	Mich.
2.1	21.8	90.2	59.3	7.0	22.5	53,100	375	132	236	1.5	5.8	Minn.
5.9	20.4	86.9	46.0	23.0	.2	31,400	284	98	180	1.3	8.2	Miss.
2.1	21.3	88.7	65.0	11.7	3.5	36,700	317	118	211	2.0	9.0	Mo.
2.3	27.8	92.7	60.9	14.6	6.7	46,500	347	109	200	1.9	11.0	Mont.
1.2	22.9	91.4	71.8	9.7	4.8	38,000	359	120	213	2.0	7.9	Nebr.
1.2	37.7	93.2	47.9	36.2	6.9	68,700	454	135	310	3.6	10.2	Nev.
2.5	22.0	91.1	11.8	13.4	59.8	48,000	408	189	251	1.7	6.1	N.H.
1.6	16.7	85.2	44.2	7.9	46.0	60,200	456	218	270	1.4	4.8	N.J.
3.6	29.5	92.5	74.4	8.1	.4	45,300	324	98	216	2.1	11.0	N. Mex.
2.5	17.1	67.5	39.3	5.1	51.9	45,600	430	196	249	1.2	4.1	N.Y.
4.1	20.6	89.2	16.0	29.3	40.1	36,000	320	111	205	1.5	7.8	N.C.
2.5	24.6	92.8	40.3	17.5	27.9	43,900	392	133	206	2.6	8.9	N. Dak.
1.7	20.2	89.3	71.0	13.0	10.8	44,900	347	133	224	1.5	7.7	Ohio.
1.4	26.4	92.2	69.5	16.3	.1	35,600	305	90	214	2.3	10.8	Okla.
1.4	29.8	91.1	22.5	43.8	18.8	56,900	371	125	257	2.0	7.4	Oreg.
1.8	15.8	83.4	48.9	10.3	34.6	39,100	336	141	225	1.4	6.8	Pa.
1.7	19.6	86.4	32.3	6.9	57.2	46,800	391	192	222	1.1	7.5	R.I.
4.1	20.6	87.9	25.8	31.1	24.5	35,100	312	112	206	1.6	8.9	S.C.
2.7	23.5	92.6	41.9	14.5	22.2	36,600	352	135	188	2.1	10.1	S. Dak.
3.7	22.0	88.5	28.5	49.1	3.9	35,600	299	103	203	1.7	7.9	Tenn.
1.9	29.1	92.2	63.4	25.9	.1	39,100	348	101	245	2.5	10.9	Tex.
.9	28.8	94.0	80.9	10.2	2.5	57,300	381	116	235	2.6	7.8	Utah.
2.7	21.6	89.7	6.0	10.1	61.0	42,200	336	164	226	1.5	6.2	Vt.
4.2	23.3	89.3	28.4	26.9	34.0	48,000	395	129	259	1.7	6.5	Va.
1.2	29.0	91.3	22.1	52.5	18.6	59,900	362	106	254	2.1	7.3	Wash.
5.7	18.0	86.3	59.4	18.3	10.0	38,500	290	93	195	1.3	7.2	W. Va.
1.9	20.7	89.5	57.2	6.1	25.8	48,600	381	158	234	1.3	5.0	Wis.
1.6	34.2	95.8	73.4	11.3	1.0	59,800	397	97	252	2.2	9.7	Wyo.

[4] "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are paid for by the renter (or paid for the renter by someone else) in addition to rent. [5] "Specified renter-occupied" housing units include renter-occupied units except one-family houses on 10 or more acres.

Source: U.S. Bureau of the Census, *1980 Census of Housing*, vol. 1, chapters A and B (HC80-1-A and HC80-1-B).

No. 1342. Occupied Housing Units—Selected Characteristics, by Race and Spanish Origin of Householder: 1980

[As of April 1]

Characteristic	All races	White	Black	American Indian, Eskimo, Aleut	Asian or Pacific Islander	Other races	Spanish origin [1]
Occupied units	**80,389,673**	**68,810,123**	**8,381,668**	**397,252**	**993,458**	**1,807,172**	**4,007,896**
Northeast	17,470,616	15,265,596	1,624,257	25,945	162,672	392,146	788,957
North Central	20,859,206	18,782,200	1,718,821	67,008	107,002	184,175	342,602
South	26,486,217	21,594,519	4,258,708	113,237	123,273	396,480	1,223,960
West	15,573,634	13,167,808	779,882	191,062	600,511	834,371	1,652,377
Owner occupied	51,794,545	46,670,775	3,724,251	212,209	521,230	666,080	1,738,920
Percent of total occupied	64.4	67.8	44.4	53.4	52.5	36.9	43.4
Renter occupied	28,595,128	22,139,348	4,657,417	185,043	472,228	1,141,092	2,268,976
Median:							
Value [2] (dol.)	47,200	48,600	27,200	35,400	82,900	44,200	44,700
Monthly owner costs: [2 3]							
With a mortgage (dol.)	366	371	307	320	498	320	333
Without a mortgage (dol.)	128	130	115	93	114	92	94
Gross rent [4] (dol.)	243	251	208	226	264	226	231
Household income in 1979 (dol.)	16,745	17,578	10,810	12,200	19,900	12,246	13,347
Percent of units—							
Lacking complete plumbing facilities	2.2	1.7	5.5	10.8	2.7	3.8	3.8
With structure built—							
1970 to March 1980	25.5	26.5	17.9	32.6	31.3	18.7	20.9
Prior to 1940	25.8	25.7	27.6	20.4	18.0	25.8	24.0
One unit in structure	67.0	69.1	54.7	63.5	53.5	47.2	51.9
Five or more units in structure	17.2	15.4	26.7	16.2	33.5	33.7	30.1
With no telephone	7.1	5.5	16.1	27.5	4.8	20.9	16.9
Lacking air conditioning	44.2	41.9	57.3	60.5	56.0	61.8	55.1
Lacking public sewer	25.6	27.6	13.7	33.3	8.7	9.0	11.0
With no vehicle	12.9	10.2	32.6	17.9	15.6	25.4	21.8
Householder moved into unit 1979 to March 1980	22.7	22.2	22.3	33.4	34.1	35.2	31.5

[1] Persons of Spanish origin may be of any race. [2] Specified owner-occupied housing units; see footnote 1, table 1347. [3] See footnote 3, table 1347. [4] Specified renter-occupied housing units; see footnote 4, table 1347.

Source: U.S. Bureau of the Census, *1980 Census of Housing*, vol. 1, chapters A and B (HC80-1-A1 and HC80-1-B1), and unpublished data.

No. 1343. Occupied Housing Units—Tenure, By Race and Plumbing Facilities: 1970 and 1981

[In thousands. See headnote, table 1339]

Tenure and race	Total occupied units	With all plumbing facilities				Lacking some or all plumbing			
		Total	Persons per room			Total	Persons per room		
			1.00 or less	1.01 to 1.50	1.51 or more		1.00 or less	1.01 to 1.50	1.51 or more
1970									
Occupied units, total	**63,450**	**59,677**	**55,213**	**3,436**	**1,028**	**3,773**	**3,026**	**367**	**380**
Owner occupied	39,885	38,076	35,726	1,932	418	1,809	1,497	170	142
White and other	37,317	35,894	33,864	1,699	331	1,423	1,209	117	97
Black	2,568	2,182	1,862	232	88	386	288	53	45
Renter occupied	23,565	21,601	19,487	1,504	610	1,964	1,529	197	238
White and other	19,952	18,644	17,123	1,110	411	1,308	1,094	107	107
Black	3,613	2,957	2,364	394	199	656	435	90	131
1981									
Occupied units, total	**83,175**	**81,416**	**78,312**	**2,314**	**792**	**1,759**	**1,565**	**87**	**107**
Owner occupied	54,342	53,555	52,146	1,094	317	787	692	49	45
White and other	50,431	49,853	48,689	910	255	578	521	27	30
Black	3,911	3,702	3,457	184	62	209	171	22	15
Renter occupied	28,833	27,860	26,166	1,220	475	973	873	38	62
White and other	23,734	23,092	21,855	871	366	642	592	15	35
Black	5,099	4,766	4,311	349	109	331	281	23	27

Source: U.S. Bureau of the Census, *Census of Housing: 1970* vol. 1; and *Current Housing Reports*, series H-150-81, Annual Housing Survey, part A.

No. 1344. Occupied Housing Units—Tenure, by Race of Householder: 1920 to 1981

[**In thousands, except as indicated.** As of **April 1.** Prior to 1960, excludes Alaska and Hawaii. Statistics on the number of occupied units are essentially comparable although identified by various terms—the term "family" applies to figures for 1920 and 1930; "occupied dwelling unit," 1940 and 1950; and "occupied housing unit," 1960 to 1981. For 1920, includes the small number of quasifamilies; for 1930, represents private families only. See also *Historical Statistics, Colonial Times to 1970,* series N 238-245]

RACE OF HOUSEHOLDER AND TENURE	1920	1930	1940	1950	1960	1970	1980	1981
ALL RACES								
Occupied units, total	24,352	29,905	34,855	42,826	53,024	63,445	80,390	83,175
Owner occupied	11,114	14,280	15,196	23,560	32,797	39,886	51,795	54,342
Percent of occupied	45.6	47.8	43.6	55.0	61.9	62.9	64.4	65.3
Renter occupied	13,238	15,624	19,659	19,266	20,227	23,560	28,595	28,833
WHITE								
Occupied units, total	21,826	26,983	31,561	39,044	47,880	56,606	68,810	72,391
Owner occupied	10,511	13,544	14,418	22,241	30,823	37,005	46,671	49,629
Percent of occupied	48.2	50.2	45.7	57.0	64.4	65.4	67.8	68.6
Renter occupied	11,315	13,439	17,143	16,803	17,057	19,601	22,139	22,762
BLACK AND OTHER								
Occupied units, total	2,526	2,922	3,293	3,783	5,144	6,839	11,580	10,784
Owner occupied	603	737	778	1,319	1,974	2,881	5,124	4,713
Percent of occupied	23.9	25.2	23.6	34.9	38.4	42.1	44.2	43.7
Renter occupied	1,923	2,185	2,516	2,464	3,170	3,959	6,456	6,071

Source: U.S. Bureau of the Census, *Census of Housing: 1960,* vol. 1; *1970,* vol. 1; *1980 Census of Housing,* vol. 1, chapter A (HC80-1-A); and *Current Housing Reports,* series H-150-81, Annual Housing Survey: 1981, part A.

No. 1345. Occupied Housing Units—Percent Home Ownership, by Region and Race of Householder: 1960 to 1981

[See headnote, table 1339. For composition of regions, see fig. I inside front cover]

REGION	1960		1970		1980		1981	
	White	Black [1]	White	Black	White	Black	White	Black
U.S. total	**64.4**	**38.4**	**65.4**	**41.6**	**67.8**	**44.4**	**68.6**	**43.4**
Northeast	58.1	27.0	60.4	28.6	63.3	31.1	65.1	30.5
North Central	69.1	35.8	70.2	42.0	71.6	44.1	73.0	44.5
South	66.4	41.6	68.2	46.9	70.7	50.5	71.3	49.2
West	62.5	44.6	60.2	40.1	62.9	40.0	62.0	37.6

[1] For 1960, represents Black and other races.

Source: U.S. Bureau of Census, *Census of Housing: 1960,* vol. 1; *1970,* vol. 1; and *1980 Census of Housing,* vol. 1, chapter A (HC80-1-A); and *Current Housing Reports,* series *H-150-81, Annual Housing Survey: 1981, part A.*

No. 1346. Occupied Housing Units—Selected Characteristics, by Tenure: 1960 to 1981

[**Percent distribution.** As of **April** except **1981,** as of **fall**]

CHARACTERISTIC	1960			1970			1980			1981		
	Total	Owner	Renter	Total	Owner	Renter	Total	Owner	Renter	Total	Owner	Renter
Rooms in unit:												
1-2 rooms	6	23	14	4	17	10	5	1	12	4	1	10
3-4 rooms	32		51	28		51	29	15	53	29	14	55
5 rooms	26	29	19	26	28	21	23	25	19	24	26	20
6 rooms	20	26	10	22	27	11	20	26	10	21	27	10
7 rooms or more	16	22	6	20	28	7	23	33	6	22	32	5
Units in structure:												
1 unit	76	94	48	74	94	38	70	93	31	73	94	34
2-4 units	13		25	14		29	12	4	24	12	4	26
5-9 units	11	6	9	4	6	11	18	3	45	15	2	40
10 units or more			18	8		22						
With all plumbing facilities	84	89	77	95	97	91	98	99	96	98	99	97
Year structure built:												
1975 or later	(X)	(X)	(X)	(X)	(X)	(X)	12	14	10	24	25	23
1970-1974	(X)	(X)	(X)	(X)	(X)	(X)	13	13	14			
1960-1969	(X)	(X)	(X)	24	26	19	20	20	20	21	21	20
1950-1959	27	34	16	19	24	12	18	19	15	16	19	11
1940-1949	15	16	13	14	14	13	11	10	13	9	9	8
1939 or earlier	58	50	71	43	36	56	26	24	28	30	26	38

X *Not applicable.*

Source: U.S. Bureau of the Census, *Census of Housing, 1960; 1970;* and *1980;* and *Current Housing Reports,* series H-150-81, Annual Housing Survey: 1981, part A.

No. 1347. Occupied Housing Units—Financial Summary: 1970 to 1981

[In thousands, except as indicated. See headnote, table 1339. For definition of median, see Guide to Tabular Presentation]

Characteristic	1970	1980	1981				
			Total	Regions			
				Northeast	North Central	South	West
Occupied units, total	**63,450**	**80,390**	**83,175**	**17,852**	**21,564**	**27,430**	**16,329**
Median income:							
Owner occupied (dol.)	9,700	19,800	21,800	23,400	21,500	19,400	24,900
Renter occupied (dol.)	6,300	10,500	11,400	11,500	10,500	11,400	12,000
Specified owner occupied [1]	31,891	39,470	43,293	8,662	12,125	14,626	7,881
With value of—							
Less than $20,000	19,739	4,777	2,914	461	833	1,511	107
$20,000–$24,999	4,674	2,494	1,644	286	559	701	97
$25,000–$34,999	4,436	5,511	4,861	860	1,608	2,149	243
$35,000–$49,999	2,045	8,496	9,463	1,992	2,963	3,715	793
$50,000 and over	996	18,192	24,410	5,061	6,161	6,549	6,639
Median—							
Value (dol.)	17,000	47,200	55,300	56,100	50,600	46,800	83,800
Real estate taxes [2] (dol.)	(NA)	460	498	990	567	217	517
Units monthly costs [3]—							
With mortgages (dol.)	(NA)	366	402	447	392	364	434
Owned clear (dol.)	(NA)	128	143	197	150	119	114
Specified renter occupied [4]	22,334	27,252	28,123	6,833	6,199	8,813	6,477
With gross rent of—							
Less than $80	5,466	1,080	1,043	198	247	422	176
$80–$99	3,701	651	710	171	144	266	130
$100–$119	3,332	818	935	174	257	323	182
$120–$149	3,772	1,678	1,094	268	253	405	168
$150–$199	3,304	4,219	3,332	779	865	1,112	576
$200–$299	1,194	10,023	8,850	2,297	2,278	2,510	1,765
$300 and over	265	7,516	10,832	2,709	1,854	3,012	3,257
No cash rent	1,300	1,267	1,326	239	301	561	225
Median rent (dol.)	108	243	270	273	250	258	306

NA Not available. [1] Includes only 1-family homes on less than 10 acres and no business on the property. [2] Taxes paid previous year. [3] Covers real estate taxes, property insurance, utilities, fuel, water, garbage and trash collection, and mortgage. [4] Excludes 1-family homes on 10 acres or more.

Source: U.S. Bureau of the Census, *Census of Housing, 1970,* and *1980,* vol. 1, and *Current Housing Reports,* H-150-81, Annual Housing Survey: 1981, part A.

No. 1348. Heating Equipment and Fuels for Occupied Units: 1950 to 1981

[In thousands, except percent]

Item	1950	1960	1970	1980	1981	Percent distribution				
						1950	1960	1970	1980	1981
Occupied units, total	**42,826**	**53,024**	**63,445**	**80,390**	**83,175**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Heating equipment:										
Warm air furnace	[1] 11,508	17,378	27,515	[2] 42,114	[2] 44,956	[1] 26.9	32.8	43.4	[2] 52.4	[2]54.0
Steam or hot water	10,071	11,990	13,211	13,859	13,803	23.5	22.6	20.8	17.2	16.6
Floor, wall, or pipeless furnace	([1])	6,088	5,552	4,693	6,345	([1])	11.5	8.8	5.8	7.6
Built-in electric units	–	664	3,236	6,370	6,246	–	1.3	5.1	7.9	7.5
Room heaters with flue	[3] 15,399	[3] 11,183	7,209	6,098	3,719	[3] 36.0	[3] 21.1	11.4	7.6	4.5
Room heaters without flue	5,268	5,218	3,558	2,736	2,911	12.3	9.8	5.6	3.4	3.5
Fireplaces, stoves, or heaters [4]	([3])	([3])	2,766	3,977	4,607	([3])	([3])	4.4	4.9	5.5
None	581	503	398	541	589	1.4	.9	.6	.7	.7
House heating fuel:										
Utility gas	11,387	22,851	35,014	42,658	46,083	26.6	43.1	55.2	53.1	55.4
Fuel oil, kerosene, etc	*9,686*	*17,158*	16,473	14,655	14,494	22.6	32.4	26.0	18.2	17.4
Electricity	283	933	4,876	14,768	15,486	.7	1.8	7.7	18.3	18.6
Bottled, tank, or LP gas	787	2,686	3,807	4,535	4,165	1.8	5.1	6.0	5.6	5.0
Wood and other fuel	4,855	2,460	1,060	2,729	1,986	11.3	4.6	1.7	3.4	2.4
Coal or coke	14,828	6,456	1,821	504	361	34.6	12.2	2.9	.6	.4
None	999	478	395	541	589	2.3	.9	.6	.7	.7
Cooking fuel:										
Electricity	6,403	16,351	25,768	41,906	(NA)	15.0	30.8	40.6	52.1	(NA)
Utility gas	22,084	27,296	31,244	32,375	(NA)	51.6	51.5	49.2	40.3	(NA)
Bottled, tank, or LP gas	*3,417*	6,491	5,314	5,569	(NA)	8.0	12.2	8.4	6.9	(NA)
Other fuel	10,796	2,603	908	398	(NA)	25.2	4.9	1.4	.5	(NA)
None	124	280	213	142	(NA)	.3	.5	.3	.2	(NA)

– Represents zero. NA Not available. [1] "Floor, wall, or pipeless furnace" included in "Warm air furnace." [2] Includes heat pumps. [3] "Fireplaces, stoves, or portable heaters" included in "Room heaters with flue." [4] Portable heaters.

Source: U.S. Bureau of the Census, *Census of Housing, 1960,* vol. 1, *1980,* vol. 1; and *Current Housing Reports,* series H-150, Annual Housing Survey, part A.

No. 1349. Appliances Used by Households, by Region and Family Income: 1981

[**In millions, except percent.** As of **November.** Represents appliances possessed and generally used by the household. See headnote, table 1350]

Type of appliance	Households using appliance		Region				Family income			
	Number	Percent of total	Northeast	North Central	South	West	Under $15,000	$15,000–$24,999	$25,000–$34,999	$35,000 and over
Total households	**83.1**	**100.0**	**17.9**	**21.2**	**27.7**	**16.3**	**34.9**	**21.5**	**13.3**	**12.6**
Air conditioners: Room [1]	24.4	31.8	7.0	7.4	9.6	2.4	11.6	7.4	4.3	2.9
Central system	22.0	26.4	1.7	5.5	11.6	3.2	6.4	5.5	4.3	5.8
Clothes washer	*61.2*	*73.7*	*12.5*	*16.5*	*20.4*	*11.8*	*19.9*	*16.3*	*11.2*	*11.0*
Clothes dryer	37.5	45.1	9.4	14.8	16.2	10.2	15.1	14.4	10.6	10.6
Dehumidifier	7.8	9.4	2.6	4.0	1.1	.2	1.6	2.2	2.0	2.0
Dishwasher	30.5	36.7	6.4	6.9	9.5	7.8	6.3	8.1	7.2	8.9
Freezer	31.9	38.3	5.0	9.8	11.9	5.2	11.6	8.7	6.0	5.6
Humidifier	10.8	13.0	2.5	6.4	1.4	.5	2.5	3.3	2.5	2.6
Microwave oven [2]	14.1	17.0	1.4	4.4	4.5	3.8	2.5	3.7	3.5	4.4
Range: Electric	45.2	54.4	7.8	11.0	16.7	9.6	17.2	12.1	7.8	8.1
Gas	38.2	46.0	10.2	10.5	10.9	6.7	18.5	9.4	5.6	4.8
Television set: Color	68.4	82.3	15.0	17.9	21.8	13.7	25.8	18.6	12.2	11.8
Black and white	39.5	47.5	9.6	10.7	12.9	6.4	16.8	10.0	6.6	6.1

[1] Includes small amounts of households that have both central air conditioners and room units. [2] Microwave is first or second most used oven.

No. 1350. Housing Units—Characteristics, by Primary Heating Fuel and Equipment: 1981

[**In millions.** As of **November.** Excludes Alaska and Hawaii. Covers year-round units only. For composition of regions, see fig. I, inside front cover. Based on Residential Energy Consumption Survey; see Appendix III]

Characteristic	Total *occupied* housing units [1]	Primary heating fuel					Primary heating equipment				
		Natural gas	Fuel oil, kerosene	Electricity	LPG [2]	Wood	*Warm air furnace with ducts*	*Steam or hot water system*	Room heaters [3]	*Floor, wall, or pipeless furnace*	*Built in electric units*
Total	**83.1**	**46.2**	**12.1**	**14.2**	**3.7**	**5.4**	**40.4**	**14.6**	**6.5**	**6.6**	**5.5**
Region:											
Northeast	17.9	7.0	7.9	1.5	.1	1.1	5.2	9.7	.4	.1	1.1
North Central	21.2	15.4	1.6	1.6	1.0	1.2	14.4	3.1	1.1	.8	1.0
South	27.7	13.0	2.2	7.7	2.1	2.2	12.8	1.3	4.6	2.3	1.7
West	16.3	10.8	.4	3.4	.4	.8	8.0	.6	.6	3.3	1.7
Type:											
Single-family detached	54.6	32.5	7.0	6.6	2.6	5.0	28.8	5.7	5.5	4.6	2.6
Single-family attached	3.0	1.7	.5	.7	–	–	1.5	.9	.1	.1	.1
2-4 unit building	9.3	5.6	1.7	1.8	–	.1	3.5	3.1	.8	.7	.7
5 or more unit building	12.0	5.1	2.3	4.3	–	–	3.3	4.9	.1	.9	2.1
Mobile home	4.2	1.3	.6	.8	1.1	.3	3.2	–	.1	.2	.1
Year house built:											
1939 or earlier	24.2	14.2	5.2	1.2	1.2	1.8	8.6	7.0	3.2	2.3	.6
1940 to 1949	6.9	4.4	1.2	.5	.2	.6	2.7	1.2	1.1	.9	.2
1950 to 1959	13.5	9.0	2.2	1.1	.3	.6	7.3	1.9	1.2	1.6	.5
1960 to 1969	16.1	9.6	2.2	2.7	.7	.8	8.5	3.0	.8	1.0	1.3
1970 to 1974	10.7	4.8	1.1	3.3	.7	.7	6.8	.9	.4	.1	1.2
1975 or later	11.7	4.1	.5	5.3	.6	1.0	6.5	.5	.2	.3	1.7
Heating (HDD) and cooling (CDD) degree day zones: [4]											
Less than 2,000 CDD and more than 7,000 HDD	8.8	4.1	1.9	.5	.4	1.6	4.3	1.9	.5	.4	.3
5,500–7,000 HDD	21.0	14.3	3.2	2.1	.5	.6	12.1	5.6	.6	.4	1.5
4,000–5,499 HDD	21.6	9.8	5.6	3.6	.6	1.5	9.6	6.4	.9	.6	1.9
Less than 4,000 HDD	19.5	12.2	.8	3.9	1.1	1.3	8.8	.5	2.2	4.1	1.4
More than 2,000 CDD and less than 4,000 HDD	12.2	5.8	.4	4.1	1.2	.3	5.6	.1	2.5	1.1	.4
Measured heated space of residence:											
Less than 600 sq. ft	7.2	3.2	1.1	1.8	.4	.3	1.5	1.9	.9	.7	1.0
600–999 sq. ft	21.8	10.8	3.4	4.7	1.1	1.4	7.6	4.4	2.4	3.0	2.2
1,000–1,599 sq. ft	25.2	14.4	2.9	4.5	1.4	1.8	13.0	3.1	2.5	2.3	1.4
1,600–1,999 sq. ft	10.6	6.7	1.4	1.3	.3	.6	6.6	1.6	.3	.5	.4
2,000–2,399 sq. ft	7.4	4.5	1.2	.8	.2	.7	4.8	1.3	.1	.1	.2
2,400–2,999 sq. ft	5.6	3.4	.9	.5	.2	.5	3.7	.9	.2	–	.2
3,000 sq. ft. or more	5.4	3.2	1.1	.6	.1	.2	3.3	1.5	–	–	.2

– Represents zero or rounds to zero. [1] Includes types of fuel and equipment not shown separately. [2] Liquid petroleum gas. [3] With or without flue. [4] See fig. 7.3, p. 227.

Source of tables 1349 and 1350: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Housing Characteristic, 1981*, August 1983.

NO. 1351. HOUSING UNITS—CHARACTERISTICS, BY SQUARE FOOTAGE OF FLOOR SPACE: 1981

[See headnote, table 1350]

CHARACTERISTIC	AVERAGE NUMBER OF SQUARE FEET PER HOUSEHOLD				HOUSEHOLDS BY MEASURED HEATED SQUARE FOOTAGE OF RESIDENCE (mil.)				
	Total		Heated		Total	Less than 1,000	1,000 to 1,599	1,600 to 2,399	2,400 and over
	Mean	Median	Mean	Median					
Total	**1,734**	**1,452**	**1,482**	**1,247**	**83.1**	**29.0**	**25.2**	**18.0**	**11.0**
Northeast	1,957	1,728	1,615	1,390	17.9	6.1	4.2	4.4	3.2
North Central	1,953	1,848	1,646	1,440	21.2	6.8	5.0	5.4	4.2
South	1,538	1,296	1,357	1,160	27.7	10.0	10.2	5.1	2.4
West	1,538	1,316	1,332	1,173	16.3	5.9	5.9	3.2	1.2
Single family detached	2,093	1,904	1,742	1,540	54.6	10.4	18.4	15.4	10.4
Single family attached	1,946	1,819	1,596	1,489	3.0	.5	1.2	.9	.3
2-4 unit building	1,126	915	1,054	900	9.3	5.7	2.4	1.0	.3
5 or more unit building	826	769	816	766	12.0	9.3	2.2	.5	-
Mobile home	880	826	872	826	4.2	3.1	1.0	.1	-
Year house built:									
1939 or earlier	1,831	1,591	1,502	1,259	24.2	8.6	7.1	4.9	3.5
1940-1949	1,608	1,303	1,394	1,177	6.9	2.6	2.3	1.1	.8
1950-1959	1,729	1,500	1,481	1,248	13.5	4.2	4.2	3.5	1.5
1960-1964	1,725	1,512	1,523	1,316	7.6	2.3	2.4	1.9	1.0
1965-1969	1,592	1,275	1,391	1,150	8.5	3.5	2.3	1.9	.9
1970-1974	1,688	1,295	1,465	1,152	10.7	4.1	3.2	1.8	1.6
1975-1978	1,790	1,500	1,573	1,320	7.7	2.4	2.4	1.8	1.2
1979 or later	1,721	1,457	1,492	1,317	4.0	1.3	1.2	1.0	.5

- Represents zero or rounds to zero.

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Housing Characteristics, 1981*, August 1983.

NO. 1352. LOW-RENT PUBLIC HOUSING UNITS, BY PROGRESS STAGE: 1960 TO 1982

[**In thousands.** As of **Dec. 31.** Housing for the elderly designed for persons 62 years old or over, disabled, or handicapped. *Includes Puerto Rico and Virgin Islands. Covers units subsidized by HUD under annual contributions contracts. See also Historical Statistics, Colonial Times to 1970*, series N 186-191]

YEAR AND PROGRAM	Total	Occupied units [1]	Under construction	Other [2]	YEAR AND PROGRAM	Total	Occupied units [1]	Under construction	Other [2]
1960	593.3	478.2	36.4	78.8	**1982**	1,432.2	1,231.4	66.7	134.1
Elderly	18.9	1.1	4.1	13.7	Elderly	392.0	328.4	27.7	35.9
1970	1,155.3	893.5	126.8	135.0	New construction	1,215.0	1,105.8	60.5	48.7
Elderly	249.4	143.4	65.7	40.3	Conventional [3]	927.3	855.8	33.7	37.8
1975	1,316.7	1,180.4	52.9	83.4	Turnkey [4]	287.7	250.0	26.8	10.9
Elderly	336.3	288.3	24.3	23.7	Acquistion [5]	39.4	26.5	.9	12.0
1980	1,321.1	1,195.6	20.9	104.6	Leased housing [6]	177.8	99.1	5.3	73.4
Elderly	358.3	317.7	11.5	29.1	New	54.1	37.5	3.2	13.4
1981	**1,404.0**	**1,229.3**	**51.5**	**123.2**					
Elderly	385.4	327.7	21.8	35.9					

[1] *Under management or available for occupancy.* [2] To be constructed or to go directly "under management" because no rehabilitation needed. [3] New housing constructed on the Local Housing Authority (LHA) site pursuant to a contract let by the LHA. [4] New housing purchased by the LHA from a private developer upon completion of construction pursuant to an earlier agreement. [5] Existing housing acquired by the LHA. [6] Existing housing leased by LHA from an owner under a contract permitting LHA to sub-lease the units.

Source: U.S. Dept. of Housing and Urban Development, unpublished data.

NO. 1353. NEW APARTMENTS COMPLETED AND RENTED IN 3 MONTHS: 1977 TO 1982

[1982 data are preliminary. Structures with 5 or more units, privately financed, nonsubsidized, unfurnished apartments. Based on sample and subject to sampling variability. For definition of median, see Guide to Tabular Presentation]

CHARACTERISTIC	NUMBER (1,000)						PERCENT RENTED IN 3 MONTHS					
	1977	1978	1979	1980	1981	1982	1977	1978	1979	1980	1981	1982
Total	**196**	**229**	**241**	**196**	**135**	**116**	**80**	**82**	**82**	**75**	**80**	**72**
Rent: Under $150	6.4	3.6	2.5				85	89	94			
$150-$174	14.5	13.1	6.1	6.9	2.5	1.4	75	82	96	82	78	92
$175-$199	30.4	25.2	15.1				84	81	85			
$200-$249	72.5	71.6	66.0	32.9	9.9	5.1	83	84	84	83	85	88
$250-$299	47.6	64.8	69.0	51.1	27.8	12.5	79	81	82	76	87	73
$300-$349				44.5	29.0	21.6				73	80	75
$350-$399	24.2	50.4	82.5	30.9	23.8	24.7	72	79	79	75	79	71
$400 or more				29.8	42.3	50.7				65	75	68
Bedrooms: Less than 2	87.8	112.6	119.1	93.7	65.7	57.1	83	84	80	76	79	70
2	100.6	107.8	113.3	95.1	63.0	53.0	78	80	86	76	81	73
3 or more	7.3	8.3	8.7	7.3	6.7	5.9	77	77	84	63	85	78

Source: U.S. Bureau of the Census, *Current Housing Reports*, series H-130, and unpublished data.

No. 1354. Vacancy Rates for Housing Units—Characteristics: 1975 to 1982

[**In percent.** Annual averages. Based on Current Population Survey and Quarterly Household Survey. Rate is relationship between vacant housing for rent or for sale and the total rental and homeowner supply, which comprises occupied units, units rented or sold and awaiting occupancy, and vacant units available for rent or sale. Data for 1975 are not entirely comparable with later years; see source. For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series N 249–258]

RENTAL UNITS	1975	1979	1980	1981	1982	HOMEOWNER UNITS	1975	1979	1980	1981	1982
Total rental units	6.0	5.4	5.4	5.0	5.3	**Total homeowner units**	1.2	1.2	1.4	1.4	1.5
Inside SMSA's	6.1	5.4	5.2	4.8	5.0	Inside SMSA's	1.3	1.1	1.3	1.4	1.5
Outside SMSA's	5.7	5.4	6.1	5.7	6.2	Outside SMSA's	1.1	1.2	1.4	1.3	1.5
Northeast	4.1	4.5	4.2	3.7	3.7	Northeast	1.0	1.0	1.1	1.1	1.0
North Central	5.7	5.7	6.0	5.9	6.3	North Central	1.0	1.2	1.6	1.4	1.6
South	7.7	6.1	6.0	5.4	5.8	South	1.5	1.1	1.3	1.3	1.6
West	6.2	5.3	5.2	5.1	5.4	West	1.5	1.3	1.6	1.7	1.9
Units in structure: 1 unit	3.6	3.2	3.4	3.3	3.6	Units in structure: 1 unit	1.0	1.0	1.2	1.1	1.2
2 or more	7.3	6.6	6.4	6.0	6.2	2 or more	5.4	3.7	4.3	5.4	6.1
5 or more	8.3	7.6	7.1	6.4	6.5	5 or more	14.4	6.6	8.7	10.8	12.2
Units with: 3 rooms or less	8.4	7.3	6.9	6.9	7.2	Units with: 3 rooms or less	3.5	3.0	3.5	3.5	3.9
4 rooms	5.8	5.2	5.2	4.8	5.0	4 rooms	2.1	1.4	1.7	2.0	2.4
5 rooms	4.6	4.1	4.3	3.8	4.0	5 rooms	1.1	1.1	1.2	1.4	1.4
6 rooms or more	3.3	3.4	3.8	3.2	3.5	6 rooms or more	1.0	1.1	1.3	1.1	1.2
Monthly rent: Less than $60	5.5	3.1	2.5	3.0	3.4	Value: Less than $10,000	1.4	1.1	1.5	1.8	2.3
$60–$79	5.7					$10,000–$19,999	1.0	1.5	.9		
$80–$99	4.6	4.1	3.4			$20,000–$24,999	.9	.7	.9	1.1	1.2
$100 or more	6.7	6.0	6.0	5.2	5.4	$25,000 or more	1.4	1.1	1.3		
Year built: 1960 or later	8.3	5.8	5.8	5.1	5.3	Year built: 1960 or later	2.2	1.4	1.8	1.6	1.8
1965 or later	9.0	6.1	6.2	5.3	5.6	1965 or later	2.7	1.7	2.1	1.8	2.1
1940–1959	4.8	4.8	4.7	4.9	5.2	1940–1959	.5	.6	.8	.8	.9
1939 or earlier	5.4	5.5	5.5	5.2	5.5	1939 or earlier	1.1	1.4	1.5	1.6	1.6
Plumbing: With all facilities	5.9	5.2	5.2	4.8	5.1	Plumbing: With all facilities	1.3	1.1	1.3	1.4	1.5
Lacking facilities	11.2	12.3	10.6	12.3	12.2	Lacking facilities	2.0	3.7	4.2	3.3	3.9

Source: U.S. Bureau of the Census, *Current Housing Reports*, series H-111.

No. 1355. Expenditures by Residential Property Owners for Improvements and Maintenance and Repairs: 1970 to 1982

[**In millions of dollars, except averages**]

YEAR AND TYPE OF EXPENDITURE	All properties	1-unit properties with owner occupant	Other properties	ADDITIONS AND ALTERATIONS			Major construction replacements	Maintenance and repairs
				Total	Residential	Other property		
1970: All properties [1]	14,770	9,469	5,301	6,246	4,950	1,296	2,629	5,895
Average per property	$297	$265	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1975: All properties [1]	25,239	15,684	9,556	10,997	8,815	2,182	4,484	9,758
Average per property	$459	$382	$685	$200	$160	$40	$82	$178
1978: All properties [1]	***37,461***	***24,189***	***13,272***	***16,458***	***12,156***	***4,302***	***8,094***	***12,909***
Average per property	$646	$562	$893	$284	$210	$74	$140	$222
1979: All properties [1]	42,231	28,280	13,951	18,285	12,922	5,363	8,996	14,950
Average per property	$712	$638	$954	$310	$219	$91	$153	$253
1980: All properties [1]	46,338	31,481	14,857	21,336	15,376	5,960	9,816	15,187
Average per property	$761	$698	$994	$355	$256	$99	$163	$253
1981: All properties [1]	46,351	30,201	16,150	20,414	15,111	5,303	9,915	16,022
Average per property	$758	$661	$1,047	$334	$247	$87	$162	$262
Heating and air-conditioning [2]	3,668	2,295	1,373	891	891	(NA)	2,028	750
Plumbing	4,418	2,323	2,095	710	710	(NA)	1,838	1,870
Roofing	4,926	3,339	1,587	(NA)	(NA)	(NA)	3,352	1,574
Painting	5,576	3,212	2,364	(NA)	(NA)	(NA)	(NA)	5,576
1982: All properties [1]	45,291	29,779	15,512	18,774	13,352	5,423	9,707	16,810
Average per property	$701	$630	$896	$291	$207	$84	$150	$260
Heating and air-conditioning [2]	3,230	2,041	1,189	687	687	(NA)	1,707	836
Plumbing	4,258	2,199	2,059	710	710	(NA)	1,748	1,799
Roofing	5,105	3,257	1,848	(NA)	(NA)	(NA)	3,780	1,324
Painting	5,734	3,194	2,540	(NA)	(NA)	(NA)	(NA)	5,734

NA Not available. [1] Includes types of expenditures not separately specified. [2] Central air-conditioning.

Source: U.S. Bureau of the Census, *Construction Reports*, series C50.

No. 1356. Recent Home Buyers—General Characteristics and Downpayments: 1976 to 1982

[As of October. Based on a sample survey; subject to sampling variability]

ITEM	Unit	1976	1977	1978	1979	1980	1981	1982
Median price of house purchased	Dollars	43,340	49,320	54,750	58,100	68,714	78,220	82,500
First-time buyers	Dollars	*37,670*	*43,160*	*46,700*	*50,800*	61,450	63,180	58,900
Repeat buyers [1]	Dollars	50,090	58,730	59,180	64,600	75,750	82,220	98,300
Average monthly mortgage payment	Dollars	329	361	384	449	599	694	732
Percent of income	Percent	24.0	25.0	26.0	28.2	32.4	35.5	33.0
Percent buying—								
New houses	Percent	15.1	12.8	14.4	17.8	22.4	25.2	23.2
Existing houses	Percent	84.9	87.2	85.6	82.2	77.6	74.8	76.8
Single-family houses	Percent	88.8	90.2	86.6	87.5	82.4	78.3	76.6
Multiple-family houses	Percent	4.8	6.2	7.6	5.3	5.5	6.9	6.5
Condominiums	Percent	6.4	3.6	5.6	6.8	12.1	13.4	16.9
For the first time	Percent	44.8	48.1	36.7	36.6	32.9	39.4	40.6
Average age of first-time buyers	Years	28.1	28.2	28.3	28.4	28.3	28.4	28.6
Average age of repeat buyers [1]	Years	35.9	37.9	35.5	34.7	36.4	36.4	37.1
Source of downpayment for—								
First-time buyer:								
Entirely from savings and investments	Percent	70.9	75.6	73.5	43.8	51.1	63.8	67.6
Help from relatives	Percent	20.4	14.3	8.7	32.6	32.6	17.0	11.3
Repeat buyers: [1]								
Entirely from savings and investments	Percent	21.2	25.8	19.2	14.8	27.7	22.6	27.5
Entirely from previous home sale	Percent	45.5	43.9	58.6	55.8	39.7	46.2	52.9
Downpayment to sales price	Percent	25.2	28.1	21.4	24.9	28.0	24.1	22.4
First-time buyers	Percent	18.0	19.2	12.4	17.6	20.5	19.4	15.1
Repeat buyers [1]	Percent	30.8	35.0	27.6	29.0	32.7	27.1	27.3

[1] Buyers who previously owned a home.

Source: Chicago Title Insurance Company, Chicago, Illinois, *The Guarantor*, bimonthly. (Copyright.)

No. 1357. Mortgage Status of Nonfarm Dwelling Units: 1940 to 1981

[**In millions, except percent.** Prior to 1960, excludes Alaska and Hawaii. For 1940 and 1950, mortgage data are for owner-occupied dwelling units in 1- to 4-dwelling unit structures without business; for 1960, properties with 1- to 4-dwelling units; for 1971-1981, properties with 1 housing unit. See also *Historical Statistics, Colonial Times to 1970*, series N 302-307]

ITEM	1940	1950	1960	1971	1974	1975	1976	1977	1978	1979	1980	1981
Owner occupied units	11.4	19.8	27.9	33.2	36.2	37.2	37.9	38.8	40.1	41.3	41.9	43.3
Reporting mortgage status	10.6	17.8	27.9	33.2	36.2	37.2	37.9	38.8	40.1	41.3	41.9	43.3
Mortgaged	4.8	7.8	15.8	20.1	23.0	23.4	24.1	24.9	25.6	26.4	27.1	27.9
Percent	45.3	44.0	56.8	60.6	63.5	63.0	63.5	64.2	63.9	64.0	64.6	64.5
Not mortgaged	5.8	10.0	12.0	13.1	13.2	13.8	13.8	13.9	14.5	14.9	14.9	15.4

Source: U.S. Bureau of the Census, *Census of Housing: 1950*, vol. I; *1960* and *1970*, vol. V; and *Current Housing Reports*, series *H-150, Annual Housing Survey, part C.*

No. 1358. Volume of Long-Term Mortgage Loans Originated, by Type of Property, 1970 to 1982, and by Lender, 1982

[**In billions of dollars.** Covers credit extended in primary mortgage markets for financing real estate acquisitions]

TYPE OF PROPERTY	1970	1975	1978	1979	1980	1981	1982, BY LENDER					
							Total [1]	Savings and loan	Commercial banks	Mortgage cos.	Fed. credit agencies	Mutual savings
Loans, total	**59.8**	**120.7**	**257.3**	**258.2**	**197.2**	**158.1**	**153.9**	**43.5**	**46.5**	**30.7**	**15.2**	**5.4**
1-4 unit family home	35.6	77.9	185.0	186.6	133.7	98.3	97.0	34.8	25.2	28.0	3.5	4.0
New units	12.6	24.6	58.0	60.5	49.1	37.3	30.6	10.7	6.2	10.4	2.2	.8
Existing units	23.0	53.3	127.0	126.1	84.6	61.0	66.4	24.1	19.0	17.6	1.3	3.2
Multifamily residential	8.8	10.7	16.5	15.8	12.5	12.0	11.4	3.2	1.6	.9	3.4	.6
New units	7.0	5.8	6.9	8.4	8.6	8.0	6.1	.7	.6	.1	3.3	.2
Existing units	1.8	4.9	9.6	7.4	3.9	4.0	5.3	2.5	1.0	.8	.1	.4
Non-residential	12.5	24.2	42.7	41.0	35.9	32.5	34.3	5.5	17.4	1.8	.3	.8
Farm properties	3.0	7.9	13.1	14.8	15.0	15.4	11.2	-	2.3	-	8.0	-

- Represents zero. [1] Includes life insurance companies and other lenders not shown separately.

Source: U.S. Dept. of Housing and Urban Development, *Survey of Mortgage Lending Activity, 1970-1979*, and monthly and quarterly press releases based on the Survey of Mortgage Lending Activity.

No. 1359. Characteristics of Conventional First Mortgage Loans for Purchase of Single-Family Homes: 1975 to 1983

[Annual averages, except as indicated. Refers to loans originated directly (rather than through correspondents) by savings and loan associations, mortgage companies, commercial banks, or mutual savings banks]

Loan characteristic	Unit	New homes						Existing homes					
		1975	1979	1980	1981	1982	1983, Aug.	1975	1979	1980	1981	1982	1983, Aug.
Contract interest rate	Percent	8.8	10.5	12.3	14.1	13.1	12.0	9.0	10.6	12.5	14.5	13.4	12.3
Initial fees, charges [1]	Percent	1.53	1.66	2.09	2.66	2.98	1.96	1.16	1.44	1.91	2.27	2.47	2.42
Term to maturity	Years	27.0	26.5	26.1	27.7	26.9	25.7	24.2	27.1	26.9	25.9	24.8	26.1
Loan to price ratio	Percent	76.2	73.8	73.2	74.8	75.2	73.3	73.5	74.0	73.5	72.9	72.3	73.4
Purchase price	$1,000	44.7	74.4	83.2	90.3	91.8	94.4	39.2	64.8	68.3	68.5	71.6	83.2

[1] Rate applies to any general or specific charges paid by borrower or seller, in order to obtain a loan, except those for mortgage, credit, life, or property insurance; for property transfer; and for title search and insurance.

Source: U.S. Federal Home Loan Bank Board, monthly news releases.

No. 1360. Home Loans Guaranteed and Insured by VA: 1975 to 1982

[Based on complete count of primary loans closed for conventionally built homes. See also table 603]

Loan characteristics	New homes							Existing homes						
	1975	1977	1978	1979	1980	1981	1982	1975	1977	1978	1979	1980	1981	1982
Number of Primary Loans(1,000)	66.6	77.5	78.6	72.9	63.8	45.0	30.7	227.0	294.1	274.2	272.8	191.8	91.1	56.4
Average loan ($1,000)	32.9	39.6	44.0	51.5	58.7	63.6	67.3	28.6	34.6	38.3	44.8	49.6	51.4	53.0
	Percent of home loans													
Loan amount:														
Less than $25,000	12.2	3.7	1.9	.9	.7	.6	.4	40.5	23.2	17.3	10.5	8.2	8.2	7.6
$25,000–$29,999	23.8	11.0	5.6	1.9	.9	.6	.5	20.5	16.8	15.1	10.8	8.5	8.4	7.6
$30,000–$34,999	31.2	19.5	13.0	6.0	2.5	1.3	1.4	15.7	16.6	15.3	12.4	10.3	9.8	9.0
$35,000–$39,999	19.5	23.1	19.6	11.7	5.7	4.2	3.1	10.2	15.0	14.3	13.1	11.4	11.1	10.5
$40,000–$49,999	13.3	42.7	34.4	30.8	23.5	18.9	15.2	13.1	28.4	18.3	20.2	19.9	19.3	19.3
$50,000–$59,999			16.2	24.6	26.5	24.1	22.0			9.8	13.3	14.9	14.1	14.6
$60,000–$69,999			6.6	13.7	18.7	20.7	20.5			6.4	9.3	10.3	9.7	10.0
$70,000 and over			2.7	10.4	21.5	29.6	36.9			3.5	10.4	16.5	19.4	21.4
Mortgage maturity:														
Less than 25 yr	.3	.3	.3	.3	.3	.5	1.2	2.9	2.1	1.7	1.4	1.2	1.6	4.6
25 yr	.5	.5	.3	.2	.2	.6	.6	6.1	4.5	4.0	2.9	2.4	2.6	2.5
26–29 yr	4.9	1.8	3.9	2.6	1.3	1.1	.6	1.2	.5	1.4	.9	.3	.3	.1
30 yr	94.3	97.4	95.5	96.9	98.2	97.8	97.6	89.8	92.9	92.9	94.8	96.1	95.5	92.8
Downpayment status:														
With downpaymt	42.9	44.5	46.3	47.4	45.2	45.7	55.4	26.5	26.4	26.2	28.0	29.7	28.2	35.1
With no downpaymt	57.1	55.5	53.7	52.6	54.8	54.3	44.6	73.5	73.6	73.8	72.0	70.3	71.8	64.9

Source: U.S. Veterans Administration, unpublished data.

No. 1361. One-Family Homes, FHA-Insured Mortgages: 1975 to 1982

[Data for sec. 203(b) of National Housing Act only. For definition of median, see Guide to Tabular Presentation]

Characteristic	Unit	New homes							Existing homes						
		1975	1977	1978	1979	1980	1981	1982	1975	1977	1978	1979	1980	1981	1982
Number of mortgages	1,000	35.7	42.5	36.6	37.0	30.7	23.2	17.5	178.9	229.9	218.9	241.8	198.0	109.6	85.5
Average monthly occupant expenses:															
Real estate taxes	Dollars	49	56	56	57	58	67	57	40	41	44	43	49	51	56
Maintenance and repair	Dollars	22	24	23	29	30	34	40	20	22	24	28	31	34	38
Heating and utilities	Dollars	42	54	61	68	74	87	91	43	53	60	68	79	89	104
Average purchase transactions:															
Total acquisition cost [1]	$1,000	33.0	37.2	41.5	50.3	56.0	60.9	62.2	26.9	29.2	34.0	39.4	45.0	47.7	51.1
Closing costs	Dollars	672	701	772	856	981	1,049	1,144	606	660	761	846	960	1,054	1,104
Market price of site [2]	$1,000	6.4	7.3	7.7	9.8	11.8	12.4	12.8	5.5	5.8	6.9	8.1	10.1	11.4	11.7
Median value and cost:															
Amount of mortgage	$1,000	29.7	34.0	37.3	45.0	50.1	53.8	54.8	24.6	27.1	30.9	35.4	39.6	41.5	42.4
Estimated value	$1,000	32.5	37.2	41.1	50.4	56.0	60.9	62.5	26.2	28.9	33.0	38.4	44.0	47.0	50.6
Annual loan/value ratio	Percent	92.8	92.0	93.0	93.5	92.6	91.5	91.5	94.9	94.8	95.5	95.1	93.9	93.2	89.4
Income of occupant	$1,000	17.1	18.8	20.4	24.3	27.1	32.2	34.4	15.5	16.6	18.3	21.2	24.7	28.4	32.1
Monthly mortgage payment	Dollars	284	329	969	469	568	697	766	245	260	300	368	466	545	630
Average term of mortgage	Years	30.0	29.9	29.9	29.9	29.9	29.8	29.7	29.3	29.4	29.5	29.5	29.5	29.5	29.1
Interest rates [3]	Percent	8.5	8.5	9.5	10.0	11.5	15.5	15.5	8.5	8.5	9.5	10.0	11.5	15.5	15.5

[1] Sales price plus closing costs. [2] Includes street improvements or utilities, rough grading, terracing and retaining walls, if any, for site. [3] Represents maximum rate in effect as of July 1.

Source: U.S. Dept. of Housing and Urban Development, 1975–1979, *HUD Statistical Yearbook;* thereafter, unpublished data.

No. 1362. Residential Loans Underwritten by FHA: 1960 to 1982

[**In millions of dollars.** Figures are gross amount of insurance written; do not take account of principal repayments on previously insured loans. See also *Historical Statistics, Colonial Times to 1970*, series N 291-297]

LOAN	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
FHA-insured loans	**6,293**	**8,689**	**11,982**	**7,941**	**9,746**	**13,000**	**16,098**	**22,848**	**22,301**	**14,976**	**14,125**
Home mortgages: New properties	2,197	1,705	2,667	1,148	1,087	1,664	1,881	3,409	4,071	3,177	2,444
Existing properties	2,403	5,760	5,447	5,017	5,275	7,177	9,259	14,758	12,387	7,102	5,643
Project type mortgages	711	591	3,251	976	2,315	2,818	3,270	2,719	4,197	3,024	4,484
Property improvement loans [1]	982	634	617	799	1,071	1,341	1,688	1,962	1,646	1,674	1,554

[1] Not ordinarily secured by mortgages. Beginning 1970, includes mobile home loans.

Source: U.S. Dept. of Housing and Urban Development, 1960-1979 *HUD Statistical Yearbook;* thereafter, unpublished data.

No. 1363. Nonresidential Buildings—Type, by Region and Heating (HDD) and Cooling (CDD) Degree Days Weather Zone: 1979-1980

[**In thousands.** Building type based on predominant activity in which the occupants were engaged. Based on a sample survey of building representatives conducted October 1979 to January 1980; subject to sampling variability. Excludes Alaska and Hawaii. For composition of weather zones, see fig. 7.3, p. 227]

TYPE	Total	North-east	North Central	South	West	LESS THAN 2,000 CDD AND				More than 2,000 CDD, less than 4,000 HDD
						More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	2,000 to 3,999 HDD	
Nonresidential buildings, number	**4,238**	**735**	**1,326**	**1,566**	**612**	**470**	**1,242**	**1,132**	**704**	**689**
Assembly	448	57	146	199	46	38	143	154	60	53
Auto. sales, service	401	77	145	122	57	55	130	115	53	48
Education	161	23	35	75	28	17	36	43	28	38
Food sales	366	56	118	139	53	47	99	83	69	68
Health care	44	7	16	15	5	1	20	12	5	5
Industrial	243	36	80	86	41	25	75	57	47	38
Lodging	101	13	12	54	23	8	21	18	28	26
Office	600	104	192	199	105	59	199	136	94	113
Residential	347	131	109	78	29	68	117	119	18	25
Retail/services	714	114	227	277	96	78	180	184	136	136
Warehouse and storage	430	59	137	157	77	44	107	112	90	77
Other	237	34	68	94	40	19	69	68	43	38
Vacant	146	23	39	70	13	11	45	32	33	26

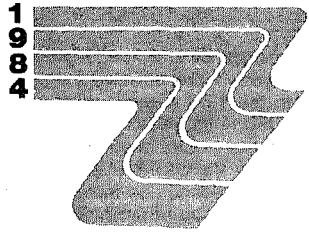
Source: U.S. Energy Information Administration, Nonresidential Buildings Energy Consumption Survey: Building Characteristics, March 1981.

No. 1364. Nonresidential Buildings—Type, by Square Footage and Year Constructed: 1979-1980

[**In thousands.** See headnote, table 1363]

TYPE	Total	YEAR CONSTRUCTED					SQUARE FOOTAGE					Average sq. ft. per building	Median sq. ft. per building
		Prior to 1946	1946 to 1960	1961 to 1970	1971 to 1973	1974 to present	1,000 or less	1,001 to 5,000	5,001 to 10,000	10,001 to 25,000	25,001 and over		
Nonresidential bldgs., number	**4,238**	**1,590**	**1,064**	**789**	**235**	**561**	**677**	**1,729**	**801**	**596**	**436**	**12.9**	**4.1**
Assembly	*448*	*198*	*101*	*80*	*17*	*51*	*44*	*156*	*131*	*79*	*38*	*11.2*	*6.0*
Auto. sales, service	401	112	127	97	23	42	92	197	78	28	7	4.5	2.4
Education	161	37	53	47	6	18	10	33	21	31	67	36.2	18.3
Food sales	366	122	95	69	17	63	70	207	51	31	8	5.1	2.5
Health care	*44*	*9*	*11*	*11*	*3*	*11*	*4*	*15*	*9*	*6*	*10*	*38.5*	*5.4*
Industrial	243	77	55	44	30	35	22	58	55	45	63	29.4	9.1
Lodging	101	21	33	28	12	6	10	33	22	16	20	19.9	6.1
Office	*600*	*216*	*118*	*121*	*41*	*104*	*89*	*259*	*115*	*86*	*52*	*13.6*	*4.1*
Residential	347	237	63	30	7	10	41	177	45	64	19	9.0	3.7
Retail/services	714	260	219	105	28	103	123	292	152	95	52	10.7	4.0
Warehouse and *storage*	*430*	*159*	*99*	*77*	*25*	*70*	*79*	*169*	*59*	*64*	*60*	*14.1*	*3.9*
Other	237	82	50	48	18	39	58	76	36	39	26	13.2	3.6
Vacant	146	61	40	31	6	8	37	59	24	12	13	8.7	2.7

Source: U.S. Energy Information Administration, *Nonresidential Buildings Energy Consumption Survey: Building Characteristics,* March 1981.



Section 29

Manufactures

This section presents summary data for manufacturing as a whole and more detailed information for major industry groups and selected specific products. The types of measures shown at the different levels include data for establishments; employment and wages; raw materials, fuels, and electricity consumed; plant and equipment expenditures; value and quantity of production and shipments; value added by manufacture; inventories; and various indicators of financial status.

The principal sources of these data are Bureau of the Census reports of the censuses of manufactures conducted every five years; the *Annual Survey of Manufactures;* and the *Current Industrial Reports* series, which presents monthly, quarterly, or annual data on production, shipments, and stocks for particular commodities. Indexes of industrial production are presented monthly in the Federal Reserve Board's *Federal Reserve Bulletin.* Reports on current activities of industries, or current movements of individual commodities, are compiled by such government agencies as the Bureau of Labor Statistics; the Economics and Statistics Service of the Department of Agriculture; the International Trade Administration; and by private research or trade associations such as The Conference Board, Inc., New York, and the American Iron and Steel Institute, Washington, D.C.

Data on financial aspects of manufacturing industries are collected by the Bureau of Economic Analysis (BEA) and the Federal Trade Commission (FTC). Industry aggregates in the form of balance sheets, profit and loss statements, analyses of sales and expenses, lists of subsidiaries, and types and amounts of security issues are published for leading manufacturing corporations registered with the SEC. The BEA issues data on capital in manufacturing industries and capacity utilization rates in manufacturing. The FTC has made several comprehensive studies of individual industries. See also Section 18, Business Enterprise in this edition.

Censuses and annual surveys.—The first census of manufactures covered the year 1809. Between 1809 and 1963, a census was conducted at periodic intervals. Since 1967 it has been taken every 5 years (for years ending in "2" and "7"). Census data, either direct reports or estimates from administrative records, are obtained for every manufacturing plant with one employee or more.

The Annual Survey of Manufactures, conducted for the first time in 1949, collects data for the years between censuses for the more general measures of manufacturing activity covered in detail by the censuses. The annual survey data are estimates derived from a scientifically selected sample of establishments. The most recent, 1981, annual survey is based on a sample of about 56,000 establishments of an approximate total of 225,000. It comprises all large plants, which account for approximately two-thirds of total U.S. manufacturing employment, and a representative selection of the more numerous small plants. Government-owned and -operated establishments are excluded.

The basic statistical measures of manufacturing activity, such as employment, payrolls, value added, etc., are defined in essentially the same way for both the annual surveys and the census of manufactures. However, the bases for computing average employment vary for different years. For example, beginning with 1949, average employment was calculated from the figures reported for the pay periods ending nearest the 15th of March, May, August, and November, whereas for 1947 such averages were based on 12 monthly employment figures. In 1967, the average employment calculation was revised to the pay periods which include the 12th of March, May, August, and November to provide data more comparable with other statistical series.

Establishments and classification.—The censuses of manufactures for 1947 through 1977 cover operating manufacturing establishments as defined in the *Standard Industrial Classification Manual (SIC),* issued by the U.S. Office of Management and Budget (see text, p. 402). The *Manual* is also used for classifying establishments in the annual surveys. The comparability of manufactures data over time is affected by changes in the official definitions of industries as presented in the *Manual.* It is important to note therefore, that the 1972 edition of the *Manual* was used for the 1972 and 1977 censuses while the 1967 *Manual* was used for the 1967 census. For the censuses from 1947 to 1963, reports were required from all establishments employing one or more persons at any time during the census year. For the 1967 and 1972 censuses, reports were required only from

establishments with 10 or more employees and establishments operated by multi-establishment companies. Data for single unit companies with less than 10 employees were estimated on the basis of government administrative records and industry averages. In the 1977 Census, data were based on administrative records for all establishments with fewer than 5 employees; and, depending on the industry, for those with fewer than 20. Each of the establishments tabulated was classified in one of the more than 450 manufacturing industries as defined by the *SIC Manual* in 1972 and 1977, as compared to 400 industries in the 1967 census. The *Manual* defines an industry as a number of establishments producing a single product or a closely related group of products. In the main, an establishment is classified in a particular industry if its production of a product or product group exceeds in value added its production of any other product group. While some establishments produce only the products of the industry in which they are classified, few within an industry specialize to that extent. The statistics on employment, payrolls, value added, inventories, and expenditures, therefore, reflect both the primary and secondary activities of the establishments in that industry. For this reason care should be exercised in relating such statistics to the total shipments figures of products primary to the industry.

The censuses for 1947 through 1977 were conducted on an establishment basis. The term "establishment" signifies a single physical plant site or factory. It is not necessarily identical with the business unit or company, which may consist of one or more establishments. A company operating establishments at more than one location is required to submit a separate report for each location. An establishment engaged in distinctly different lines of activity and maintaining separate payroll and inventory records is also required to submit separate reports.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

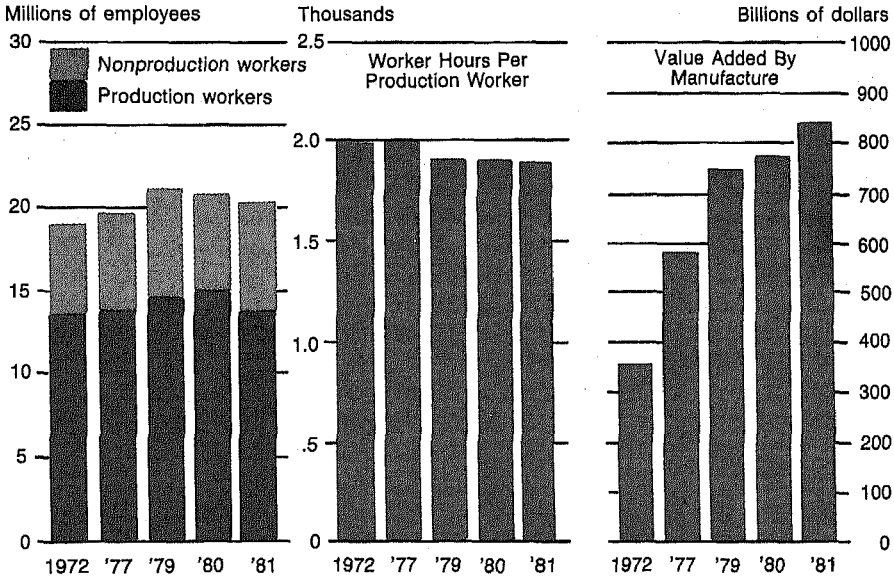
NO. 1365. NATIONAL INCOME ORIGINATING IN MANUFACTURING: 1954 TO 1982

[**In billions of dollars, except percent.** Prior to 1963, excludes Alaska and Hawaii. For definition of national income, see text, p. 445. Refers to national income without capital consumption adjustment. Data represent net value added at factor costs. See *Historical Statistics, Colonial Times to 1970,* series F 230, for single-year figures prior to revisions issued in 1981]

ITEM	1954	1958	1963	1967	1972	1975	1976	1977	1978	1979	1980	1981	1982
Total manufacturing	95	108	144	194	252	318	367	413	465	509	527	580	549
Percent of national income	31	29	29	29	26	25	26	26	26	25	24	24	22
Durable goods	55	62	86	119	154	186	217	250	286	311	312	345	317
Percent of total	58	58	60	61	61	58	59	60	61	61	59	60	58
Machinery, except electrical	9	10	14	22	28	37	42	49	56	64	68	77	70
Electric and electronic equipment	7	8	12	18	23	27	31	36	41	45	50	55	55
Fabricated metal products	7	8	10	15	19	24	28	32	36	40	41	44	41
Other transportation equipment	6	8	10	14	13	16	18	20	23	26	29	32	34
Primary metal industries	8	9	11	14	18	24	26	28	34	38	38	42	27
Motor vehicles and equipment	6	5	11	13	20	19	27	33	35	32	22	26	24
Instruments and related products	2	3	4	6	7	9	11	12	14	15	17	20	21
Stone, clay, and glass products	3	4	5	6	9	10	12	13	16	17	16	17	15
Lumber and wood products	3	3	4	5	8	8	11	13	16	17	15	14	13
Miscellaneous manufacturing industries	2	2	3	3	5	5	6	7	7	8	8	10	9
Furniture and fixtures	2	2	2	3	4	5	5	6	7	8	8	9	8
Nondurable goods	40	46	57	75	98	132	150	163	179	198	215	235	232
Food and kindred products	9	11	14	16	20	31	31	34	35	38	41	47	47
Chemicals and allied products	6	8	10	13	18	25	29	31	33	35	37	42	41
Petroleum and coal products	4	4	4	6	7	15	19	19	21	28	36	36	34
Printing and publishing	5	6	7	10	14	17	19	21	24	26	28	31	33
Paper and allied products	3	4	5	7	9	12	14	15	17	19	20	21	20
Rubber and miscellaneous plastic products	2	3	4	5	8	9	10	12	14	15	15	18	17
Apparel and other textile products	4	4	6	7	10	11	12	14	15	15	16	17	17
Textile mill products	4	4	5	6	8	9	11	12	13	14	13	14	13
Tobacco manufactures	1	1	1	1	2	2	3	3	3	4	4	5	5
Leather and leather products	1	1	2	2	2	2	3	3	3	3	4	4	4

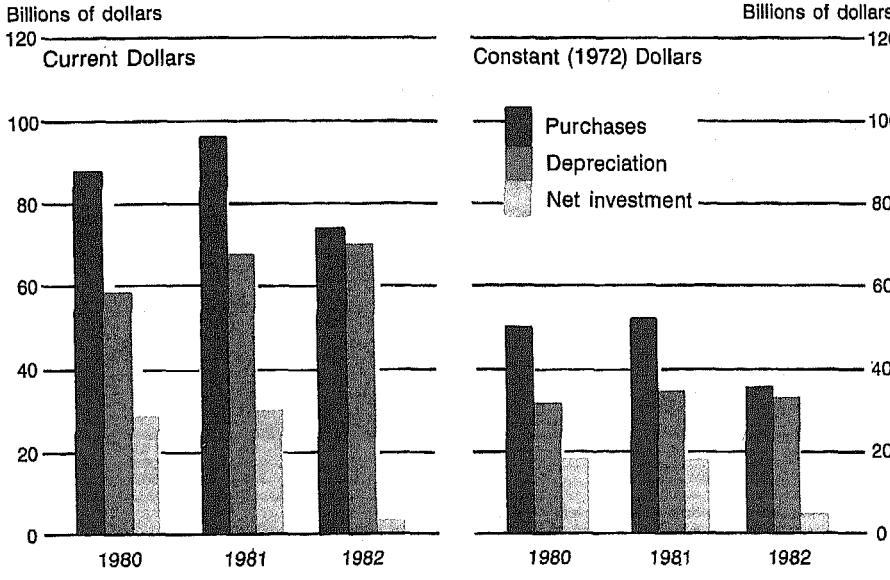
Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76,* and *Survey of Current Business,* July 1982 and July 1983.

Figure 29.1
Manufactures—Summary: 1972 to 1981



Source: Chart prepared by U.S Bureau of the Census. For data, see table 1366.

Figure 29.2
Capital in Manufacturing Establishments: 1980 to 1982



Source: Chart prepared by U.S Bureau of the Census. For data, see table 1378.

No. 1366. Manufactures—Summary: 1947 to 1981

[Prior to 1958, excludes Alaska and Hawaii. Census data, except as noted. For establishment coverage, see text, p. 762. See also *Historical Statistics, Colonial Times to 1970*, series P 1–12]

ITEM	Unit	1947	1954	1958	1963	1967	1972	1977	1979 [1]	1980 [1]	1981 [1]
Number of establishments [2]	1,000	[3] 241	[3] 287	303	312	311	321	360	(NA)	(NA)	(NA)
With 20 or more employees	1,000	(NA)	[3] 90	95	102	107	114	119	(NA)	(NA)	(NA)
All employees, [4] annual average [5]	Million	[3] 14.3	16.1	16.0	17.0	19.3	19.0	19.6	21.0	20.6	20.3
Payroll, all employees	Bil. dol.	[3] 40	66	78	100	132	174	264	329	350	379
Payroll per employee	$1,000	[3] 2.8	4.1	4.9	5.9	6.8	9.2	13.5	15.6	17.0	18.7
Production workers, annual average	Million	11.9	12.4	11.7	12.2	14.0	13.5	13.7	14.5	13.9	13.5
Percent of all employees	Percent	83.2	77.0	73.1	71.8	72.5	71.1	69.9	69.1	67.3	66.8
Hours, production workers	Billion	24.3	24.3	22.7	24.5	27.8	26.7	26.7	28.3	26.7	26.3
Hours per worker	1,000	2.0	2.0	1.9	2.0	2.0	2.0	2.0	1.9	1.9	1.9
Wages, production workers	Bil. dol.	30	45	50	62	81	106	157	193	198	212
Percent of payroll for all employees	Percent	75.0	68.2	64.1	62.0	61.4	60.9	59.5	58.6	56.6	56.0
Wages per worker	$1,000	2.5	3.6	4.3	5.1	5.8	7.8	11.5	13.3	14.3	15.7
Wages per worker hour	Dollar	1.24	1.83	2.19	2.53	2.92	3.95	5.89	6.81	7.41	8.09
Value added by manufacture [6]	Bil. dol.	74	117	142	192	262	354	585	748	774	838
Per production worker	$1,000	6.2	9.5	12.1	15.7	18.8	26.2	42.7	51.4	55.6	61.8
Per production worker hour	Dollar	3.04	4.81	6.25	7.83	9.42	13.25	21.91	26.39	28.93	31.93
Per dollar of workers' wages	Dollar	2.47	2.60	2.84	2.90	3.23	3.34	3.73	3.88	3.91	3.95
Cost of materials	Bil. dol.	(NA)	(NA)	(NA)	230	299	407	782	999	1,094	1,194
Value of shipments [7]	Bil. dol.	(NA)	(NA)	(NA)	421	557	757	1,359	1,727	1,851	2,018
Per production worker	$1,000	(NA)	(NA)	(NA)	34.4	39.9	55.9	99.9	118.8	133.3	149.0
End-of-year inventories	Bil. dol.	26	40	49	60	84	108	188	239	262	279
Capital expenditures, new [8]	Bil. dol.	6.0	8.2	9.5	11.4	21.5	24.1	47.5	61.5	70.1	78.6
Indexes:											
Employment	1967=100	74	83	83	88	100	98	101	109	107	105
Value added	1967=100	29	45	54	73	100	135	222	285	295	320
Shipments	1967=100	(NA)	(NA)	(NA)	76	100	136	242	307	332	362
Ratios:											
Value added to shipments	Ratio	(NA)	(NA)	(NA)	45.6	47.0	46.7	42.9	43.3	41.8	41.5
Inventories to shipments	Ratio	(NA)	(NA)	(NA)	14.2	15.0	14.2	13.8	13.8	14.1	13.8
Payroll to value added	Ratio	54.0	56.4	54.9	52.0	50.3	49.1	45.2	44.0	45.3	45.2
Gross book value of depreciable assets	Bil. dol.	(NA)	(NA)	(NA)	158	218	301	439	523	574	630
Machinery and equipment	Bil. dol.	(NA)	(NA)	(NA)	(NA)	157	218	328	394	434	479
Assets per employee	$1,000	(NA)	(NA)	(NA)	9.3	11.3	16.4	22.4	24.8	27.8	31.1

NA Not available. [1] Estimated data based on *Annual Survey of Manufactures;* see text, p. 761. [2] Includes administrative and auxiliary units, except as noted. [3] Excludes administrative offices and auxiliary units. [4] Includes data for employees of manufacturing establishments engaged in distribution and construction work. [5] Data for most industries in 1954 and for all industries since 1954 are based on pay periods ending nearest 15th of March, May, August, and November. For 1947, and industries of a seasonal type in 1954, data represent average of 12 monthly figures. [6] Unadjusted for 1947; thereafter, adjusted. Unadjusted value added is obtained by subtracting cost of materials, supplies, containers, fuel, purchased electric energy, and contract work from value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) net change in finished goods and work-in-process inventories between beginning and end of year. [7] Includes extensive and unmeasurable duplication from shipments between establishments in the same industry classification. [8] Beginning 1954, includes plants under construction and not yet in operation.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1947, 1954, 1958, 1963, 1967, 1972,* and *1977* final reports; and *Annual Survey of Manufactures.*

No. 1367. Manufactures—Summary, by Type of Operation: 1947 to 1977

[A multiunit company operates establishments at more than one location. See text, p. 762]

ITEM	Unit	1947	1954	1958	1963	1967	1972	1977
Multiunit companies: Establishments	1,000	35.2	31.8	41.9	45.9	51.7	70.2	81.2
Employees	Million	8.0	9.5	10.1	11.0	13.3	14.3	15.0
Production workers	Million	6.7	7.4	7.2	8.1	9.8	9.8	10.1
Payroll, all employees	Bil. dol.	22.8	40.6	51.8	68.2	93.8	138.8	214.2
Wages, production workers	Bil. dol.	17.8	29.0	33.5	44.7	60.9	81.9	124.9
Value added by manufacture	Bil. dol.	43.9	79.6	105.3	146.6	208.4	286.1	465.0
Capital expenditures, new	Bil. dol.	(NA)	6.5	7.5	8.9	18.6	20.0	41.0
Single unit companies: Establishments	1,000	205.6	255.0	256.3	260.8	[1] 254.0	[1] 250.5	[1] 278.7
Employees	Million	6.3	6.2	5.3	5.2	[1] 5.2	[1] 4.8	[1] 4.6
Payroll, all employees	Bil. dol.	16.9	22.3	21.9	25.1	[1] 28.5	[1] 35.4	[1] 49.8
Value added by manufacture	Bil. dol.	30.3	37.4	37.9	45.5	[1] 55.5	[1] 67.9	[1] 100.1

NA Not available. [1] Includes data obtained from Federal administrative records.

Source: U.S. Bureau of the Census, *1977 Census of Manufactures, Type of Organization,* subject series, MC77-SR-7.

No. 1368. Industrial Production Indexes, by Industry: 1960 to 1983

[1967 = 100. Based on 1967 *Standard Industrial Classification Manual* (see text, pp. 761 and 762). See also *Historical Statistics, Colonial Times to 1970*, series P 13 and P 18-39]

MAJOR INDUSTRY GROUP	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983, Jan.–May
Industrial production	66	90	108	130	129	118	131	138	146	153	147	151	139	141
Manufacturing	65	90	106	130	129	116	130	138	147	154	147	150	138	141
Durable goods	63	89	102	127	126	109	122	130	140	146	137	141	125	127
Primary metals	72	102	107	127	123	96	110	111	120	121	102	108	75	79
Fabricated metal products	71	91	102	125	124	110	124	131	142	149	134	136	115	113
Electrical machinery	52	82	108	143	144	117	135	145	159	175	173	178	169	174
Nonelectrical machinery	57	85	104	134	140	125	135	144	154	164	163	171	149	141
Transportation equipment	65	95	90	118	109	97	111	122	133	135	117	116	105	110
Instruments	58	83	112	138	144	132	147	156	167	175	171	170	162	155
Clay, glass, stone products	79	98	106	134	133	118	136	146	157	164	148	148	128	135
Lumber and products	75	96	106	126	116	108	123	131	136	137	119	119	113	131
Furniture and fixtures	72	95	108	144	138	118	137	145	156	162	150	157	152	161
Miscellaneous	71	94	111	138	138	128	145	149	151	154	148	155	137	136
Nondurable goods	69	91	112	134	135	126	142	151	157	164	161	165	156	161
Textile mill products	69	93	112	143	133	122	135	134	138	145	139	136	125	132
Leather and products	90	98	90	83	78	77	77	74	74	72	70	69	61	60
Paper and products	68	92	115	137	135	116	133	138	145	151	151	155	151	158
Printing and publishing	71	88	107	118	118	113	123	128	132	137	140	144	144	145
Chemicals and products	56	88	120	155	159	147	171	186	197	212	207	216	196	205
Petroleum products	77	92	113	129	125	124	134	143	145	144	133	130	122	117
Rubber and plastics products	52	86	132	184	195	167	200	232	254	272	256	274	255	273
Food	79	92	109	121	124	123	133	139	143	148	150	152	151	152
Tobacco products	91	100	102	112	110	112	117	113	118	118	120	122	118	112
Mining	80	93	112	115	115	113	114	118	124	126	133	142	126	115
Utilities	63	89	125	145	144	146	152	157	161	166	168	169	169	165
Energy [1]	70	89	117	128	126	126	129	133	135	138	138	137	136	132

[1] Production of energy is represented by output of primary energy, such as crude oil, natural gas, and coal mining, and by the conversion of primary energy to other energy forms for final consumption.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 1369. Capacity Utilization Rates in Manufacturing: 1965 to 1982

[**In percent.** Annual figures are averages of quarterly data, except yearend 1965. Capacity represents maximum practical amount of output that can be produced with current stock of plant and equipment]

INDUSTRY	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
All manufacturers	86	81	83	86	83	77	81	83	84	82	78	76	70
Firms with assets of—													
$100 million and over	89	83	86	88	85	78	84	85	86	85	79	77	70
$10 million–$99.9 million	85	79	81	83	81	75	78	80	81	81	78	77	72
Under $10 million	80	73	77	79	77	72	76	78	78	76	72	74	68
Durable goods [1]	88	78	82	85	82	76	81	84	84	83	77	74	66
Electrical machinery	83	76	81	82	83	73	80	82	83	82	80	76	72
Machinery, except electrical	95	86	84	87	88	83	86	89	91	91	90	89	80
Transportation equipment [1]	89	75	85	87	78	76	82	86	85	80	72	68	63
Motor vehicles	96	81	97	100	83	83	93	99	95	84	67	63	60
Aircraft	79	68	69	69	71	65	65	68	70	76	79	75	69
Primary metals	(NA)	82	86	88	88	73	78	80	84	84	74	73	52
Stone, clay, and glass	84	76	83	83	79	70	77	79	80	80	73	70	64
Nondurable goods [1]	85	83	85	86	84	79	82	82	82	82	79	78	74
Food, including beverages	75	82	81	81	80	77	77	78	79	79	76	78	76
Textiles	83	82	89	90	81	78	85	86	85	83	80	80	74
Paper	95	88	90	94	91	79	87	86	88	91	88	86	81
Chemicals	85	82	84	88	85	74	80	78	80	83	78	75	69
Petroleum	95	95	94	97	89	89	93	92	90	88	81	74	72
Rubber	93	82	89	89	85	74	80	85	83	77	70	72	73

NA Not available. [1] Includes items not shown separately.

Source: U.S. Bureau of Economic Analysis. Quarterly data in *Survey of Current Business*, monthly.

NO. 1370. MANUFACTURES SUMMARY,

[Sum of State totals may not add to U.S. total

	STATE	1967				1972				1977		
		Establishments [1] (total)	All employees [2] Number [3] (1,000)	All employees [2] Payroll (mil. dol.)	Value added by manufacture [4] (mil. dol.)	Establishments [1] (total)	All employees [2] Number [3] (1,000)	All employees [2] Payroll (mil. dol.)	Value added by manufacture [4] (mil. dol.)	Establishments [1] Total	Establishments [1] With 20 or more employees	All employees, number [2 3] (1,000)
1	U.S.	311,140	19,323	132,209	261,984	320,710	19,029	174,206	353,954	359,928	118,699	19,590
2	N.E	24,286	1,562	10,190	18,972	23,732	1,363	11,908	22,508	25,737	8,881	1,390
3	Maine	2,385	111	577	1,070	2,076	100	699	1,383	2,157	595	103
4	N.H	1,481	95	513	932	1,434	90	663	1,279	1,825	623	95
5	Vt	925	43	259	515	860	37	311	576	1,030	298	42
6	Mass	10,963	714	4,646	8,715	10,770	619	5,486	10,678	11,133	4,054	613
7	R.I	2,703	122	700	1,351	2,756	118	888	1,764	3,107	945	125
8	Conn	5,829	478	3,494	6,390	5,836	399	3,860	6,828	6,485	2,366	412
9	M.A	76,422	4,360	30,527	57,262	71,808	3,933	37,123	70,331	71,009	24,904	3,617
10	N.Y	42,911	1,929	13,852	25,247	38,341	1,679	16,220	30,404	36,578	11,425	1,510
11	N.J	14,740	881	6,325	12,738	15,069	836	8,107	16,409	15,696	5,775	778
12	Pa	18,771	1,550	10,350	19,277	18,398	1,418	12,794	23,519	18,735	7,704	1,329
13	E.N.C	63,062	5,151	38,495	75,016	64,674	4,933	50,960	99,951	69,237	25,941	4,974
14	Ohio	15,428	1,397	10,523	20,435	16,390	1,346	13,810	27,171	17,354	6,728	1,331
15	Ind	6,920	710	5,023	10,308	7,354	704	6,882	14,112	8,061	3,229	706
16	Ill	18,536	1,397	10,014	20,017	18,618	1,306	12,801	25,849	19,517	7,441	1,286
17	Mich	14,340	1,134	9,357	17,242	14,467	1,076	12,745	23,376	15,627	5,380	1,116
18	Wis	7,838	512	3,578	7,014	7,845	501	4,722	9,443	8,678	3,163	535
19	W.N.C	20,623	1,206	8,165	16,773	21,467	1,202	10,923	23,586	24,321	7,804	1,297
20	Minn	5,409	300	2,107	4,080	5,698	302	2,869	5,524	6,637	2,126	332
21	Iowa	3,388	210	1,435	3,251	3,387	216	2,039	4,758	3,783	1,245	240
22	Mo	6,545	452	3,049	5,895	6,732	434	3,897	8,169	7,354	2,429	433
23	N. Dak	454	8	42	113	482	10	79	201	571	145	14
24	S. Dak	604	16	93	171	606	17	135	285	740	195	23
25	Nebr	1,672	77	476	1,150	1,723	65	704	1,733	1,965	626	88
26	Kans	2,551	144	965	2,112	2,839	137	1,181	2,915	3,270	1,037	168
27	S.A	37,961	2,502	14,014	29,313	41,535	2,739	20,640	44,352	47,692	15,560	2,823
28	Del	528	71	588	958	567	69	755	1,292	619	231	67
29	Md	3,401	288	1,956	3,781	3,579	256	2,386	4,707	3,937	1,351	244
30	D.C	593	23	179	333	564	19	215	376	555	130	19
31	Va	4,938	340	1,905	4,068	4,837	375	2,826	6,178	5,519	1,879	395
32	W. Va	1,844	124	832	2,170	1,734	121	1,098	2,647	1,857	583	117
33	N.C	8,266	643	3,066	6,607	8,632	744	4,929	11,015	9,954	4,005	765
34	S.C	3,465	304	1,502	3,030	3,719	345	2,345	4,966	4,229	1,560	374
35	Ga	6,976	423	2,231	4,684	7,629	468	3,336	7,386	8,623	2,906	485
36	Fla	7,950	285	1,755	3,683	10,275	343	2,750	5,787	12,399	2,915	358
37	E.S.C	15,746	1,092	5,909	13,718	16,525	1,249	9,211	21,234	19,187	6,797	1,328
38	Ky	2,994	225	1,352	3,636	3,167	259	2,160	5,682	3,548	1,318	278
39	Tenn	5,040	418	2,190	4,921	5,647	467	3,352	7,662	6,487	2,477	490
40	Ala	4,951	289	1,603	3,526	4,984	323	2,397	5,065	5,863	1,855	341
41	Miss	2,761	160	764	1,635	2,727	200	1,302	2,825	3,289	1,147	219
42	W.S.C	21,683	1,083	6,855	16,617	24,020	1,239	10,286	24,603	29,796	9,049	1,442
43	Ark	2,911	144	666	1,558	2,897	181	1,152	2,800	3,595	1,101	197
44	La	3,639	165	1,084	2,790	3,657	179	1,601	4,273	4,276	1,236	195
45	Okla	2,611	118	764	1,346	3,042	143	1,188	2,270	3,818	1,067	164
46	Tex	12,722	658	4,340	10,922	14,424	736	6,345	15,259	18,107	5,644	886
47	Mt	8,679	315	2,123	4,522	10,119	388	3,469	7,446	13,808	3,220	461
48	Mont	923	20	130	312	943	21	185	463	1,168	203	24
49	Idaho	1,131	37	220	503	1,190	43	340	821	1,495	379	52
50	Wyo	331	6	37	88	377	7	57	144	505	102	9
51	Colo	2,461	104	731	1,509	2,841	133	1,298	2,504	3,948	961	153
52	N. Mex	749	17	99	205	926	24	157	358	1,323	258	29
53	Ariz	1,630	77	543	995	2,037	94	855	1,880	2,892	677	111
54	Utah	1,124	47	315	778	1,358	57	486	1,069	1,748	494	70
55	Nev	330	7	50	134	447	10	92	208	729	147	15
56	Pac	42,433	2,050	15,911	29,675	46,829	1,963	19,685	39,986	59,106	16,534	2,255
57	Wash	5,014	271	2,119	3,764	5,345	226	2,308	4,721	6,723	1,712	265
58	Oreg	4,437	163	1,083	2,061	4,670	179	1,627	3,490	5,716	1,580	202
59	Calif	31,962	1,584	12,515	23,394	35,699	1,546	15,403	31,195	45,289	12,883	1,752
60	Alaska	323	8	56	130	342	8	75	170	429	128	11
61	Hawaii	697	25	140	326	773	25	191	410	949	231	25

X Not applicable. [1] Includes central administrative offices and auxiliary units. [2] Includes employment and payroll at administrative offices and auxiliary units. [3] "All employees" represents the average of "production workers" plus all other employees for the payroll period ended nearest the 12th of March. "Production workers" represents the average of the employment for the payroll periods ended nearest the 12th of March, May, August, and November.

BY STATE: 1967 TO 1981

because U.S. and State figures were independently derived]

1977—Con.				1980, value of shipments [5] (mil. dol.)	1981		Leading major industry groups ranked by value added by manufacture, 1980	
All employees, payroll [2 3] (mil. dol.)	Production workers [2] Number [3] (1,000)	Production workers [2] Wages (mil. dol.)	Value added by manufacture [4] (mil. dol.)		All employees, number [2 3] (1,000)	Value of shipments [5] (mil. dol.)		
264,013	**13,691**	**157,164**	**585,166**	**1,850,899**	**20,264**	**2,017,543**	**Mach. exc. electrical; trans. equip.; chemicals.**	1
17,602	943	9,623	35,587	96,436	1,550	105,537	(x)	2
1,078	84	781	2,343	7,697	115	9,127	Paper; leather; lumber.	3
1,029	72	645	2,175	6,589	111	7,259	Elec. equip.; machinery exc. elec.; paper.	4
498	29	270	1,050	3,197	50	3,645	Elec. equip.; mach. exc. elec.; fabricated metal.	5
7,819	408	4,199	16,349	43,535	692	47,905	Machinery exc. elec.; elec. equip.; instruments.	6
1,327	95	825	2,737	7,377	127	7,574	Misc. mfg.; fabricated metal; primary metal.	7
5,852	255	2,902	10,934	28,041	455	30,027	Trans. equip.; mach. exc. elec.; fabricated metal.	8
49,843	2,382	26,929	103,160	288,617	3,586	307,518	(x)	9
20,876	958	10,419	44,290	112,213	1,502	119,301	Instruments; print. and publish.; elec equip.	10
10,924	490	5,562	22,853	68,470	793	73,035	Chemicals; food; electrical equip.	11
18,043	934	10,949	36,017	107,935	1,291	115,182	Primary metal; machinery exc. electrical; food.	12
76,908	3,475	48,128	160,223	441,859	4,577	479,463	(x)	13
20,356	924	12,908	43,055	113,974	1,219	122,287	Mach. exc. elec.; trans. equip.; fabricated metal.	14
10,439	522	7,047	22,718	63,440	643	70,292	Electrical equip.; trans. equip.; primary metal.	15
18,741	858	10,757	40,279	121,288	1,210	126,986	Machinery exc. elec.; food; elec. equip.	16
20,054	789	12,721	37,566	92,948	977	105,175	Trans. equip.; machinery exc. elec.; fab. metal.	17
7,318	381	4,697	16,606	50,209	528	54,723	Machinery exc. elec.; food; paper.	18
17,389	891	10,331	40,621	144,860	1,364	157,105	(x)	19
4,693	211	2,413	9,605	32,963	373	35,504	Machinery exc. elec.; food; fabricated metal.	20
3,383	171	2,191	8,684	30,654	236	33,221	Machinery exc. elec.; food; chemicals.	21
5,709	299	3,405	13,042	38,715	430	41,206	Transportation equip.; food; chemicals.	22
162	9	97	473	2,106	15	2,362	Machinery exc. elec.; food; petroleum and coal.	23
251	17	169	612	2,720	27	2,926	Food; machinery exc. electrical; instruments.	24
1,075	63	681	2,867	13,580	95	15,412	Food; machinery exc. elec.; elec. equip.	25
2,115	122	1,371	5,338	24,121	188	26,474	Trans. equip.; machinery exc. elec.; food.	26
31,502	2,131	19,996	72,304	231,731	3,045	253,671	(x)	27
1,141	32	410	1,596	8,030	67	9,050	Chemicals; transp. equip; food.	28
3,420	163	1,976	7,116	20,291	243	21,321	Food; electronic equipment; primary metal.	29
298	8	102	610	1,231	16	1,346	Printing and publishing; food; fabricated metal.	30
4,442	302	2,917	10,882	33,118	411	35,910	Chemicals; food; tobacco.	31
1,621	89	1,124	3,880	11,236	109	11,928	Chem.; primary metal; stone, clay, glass prod.	32
7,519	611	5,086	18,231	56,029	822	62,193	Textiles; tobacco; chemicals.	33
3,805	300	2,640	8,186	25,383	388	27,878	Textiles; chemicals; machinery exc. elec.	34
5,125	376	3,404	12,549	43,157	527	47,246	Textiles; transportation equipment; food.	35
4,133	250	2,336	9,255	33,257	462	36,799	Food; electrical equip.; chemicals.	36
14,506	1,036	9,959	36,234	111,156	1,309	121,981	(x)	37
3,452	209	2,303	9,546	28,845	267	30,403	Machinery exc. elec.; food; elec. equip.	38
5,219	376	3,481	12,663	36,397	492	41,258	Chemicals; food; machinery exc. elec.	39
3,773	273	2,698	8,406	28,552	346	30,509	Primary metals; paper; chemicals.	40
2,062	178	1,477	5,619	17,362	204	19,811	Petroleum; elec. equip; transp. equip.	41
18,319	1,017	10,990	52,112	247,547	1,678	281,945	(x)	42
1,932	161	1,401	4,882	16,483	197	18,510	Electronic equipment; food; paper.	43
2,683	145	1,799	9,418	50,319	208	57,796	Chemicals; petroleum; food.	44
2,051	110	1,164	4,662	21,764	205	25,311	Machinery exc. elec.; fabricated metal; petroleum.	45
11,653	601	6,626	33,150	158,981	1,068	180,328	Chemicals; petroleum; machinery exc. electrical.	46
5,991	312	3,489	13,622	52,358	572	56,759	(x)	47
312	19	236	802	4,710	23	4,290	Primary metals; lumber; petroleum.	48
625	40	432	1,430	4,967	50	5,005	Lumber; food; chemicals.	49
111	6	74	382	2,819	11	3,164	Petroleum; chemicals; stone, glass, clay.	50
2,125	98	1,143	4,472	15,396	188	17,213	Food; instruments; machinery exc. elec.	51
297	21	184	734	3,069	34	3,230	Primary metals; petroleum; food.	52
1,463	70	781	3,333	11,175	156	12,484	Elec. equip.; machinery exc. elec.; trans. equip.	53
867	49	522	1,974	8,845	92	9,815	Machinery exc. electrical; primary metals; trans. equip.	54
192	10	113	495	1,377	18	1,558	Stone, clay, glass; print and publishing; food.	55
31,929	1,505	17,720	71,245	236,335	2,587	253,570	(x)	56
4,054	181	2,385	8,955	35,376	304	36,790	Transportation equipment; lumber; food.	57
2,760	155	1,902	6,138	18,900	204	18,835	Lumber; food; instruments.	58
24,672	1,143	13,151	54,862	176,831	2,040	192,365	Transportation equip.; elec. equip.; food.	59
166	9	123	504	1,758	13	1,954	Food; chemicals; paper.	60
277	17	161	786	3,470	26	3,626	Food; petroleum; printing and publishing.	61

[4] For definition, see footnote 6, table 1366. [5] See footnote 7, table 1366.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1967 and 1972, General Summary,* MC 67(1)-1 and MC 72(1)-1; *Census of Manufactures, 1977,* vol. III, Area Statistics; and *Annual Survey of Manufactures.*

No. 1371. Manufactures Summary

[Data based on various editions of the *Standard Industrial Classification Manual*, published by the Office of

Industry code [1]	INDUSTRY GROUP	1967				1972			
		Establishments (number)	All employees: Number [2] (1,000)	All employees: Payroll (mil. dol.)	Value added by manufacture [3] (mil. dol.)	Establishments (number)	All employees: Number [2] (1,000)	All employees: Payroll (mil. dol.)	Value added by manufacture [3] (mil. dol.)
(X)	**All manufacturing establishments, incl. central administrative offices**	311,140	19,323	132,208	261,984	320,701	19,027	174,187	353,973
20	**Food and kindred products**	[5] 32,518	1,650	10,077	26,621	28,183	1,569	12,920	35,615
201	Meat products	4,914	310	1,954	3,551	4,437	308	2,544	4,961
202	Dairy products	6,188	232	1,449	3,466	4,590	189	1,596	4,054
203	Preserved fruits and vegetables	3,528	223	1,084	[6] 3,238	2,557	233	1,534	4,514
204	Grain mill products	3,202	112	758	2,862	3,080	111	1,013	3,699
205	Bakery products	4,300	264	1,665	3,495	3,633	235	2,029	4,537
206	Sugar and confectionery products	182	114	644	1,900	1,249	107	832	2,473
207	Fats and oils	(NA)	44	297	919	860	40	366	1,291
208	Beverages	4,376	221	1,525	4,790	3,624	212	2,033	6,689
209	Misc. foods and kindred products	4,498	130	700	2,375	4,153	134	974	3,397
21	**Tobacco products**	329	75	377	[6] 2,032	272	66	502	2,637
211	Cigarettes	16	37	221	[6] 1,640	20	38	345	2,188
212	Cigars	148	19	71	[6] 196	124	14	68	192
213	Chewing and smoking tobacco	46	4	18	[6] 64	37	3	23	103
214	Tobacco stemming and redrying	119	16	66	[6] 133	91	11	66	154
22	**Textile mill products**	7,080	929	4,391	8,153	7,201	953	6,051	11,716
221	Weaving mills, cotton	393	203	938	1,624	307	121	745	1,256
222	Weaving mills, manmade fiber	396	109	529	922	412	150	979	1,832
223	Weaving, finishing mills, wool	310	42	216	429	198	19	132	239
224	Narrow fabric mills	384	26	121	214	376	27	162	289
225	Knitting mills	2,698	241	1,036	1,914	2,723	277	1,647	3,161
226	Textile finishing, except wool	641	74	416	710	655	80	564	1,114
227	Floor covering mills	385	44	228	599	527	60	415	1,076
228	Yarn and thread mills	768	119	505	946	807	148	866	1,580
229	Misc. textile goods	1,105	72	401	795	1,196	72	540	1,149
23	**Apparel, other textile products**	26,393	1,357	5,582	10,064	24,438	1,368	7,212	13,486
231	Men's and boys' suits and coats	1,003	136	642	1,048	856	125	770	1,342
232	Men's and boys' furnishings	2,853	345	1,212	2,181	2,787	363	1,692	3,242
233	Women's and misses' outerwear	9,416	409	1,756	3,183	9,526	433	2,270	4,102
234	Women's, children's undergarments	1,213	114	444	867	1,002	105	525	1,049
235	Hats, caps, and millinery	843	24	102	164	496	15	73	133
236	Children's outerwear	1,334	78	298	538	1,061	75	368	709
237	Fur goods	1,304	9	59	117	797	5	41	86
238	Misc. apparel and accessories	1,397	71	285	510	1,302	62	336	636
239	Misc. fabricated textile products	7,030	173	785	1,457	6,611	186	1,139	2,188
24	**Lumber and wood products** [7]	36,795	554	2,799	4,973	33,949	691	4,986	10,310
241	Logging camps, log contractors	16,334	71	339	695	13,238	80	524	1,163
242	Sawmills and planing mills	11,461	216	1,028	1,784	9,452	204	1,488	3,259
243	Millwork, plywood, and structural members [7]	4,558	154	896	1,505	5,506	191	1,474	2,908
244	Wood containers [7]	905	31	135	239	1,160	37	204	359
245	*Wood buildings and mobile homes*	*(NA)*	*(NA)*	*(NA)*	*(NA)*	*993*	*97*	*745*	*1,491*
249	Misc. wood products [7]	3,537	83	401	750	3,600	82	550	1,129
25	**Furniture and fixtures**	10,008	425	2,258	4,170	9,233	462	3,205	6,097
251	Household furniture [7]	6,306	298	1,456	2,650	5,369	317	2,024	3,861
252	Office furniture	365	35	225	478	433	39	330	660
253	Public building, related furniture	438	23	132	234	422	21	158	296
254	Partitions and fixtures	1,970	48	324	587	2,010	57	484	871
259	Misc. furniture and fixtures	929	22	121	221	999	27	210	410
26	**Paper and allied products**	5,890	639	4,436	9,756	6,038	633	5,992	13,064
261	Pulpmills	61	15	126	334	60	11	126	307
262	Papermills, except building paper	354	140	1,121	2,356	349	130	1,440	2,909
263	Paperboard mills	283	67	534	1,509	273	69	778	1,994
264	Misc. converted paper products	2,492	187	1,187	2,833	2,525	189	1,630	4,008
265	Paperboard containers and boxes	2,606	219	1,387	2,541	2,739	224	1,907	3,599
266	Building paper and board mills	94	12	83	184	92	12	112	247

For footnotes, see pp. 772 and 773.

FOR INDUSTRY GROUPS: 1967 TO 1981

Management and Budget; see text, p. 762. See also *Historical Statistics, Colonial Times to 1970*, series P 58-67]

1977								1981			
Establishments		*All employees*		*Production workers*		*Value added by manufacture* [3] (mil. dol.)	Capital expenditures, new [4] (mil. dol.)	*All employees*		*Value added by manufacture* [3] (mil. dol.)	Capital expenditures, new [4] (mil. dol.)
Total	With 20 or more employees	Number [2] (1,000)	Payroll (mil. dol.)	Number [2] (1,000)	Wages (mil. dol.)			Number [2] (1,000)	Payroll (mil. dol.)		
359,928	**118,669**	**19,590**	**264,013**	**13,691**	**157,164**	**585,166**	**47,459**	**20,264**	**379,214**	**837,507**	**78,632**
26,656	**11,038**	**1,520**	**18,544**	**1,072**	**11,731**	**56,062**	**4,215**	**1,511**	**24,696**	**80,795**	**6,012**
4,534	1,715	309	3,702	254	2,817	7,478	533	317	4,861	10,159	698
3,731	1,617	154	1,939	85	988	5,648	389	147	2,463	7,908	533
2,379	1,263	235	2,936	199	1,793	7,685	471	228	3,088	10,598	692
3,043	1,076	113	1,576	79	1,034	6,626	620	109	2,095	9,852	964
3,386	1,289	222	2,866	131	1,525	7,073	365	223	3,829	9,763	379
1,198	518	105	1,206	84	868	4,151	313	99	1,586	5,659	387
869	458	41	561	30	365	1,905	208	41	744	2,946	380
3,104	1,689	195	2,849	100	1,369	9,901	994	199	3,940	14,855	1,507
4,412	1,413	146	1,509	111	972	5,596	322	150	2,090	9,054	474
228	***123***	***61***	***751***	***50***	***571***	***4,334***	***182***	***61***	***1,219***	***6,430***	***726***
14	13	39	568	33	442	3,803	118	42	994	5,664	579
101	34	8	55	7	44	126	3	6	57	150	5
35	19	3	32	3	22	189	7	4	51	407	58
78	57	11	96	8	63	217	53	10	117	209	84
7,202	**4,131**	**876**	**7,881**	**765**	**6,203**	**16,105**	**1,224**	**785**	**9,574**	**19,463**	**1,725**
314	192	117	1,047	107	902	1,945	187	100	1,220	2,249	289
449	351	151	1,429	135	1,169	2,791	260	142	1,878	3,608	409
165	84	15	137	13	106	313	15	14	190	438	18
335	182	21	172	18	131	351	16	21	245	478	26
2,617	*1,511*	*236*	*1,911*	*206*	*1,470*	*3,863*	*245*	*216*	*2,339*	*4,709*	*299*
678	395	72	740	60	554	1,417	125	59	794	1,624	102
592	285	56	557	44	380	1,530	83	47	643	1,693	119
798	608	141	1,184	127	994	2,255	180	127	1,434	2,702	291
1,254	523	68	706	55	498	1,641	112	60	831	1,963	173
26,505	**11,932**	**1,334**	**9,659**	**1,157**	**7,253**	**19,671**	**457**	**1,251**	**11,805**	**25,640**	**646**
737	467	99	822	86	646	1,574	26	80	879	1,631	36
3,013	2,129	365	2,340	323	1,863	4,935	118	327	2,928	6,624	146
11,834	5,556	448	3,153	387	2,304	6,430	134	444	3,921	8,564	220
878	595	92	613	79	449	1,250	23	92	794	1,743	34
409	*169*	*15*	*105*	*13*	*79*	*186*	*4*	*20*	*175*	*348*	*20*
1,002	686	71	459	61	349	879	14	69	568	1,205	17
620	48	4	52	3	36	113	1	4	68	160	(z)
1,284	593	56	408	48	288	845	21	54	526	1,133	24
6,728	1,689	185	1,707	156	1,238	3,459	116	160	1,946	4,231	150
37,302	**7,056**	**692**	**7,425**	**595**	**5,795**	**16,223**	**1,563**	**649**	**8,991**	**17,321**	**1,781**
15,469	708	83	1,009	75	840	2,419	387	86	1,200	2,606	381
9,000	2,273	211	2,228	166	1,849	4,975	585	190	2,612	4,675	650
6,149	1,878	197	2,216	167	1,715	4,701	273	190	2,767	5,103	398
1,949	540	38	300	33	234	540	30	38	392	698	48
1,165	752	80	858	63	576	1,789	110	66	974	1,931	65
3,570	905	83	813	69	581	1,800	180	79	1,046	*2,309*	*239*
10,235	**3,588**	**464**	**4,448**	**384**	**3,192**	**8,922**	**389**	**460**	**5,983**	**12,669**	**573**
6,161	2,224	310	2,669	265	1,999	5,213	211	292	3,370	6,971	296
523	233	45	543	35	376	1,236	68	54	910	2,152	128
420	185	20	214	15	133	415	22	21	293	580	28
2,134	666	57	675	44	454	1,311	59	62	954	1,909	73
997	280	32	347	24	230	747	29	31	455	1,057	48
6,545	**3,999**	**629**	**8,943**	**486**	**6,323**	**22,171**	**3,295**	**636**	**12,644**	**32,367**	**4,656**
45	42	16	293	13	221	906	301	16	408	1,222	301
339	287	127	2,167	100	1,632	5,407	1,115	130	3,236	8,534	2,109
249	232	68	1,176	53	866	3,081	934	62	1,570	4,305	974
2,994	1,435	207	2,608	158	1,771	7,263	507	221	3,839	10,932	746
2,860	1,950	204	2,602	157	1,733	5,296	421	200	3,479	7,163	499
58	53	7	97	6	78	218	17	7	111	211	27

NO. 1371. MANUFACTURES SUMMARY

[See headnote,

Industry code [1]	INDUSTRY GROUP	1967				1972			
		Establishments (number)	All employees: Number [2] (1,000)	All employees: Payroll (mil. dol.)	Value added by manufacture [3] (mil. dol.)	Establishments (number)	All employees: Number [2] (1,000)	All employees: Payroll (mil. dol.)	Value added by manufacture [3] (mil. dol.)
27	**Printing and publishing**	**37,989**	**1,031**	**7,152**	**14,355**	**42,103**	**1,057**	**9,831**	**20,210**
271	Newspapers	8,094	336	2,224	4,185	8,116	349	3,168	6,220
272	Periodicals	2,510	79	634	1,869	2,534	67	709	2,110
273	Books	1,766	97	688	1,967	1,905	98	919	2,540
274	Misc. publishing	1,493	31	197	418	2,041	39	331	776
275	Commercial printing [7]	19,497	331	2,358	3,944	22,282	344	3,277	5,695
276	Manifold business forms	542	34	240	551	667	39	344	824
277	Greeting card publishing [7]	222	28	151	372	199	24	192	527
278	Blankbooks and bookbinding	1,462	54	294	506	1,465	52	372	667
279	Printing trades services [7]	2,403	42	366	544	2,894	47	521	831
28	**Chemicals and allied products** [7]	**11,799**	**841**	**6,443**	**23,550**	**11,425**	**837**	**8,731**	**32,414**
281	Industrial inorganic chemicals [7]	2,032	248	2,090	7,737	1,049	100	1,079	3,343
282	Plastics materials, synthetics [7]	771	172	1,292	3,799	461	162	1,666	4,935
283	Drugs	1,129	118	942	4,073	1,078	130	1,413	6,131
284	Soap, cleaners, toilet goods [7]	2,508	97	684	3,930	2,573	112	1,058	6,201
285	Paints and allied products	1,701	66	492	1,319	1,599	66	647	1,792
286	Industrial organic chemicals	184	6	34	101	827	137	1,614	6,073
287	Agricultural chemicals [7]	1,278	48	281	1,006	1,233	48	438	1,737
289	Misc. chemical products [7]	2,196	86	628	1,587	2,605	83	814	2,203
29	**Petroleum and coal products**	**1,880**	**142**	**1,216**	**5,426**	**2,016**	**140**	**1,638**	**5,793**
291	Petroleum refining	437	107	965	4,745	323	101	1,247	4,595
295	Paving and roofing materials	1,098	27	186	456	1,199	30	297	846
299	Misc. petroleum and coal products	345	8	65	225	494	9	94	352
30	**Rubber and miscellaneous plastics products** [7]	**6,456**	**517**	**3,287**	**6,800**	**9,237**	**618**	**5,165**	**11,653**
301	Tires and inner tubes	182	93	775	1,823	206	108	1,214	3,071
302	Rubber, plastics footwear [7]	65	29	141	245	107	32	183	370
303	Reclaimed rubber	24	2	12	23	20	1	9	16
304	Rubber and plastics hose, belting	(NA)	(NA)	(NA)	(NA)	90	32	309	619
306	Fabricated rubber products, n.e.c. [7]	1,189	142	923	1,741	1,116	99	809	1,573
307	Misc. plastics products [7]	4,996	252	1,436	2,968	7,698	347	2,642	6,005
31	**Leather and leather products**	**[5] 3,685**	**[6] 329**	**[5] 1,459**	**[5] 2,627**	**3,201**	**273**	**1,589**	**2,917**
311	Leather tanning and finishing	519	31	186	319	517	26	200	368
313	Boot, shoe cut stock, findings	379	14	60	109	248	9	50	86
314	Footwear, except rubber	1,083	211	869	1,620	917	176	973	1,796
315	Leather gloves and mittens	147	6	22	36	106	5	22	43
316	Luggage	333	21	97	186	277	17	107	194
317	Women's handbags and purses	792	37	163	279	688	34	195	345
319	Leather goods, n.e.c. [7]	365	6	26	46	448	7	43	84
32	**Stone, clay, and glass products**	**15,580**	**590**	**3,826**	**8,333**	**16,015**	**623**	**5,547**	**12,587**
321	Flat glass	64	24	197	423	32	21	242	662
322	Glass, pressed or blown	305	109	688	1,501	369	119	1,058	2,341
323	Products of purchased glass	887	29	182	394	913	34	296	669
324	Cement, hydraulic	197	33	248	812	198	30	349	1,154
325	Structural clay products	851	60	344	612	775	52	391	771
326	Pottery and related products	619	43	247	419	620	45	335	601
327	Concrete, gypsum, plaster products	10,004	169	1,103	2,478	10,115	193	1,741	3,840
328	Cut stone and stone products	811	17	91	148	908	15	109	191
329	Misc. nonmetallic mineral products [7]	1,842	106	726	1,547	2,085	115	1,025	2,359
33	**Primary metal industries** [7]	**6,837**	**1,281**	**9,851**	**19,978**	**6,792**	**1,143**	**12,167**	**23,258**
331	Blast furnace and basic steel products	861	617	5,022	10,170	970	553	6,389	12,116
332	Iron and steel foundries	1,438	233	1,641	2,631	1,400	219	2,155	3,481
333	Primary nonferrous metals	144	53	405	1,382	177	59	627	1,706
334	Secondary nonferrous metals	403	17	123	271	381	18	170	411
335	Nonferrous rolling and drawing	893	195	1,438	3,325	903	188	1,871	3,800
336	Nonferrous foundries	1,886	90	609	1,068	1,841	81	722	1,269
339	Misc. primary metal products [7]	1,272	76	613	1,132	1,120	25	233	476

For footnotes, see pp. 772 and 773.

FOR INDUSTRY GROUPS: 1967 TO 1981—Continued

pp. 768 and 769]

1977								1981			
Establishments		All employees		Production workers		Value added by manufacture [3] (mil. dol.)	Capital expenditures, new [4] (mil. dol.)	All employees		Value added by manufacture [3] (mil. dol.)	Capital expenditures, new [4] (mil. dol.)
Total	With 20 or more employees	Number [2] (1,000)	Payroll (mil. dol.)	Number [2] (1,000)	Wages (mil. dol.)			Number [2] (1,000)	Payroll (mil. dol.)		
49,767	**9,132**	**1,092**	**14,025**	**626**	**7,322**	**31,980**	**1,598**	**1,270**	**20,609**	**49,352**	**3,076**
8,867	2,147	350	4,306	147	1,805	9,519	478	419	6,289	14,258	1,023
2,994	525	70	1,020	11	116	3,763	79	80	1,564	6,075	171
2,694	716	106	1,379	51	544	4,291	134	114	1,923	6,150	257
2,352	335	42	503	15	150	1,291	39	42	666	1,892	60
26,815	3,637	356	4,702	275	3,275	8,551	640	422	7,021	13,485	1,157
795	477	45	575	33	391	1,492	82	48	860	2,394	140
166	52	18	227	11	106	656	19	21	349	1,265	71
1,492	576	56	579	46	419	1,149	55	66	876	1,875	72
3,592	667	48	735	36	516	1,268	72	59	1,061	1,958	125
12,173	**4,602**	**880**	**13,839**	**544**	**7,446**	**56,721**	**8,199**	**892**	**19,723**	**80,032**	**9,471**
1,282	490	110	1,847	68	1,033	6,467	1,056	114	2,707	9,274	1,112
551	408	157	2,471	111	1,558	7,843	1,316	147	3,354	10,211	1,606
1,243	482	156	2,460	80	997	9,940	579	170	3,715	14,879	1,047
2,528	739	112	1,526	71	823	9,407	334	122	2,320	13,881	562
1,579	653	61	883	33	394	2,821	167	60	1,167	3,867	231
879	510	153	2,794	98	1,625	12,875	3,353	148	3,837	16,229	3,275
1,325	482	54	784	35	455	3,808	1,107	56	1,156	6,217	1,141
2,786	838	77	1,075	47	561	3,539	287	77	1,468	5,474	497
2,206	**773**	**147**	**2,716**	**101**	**1,765**	**16,378**	**2,261**	**152**	**4,076**	**26,740**	**5,158**
349	279	103	2,055	71	1,366	14,424	2,109	109	3,188	24,149	4,943
1,297	328	32	481	24	319	1,272	113	29	582	1,509	126
560	166	12	180	6	80	682	40	14	306	1,083	89
11,943	**5,294**	**721**	**8,536**	**564**	**5,842**	**19,740**	**1,645**	**691**	**11,047**	**26,006**	**2,217**
200	126	114	1,832	88	1,366	4,347	289	79	1,859	4,854	302
84	50	20	159	16	116	272	11	19	191	360	15
21	9	1	12	1	8	25	1	1	10	26	(Z)
146	103	34	457	23	275	974	55	27	526	1,075	96
1,280	621	99	1,164	77	795	2,352	135	96	1,580	3,317	246
10,212	4,385	454	4,912	358	3,281	11,770	1,154	470	6,881	16,375	1,558
3,075	**1,486**	**243**	**1,860**	**212**	**1,408**	**3,719**	**96**	**228**	**2,363**	**5,230**	**200**
465	191	23	255	20	192	535	31	20	304	648	48
190	96	9	65	7	49	109	3	10	106	220	8
811	603	146	1,032	129	822	2,070	37	133	1,315	2,988	104
101	66	6	34	5	26	68	2	6	42	74	1
298	130	19	164	16	106	328	8	19	216	500	18
678	283	32	242	28	170	472	11	32	299	590	9
532	117	9	68	7	44	137	4	8	83	211	11
17,744	**5,201**	**614**	**7,943**	**484**	**5,767**	**19,130**	**1,881**	**590**	**10,575**	**24,854**	**2,581**
62	32	22	401	19	328	931	81	17	416	915	105
508	249	117	1,548	101	1,269	3,592	365	107	2,085	4,842	449
1,101	325	36	429	29	306	960	73	41	664	1,361	104
201	160	28	485	22	380	1,672	297	28	688	1,972	411
711	471	45	486	37	360	1,056	82	39	593	1,255	120
934	241	43	460	36	342	894	45	40	607	1,196	68
10,844	2,711	184	2,367	134	1,559	5,391	605	182	3,160	7,112	847
993	164	13	132	11	99	238	10	12	157	293	17
2,390	848	126	1,635	97	1,124	4,395	323	123	2,205	5,909	461
7,375	**3,980**	**1,114**	**18,745**	**885**	**14,065**	**37,568**	**4,497**	**1,063**	**25,322**	**49,551**	**6,339**
1,216	740	530	10,086	418	7,631	18,318	2,443	477	13,364	24,663	3,209
1,465	1,033	222	3,329	184	2,583	6,237	659	208	4,031	6,901	923
160	99	57	1,032	45	768	3,619	587	58	1,554	3,944	685
460	200	19	270	14	170	769	114	22	435	916	190
1,002	711	177	2,640	136	1,902	5,902	461	181	3,813	8,898	1,004
1,892	805	82	1,044	69	783	1,960	164	84	1,482	2,742	227
1,180	392	26	345	20	229	763	70	34	643	1,487	122

NO. 1371. MANUFACTURES SUMMARY

[See headnote,

Industry code [1]	INDUSTRY GROUP	1967				1972			
		Establishments (number)	All employees: Number [2] (1,000)	All employees: Payroll (mil. dol.)	Value added by manufacture [3] (mil. dol.)	Establishments (number)	All employees: Number [2] (1,000)	All employees: Payroll (mil. dol.)	Value added by manufacture [3] (mil. dol.)
34	**Fabricated metal products** [7]	[5] **27,418**	[5] **1,342**	[5] **9,320**	[5] **18,043**	**29,525**	**1,493**	**13,821**	**26,946**
341	Metal cans, shipping containers [7]	299	60	474	1,142	553	79	840	2,005
342	Cutlery, handtools, hardware	1,939	156	1,043	2,318	1,904	159	1,405	3,253
343	Plumbing and heating, exc. electric [7]	838	65	428	872	757	61	524	1,132
344	Fabricated structural metal products	10,151	388	2,687	4,934	10,351	395	3,532	6,743
345	Screw machine products, bolts, etc	2,536	116	847	1,621	2,482	101	948	1,845
346	Metal forgings, stampings [7]	2,710	226	1,686	3,031	3,188	264	2,791	5,057
347	Metal services, n.e.c.	4,684	81	481	864	4,761	82	624	1,120
348	Ordnance and accessories, n.e.c. [7]	(NA)	(NA)	(NA)	(NA)	315	110	1,015	1,507
349	Misc. fabricated metal products [7]	2,711	189	1,309	2,591	5,214	244	2,142	4,283
35	**Machinery, exc. electrical**	**37,892**	**1,865**	**14,226**	**27,836**	**40,792**	**1,828**	**18,523**	**37,563**
351	Engines and turbines	182	100	820	1,598	253	116	1,320	2,900
352	Farm and garden machinery	1,618	136	947	2,042	1,658	125	1,211	2,701
353	Construction and related machinery	2,305	273	2,041	4,130	2,517	275	2,856	5,962
354	Metalworking machinery	9,439	337	2,660	5,091	9,652	268	2,859	4,902
355	Special industry machinery	3,312	207	1,570	2,880	3,685	190	1,854	3,732
356	General industrial machinery	3,760	279	2,137	4,107	3,863	262	2,585	5,020
357	Office and computing machines	594	190	1,462	3,332	995	208	2,277	4,905
358	Refrigeration, service machinery	1,573	140	947	2,125	1,769	198	1,864	4,427
359	Misc. machinery, except electrical [7]	15,109	203	1,443	2,531	16,400	184	1,697	3,016
36	**Electric and electronic equipment** [7]	**10,706**	**1,875**	**12,968**	**24,487**	**12,270**	**1,662**	**15,189**	**30,558**
361	Electric distributing equipment [7]	1,218	176	1,230	2,509	784	116	1,040	2,060
362	Electrical industrial apparatus	1,316	207	1,420	2,792	1,510	188	1,665	3,218
363	Household appliances	637	169	1,101	2,540	645	163	1,369	3,563
364	Electric lighting and wiring equipment	1,868	157	950	2,214	1,897	177	1,414	3,277
365	Radio and TV receiving equipment	661	130	720	1,587	939	107	798	2,183
366	Communication equipment	1,402	525	4,397	6,993	1,976	454	4,912	8,453
367	Electronic components, accessories	2,439	403	2,435	4,359	2,867	336	2,869	5,306
369	Misc. electrical equipment, supplies	1,165	107	715	1,494	1,652	120	1,121	2,498
37	**Transportation equipment** [7]	**7,483**	**1,834**	**15,174**	**28,174**	**8,802**	**1,719**	**19,880**	**39,799**
371	Motor vehicles and equipment [7]	2,675	739	5,930	13,666	3,391	808	9,461	22,056
372	Aircraft and parts [6]	1,273	802	7,209	11,327	1,094	439	5,282	9,124
373	Ship and boat building and repairing	2,011	169	1,239	1,705	2,232	185	1,704	2,398
374	Railroad equipment	123	57	427	788	163	51	529	1,113
375	Motorcycles, bicycles, parts	91	12	70	136	222	18	140	315
376	Guided missiles, space vehicles	(NA)	(NA)	(NA)	(NA)	147	160	2,317	3,969
379	Misc. transportation equipment [7]	1,310	55	298	551	1,553	59	448	824
38	**Instruments and related products** [7]	**4,453**	**394**	**2,822**	**6,418**	**5,983**	**453**	**4,286**	**10,580**
381	Engineering, scientific instruments	677	46	327	617	743	37	365	681
382	Measuring and control devices [7]	766	104	732	1,392	1,611	153	1,437	2,724
383	Optical instruments and lenses [7]	303	21	163	284	494	19	193	384
384	Medical instruments and supplies	1,466	67	427	966	1,807	91	758	1,821
385	Ophthalmic goods	461	26	143	284	499	27	183	416
386	Photographic equip. and supplies	557	95	820	2,481	627	96	1,120	4,088
387	Watches, clocks, and watchcases	223	35	209	393	202	31	230	466
39	**Misc. manufacturing** [7] [8]	**14,489**	**824**	**5,819**	**10,189**	**15,187**	**446**	**3,180**	**6,769**
391	Jewelry, silverware, and plated ware	2,212	52	320	641	2,296	53	425	851
393	Musical instruments	343	25	144	238	344	25	173	339
394	Toys and sporting goods	2,435	116	559	1,205	2,460	133	881	1,999
395	Pens, office and art goods	959	35	200	412	966	32	244	557
396	Costume jewelry and notions	1,608	52	252	528	1,482	50	323	720
399	Misc. manufactures [7] [8]	6,932	544	4,345	7,163	7,639	153	1,134	2,303
(X)	**Administrative and auxiliary** [9]	**5,460**	**831**	**8,728**	(X)	**8,039**	**994**	**13,772**	(X)

NA Not available. X Not applicable. Z Less than $500.000. [1] Standard Industrial Classification Code; see text, pp. 761 and 762. [2] "All employees" represents the average of "production workers" plus all other employees for the payroll period ended nearest the 15th of March. [3] See footnote 6, table 1366. [4] Includes expenditures for plants in operation and plants under construction but not yet in operation. [5] Includes industries not shown separately. [6] Value of production. The formula for computing value added by manufacture was modified to exclude any change in finished products inventories between beginning and end of year.

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1977								1981			
Establishments		All employees		Production workers		Value added by manufacture [3] (mil. dol.)	Capital expenditures, new [4] (mil. dol.)	All employees		Value added by manufacture [3] (mil. dol.)	Capital expenditures, new [4] (mil. dol.)
Total	With 20 or more employees	Number [2] (1,000)	Payroll (mil. dol.)	Number [2] (1,000)	Wages (mil. dol.)			Number [2] (1,000)	Payroll (mil. dol.)		
33,712	**12,739**	**1,556**	**21,036**	**1,192**	**14,429**	**45,512**	**2,606**	**1,568**	**28,531**	**61,558**	**4,573**
587	413	72	1,247	60	1,000	3,644	209	62	1,530	4,290	407
2,137	877	169	2,179	133	1,553	5,177	299	165	2,861	6,620	450
1,015	341	53	637	41	423	1,574	74	51	819	1,908	116
11,817	4,279	426	5,492	309	3,467	11,785	580	451	7,825	16,223	907
2,627	1,102	105	1,414	82	983	2,864	184	111	1,963	4,045	228
3,715	1,875	288	4,511	236	3,419	8,913	604	262	5,383	10,794	1,315
5,095	1,373	94	1,009	77	706	1,963	121	102	1,479	3,013	239
346	151	70	992	47	559	1,737	83	80	1,617	3,083	129
6,373	2,328	279	3,556	208	2,318	7,855	452	283	5,055	11,582	782
48,200	**12,446**	**2,083**	**30,558**	**1,414**	**18,298**	**67,223**	**4,402**	**2,380**	**48,643**	**111,394**	**8,822**
315	168	130	2,238	90	1,405	4,960	330	126	3,087	7,382	716
2,159	756	151	2,197	111	1,456	5,490	371	143	2,932	7,053	558
3,229	1,518	333	5,097	226	3,185	11,836	932	361	8,116	20,749	1,557
10,630	2,680	298	4,514	218	2,963	8,747	439	342	7,006	14,466	919
4,090	1,487	185	2,616	118	1,450	5,271	244	195	3,748	7,460	400
4,947	1,806	314	4,451	212	2,712	9,673	553	334	6,707	14,643	938
1,317	610	259	3,949	124	1,384	9,921	626	388	8,235	21,174	2,350
2,114	837	192	2,516	138	1,637	5,963	288	192	3,466	8,291	491
19,399	2,584	223	2,980	177	2,106	5,362	421	300	5,346	10,177	893
14,973	**6,338**	**1,723**	**22,544**	**1,191**	**12,952**	**50,366**	**2,867**	**1,959**	**35,989**	**79,720**	**6,645**
947	459	115	1,431	85	910	3,336	141	117	2,031	4,827	219
1,646	819	198	2,543	142	1,572	5,614	311	210	3,819	8,559	653
666	342	162	1,898	129	1,352	5,276	207	148	2,344	5,926	305
2,009	913	165	1,925	127	1,292	4,741	217	175	2,770	6,649	380
1,290	325	98	1,097	75	740	3,078	136	79	1,323	3,728	227
2,385	1,126	459	6,995	260	3,226	14,130	689	574	12,223	24,984	1,900
4,455	1,671	374	4,557	258	2,457	9,260	783	504	8,664	18,537	2,459
1,575	683	152	2,098	116	1,402	4,930	383	153	2,815	6,511	504
10,176	**3,653**	**1,768**	**30,673**	**1,284**	**20,314**	**64,291**	**4,671**	**1,749**	**42,336**	**82,938**	**10,795**
4,234	1,708	876	16,038	728	12,682	37,023	3,636	696	17,028	34,841	8,115
1,173	549	431	7,621	240	3,564	14,732	508	581	14,770	28,144	1,637
2,795	736	220	2,940	176	2,132	4,681	204	220	4,329	7,361	446
201	118	56	889	43	620	1,883	80	49	1,094	2,302	140
350	63	16	169	13	130	370	24	14	223	427	27
109	86	120	2,427	46	771	4,422	164	152	4,228	8,211	368
1,314	393	49	591	39	416	1,181	54	38	664	1,653	63
7,481	**2,538**	**559**	**7,520**	**347**	**3,743**	**18,762**	**939**	**612**	**11,565**	**31,494**	**2,024**
786	279	42	584	25	281	1,287	57	44	817	1,943	115
2,079	849	200	2,666	121	1,288	5,242	268	227	4,210	9,180	571
545	199	30	421	17	188	897	51	43	783	1,982	127
2,355	679	114	1,319	77	712	3,262	172	137	2,183	5,699	393
634	155	30	314	22	188	656	44	26	387	863	28
780	265	112	1,900	62	887	6,732	323	114	2,888	11,199	772
302	112	32	317	24	199	685	23	21	297	628	17
17,259	**3,794**	**441**	**4,406**	**339**	**2,745**	**10,291**	**474**	**413**	**5,630**	**13,954**	**613**
3,118	564	61	638	44	373	1,449	40	54	761	1,832	56
450	127	25	253	21	178	488	14	24	335	620	20
2,910	835	119	1,112	93	697	3,000	148	109	1,409	4,440	182
987	261	32	331	23	203	868	55	33	466	1,284	56
1,514	467	51	451	42	293	1,002	44	45	509	1,147	50
8,280	1,540	152	1,623	116	1,001	3,485	173	149	2,150	4,631	249
9,171	**4,856**	**1,074**	**21,981**	**(x)**	**(x)**	**(x)**	**(x)**	**1,344**	**37,895**	**(x)**	**(x)**

[7] Due to changes in industry classification, 1967 data not comparable with later data. [8] For 1967, includes ordnance from privately owned and/or operated establishments classified in "Ordnance and accessories." Excludes government-owned and -operated equipment. [9] Manufacturing concerns often reported separately for central offices or auxiliaries which serve the manufacturing establishments of a company, rather than the general public. Separate reports were obtained from such units if at a different location or if they serviced more than one establishment.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1967, 1972,* and *1977, General Summary,* MC67(1), MC72(1)-1, and MC77(1)-1, and *Annual Survey of Manufactures.*

No. 1372. Index of Manufacturing Capacity and Relation of Output to Capacity: 1950 to 1982

[1967 output=100. Annual figures are averages of quarterly data. Capacity represents estimated quantity of output, relative to output in 1967, which the *current* stock of plant and equipment in manufacturing industries was capable of producing. Primary processing industries comprise textiles, lumber, paper and pulp, petroleum, rubber, stone, clay, glass, primary metals, fabricated metals, and a portion of chemicals. Advanced processing industries comprise chemical products, food, beverages, tobacco, apparel, furniture, printing and publishing, leather, machinery, transportation equipment, instruments, ordnance, and miscellaneous industry groups]

YEAR	Index of capacity	Relation of output to capacity (percent)			YEAR	Index of capacity	Relation of output to capacity (percent)		
		All manufacturing	Primary processing	Advanced processing			All manufacturing	Primary processing	Advanced processing
1950	54	83	89	80	1974	155	84	88	82
1955	67	87	92	84	1975	160	73	74	73
1960	82	80	80	80	1976	164	80	82	78
1965	100	90	91	89	1977	168	82	85	81
1967	115	87	86	88	1978	173	85	88	83
1968	122	87	88	87	1979	179	86	90	84
1969	129	86	89	85	1980	184	80	80	79
1970	134	80	83	78	1981	189	78	81	79
1971	138	79	82	76	1982	193	71	69	72
1972	142	84	88	81	1983: 1st qtr	196	71	71	71
1973	148	88	92	85	2nd qtr	197	74	74	73

Source: Board of Governors of the Federal Reserve System, *Capacity Utilization In Manufacturing, Mining, Utilities, and Industrial Materials*, G.3., July 1983. (Based on data from Federal Reserve Board, U.S. Dept. of Commerce, U.S. Bureau of Labor Statistics, and McGraw-Hill Information Systems Company, New York, N.Y.; and other sources.)

No. 1373. Manufacturers' Shipments, Inventories, and Orders: 1950 to 1982

[In billions of dollars, except ratio. See also *Historical Statistics, Colonial Times to 1970*, series P 74-92]

YEAR	Shipments, total	Inventories, total (Dec. 31)	Ratio of inventories to shipments [1]	New orders, total	Unfilled orders, total (Dec. 31)	YEAR	Shipments, total	Inventories, total (Dec. 31)	Ratio of inventories to shipments [1]	New orders, total	Unfilled orders, total (Dec. 31)
1950	223.6	31.5	1.41	242.1	41.2	1967	557.8	84.4	1.71	564.7	104.0
1951	260.6	39.2	1.78	286.7	66.9	1968	602.7	90.2	1.76	608.2	109.5
1952	270.3	41.5	1.71	278.5	75.5	1969	642.0	97.7	1.81	647.4	114.9
1953	298.1	44.2	1.90	283.0	60.3	1970	633.7	101.2	1.91	624.5	105.7
1954	280.3	41.8	1.71	268.0	48.2	1971	670.9	102.3	1.76	671.8	106.6
1955	317.8	45.2	1.63	329.6	60.0	1972	756.3	107.9	1.58	770.1	120.4
1956	332.9	50.7	1.74	340.4	67.5	1973	875.2	124.3	1.63	915.1	160.3
1957	344.8	51.9	1.90	330.7	53.3	1974	1,017.5	157.6	1.86	1,047.2	190.0
1958	327.0	50.0	1.75	324.1	46.8	1975	1,039.1	159.8	1.77	1,021.8	172.7
1959	363.4	52.7	1.68	368.8	52.1	1976	1,185.6	174.9	1.66	1,194.5	181.6
1960	370.5	53.6	1.79	362.9	44.5	1977	1,358.4	188.4	1.58	1,380.7	203.9
1961	371.1	54.7	1.67	373.3	46.7	1978	1,522.9	209.1	1.55	1,579.4	260.5
1962	400.3	58.1	1.76	401.2	47.6	1979	1,727.2	239.1	1.61	1,770.0	302.8
1963	420.7	59.9	1.66	426.4	53.3	1980	1,852.7	261.7	1.61	1,873.7	323.9
1964	448.0	63.3	1.62	460.1	65.4	1981	2,017.5	279.5	1.74	2,015.1	321.4
1965	491.9	68.0	1.58	505.3	78.8	1982	1,910.1	262.0	1.71	1,888.4	299.7
1966	538.4	77.7	1.70	556.8	97.2						

[1] Ratio based on December seasonally adjusted data.

Source: U.S. Bureau of the Census, *Current Industrial Reports, Manufacturers' Shipments, Inventories, and Orders: 1977-1982*, series M3-1.12, and unpublished data.

No. 1374. Finances of Manufacturing Corporations: 1960 to 1982

[In billions of dollars. See tables 928 and 929 for individual industry data]

ITEM	1960	1965	1970	1972	1974	1975	1976	1977	1978	1979	1980	1981	1982
Net sales	346	492	709	850	1,061	1,065	1,203	1,328	1,496	1,742	1,897	2,145	2,039
Net operating profit	26	46	50	66	84	77	97	107	122	135	129	144	105
Net profit:													
Before taxes	28	47	48	63	97	80	105	115	133	154	145	158	108
After taxes	15	28	29	36	59	49	65	70	81	99	92	101	71
Cash dividends	8	12	15	16	19	20	23	27	29	32	36	40	41
Net income retained in business	7	16	14	20	39	29	42	44	52	66	58	61	30

Source: Through 1981, U.S. Federal Trade Commission; thereafter, U.S. Bureau of the Census. *Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations*, first quarter report of year subsequent to reported year.

No. 1375. Operating Manufacturing Establishments—Selected Data, by Legal Form of Organization: 1977

[For establishment coverage, see text, p. 762. See also *Historical Statistics, Colonial Times to 1970*, series P 205-211]

Form of organization	Establishments [1] (1,000)	All employees		Production workers		Value added by manufacture [3] (mil. dol.)	Capital expenditures, new (mil. dol.)
		Total [2] (1,000)	Payroll (mil. dol.)	Total [2] (1,000)	Wages (mil. dol.)		
Corporate	284.2	19,114	259,306	13,302	153,891	574,113	46,249
Noncorporate, total [4]	75.7	476	4,707	389	3,273	11,052	1,210
Individual proprietorship	52.3	202	1,840	174	1,322	3,961	300
Partnership	18.3	123	1,213	100	829	2,681	206

[1] Includes administrative offices and auxiliary units. [2] For method of calculation, see text, p. 761. [3] For definition, see footnote 6, table 1366. [4] Includes forms of organization not shown separately.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977*, vol. I, and special report, *Type of Organization*, MC 77(SR)-3.

No. 1376. Manufactures—Summary, by Employee Size-Class: 1977

Item	All establishments	Establishments with total employees—					Percent distribution				
		Under 20	20-99	100-249	250-999	1,000 and over	Under 20	20-99	100-249	250-999	1,000 and over
Establishments [1] (1,000)	351	237	78	22	12	2	67.5	22.3	6.1	3.4	.6
Employees [1] (1,000)	18,515	1,206	3,490	3,336	5,393	5,091	6.5	18.8	18.0	29.1	27.5
Payroll [1] (mil. dol.)	242,032	13,712	38,690	37,772	66,248	85,609	5.7	16.0	15.6	27.4	35.4
Value added [2] (mil. dol.)	585,166	30,081	89,829	92,232	172,607	200,417	5.1	15.4	15.8	29.5	34.2
Shipments [3] (mil. dol.)	1,358,526	29,922	211,422	220,485	404,763	456,596	2.2	15.6	16.2	29.8	33.6

[1] Excludes administrative offices and auxiliary units. [2] For definition, see footnote 6, table 1366. [3] Individual size-class data do not add to total because they were derived from separate tabulations. See footnote 7, table 1366.

No. 1377. Manufacturing Employment, 1963 to 1981, and Value Added, 1963 to 1980—Percent Distribution, by Geographic Divisions

[For composition of regions, see fig. I, inside front cover. For definition of "value added," see table 1366]

Region	Employment							Value added					
	1963	1967	1972	1977	1978	1980	1981	1963	1967	1972	1977	1978	1980
Northeast	32.4	30.7	27.9	25.8	25.1	25.4	25.3	29.8	29.1	26.3	23.7	23.4	24.2
North Central	32.4	32.9	32.2	31.9	31.8	29.8	29.3	35.4	35.0	34.9	34.4	34.3	31.1
South	22.9	24.2	27.5	28.3	28.6	29.2	29.8	21.5	22.7	25.5	27.4	27.4	28.5
West	12.3	12.2	12.4	13.9	14.4	15.5	15.6	13.3	13.0	13.4	14.5	14.8	16.2

Source of tables 1376 and 1377: U.S. Bureau of the Census, *Census of Manufactures, 1963, 1967, 1972* and *1977: General Summary*, MC(1)-1; and *Annual Survey of Manufactures*.

No. 1378. Capital in Manufacturing Establishments: 1960 to 1982

[**In billions of dollars, except percent.** Minus sign (−) indicates decline. Data refer to privately owned manufacturing establishments and are based on the capital expenditures data from the census of manufactures, the Annual Survey of Manufactures, and the inventory investment component of GNP. For details, see source. See *Historical Statistics, Colonial Times to 1970*, series P 107-122, for single-year figures prior to revisions issued in 1981]

Item	Current dollars						Constant (1972) dollars					
	1960	1970	1975	1980	1981	1982	1960	1970	1975	1980	1981	1982
Purchases of equipment and structures	10.8	23.8	39.8	77.2	82.3	74.6	15.6	25.9	30.4	42.7	42.8	38.1
Percent equipment	72.3	73.3	79.4	78.3	78.0	76.3	66.0	71.6	80.6	81.3	80.9	79.5
Depreciation (straight line) [1]	10.0	18.9	31.6	58.0	65.6	71.5	14.1	20.4	24.0	31.3	33.0	34.6
Percent equipment	73.3	73.8	73.6	77.0	78.2	79.1	68.6	72.4	75.1	79.7	80.5	81.0
Net investment [2]	.9	4.9	8.2	19.2	16.7	3.1	1.5	5.5	6.4	11.4	9.8	3.5
Net stock, end of year [1]	152.2	299.6	509.1	986.2	1,069.7	1,074.9	210.3	315.1	359.8	500.4	513.2	508.9
Equipment and structures	95.6	191.2	319.3	579.7	640.4	666.9	140.4	202.2	232.7	287.0	297.3	301.3
Percent equipment	57.2	58.7	62.1	65.1	66.1	66.5	51.2	57.3	62.0	67.5	68.0	68.0
Inventories	56.6	108.4	189.8	341.4	363.2	341.5	69.9	112.9	127.1	145.9	147.9	139.6

[1] Depreciation and net stock estimates are derived using the perpetual inventory method and assuming, in general, service lives of 85 percent of those shown in Internal Revenue Service's Bulletin F. and the straight-line depreciation formula. [2] Represents the difference between purchases and depreciation.

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925-79, Survey of Current Business*, October 1982, and unpublished data.

No. 1379. Large Manufacturing Companies—Adequacy of Capital Facilities to Meet Current Demand: 1965 to 1982

[**Percent distribution.** As of July. Number of companies weighted by company assets. Based on replies to the question: In view of the current rate of order bookings and customer inquiries, are your plant-and-equipment facilities now Inadequate, Sufficient, or More than adequate? as part of a quarterly survey conducted among the 1,000 largest manufacturing companies as listed by total assets]

YEAR	Inadequate	Sufficient	More than adequate	YEAR	Inadequate	Sufficient	More than adequate
1965	31	67	2	1974	57	40	3
1966	47	51	2	1975	19	43	38
1967	33	62	5	1976	18	65	17
1968	26	72	2	1977	20	66	14
1969	37	59	4	1978	20	62	18
1970	28	60	12	1979	20	69	11
1971	18	59	23	1980	12	57	31
1972	16	71	13	1981	9	51	40
1973	45	53	2	1982	8	45	47

Source: The Conference Board, New York, N.Y., *Quarterly Survey of Capital Investment and Supply Conditions in Manufacturing.* (Copyright.)

No. 1380. Large Manufacturing Companies—Capital Appropriations and Expenditures, by Industry: 1970 to 1982

[**In millions of dollars.** Based on reports submitted by companies responding to The Conference Board's *Quarterly Survey of Capital Appropriations.* This survey is conducted among the 1,000 largest manufacturing companies as listed by total assets. **Appropriations:** Authorizations by management to spend funds for new plant and equipment; **Expenditures:** Cost of new plant and equipment]

YEAR AND ITEM	Total	Food and beverages	Paper and allied products	Chemicals and allied products	Petroleum and coal products	Primary iron and steel	Electrical machinery and equip.	Machinery, except electrical	Motor vehicles and equipment	Other manufacturing
Appropriations: 1970	25,337	1,587	1,034	3,036	5,704	1,534	2,584	3,098	1,276	5,484
1975	45,034	3,573	1,902	7,466	13,986	3,102	1,978	3,748	1,015	8,264
1976	50,034	3,834	1,585	7,906	11,231	2,897	2,853	5,001	3,517	11,210
1977	63,420	4,966	2,648	7,854	17,527	2,516	3,189	5,105	5,268	14,347
1978	67,156	4,898	2,796	7,759	15,142	3,083	4,421	6,306	6,981	15,771
1979	88,519	6,640	3,979	10,725	19,526	3,559	5,859	10,236	8,129	19,866
1980	104,631	6,603	3,576	12,170	32,875	2,889	6,544	9,368	7,110	23,496
1981	106,956	5,772	5,010	12,019	36,904	5,210	5,787	12,700	3,489	20,065
1982	87,544	5,792	4,006	9,476	31,524	1,563	6,663	8,710	3,915	15,895
Expenditures: 1970	26,321	1,598	1,046	3,143	5,559	1,746	2,408	3,093	1,689	6,039
1975	45,557	3,081	1,905	7,172	11,907	3,552	2,227	4,014	1,808	9,891
1976	47,055	3,666	2,073	7,486	12,551	3,552	2,445	4,442	1,701	9,139
1977	52,498	3,882	1,825	7,545	14,350	3,048	3,064	4,747	3,321	10,716
1978	58,356	4,217	2,140	7,797	14,495	2,671	3,668	5,445	4,508	13,415
1979	73,126	5,037	3,018	9,309	16,876	3,243	4,918	8,400	5,335	16,990
1980	88,209	6,014	3,859	10,918	22,228	3,458	6,271	9,826	5,555	20,080
1981	101,341	6,744	3,746	11,785	31,578	3,405	6,069	11,289	6,688	20,037
1982	98,614	5,802	3,653	11,180	33,317	3,545	6,354	10,906	5,610	18,247

Source: The Conference Board, New York, N.Y., *Quarterly Survey of Capital Appropriations.* (Copyright.)

No. 1381. U.S. Share of World Exports of Manufactures: 1960 to 1982

[World exports=exports from 15 major trading countries: U.S., Austria, Belgium-Luxembourg, Canada, Denmark, France, Fed. Rep. of Germany, Italy, Japan, Netherlands, Norway, Sweden, Switzerland, and U.K. Percents are calculated from the values of exports of the six commodity groups from each of the 15 countries. Percentage shares are based on values excluding shipments to the United States and are based on current exchange rates. Beginning 1978, detail for all countries except Canada and Japan are reported according to Revision 2 instead of Revision 1 of the United Nations Standard International Trade Classification (SITC). Canadian data are reported according to Revision 2 beginning 1979]

YEAR	U.S. EXPORTS[1]		PRODUCT CATEGORY	U.S. MANUFACTURES EXPORTS[1]									
	Total (bil. dol.)	Percent of world exports		Total (bil. dol.)					Percent of world exports				
				1978	1979	1980	1981	1982	1978	1979	1980	1981	1982
1960	12.7	25.3	**Total**	94.5	116.7	144.0	154.3	139.7	17.0	17.3	16.3	20.6	19.8
1965	17.3	22.5	Nonelectrical machinery	27.4	33.2	41.9	47.6	44.2	23.0	23.9	25.1	28.9	28.4
1970	29.4	21.1	Transport equipment	22.2	25.8	28.8	32.8	27.8	22.6	22.7	23.2	24.7	22.1
1975	71.0	19.1	Chemicals	12.6	17.3	20.7	21.2	19.9	17.3	17.9	18.8	20.6	20.2
1976	77.2	18.8	Electrical machinery	9.7	11.6	13.9	15.4	15.2	17.8	18.5	19.2	21.6	22.2
1977	80.2	17.3	Basic manufactures[2]	12.5	16.2	22.3	20.6	16.7	8.7	9.1	10.6	11.5	10.1
			Misc. articles[3]	10.2	12.6	16.3	16.7	16.0	15.0	15.1	16.3	17.4	17.2

[1] Represents manufactures exports. Excludes mineral fuel products, processed food, fats, oils, firearms of war, and ammunition. [2] Includes semimanufactures of various materials, such as metals, fibers, wood, glass, leather, rubber, and certain finished products of metal. [3] Includes mainly nondurable consumer goods and professional and scientific instruments.

Source: U.S. Dept. of Commerce, International Trade Administration, *Business America,* biweekly, and *Market Share Reports,* annual.

No. 1382. Employment Related to Manufactured Exports by Industry: 1976 to 1981

[Total employment related to manufactured exports is the sum of employment directly calculated for the plants shipping the exported product, the supplying industries and service organizations and the central administrative offices and auxiliaries. For manufacturing industries, employment is limited to paid employees in manufacturing plants, while for nonmanufacturing it includes an estimate for working proprietors and partners]

INDUSTRY	1976			1977			1980			1981		
	Civilian employment (1,000)	Employment related to manufactured exports		Civilian employment (1,000)	Employment related to manufactured exports		Civilian employment (1,000)	Employment related to manufactured exports		Civilian employment (1,000)	Employment related to manufactured exports	
		Number (1,000)	Percent of civilian employment		Number (1,000)	Percent of civilian employment		Number (1,000)	Percent of civilian employment		Number (1,000)	Percent of civilian employment
U.S	**86,892**	**3,452**	**4.0**	**89,369**	**3,258**	**3.6**	**100,275**	**4,800**	**4.8**	**101,721**	**4,794**	**4.7**
Manufacturing	18,753	2,125	11.3	19,590	1,990	10.2	20,662	2,639	12.8	[1] 20,261	2,604	12.9
Nonmfg	68,139	1,327	1.9	69,779	1,268	1.8	79,613	2,170	2.7	81,460	2,190	2.7
Trade	16,025	489	3.1	16,653	489	2.9	19,737	845	4.3	19,937	926	4.6
Business serv	12,851	256	2.0	16,750	215	1.3	17,245	575	3.3	17,641	546	3.1
Transp.[2]	4,584	192	4.2	4,797	185	3.9	6,369	305	4.8	5,803	259	4.5
Agriculture	3,403	137	4.0	3,044	129	4.2	3,225	144	4.5	3,297	147	4.5
Mining	688	35	5.1	747	34	4.6	947	69	7.3	1,157	80	6.9
Other	30,588	218	.7	27,788	216	.8	32,090	233	.7	33,625	232	.7

[1] See footnote 1, table 1385. [2] Includes communications and utilities.

No. 1383. Exports and Export-Related Employment of Manufacturing Establishments, by Industry: 1981

[The export-related employment data shown do not include the jobs involved in the export of nonmanufactured goods and various services sold to foreign buyers. Thus, jobs in the manufacturing sector that relate to the export of nonmanufactured goods are excluded from the estimates. In addition, all of the indirect exports being reported are domestically produced, that is, they exclude imports. See source for further details on methodology]

SIC group	INDUSTRY GROUP	MANUFACTURER'S SHIPMENT VALUE					MANUFACTURING EMPLOYMENT				
		Total [1] (bil. dol.)	Export related			Export related as percent of shipments	Total [4] (1,000)	Export related			Export related as percent of total employment
			Total (bil. dol.)	Direct exports[2] (bil. dol.)	Supporting exports[3] (bil. dol.)			Total [4] (1,000)	Direct exports[5] (1,000)	Supporting exports[4] [6] (1,000)	
(x)	**Manufacturing, total**	**2,017.5**	**271.7**	**164.3**	**107.4**	**13.4**	**20,264**	**2,604**	**1,486**	**1,118**	**12.8**
20	Food and kindred products	272.1	17.7	12.1	5.5	6.4	1,511	76	46	31	5.0
21	Tobacco products	13.1	2.8	2.1	.7	21.4	61	12	9	3	18.9
22	Textile mill products	50.3	5.5	2.6	2.9	10.9	785	80	35	44	10.1
23	Apparel, other textile prod	49.8	2.0	1.3	.7	4.0	1,251	39	25	14	3.1
24	Lumber and wood products	46.8	5.5	2.6	2.8	11.7	649	65	25	40	10.0
25	Furniture and fixtures	23.9	.7	.5	.2	3.0	460	13	9	4	2.8
26	Paper and allied products	80.2	10.0	4.1	5.9	12.5	636	72	23	49	11.2
27	Printing and publishing	77.3	2.3	1.3	1.1	3.0	1,270	33	16	17	2.5
28	Chemical and allied prod	180.5	36.0	19.3	16.7	19.9	892	164	90	74	18.3
29	Petroleum and coal products	224.1	14.2	3.3	10.8	6.3	152	10	3	7	6.8
30	Rubber, misc. plastics prod	53.2	6.1	2.7	3.4	11.4	691	76	31	45	10.9
31	Leather, leather products	10.5	.6	.5	.1	6.0	228	9	7	1	3.7
32	Stone, clay, glass products	48.0	4.3	1.8	2.5	9.0	590	53	21	31	8.9
33	Primary metal industries	141.9	27.4	6.2	21.3	19.3	1,063	199	41	158	18.7
34	Fabricated metal products	123.7	15.4	7.1	8.3	12.4	1,568	192	88	104	12.2
35	Machinery, except electric	201.5	48.1	38.4	9.7	23.8	2,380	517	387	130	21.7
36	Electric, electronic equip	140.2	23.3	16.5	6.8	16.6	1,959	341	240	101	17.4
37	Transportation equipment	205.2	37.8	31.2	6.5	18.3	1,749	313	256	57	17.9
38	Instruments and related products	48.3	9.2	8.0	1.2	18.9	612	119	102	16	19.3
39	Misc. manufacturing	26.9	2.9	2.5	.3	10.6	413	37	32	5	8.9

X Not applicable. [1] Includes total domestic and export shipments for all manufacturing establishments. [2] Includes only the value of manufactured products exported by the producing plants. [3] Includes shipments of components, parts, supplies, etc., used by plants producing the export products. [4] Includes employees of central administrative offices and auxiliaries. [5] Employment is limited to paid employees in manufacturing plants producing the export product. The number of employees related to export shipments was calculated for each establishment, aggregated by industry and by States,and inflated to a level comparable to the plant value of exports reported in the official foreign trade statistics at port value. [6] Manufacturing employment at establishment producing components, parts, supplies, etc. for use by plants producing for export.

Source of tables 1382 and 1383: U.S. Bureau of the Census, *Annual Survey of Manufactures, Origin of Exports of Manufactured Products.*

No. 1384. Exports and Export-Related Employment of Manufacturing Establishments: 1963 to 1981

[Includes only direct exports and products shipped to exporters or others for export. Excludes output of the supplying establishments that furnish parts or materials to the manufacturer producing the product exported. Therefore, estimates tend to understate the importance of the export trade for the domestic economy when compared to the total value of shipments of all manufacturers]

ITEM	Unit	1963	1971	1972	1976	1977	1980	1981
Value of shipments, total	Bil. dol.	420.5	671.0	756.5	1,185.7	1,358.4	1,852.7	2,017.5
For export (direct)	Bil. dol.	16.5	33.1	36.7	83.1	85.8	151.2	164.3
Percent of total	Percent	3.9	4.9	4.8	7.0	6.3	8.2	8.1
Manufacturing employment, total [1]	1,000	16,958	18,363	19,027	18,753	19,590	20,647	20,264
Export related (direct)	1,000	(NA)	746	770	1,173	1,106	1,486	1,486
Percent of total	Percent	(NA)	4.1	4.0	6.3	5.6	7.2	7.3

NA Not available. [1] Includes employees of central administrative and auxiliary offices.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1963, 1967, 1972,* and *1977;* and *Annual Survey of Manufactures.*

No. 1385. Exports and Export-Related Employment of Manufacturing Establishments, by State: 1981

[See headnote, table 1384. Includes employees of central administrative and auxiliary offices]

REGION, DIVISION, AND STATE	VALUE OF SHIPMENTS (mil. dol.)		EMPLOYMENT (1,000)	
	Total	For direct exports	Total	Direct export related
U.S.	**2,017,543**	**164,283**	**[1] 20,264**	**1,486**
Regions:				
Northeast	413,054	32,882	5,136	358
No. Central	636,568	51,287	5,941	432
South	657,595	45,761	6,032	355
West	310,326	34,350	3,159	336
N. Eng	**105,536**	**10,129**	**1,550**	**124**
Maine	9,127	498	115	6
N.H	7,259	637	111	10
Vt	3,645	229	50	5
Mass	47,905	5,096	692	59
R.I	7,574	586	127	9
Conn	30,026	3,083	455	37
Mid. Atl	**307,518**	**22,753**	**3,586**	**234**
N.Y	119,301	10,155	1,502	98
N.J	73,035	4,469	793	46
Pa	115,182	8,129	1,291	90
E. No. Cent	**479,463**	**40,036**	**4,577**	**338**
Ohio	122,287	10,353	1,219	96
Ind	70,292	5,008	643	45
Ill	126,986	10,369	1,210	84
Mich	105,175	10,275	977	74
Wis	54,723	4,031	528	39
W. No. Cent	**157,105**	**11,251**	**1,364**	**94**
Minn	35,504	2,730	373	26
Iowa	33,221	2,705	236	19
Mo	41,206	3,013	430	27
N. Dak	2,362	156	15	1
S. Dak	2,926	185	27	1
Nebr	15,412	945	95	6
Kans	26,474	1,517	188	14

DIVISION AND STATE	VALUE OF SHIPMENTS (mil. dol.)		EMPLOYMENT (1,000)	
	Total	For direct exports	Total	Direct export related
So. Atl	**253,669**	**18,915**	**3,045**	**167**
Del	9,050	375	67	2
Md	21,321	1,219	243	13
D.C	1,346	8	16	(z)
Va	35,910	3,344	411	27
W. Va	11,928	1,199	109	7
N.C	62,193	4,682	822	41
S.C	27,877	2,230	388	22
Ga	47,246	2,505	527	25
Fla	36,798	3,353	462	30
E. So. Cent	**121,981**	**8,315**	**1,309**	**70**
Ky	30,403	1,935	267	14
Tenn	41,258	3,285	492	28
Ala	30,509	1,936	346	19
Miss	19,811	1,159	204	9
W. So. Cent	**281,945**	**18,531**	**1,678**	**118**
Ark	18,510	1,604	197	12
La	57,796	3,725	208	14
Okla	25,311	1,515	205	15
Tex	180,328	11,687	1,068	77
Mt	**56,757**	**4,079**	**572**	**49**
Mont	4,290	61	23	(z)
Idaho	5,004	460	50	3
Wyo	3,163	18	11	–
Colo	17,213	1,283	188	16
N. Mex	3,230	64	34	(z)
Ariz	12,484	1,639	156	24
Utah	9,815	449	92	5
Nev	1,558	105	18	1
Pac	**253,569**	**30,271**	**2,587**	**287**
Wash	36,789	9,023	304	67
Oreg	18,835	1,724	204	18
Calif	192,365	18,775	2,040	197
Alaska	1,954	653	13	4
Hawaii	3,626	96	26	1

– Represents zero. Z Fewer than 500. [1] Includes revisions not reflected in table 1382.

Source: U.S. Bureau of Census, *Annual Survey of Manufactures, Origin of Exports of Manufactured Products.*

No. 1386. Manufacturing Commodity Groups—Import Penetration as Percent of New Supply: 1972 to 1981

[Represents manufacturing commodity groups with average levels of import penetration of 15 percent or more in 1981. For more detail regarding methodology and limitations of data, see source. N.e.c. = Not elsewhere classified]

Industry code[1]	INDUSTRY GROUP	1972	1979	1980	1981
2061-3	Sugar	23	20	24	26
2084	Wines, brandy, and brandy spirits	21	31	28	29
2085	Distilled liquors, except brandy	25	23	25	26
2091	Canned and cured seafood	27	21	22	24
2131	Chewing and smoking tobacco and snuff	6	4	8	20
2231	Women's, misses', and juniors' blouses, waists, and shirts	(X)	30	27	29
2271	Woven carpets and rugs	8	27	29	26
2279	Carpets and rugs, n.e.c	24	60	62	62
2292	Lace and net goods	22	27	35	34
2294, 9	Textile goods, n.e.c	(X)	50	54	52
2298	Cordage and twine	21	26	29	24
2342	Brassieres and allied garments	5	21	22	22
2371	Fur goods	4	16	15	18
2381	Gloves, n.e.c	19	31	32	34
2385	Raincoats and other waterproof outer garments	18	43	32	30
2421	Sawmill and planing mill products, n.e.c	16	20	17	17
2429	Shingles, shakes, and cooperage stock, n.e.c	27	35	30	33
2435	Hardwood veneer and plywood	(X)	34	29	32
2611	Pulp mill products	30	33	31	31
2833	Medicinals and botanicals	22	21	21	23
3021	Rubber and plastics footwear	(X)	48	50	44
3111	Leather	13	19	13	18
3131	Footwear cut stock	2	14	19	22
3143; 31491	Men's footwear, except athletic	15	21	18	18
3144; 31493-6	Women's footwear, except athletic	19	38	29	35
3151	Leather gloves and mittens	22	32	28	24
3161	Luggage	15	27	26	31
3171	Women's handbags and purses	21	40	43	39
3172	Personal leather goods, n.e.c	14	15	17	31
3253	Ceramic wall and floor tile	23	37	37	35
3262	Vitreous china, food utensils, and other kitchen articles	47	43	48	45
3263	Fine earthenware food utensils	51	73	74	75
3269	Pottery products, n.e.c	41	43	48	43
3281	Cut stone and stone products	11	15	17	22
3313	Electrometallurgical products	21	35	36	43
3333; 33414	Zinc smelting and refining products	29	39	37	47
3339; 33415, 6	Nonferrous smelting and refining products, n.e.c	42	63	63	62
3541	Machine tools, metal cutting types	8	20	21	22
3551	Food product machinery	(X)	20	21	26
3552	Textile machinery	37	34	36	36
3554	Paper industries machinery	13	20	18	19
3636	Sewing machines and parts	50	42	39	51
3651	Radio and TV receiving sets	35	42	42	50
3674	Solid state semiconductor devices	12	26	26	25
3675; 36291	Electronic capacitors	10	18	17	17
3676	Electronic resistors	(X)	18	17	19
3711	Motor vehicles and bodies	16	20	26	27
3751	Motorcycles, bicycles, and parts	65	19	32	32
3851	Opthalmic goods	12	21	22	22
3873	Watches, clocks, and watch cases	21	40	45	49
3911; 39151	Jewelry, precious metals, and jewelers' findings	5	21	15	18
3931	Musical instruments and parts	15	17	14	18
3942	Dolls and stuffed toy animals	22	42	47	48
3944	Games, toys, and children's vehicles	11	22	23	24
3949	Sporting and athletic goods, n.e.c	13	20	19	18
3961	Costume jewelry	10	19	20	20
3962	Artificial flowers	42	35	46	45

X Not applicable. [1] Standard Industrial Classification Code; see text, p. 761.

Source: U.S. Bureau of the Census, *U.S. Commodity Exports and Imports as Related to Output 1981 and 1980;* and earlier report.

No. 1387. Fuels and Electric Energy Used in Manufacturing Industries: 1958 to 1981

[Btu = British thermal unit. For definition of Btu, see headnote, table 976]

Industry group and type of energy	Unit	1958	1962	1967	1975	1977	1978	1979	1980	1981
ENERGY USED										
All manufacturing industries [1]	Tril. Btu	8,248	9,811	11,810	12,084	12,888	12,901	12,869	11,946	11,563
Chemicals and allied products	Tril. Btu	1,542	1,877	2,460	2,806	2,983	2,900	2,895	2,721	2,630
Primary metals	Tril. Btu	1,769	2,303	2,422	2,240	2,560	2,689	2,685	2,311	2,241
Paper and allied products	Tril. Btu	806	929	1,156	1,210	1,307	1,301	1,300	1,279	1,262
Petroleum and coal products	Tril. Btu	932	1,145	1,394	1,333	1,238	1,123	1,245	1,181	1,137
Stone, clay, and glass products	Tril. Btu	945	1,056	1,229	1,160	1,251	1,300	1,266	1,132	1,078
Food and kindred products	Tril. Btu	766	803	900	914	956	980	949	950	913
Fabricated metal products	Tril. Btu	190	213	298	368	394	400	386	362	352
Machinery, exc. electrical	Tril. Btu	210	235	311	328	340	351	352	337	325
Lumber and wood products	Tril. Btu	90	118	188	229	228	231	223	203	185
Printing and publishing	Tril. Btu	41	50	66	87	92	92	90	90	91
TYPE OF ENERGY										
Purchased fuels and elec. energy [1]	Tril. Btu	8,248	9,811	11,810	12,084	12,888	12,901	12,869	11,946	11,563
Cost	Mil. dol	5,067	6,184	7,692	23,291	33,335	37,613	42,714	48,343	55,255
Fuels	Mil. dol	2,836	3,361	3,975	12,978	18,818	20,618	23,651	26,487	29,747
Electric energy	Mil. dol	2,231	2,823	3,717	10,313	14,517	16,995	19,063	21,856	25,508
Coal	Tril. Btu	2,143	2,343	1,967	1,169	1,329	1,349	1,325	1,322	1,387
Cost	Mil. dol	638	640	552	1,310	1,494	1,685	1,760	1,869	2,186
Fuel oil [2]	Tril. Btu	969	1,209	1,092	1,726	2,125	2,120	1,562	1,160	952
Cost	Mil. dol	523	623	536	3,519	4,886	4,846	4,657	4,757	4,865
Gas	Tril. Btu	3,187	4,411	5,434	5,944	5,700	5,603	5,971	5,660	5,546
Cost	Mil. dol	901	1,456	1,749	5,653	8,875	9,861	12,340	14,714	17,423
Purchased electric energy	Tril. Btu	863	1,071	1,459	2,036	2,263	2,306	2,338	2,250	2,272
Cost	Mil. dol	2,231	2,823	3,717	10,313	14,517	16,995	19,063	21,856	25,508

[1] Includes industries and types not shown separately. [2] Includes fuel-oil related products.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972* and *1977*; and *Annual Survey of Manufactures.*

No. 1388. Energy Consumption per Constant Dollar of Value Added for Selected Industries: 1971 to 1977

[**1,000 Btu's per 1972 dollar.** Includes basic industries. Industries selected on the basis of both total energy consumed and energy intensiveness; industries account for about 60 percent of total manufacturing energy consumption and about 8 percent of total *manufacturing value added*; see source for details. Consumption values include estimates of externally generated energy as well as purchased fuels and electric power. Minus sign (–) indicates decrease]

Year	Total economy [1]	All manufacturing	8-industry groups	Paper	Paperboard	Inorganic chemicals	Organic chemicals [2]	Petroleum refining	Cement	Steel	Aluminum
1971	61.6	52.5	373.9	316.2	458.8	245.8	277.9	631.4	421.4	314.5	418.5
1974	59.7	46.2	337.8	291.1	461.3	218.9	241.7	635.8	435.9	262.4	406.8
1975	58.8	46.6	353.4	319.3	503.7	210.8	244.8	613.7	442.9	282.4	401.0
1976	58.5	44.1	336.1	317.7	470.6	212.2	227.4	590.9	432.7	274.7	372.1
1977	57.1	42.3	329.2	308.7	464.8	203.3	193.9	573.7	411.2	282.7	379.9
AVERAGE ANNUAL PERCENT CHANGE											
1971–1974	–1.0	–4.0	–3.2	–2.6	.2	–3.6	–4.3	.2	1.1	–5.5	–.9
1974–1975	–1.5	.9	4.6	9.7	9.2	–3.7	1.3	–3.5	1.6	7.5	–1.4
1975–1976	–.5	–5.4	–4.3	–.5	–6.6	.7	–7.1	–3.7	–2.3	–2.7	–7.2
1976–1977	–2.4	–4.1	–2.6	–2.8	–1.2	–4.2	–14.7	–2.9	–5.0	2.9	2.1

[1] Total gross energy consumption per constant dollar of GNP. [2] Excludes petrochemical feedstocks.

Source: U.S. Bureau of Industrial Economics, *Industrial Economics Review*, Summer 1980.

No. 1389. Percent Share of Value Added by Manufacture for Largest Companies in Manufacturing, 1947 to 1977, and of Employees and Shipments, 1963 to 1977

[**Percent of total manufacturing.** Companies ranked on value added by manufacture; companies in each group are not identical for all years. See also *Historical Statistics, Colonial Times to 1970*, series P 177–180]

Item	Value added [1]						Employment [2]			Shipments [3]		
	1947	1954	1963	1967	1972	1977	1963	1972	1977	1963	1972	1977
Largest 50 companies	17	23	25	25	25	18	19	19	24	25	24	25
Largest 100 companies	23	30	33	33	33	25	25	26	33	34	33	35
Largest 150 companies	27	34	37	38	39	30	29	31	40	38	39	41
Largest 200 companies	30	37	41	42	43	34	32	35	44	42	43	45

[1] See footnote 6, table 1366. [2] Includes central administrative offices and auxiliaries. [3] See footnote 7, table 1366.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977, Concentration Ratios in Manufacturing*, MC77-SR-9.

No. 1390. Percent of Shipments Accounted for by Large Manufacturing Companies, Selected Industries: 1972 and 1977

[First 32 industries (excluding those classified as "Miscellaneous" or "Not elsewhere classified") as determined by value added by manufacture in 1972 of $2 billion or more. Industry codes and descriptions are based on the 1972 *Standard Industrial Classification Manual* (SIC), see text, p. 762. Determination of company affiliation of establishment is based on census reports and publicly available records. "Largest" companies are determined by each company's value added by manufacture *in the specified industry*. Industries in the "not elsewhere classified" category are omitted, regardless of their value added]

Industry code	INDUSTRY	Year	Number of companies	Value added by manufacture [1] (mil. dol.)	Total value of shipments [2] (mil. dol.)	PERCENT OF SHIPMENTS, RANKED BY COMPANY SIZE			
						4 largest	8 largest	20 largest	50 largest
3711	Motor vehicles and car bodies	1972	165	11,783	42,906	93	99	99+	99+
		1977	254	18,724	76,518	93	99	99+	99+
3312	Blast furnaces and steel mills	1972	241	10,305	23,947	45	65	84	96
		1977	395	15,332	41,998	45	65	84	95
3714	Motor vehicle parts and accessories	1972	1,748	9,165	18,334	61	69	78	86
		1977	2,194	16,264	35,751	62	70	79	86
2711	Newspapers	1972	7,461	6,220	8,263	17	28	43	60
		1977	7,821	9,519	13,056	19	31	45	62
3662	Radio and TV communications equipment	1972	1,524	5,803	9,140	19	33	58	77
		1977	1,873	9,938	14,886	20	33	57	73
2834	Pharmaceutical preparations	1972	680	5,640	7,150	26	44	75	91
		1977	655	8,214	11,459	24	43	73	91
3721	Aircraft	1972	141	5,083	8,779	66	86	99	99+
		1977	151	8,134	14,834	59	81	99	99+
2911	Petroleum refining	1972	152	4,595	25,921	31	56	84	95
		1977	192	14,424	91,689	30	53	81	94
3861	Photographic equipment and supplies	1972	555	4,088	5,624	74	85	92	95
		1977	702	6,732	9,945	72	86	90	94
2051	Bread, cake, and related products	1972	2,800	3,518	6,132	29	39	50	62
		1977	2,549	5,370	9,275	33	40	54	68
3585	Refrigeration and heating equipment	1972	655	3,517	7,084	40	53	70	85
		1977	731	4,469	9,638	41	51	67	82
3573	Electronic computing equipment	1972	518	3,419	6,471	51	63	78	90
		1977	808	7,824	12,924	44	55	71	85
2752	Commercial printing, lithographic	1972	8,160	3,159	5,125	4	8	15	24
		1977	10,964	5,338	9,360	6	10	17	26
3531	Construction machinery	1972	644	3,131	6,091	43	54	72	86
		1977	807	5,744	12,629	47	59	75	86
3011	Tires and inner tubes	1972	136	3,071	5,747	73	90	98	99+
		1977	121	4,347	8,971	70	88	97	99+
2011	Meatpacking plants	1972	2,291	2,968	23,003	22	37	51	66
		1977	2,404	4,010	31,208	19	37	49	62
3761	Guided missiles and space vehicles	1972	23	2,949	4,124	62	88	(D)	100
		1977	20	3,565	5,314	64	94	100	(X)
2621	Papermills, exc. building paper	1972	194	2,909	6,385	24	40	66	88
		1977	171	5,407	12,613	23	42	70	92
2421	Sawmills and planing mills, general	1972	7,664	2,907	6,421	18	23	33	45
		1977	6,966	4,453	10,867	17	23	36	49
2844	Toilet preparations	1972	593	2,834	4,053	38	53	74	91
		1977	644	4,527	6,557	40	56	74	90
3465	Automotive stampings	1972	388	2,664	5,286	69	72	79	87
		1977	495	4,655	9,739	65	70	77	84
3661	Telephone, telegraph apparatus	1972	157	2,650	4,525	(D)	(D)	98	99+
		1977	208	4,192	7,858	(D)	89	94	98
2026	Fluid milk	1972	2,025	2,552	9,396	18	26	42	56
		1977	1,516	3,176	13,786	18	28	43	60
2086	Bottled and canned soft drinks	1972	2,273	2,337	5,454	14	21	32	44
		1977	1,758	4,085	10,007	15	22	36	50
3321	Gray iron foundries [3]	1972	893	2,257	3,877	34	45	59	71
		1977	865	4,071	7,389	34	44	60	73
3523	Farm machinery and equipment	1972	1,465	2,248	4,530	47	61	69	78
		1977	1,868	4,854	10,282	46	61	70	78
2111	Cigarettes	1972	7	[4] 2,188	[4] 3,745	(D)	(D)	(X)	(X)
		1977	8	[4] 3,803	[4] 6,377	(D)	(D)	(X)	(X)
2821	Plastics materials and resins	1972	193	2,161	4,478	26	41	65	90
		1977	221	4,143	10,818	22	37	60	87
2721	Periodicals	1972	2,451	2,110	3,511	26	38	54	69
		1977	2,860	3,763	6,057	22	35	52	67
2824	Organic fibers, noncellulosic	1972	36	2,040	3,639	74	91	99+	100
		1977	37	2,804	6,380	78	90	99	100
2841	Soap and other detergents	1972	577	2,039	3,394	62	74	85	92
		1977	554	2,868	5,671	59	71	82	89
2751	Commercial printing, letterpress	1972	13,040	2,015	3,306	14	19	26	35
		1977	14,375	2,441	4,284	14	19	25	31

D Withheld to avoid disclosure. X Not applicable. [1] See footnote 6, table 1366. [2] See footnote 7, table 1366. [3] Includes foundries producing gray-iron castings for other plants of the same company. Accordingly, percentages do not reflect market shares in industry as such. [4] Value of production reported instead of value of shipments; therefore, formula for computing adjusted value added modified to include only changes in work-in-process inventories between beginning and end of year.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977, Concentration Ratios in Manufacturing*, MC77-SR-9.

No. 1391. Beverage Industry—Summary: 1965 to 1981

Year and item	Unit	Total	Malt beverages	Malt	Wine, brandy, brandy spirits	Distilled liquor, exc. brandy	Soft drinks (bottled, canned)	Flavoring, extracts, sirups
1965: Employees	1,000	210	60	2	6	19	114	9
Payroll	Mil. dol	1,348	488	16	42	126	614	63
Value added by manufacture	Mil. dol	4,152	1,360	51	167	713	1,373	488
Value of shipments	Mil. dol	7,728	2,497	204	396	1,288	2,505	837
1970: Employees	1,000	228	57	2	9	21	129	11
Payroll	Mil. dol	1,884	616	19	71	171	916	91
Value added by manufacture	Mil. dol	6,144	2,028	58	258	887	2,121	792
Value of shipments	Mil. dol	12,373	3,822	210	591	1,758	4,631	1,361
1975: Employees	1,000	204	47	2	11	16	117	11
Payroll	Mil. dol	2,418	726	24	131	198	1,210	129
Value added by manufacture	Mil. dol	8,110	2,008	122	500	1,056	3,321	1,103
Value of shipments	Mil. dol	20,396	5,641	591	1,197	2,004	8,602	2,361
1980: Employees	1,000	199	43	2	11	14	118	11
Payroll	Mil. dol	3,646	1,122	40	191	253	1,850	191
Value added by manufacture	Mil. dol	13,708	3,639	162	811	1,849	5,348	1,898
Value of shipments	Mil. dol	33,041	9,362	680	2,189	3,389	13,909	3,513
1981: Employees	1,000	199	44	2	11	14	117	11
Payroll	Mil. dol	3,940	1,247	44	206	264	1,972	206
Value added by manufacture	Mil. dol	14,855	3,842	192	888	1,765	6,075	2,094
Value of shipments	Mil. dol	36,075	10,179	743	2,408	3,605	15,286	3,855

Source: U.S. Bureau of the Census, *Annual Survey of Manufactures.*

No. 1392. Alcoholic Beverages—Summary: 1960 to 1982

[For years ending **June 30** except, beginning **1977**, ending **Sept. 30**. Includes Puerto Rico. Excludes imports. See *Historical Statistics, Colonial Times to 1970*, series P 235 for beer production, and P 236a for distilled spirits]

Item	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Beer: Breweries operated	Number	229	197	154	117	95	89	86	88	92	82
Production	Mil. bbl.[1]	95	108	135	158	170	176	184	193	195	194
Imports (incl. ale, etc.) [2]	Mil. bbl.[1]	(NA)	(NA)	(NA)	1.7	2.6	3.1	4.1	4.8	5.2	5.8
Value of shipments (SIC 2082) [3]	Mil. dol	(NA)	2,470	3,822	5,641	6,653	7,539	8,353	9,362	10,179	(NA)
Tax-paid withdrawals	Mil. bbl. [1]	89	100	123	147	156	160	167	172	177	176
Stocks on hand, June 30	Mil. bbl. [1]	11	13	15	14	14	14	14	15	14	14
Per capita consumption [4]	Gallons	24.0	25.5	28.6	32.8	32.3	33.1	34.0	34.9	35.6	35.7
Of domestic output	Gallons	23.9	25.3	28.4	32.4	31.8	32.4	33.1	34.0	34.5	34.5
Distilled spirits:											
Production facilities operated	Number	178	153	140	115	96	101	135	143	114	121
Warehouses operated	Number	241	268	274	241	222	220	210	200	199	202
Production, total [5]	Mil. tax gal. [6 7]	273	276	355	278	225	268	246	236	259	219
Whisky	Mil. tax gal. [6 7]	150	118	160	50	82	71	104	87	90	96
Tax-paid withdrawals, total [8]	Mil. tax gal. [6 7]	178	205	256	295	296	321	318	330	321	309
Whisky	Mil. tax gal. [6 7]	84	90	112	137	126	136	125	42	(NA)	(NA)
Stocks on hand, June 30, total [5]	Mil. tax gal. [6 7]	932	990	1,091	836	726	670	659	696	691	654
Whisky	Mil. tax gal. [6 7]	814	841	960	780	668	611	598	566	544	540
Bottled for consumption, total	Mil. wine gal. [9]	204	244	312	357	361	390	379	392	388	371
Whisky	Mil. wine gal. [9]	147	161	192	182	166	170	166	165	162	153
Per capita [4]	Wine gal. [9]	1.87	2.13	2.61	2.49	2.67	2.78	2.70	2.90	2.84	2.80
Of domestic output	Wine gal. [9]	1.54	1.66	1.91	1.75	1.93	2.02	1.96	2.00	2.02	2.00
Still wines: Production [10]	Mil. wine gal. [9]	511	565	713	782	771	731	739	982	901	546
Tax-paid withdrawals [11]	Mil. wine gal. [9]	148	163	204	287	306	313	326	340	363	365
Stocks on hand, June 30 [12]	Mil. wine gal. [9]	143	157	207	325	392	431	485	486	602	559
Per capita [4]	Wine gal. [9]	1.36	1.44	1.70	2.20	2.45	2.54	2.60	2.65	2.68	2.70
Of domestic output	Wine gal. [9]	1.26	1.32	1.52	1.96	2.35	2.01	2.02	2.02	2.02	2.03
Effervescent wines: [13]											
Production	Mil. wine gal. [9]	4.1	6.4	20.0	18.0	21.2	23.8	24.4	26.8	31.2	30.4
Tax-paid withdrawals	Mil. wine gal. [9]	3.3	5.7	17.1	17.6	20.3	21.2	22.1	24.1	27.0	26.4
Stocks on hand, June 30	Mil. wine gal. [9]	2.7	3.6	8.1	9.0	10.4	11.4	12.1	11.9	14.4	16.5
Per capita [4]	Wine gal. [9]	.04	.06	.15	.13	.16	.15	.15	.17	.19	.20
Of domestic output	Wine gal. [9]	.03	.05	.13	.12	.14	.13	.12	.12	.14	.15

NA Not available. [1] Barrels of 31 wine gallons (see footnote 9). [2] Source: U.S. Bureau of the Census, *Imports for Consumption, General Imports*, FT 246. [3] Source: U.S. Bureau of the Census, *Census of Manufactures, 1977*, and *Annual Survey of Manufactures.* [4] Source: U.S. Dept. of Commerce, Bureau of Industrial Economics. Based on U.S. Bureau of the Census estimated population 18 years old and over, as of July 1, including Armed Forces abroad. [5] Excludes alcohol produced for industrial use. [6] A tax gallon for spirits of 100 proof or over is equivalent to the proof gallon; for spirits of less than 100 proof to the wine gallon. (See footnotes 7 and 9.) [7] A proof gallon is the alcoholic equivalent of a U.S. gallon at 60°F, containing 50 percent of ethyl alcohol by volume. [8] Includes ethyl alcohol. [9] A wine gallon is the U.S. gallon equivalent to the volume of 231 cubic inches. [10] Production represents total amount removed from fermenters, including distilling material, and, beginning 1970, includes increase after fermentation (by amelioration, sweetening, and addition of wine spirits). In 1975, 359 million gallons of distilling materials were produced; 1977, 347 million gal.; 1978, 258 mil. gal.; 1979, 259 mil. gal.; 1980, 184 mil. gal.; 1981, 264 mil. gal.; and 1982, 138 mil. gal. [11] Includes special natural wines. [12] Excludes distilling materials. [13] Includes champagne, other effervescent wines, and artificially carbonated wines.

Source: Except as noted, U.S. Bureau of Alcohol, Tobacco, and Firearms, *Alcohol and Tobacco Summary Statistics*, annual.

NO. 1393. TOBACCO MANUFACTURES INDUSTRY—SUMMARY: 1963 TO 1981

[In millions of dollars, except as indicated. Represents SIC 21. Includes cigarettes, cigars, chewing and smoking tobacco, and tobacco stemming and redrying]

YEAR	ESTABLISHMENTS		ALL EMPLOYEES		PRODUCTION WORKERS			Value added by manufacture	Cost of materials	Value of shipments	New capital expenditures
	Total	With 20 employees or more	Number (1,000)	Payroll	Number (1,000)	Hours (mil.)	Wages				
1963 Census	394	231	77.3	330.5	68.6	132.0	271.5	1,680.6	2,836.5	4,520.0	53.8
1964 ASM	(NA)	(NA)	78.8	352.9	70.2	138.3	290.7	1,772.1	2,883.0	4,651.7	58.8
1965 ASM	(NA)	(NA)	74.6	349.4	66.2	124.9	284.9	1,765.7	2,883.5	4,648.3	59.2
1966 ASM	(NA)	(NA)	72.4	356.2	64.1	122.3	289.4	1,872.0	2,908.8	4,772.7	58.2
1967 Census	329	195	75.1	376.9	66.1	125.5	303.6	2,032.0	2,871.4	4,903.6	53.0
1968 ASM	(NA)	(NA)	73.9	396.1	65.2	120.6	323.0	2,140.7	2,800.0	4,937.2	50.4
1969 ASM	(NA)	(NA)	72.2	411.3	63.2	117.3	328.5	2,221.0	2,766.4	4,992.2	60.6
1970 ASM	(NA)	(NA)	71.4	447.8	62.7	118.5	361.5	2,489.4	2,859.2	5,349.9	55.9
1971 ASM	(NA)	(NA)	67.1	470.5	58.5	109.2	376.3	2,559.9	2,973.0	5,527.9	94.4
1972 Census	272	154	66.3	502.1	57.4	106.8	400.9	2,697.2	3,281.1	5,920.2	133.2
1973 ASM	(NA)	(NA)	68.5	557.3	59.2	110.5	440.2	2,900.1	3,446.6	6,340.7	180.4
1974 ASM	(NA)	(NA)	67.4	604.4	58.0	106.6	476.6	3,179.1	3,966.0	7,139.0	185.4
1975 ASM	(NA)	(NA)	66.2	654.6	56.3	104.2	513.0	3,722.0	4,395.8	8,113.4	148.4
1976 ASM	(NA)	(NA)	66.2	654.6	56.3	104.2	513.0	3,721.6	4,342.3	8,059.9	144.9
1977 Census	228	123	60.6	750.7	50.4	92.6	570.7	4,334.1	4,729.8	9,050.6	181.5
1978 ASM	(NA)	(NA)	59.1	812.5	49.1	92.2	611.8	4,606.7	5,374.7	9,950.7	253.9
1979 ASM	(NA)	(NA)	58.6	906.0	47.7	90.1	667.9	5,342.7	5,240.1	10,601.3	237.2
1980 ASM	(NA)	(NA)	58.0	1,044.8	46.6	88.1	767.4	6,147.6	6,090.9	12,194.6	367.3
1981 ASM	(NA)	(NA)	61.1	1,219.2	49.1	91.5	891.4	6,429.6	6,690.8	13,129.9	726.2

NA Not available.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977,* vol. I and *Annual Survey of Manufactures.*

NO. 1394. TOBACCO PRODUCTS—PRODUCTION AND CONSUMPTION: 1960 TO 1982

[Production data are for years ending **June 30.** Excludes cigars produced in customs bonded manufacturing warehouses. See also *Historical Statistics, Colonial Times to 1970,* series P 239-241]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Production:													
Cigarettes [1]	Billions	506	562	562	652	627	688	673	688	707	702	744	711
Cigars [1]	Billions	6.9	8.9	8.0	8.7	8.3	6.7	5.8	5.6	5.1	4.9	5.0	4.5
Tobacco [2]	Mil. lb	176	169	164	152	155	153	155	156	156	163	160	165
Per capita consumption: [3]													
All products	Lb. [4]	11.8	11.5	9.6	9.4	9.1	8.7	8.5	8.1	8.3	8.0	7.6	7.5
Cigarettes	1,000	4.2	4.3	4.0	4.1	4.1	4.1	4.1	4.0	3.9	3.8	3.8	3.7
Weight	Lb. [4]	9.64	9.37	7.78	7.90	7.73	7.35	7.21	6.89	6.97	6.87	6.53	6.48
Cigars [5]	Number	61	70	60	44	39	36	33	30	27	25	23	22
Weight	Lb. [4]	1.18	1.24	1.00	.70	.63	.57	.54	.50	.44	.41	.39	.35
Tobacco [2]	Lb. [4]	.99	.88	.83	.75	.72	.73	.70	.68	.69	.69	.64	.66

[1] Large and small. Source: U.S. Bureau of Alcohol, Tobacco, and Firearms, *Alcohol and Tobacco Summary Statistics,* annual. [2] Smoking and chewing tobaccos and snuff. Source: U.S. Dept. of Agriculture, Agricultural Marketing Service, *Manufacture and Sales of Snuff, Smoking, and Chewing Tobacco,* quarterly. [3] Based on U.S. Bureau of the Census estimated population 18 years old and over, as of July 1, including Armed Forces abroad. [4] Unstemmed processing weight equivalent. [5] Weighing over 3 pounds per 1,000.

Source: Except as noted, U.S. Dept. of Agriculture, Economic Research Service, *Tobacco Situation,* quarterly.

NO. 1395. MILL CONSUMPTION OF NATURAL FIBERS: 1960 TO 1982

[In million of pounds, except per capita. Per capita figures based on U.S. Bureau of the Census population estimates as of **July 1,** including Armed Forces abroad. See *Historical Statistics, Colonial Times to 1970,* series P 229 and P 230, for wool and silk]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982 [1]
Cotton, total [2]	4,234	4,522	3,854	3,309	3,027	3,414	3,170	3,041	3,077	3,036	2,715	2,488
Per capita (lb.)	23.4	23.2	18.8	15.6	14.2	15.9	14.6	13.9	14.0	13.3	11.8	10.7
Wool, total [3]	411	387	240	94	110	122	108	115	117	123	139	115
Per capita (lb.)	2.3	2.0	1.2	.4	.5	.6	.5	.5	.5	.5	.6	.5
Flax, total	5	8	6	7	3	4	3	4	5	2	4	8
Silk, total	7	6	2	3	1	3	2	2	2	1	2	2

[1] Preliminary. [2] Reported by U.S. Bureau of the Census. For American cotton, tare as reported by Crop Reporting Board is deducted. For foreign cotton, 15 pounds deducted, 1960 and 1965; 20 pounds thereafter. [3] Reported by U.S. Bureau of the Census. Excludes consumption in cotton and other spinning systems and consumption in batting and felt manufacture.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Cotton and Wool Outlook and Situation,* June 1983.

NO. 1396. MAN-MADE FIBER DISTRIBUTION: 1960 TO 1981

[In millions of pounds, except per capita. Per capita figures based on U.S. Bureau of the Census population estimates as of July 1, including Armed Forces abroad]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981
Rayon and acetate:									
Producers' shipments [1]	1,020.7	1,496.9	1,376.2	807.1	867.9	927.9	924.7	808.1	768.4
Rayon	716.2	1,045.6	851.0	448.3	513.0	522.2	497.4	438.2	443.5
Acetate	277.6	420.8	479.1	305.7	267.4	281.6	295.4	276.2	230.3
Domestic consumption	1,055.4	1,550.4	1,414.4	801.1	861.7	870.6	822.6	733.0	701.3
Per capita (lb.)	5.8	8.0	6.9	3.7	3.9	3.9	3.7	3.2	3.3
Exports	26.9	30.5	46.1	53.1	87.5	124.1	131.9	93.7	94.6
Imports	61.6	84.0	84.3	47.1	81.3	66.8	29.8	18.6	27.5
Non-cellulosic:									
Producers' shipments [1] [2]	667.3	1,711.1	3,555.6	6,082.7	7,263.5	7,756.3	8,423.6	8,006.1	7,913.9
Nylon	375.5	867.0	1,253.8	1,847.6	2,187.9	2,415.5	2,544.5	2,250.1	2,100.7
Polyester	[3] 101.6	[3] 367.6	1,425.9	2,950.6	3,390.9	3,475.1	3,659.5	3,434.4	3,435.4
Olefin	13.2	60.1	187.0	436.1	539.6	579.7	624.2	611.7	628.3
Acrylic	116.0	324.5	430.7	467.3	619.8	571.6	546.6	585.3	494.1
Domestic consumption [2]	613.4	1,693.3	3,543.2	5,877.3	6,979.9	7,260.1	7,570.4	7,069.7	6,890.4
Per capita (lb.)	3.4	8.7	17.3	27.2	31.7	32.6	33.6	31.0	33.4
Exports	58.5	78.4	190.9	314.4	429.0	608.9	912.5	991.6	1,102.8
Imports	4.6	60.6	178.5	109.0	145.4	112.7	59.3	55.2	79.4
Producers' waste shipments:									
Rayon	33.3	51.5	34.5	13.2	18.5	15.7	17.2	13.5	15.3
Non-cellulosic	29.9	55.2	136.3	228.7	291.0	263.9	238.6	170.2	193.2

[1] Domestic consumption plus exports minus imports. [2] Includes other items not shown separately. [3] Includes other yarns, chiefly saran and spandex.

Source: Textile Economics Bureau, Inc., Roseland, N.J., *Textile Organon*, monthly. (Copyright.)

NO. 1397. WOOL—PRODUCTION, PRICE, AND SUPPLY: 1960 TO 1982

[In millions of pounds, except as indicated. For 1960 and for wool consumed in manufacturing, excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series K 559-560, for shorn wool production and price, and series P 229, for wool consumed in manufacturing]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982 [1]
Stocks of all wool, Jan. 1 [2]	151	103	102	53	42	42	49	47	51	45
Sheep and lambs shorn (mil.)	31	24	19	14	13	13	13	13	14	13
Weight per fleece (lb.)	8.5	8.5	8.4	8.3	8.1	8.1	8.0	8.0	8.1	8.0
Shorn wool production (grease basis)	265	201	162	120	107	103	105	105	110	105
Price per pound [3] (cents)	42.0	47.1	35.4	44.7	72.0	74.5	86.3	88.1	94.5	68.4
Total wool production (grease basis)	299	225	177	125	110	104	106	107	111	106
Wool, clean basis: Total production	151	113	88	67	58	55	56	56	59	56
Imports of dutiable wool [4]	74	163	80	17	34	27	20	30	48	40
Imports of duty free wool [4]	154	109	73	17	19	23	22	26	26	21
Total new supply [5]	530	488	343	154	150	164	164	174	184	162
Consumed in manufacturing [6]	411	387	240	110	108	115	117	123	139	115

[1] Preliminary. [2] Scoured basis. [3] Weighted season average price received by farmers. 1960, April-March marketing season; thereafter, calendar year. [4] Imports for consumption. [5] Production, imports, and stock of wool Jan. 1. [6] Scoured wool, plus greasy wool reduced to scoured basis.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Agricultural Statistics*, annual, and *Cotton and Wool Situation*. Imports from U.S. Bureau of the Census.

NO. 1398. HOSIERY—PRODUCTION, BY TYPE: 1960 TO 1982

[In millions of dozens of pairs. Excludes Alaska and Hawaii. Excludes slipper socks]

TYPE	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
All types	**154.9**	**198.2**	**244.1**	**216.4**	**224.8**	**253.9**	**257.4**	**263.8**	**294.5**	**280.2**	**310.1**	**281.8**
Women's	65.0	92.7	125.7	88.7	97.7	113.8	110.6	110.9	141.7	139.6	151.7	147.7
Infants' and children's [1]	17.8	18.8	20.6	22.1	22.0	27.7	28.4	29.8	32.2	28.8	31.2	25.8
Girls', boys', and women's [2]	20.8	35.2	33.6	41.4	41.9	46.4	49.0	46.7	48.4	48.8	58.8	46.3
Men's (sizes 10 and up)	51.2	51.6	64.2	64.2	63.2	66.0	69.3	76.4	72.2	63.1	68.4	62.0

[1] Sizes 3-8½. Includes knee-highs. [2] Sizes 8-11. Includes foot socks not shown separately.

Source: National Association of Hosiery Manufacturers, Charlotte, N.C., *Hosiery Statistics*, annual. (Copyright.)

No. 1399. U.S. Imports and Exports of Textiles and Apparel Products: 1965 to 1982

[**In millions of dollars.** Excludes glassfibers, linoleum, rubber and leather apparel and clothing donated for charity. Minus sign (−) indicates deficit]

ITEM	1965	1970	1975	1977	1978	1979	1980	1981	1982
Exports	**613**	**733**	**1,873**	**2,381**	**2,624**	**3,801**	**4,458**	**4,520**	**3,419**
Textile mill products	510	578	1,533	1,857	2,073	3,029	3,457	3,473	2,634
Yarn and thread	119	133	271	376	330	590	642	813	626
Cotton broad woven fabric	108	112	376	438	426	626	546	335	238
Other broad woven and knit fabric	135	151	387	399	433	678	809	825	553
Narrow fabric	21	15	32	39	84	95	106	129	117
Special fabric	64	89	194	252	406	504	709	694	554
Made-up articles	52	53	185	242	252	329	318	332	253
Textile floor coverings	11	25	88	109	143	207	327	345	293
Apparel	103	155	341	524	551	772	1,001	1,047	785
Imports	**1,280**	**2,275**	**3,530**	**5,415**	**7,045**	**7,229**	**8,139**	**9,728**	**10,090**
Textile mill products	789	1,124	1,197	1,746	2,117	2,119	2,372	2,911	2,703
Yarn and thread	61	212	114	216	237	147	166	207	229
Cotton broad woven fabric	137	173	219	351	427	380	433	607	484
Other broad woven and knit fabric	421	498	433	582	754	729	784	983	900
Narrow fabric	16	21	20	29	39	46	43	56	62
Special fabric	69	92	215	224	207	263	299	292	278
Made-up articles	35	66	98	179	253	294	362	460	473
Textile floor coverings	50	62	98	165	200	260	283	306	277
Apparel	483	1,151	2,333	3,669	4,928	5,110	5,767	6,817	7,387
Trade balance	**−667**	**−1,542**	**−1,657**	**−3,033**	**−4,420**	**−3,428**	**−3,681**	**−5,208**	**−6,671**

Source: U.S. Bureau of the Census, *U.S. General Imports, Schedule A Commodity by Country,* Report FT135, and *U.S. Exports, Schedule E Commodity by Country,* Report FT410, monthly.

No. 1400. Male and Female Clothing—Production: 1960 to 1981

[See also *Historical Statistics, Colonial Times to 1970,* series P 242 and 243]

ITEM	Unit	1960	1965	1970	1974	1975	1977	1978	1979	1980	1981
MALE CLOTHING											
Men's suits [1]	Mil. units	21.3	21.9	17.7	16.8	13.7	17.3	17.5	17.0	14.6	13.9
Boys' suits [2]	Mil. units	5.1	6.6	4.7	2.9	2.5	3.6	4.7	4.5	3.4	4.0
Separate trousers (men's)	Mil. units	100.3	142.3	173.6	156.6	118.9	128.8	122.7	125.6	125.1	122.0
Separate coats [3]	Mil. units	14.2	16.3	16.1	21.1	13.1	17.8	16.1	18.3	17.9	18.4
Woven shirts, men's [4]	Mil. doz.	23.2	28.2	20.8	20.4	17.4	18.2	15.0	14.9	13.1	13.4
Casual slacks	Mil. units	(NA)	(NA)	123.6	207.6	153.3	287.5	199.5	87.2	89.0	70.9
Jeans	Mil. units							191.0	225.5	242.7	215.2
Work shirts (incl. flannels)	Mil. doz.	3.8	4.0	4.1	3.4	2.9	4.0	3.8	3.8	3.6	3.3
FEMALE CLOTHING											
Blouses	Mil. doz.	15.6	19.0	13.3	17.2	18.3	24.7	25.6	27.5	25.6	27.1
Dresses	Mil. units	253	281	251	190	174	193	190	183	175.7	165.3
Suits [5]	Mil. units	9.4	11.9	8.8	7.8	9.0	36.5	32.1	24.9	17.6	14.2
Slacks	Mil. doz.	3.6	7.1	9.4	18.6	18.3	18.6	12.4	18.6	18.4	20.6
Jeans	Mil. doz.							4.4	5.5	5.7	7.4
Skirts	Mil. doz.	8.3	8.9	6.9	4.4	4.3	5.4	5.8	5.6	5.8	8.1
Untrimmed coats	Mil. units	21.0	19.1	17.0	20.5	18.4	19.0	18.9	18.4	17.0	15.0
Fur-trimmed coats	Mil. units	2.5	6.1	4.7							
Knit outerwear: Sweaters	Mil. doz.	6.4	7.3	5.3	6.3	6.6	6.6	5.9	4.9	4.1	6.9
Sport shirts	Mil. doz.	2.3	3.4	4.0	7.4	7.8	11.7	11.0	10.7	10.0	9.2

NA Not available. [1] Beginning 1975, excludes leisure suits. [2] Beginning 1970, includes uniform suits and coats. [3] Includes men's and boys' coats. Beginning 1975, excludes leisure coats. [4] Includes knit and woven dress and woven sport. [5] Beginning 1977, includes pant suits.

Source: U.S. Bureau of the Census, *Current Industrial Reports,* series MA-23E, MA-23F, and MA-23G.

No. 1401. Footwear—Summary: 1960 to 1982

[**In millions of pairs, except as indicated.** See *Historical Statistics, Colonial Times to 1970,* series P 260-261, for men's and women's shoes]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981, prel.	1982, prel.
Apparent consumption	**623.4**	**711.3**	**801.7**	**727.9**	**786.3**	**745.7**	**787.7**	**832.9**	**734.5**	**738.1**	**822.1**
Production, shoes and slippers	600.0	626.2	562.3	413.1	422.5	391.1	418.9	398.4	386.3	380.4	331.4
Percent exported	.5	.4	.4	1.1	1.4	1.3	1.7	2.3	2.4	2.5	2.7
Value (bil. dol.)	2.2	2.5	2.9	3.1	3.5	[1] 3.7	3.8	4.3	4.6	4.8	4.2
Shoes, sandals, playshoes (production) [2]	521.0	533.2	460.8	339.1	355.5	332.0	335.6	320.6	313.4	305.7	263.7
Men's, youths', boys'	124.7	143.8	143.5	121.2	128.1	116.8	116.8	103.8	102.0	99.1	76.1
Women's	279.8	280.0	230.2	154.1	155.9	145.0	145.4	145.9	143.0	138.0	123.9
Misses'	40.2	36.5	23.2	13.1	15.6	13.2	13.1	13.7	11.3	10.2	10.1
Children's	32.7	33.5	25.9	18.5	21.0	18.3	16.2	13.9	14.7	13.9	13.0
Infants' and babies'	36.6	32.5	29.0	24.2	24.9	22.7	23.2	22.8	23.6	23.9	18.9
Athletic shoes	7.0	7.0	9.0	7.9	10.1	16.0	20.9	20.5	15.0	16.0	16.6
Imports	26.6	87.6	241.5	319.4	369.8	360.0	375.7	443.6	361.0	369.0	479.5
Percent of total consumption	4.3	12.3	30.1	43.9	47.0	48.3	47.7	53.3	50.3	50.0	58.3

[1] Source: U.S. Bureau of the Census, *Census of Manufactures, 1977.* [2] Beginning 1980, includes items not shown separately.

Source: Except as noted, U.S. Bureau of the Census, *Current Industrial Reports,* series M31A.

No. 1402. Chemicals and Allied Products—Value of Shipments: 1970 to 1981

[In millions of dollars. "N.e.c." means not elsewhere classified]

PRODUCT	1970	1972	1974	1975	1976	1977	1978	1979	1980	1981
Alkalies and chlorine	666	806	1,232	1,673	1,866	1,786	1,746	1,864	2,078	2,480
Industrial gases	664	659	793	906	1,049	1,199	1,408	1,520	1,563	1,905
Cyclic crudes and intermediates	2,014	2,332	4,141	4,202	5,231	5,514	5,515	7,388	7,732	8,570
Inorganic pigments	683	756	1,196	964	1,267	1,339	1,381	1,585	1,601	1,821
Industrial organic chemicals, n.e.c.[1]	6,470	7,466	12,743	14,098	16,794	19,378	21,214	25,083	27,019	31,261
Misc. end-use chems. and chem. prods. exc. urea						2,071	1,851	2,503	2,911	3,154
Misc. cyclic and acyclic chemicals and chemical products	4,897	5,900	9,828	10,901	12,977	13,425	14,915	17,575	19,402	23,239
Industrial inorganic chemicals, n.e.c.[2]	4,109	3,003	4,609	4,675	5,751	6,920	7,977	9,294	10,327	10,090
Potassium and sodium compounds	543	503	900	910	1,074	1,103	1,206	1,275	1,375	1,552
Plastics materials and resins	4,562	4,486	8,444	7,747	10,455	12,181	13,783	16,964	18,014	20,172
Synthetic rubber (vulcanizable elastomers)	1,114	1,289	1,862	1,820	2,204	2,354	2,826	3,228	3,248	3,462
Cellulosic manmade fibers	665	685	898	781	814	851	945	1,086	1,156	1,231
Organic fibers, noncellulosic	2,468	2,949	3,867	4,035	4,414	5,472	5,912	6,719	7,147	8,139
Biological products	351	495	684	788	874	1,068	1,216	1,421	1,599	1,857
Medicinals and botanicals	747	794	1,467	1,489	1,774	2,206	2,406	2,906	3,158	3,397
Pharmaceutical preparations	5,264	6,295	7,463	8,247	9,217	9,640	10,711	11,539	13,012	14,623
Soaps and detergents	2,509	2,852	3,500	3,963	4,490	5,000	5,551	6,107	7,081	7,914
Polishes and sanitation goods	1,306	1,736	1,980	2,196	2,432	2,669	3,029	3,112	3,359	3,634
Specialty cleaning and sanitation products	755	899	1,071	1,197	1,316	1,478	1,625	1,880	2,089	2,172
Toilet preparations[1]	3,770	4,247	4,797	5,178	5,883	6,394	6,792	7,510	8,209	9,248
Hair preparations (incl. shampoos)	1,034	1,065	1,129	1,306	1,408	1,475	1,466	1,719	2,003	2,123
Perfumes, toilet water, colognes	536	677	755	918	1,007	1,097	1,250	1,438	1,468	1,651
Dentifrices, mouthwashes, gargles, etc.	468	485	535	536	628	660	733	848	866	1,142
Paints and allied products	3,019	3,520	4,578	4,672	5,415	6,123	6,671	7,403	7,682	8,591
Fertilizers[2]	1,394	2,642	5,203	6,588	6,026	6,845	6,931	7,985	9,981	9,897
Adhesives and sealants[3]	580	954	1,404	1,464	1,655	1,873	2,075	2,366	2,426	2,745
Explosives	213	238	359	450	426	426	456	592	646	659
Printing ink	389	498	623	698	765	904	990	1,100	1,235	1,376

[1] Includes products not shown separately. [2] Beginning 1972, synthetic ammonia, nitric acid, and ammonium compounds included in fertilizers. [3] Beginning 1972, excludes gelatin.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972*, and *1977*, and *Annual Survey of Manufactures*.

No. 1403. Chemicals—Production, by Kind: 1980 and 1981

[**In thousands of short tons, except as indicated.** Data for chemicals shown are restricted to a selected group composed for the most part of inorganic chemicals and related products which are sufficiently important economically to justify publication. Includes data for chemicals produced by Tennessee Valley Authority, and by Government-owned privately operated plants. See *Historical Statistics, Colonial Times to 1970*, series P 248, 249, and 251, for sodium hydroxide, ammonia (anhydrous), and sulfuric acid, respectively]

CHEMICAL	1980	1981	CHEMICAL	1980	1981
Acetylene[1] (mil. cu. ft.)	5,493	5,161	Hydrogen peroxide (100% by weight)	116	111
Aluminum chloride:					
Anhydrous (100% $AlCl_3$)	74	(D)	Nitric acid (100% HNO_3)	9,232	9,077
Liquid and crystal (32° Bé)	21	(D)	Nitrogen (100%) (bil. cu. ft.)	479	490
Aluminum sulfate (17% Al_2O_3)[2] (commercial)	1,286	1,294	Nitrogen solutions (100% N) (bil. cu. ft.)	2,773	3,177
Iron free	116	90	Oxygen (bil. cu. ft.)	431	431
Ammonia, synthetic anhydrous	19,653	19,076	Phosphoric acid (100% P_2O_5)	10,848	9,922
Ammonium nitrate, original solution (100% NH_4NO_3)	9,127	8,936	Phosphorus (white and red)	432	426
Ammonium sulfate, synthetic (technical)[3]	2,136	2,194	Potassium hydroxide (88-92% KOH)	245	238
Argon, refined (mil. cu. ft.)	7,895	8,039	Potassium pyrophosphate (100% $K_4P_2O_7$)	24	19
Calcium carbide (commercial)	261	279	Sodium bichromate and chromate	154	153
Calcium phosphate dibasic (100% $CaHPO_4$)	863	785	Sodium chlorate (100% $NaClO_3$)	313	302
Carbon, activated[4]	81	85	Sodium hydroxide (caustic soda) (100% NaOH)	11,625	10,414
Carbon dioxide (liquid, gas, and solid)[5]	3,472	3,725	Sodium silicate (soluble silicate glass, liquid and solid) (anhydrous)[6]	805	788
Chlorine, gas[5]	11,421	10,767	Sodium sulfate:		
Chrome, yellow and orange (C.P.)	28	28	High purity (more than 99% Na_2SO_4)	464	411
Chrome orange, molybdate (C.P.)	10	10	Glauber's salt (100% Na_2SO_4–$10H_2O$)	676	666
Hydrochloric acid (100% HCl)	12,888	2,502	Sulfuric acid gross[9] (mil. sh. tons)	44	41
Hydrofluoric acid, anhydrous and aqueous (100% HF)	213	179	Titanium dioxide[10] (100% TiO_2)	727	761
Hydrogen[7] (bil. cu. ft.)	107	103			

D Withheld to avoid disclosing individual company data. [1] Excludes quantities of acetylene produced and consumed by railroad shops, shipyards, and small establishments using portable generators. [2] Includes quantities produced and consumed by municipalities. [3] Excludes byproduct coke-oven production. [4] Includes data for decolorizing and water purification grades only. [5] Excludes quantities produced and consumed in plants manufacturing soda ash or urea. [6] Total production, including quantities liquefied for use, storage, or shipment. [7] Excludes quantities produced and consumed in manufacture of methanol and ammonia, produced by ammonia dissociation process, or disposed of as waste, e.g. vented, used as fuel, etc. Excludes amounts of hydrogen produced in petroleum refineries for captive use. [8] Excludes amounts produced and consumed in making meta-, ortho-, and sesquisilicates. [9] 100% H_2SO_4. Includes sulfuric acid of oleum grades. [10] Composite and pure.

Source: U.S. Bureau of the Census, compiled from manufacturers reports and published in *Current Industrial Reports*, series MA28A, MA28B, and MA28C.

No. 1404. Petroleum and Coal Products—Value of Shipments and Inventories: 1963 to 1981

[In millions of dollars. See also table 1284]

ITEM AND PRODUCT	1963	1967	1972	1975	1977	1978	1979	1980	1981
Shipments, total	16,864	20,821	27,349	66,456	93,947	100,349	140,887	190,414	216,383
Petroleum refining [1]	15,558	19,249	24,773	62,481	88,590	93,745	133,359	182,100	207,555
Gasoline	7,978	9,844	13,030	31,502	41,840	45,529	62,741	90,516	101,940
Jet fuel	633	1,100	1,372	3,702	5,359	5,720	8,383	13,152	14,802
Kerosene	375	431	372	791	893	797	1,306	1,483	1,704
Light fuel oil	2,896	3,306	4,408	11,298	17,509	17,664	25,632	32,241	37,436
Heavy oil	622	566	1,107	4,626	6,794	6,600	9,038	12,012	14,228
Liquefied refinery gases	703	1,136	1,153	2,910	4,501	4,823	7,860	9,682	11,555
Lubricating oils and greases	785	884	895	1,443	1,719	1,847	2,624	3,339	3,841
Unfinished oils and lubricating oils base stock	526	613	734	1,613	2,888	3,133	5,312	7,199	6,992
Asphalt	361	424	672	1,541	2,217	2,131	2,626	3,140	3,317
Other petroleum products, and refinery products	681	945	1,031	3,056	4,870	5,501	7,837	9,337	11,738
Paving mixtures and blocks	403	530	893	1,203	1,519	1,931	1,963	2,313	2,278
Asphalt felts and coatings	408	519	902	1,463	1,829	2,387	2,699	2,731	2,764
Lubricating oils and greases not made in refining	426	443	642	1,059	1,514	1,787	2,271	2,530	2,897
Other	69	80	139	253	495	499	595	740	869
Inventories, total [2]	1,818	2,030	2,223	4,751	5,656	5,498	7,653	9,880	10,563
Petroleum refining	1,696	1,904	2,002	4,395	5,196	4,963	7,074	9,179	9,686

[1] Petroleum refining by product class. [2] Includes lubricating oils and greases from purchased materials. Inventories as of end of reporting year.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977*, MC 77-1-29A, and *Annual Survey of Manufactures*.

No. 1405. Rubber—New Supply, Distribution, and Stocks: 1960 to 1981

[In thousands of long tons. 1960 excludes Alaska and Hawaii, except for imports and exports, which also include Puerto Rico. Natural rubber refers to dry weights of all types, including liquid latex, guayule, etc. Synthetic comprises SBR (including weight of oil content), neoprene, butyl, and butadiene-acrylonitrile, all years; beginning 1965, also includes polyisobutylene, chlorosulfonated polyethylene, and polysulfide, silicone, acrylic, stereo, and fluorocarbon rubbers. Reclaimed comprises both natural and synthetic]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
New supply	2,150	2,581	3,042	3,547	3,285	2,826	3,332	3,557	3,772	3,816	3,114	3,150
Domestic production [1]	1,729	2,094	2,398	2,768	2,492	2,077	2,496	2,600	2,830	2,889	2,302	2,316
Synthetic	1,436	1,813	2,197	2,566	2,358	1,958	2,387	2,481	2,705	2,764	2,215	2,234
Imports [2]	420	487	644	779	793	749	836	957	943	927	812	834
Natural	411	445	550	643	682	658	714	793	771	769	618	675
Distribution	2,203	2,657	3,001	3,584	3,344	2,956	3,222	3,618	3,773	3,845	(3)	(3)
Domestic consumption [2]	1,835	2,326	2,677	3,268	3,039	2,706	2,919	3,343	3,471	3,409	(3)	(3)
Synthetic	1,079	1,540	1,918	2,402	2,175	1,933	2,138	2,433	2,559	2,541	(3)	(3)
Exports [2]	368	331	324	316	305	250	303	275	302	437	487	412
Synthetic	342	282	299	295	284	226	281	252	284	416	465	398
Stocks, end of year [1]	359	442	645	629	644	528	642	582	606	370	293	311

[1] Includes reclaimed and synthetic. [2] Natural, synthetic and reclaimed. [3] Series discontinued as of 1980.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-30A.

No. 1406. Selected Plastics Products—Value of Shipments: 1975 to 1981

[In millions of dollars. Excludes all products specifically classified in other industries such as converted flexible packaging, boats, toys, sporting goods, luggage, etc., and captive production of plastics by companies who ship products other than those classified in SIC Industry 3079]

PRODUCT	1975	1978	1979	1980	1981, prel.	PRODUCT	1975	1978	1979	1980	1981, prel.
Selected plastics products	15,533	27,165	29,348	30,245	34,218	Custom compounded purchased resins	352	868	1,154	1,177	1,298
Unsupported plastics film sheets, sheeting, rods, tubes, and other	2,701	4,590	5,051	5,158	5,599	Furniture components and furnishings	543	1,127	1,214	1,287	1,439
Laminated sheets, rods, and tubes	801	1,305	1,542	1,561	1,524	Packaging	2,051	3,063	3,729	4,304	5,129
Building and construction plastics products	1,339	3,006	3,120	3,286	3,264	Transportation	1,182	2,598	2,542	1,832	2,134
Regenerated cellulosic prod., exc. rayon	473	357	309	311	432	Electrical and electronic	603	1,519	1,578	1,643	1,899
						Consumer, institutional, and commercial fabricated plastics products	3,961	3,540	3,507	3,865	4,572

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-30D.

No. 1407. Iron and Steel Industry—Summary: 1960 to 1982

[The universe for financial data for 1982 represents companies who produced 82 percent of the reported raw steel production. The user should recognize that many of these companies produce and sell products and services other than those related to the steel industry; therefore the financial data reported represents the total operations of the steel companies. Minus sign (—) indicates net loss]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
Steel mill products, apparent supply	Mil. tons [1]	71.5	100.6	97.1	89.0	108.4	116.6	115.0	95.2	105.4	76.4
Net shipments	Mil. tons [1]	71.1	92.7	90.8	80.0	91.1	97.9	100.3	83.9	88.5	61.6
Exports	Mil. tons [1]	3.0	2.5	7.1	3.0	2.0	2.4	2.8	4.1	2.9	1.8
Imports	Mil. tons [1]	3.4	10.4	13.4	12.0	19.3	21.1	17.5	15.5	19.9	16.7
Percent of total supply	Percent	4.7	10.3	13.8	13.5	17.8	18.1	15.2	16.3	18.9	21.8
Japan	Percent	(NA)	(NA)	(NA)	6.6	7.2	5.6	5.5	6.3	5.9	6.8
EEC [2]	Percent	(NA)	(NA)	(NA)	4.6	6.3	6.4	4.7	4.1	6.1	7.3
Canada	Percent	(NA)	(NA)	(NA)	1.1	1.7	2.0	2.0	2.5	2.7	2.4
Other	Percent	(NA)	(NA)	(NA)	1.2	2.6	4.1	3.0	3.4	4.2	5.3
Scrap consumed	Mil. tons [1]	52.1	69.8	69.3	62.8	69.3	76.3	77.2	66.6	68.3	44.5
Scrap produced	Mil. tons [1]	33.3	46.7	46.4	40.1	42.4	44.8	45.4	36.9	38.4	24.0
Scrap inventory	Mil. tons [1]	7.7	6.0	6.5	7.6	7.7	6.9	7.4	6.9	7.1	5.2
Iron and steel products:											
Exports	Mil. tons [1]	4.1	3.1	8.1	4.1	3.2	3.5	3.8	5.1	3.8	2.6
Imports	Mil. tons [1]	4.1	12.0	14.6	13.9	21.7	24.1	20.3	17.9	22.6	18.8
Revenues	Bil. dol.	14.2	18.0	19.3	33.7	39.7	49.5	55.7	53.8	61.5	53.4
Net income	Bil. dol.	.8	1.1	.5	1.6	(z)	1.2	1.2	1.7	2.6	—3.2
Stockholders' equity [3]	Bil. dol.	10.5	12.0	13.0	16.2	18.0	17.6	17.7	18.1	19.5	21.4
Total assets	Bil. dol.	15.9	18.8	23.6	30.4	35.4	38.4	40.2	43.7	47.1	49.7
Net fixed assets	Bil. dol.	8.8	10.0	14.1	16.9	19.7	20.3	21.3	22.4	22.9	29.8
Capital expenditures	Bil. dol.	1.5	1.8	1.7	3.2	2.9	2.5	3.3	3.4	3.4	4.2
Working capital ratio [4]	Ratio	2.6	2.4	1.9	2.0	1.8	1.8	1.7	1.7	1.8	1.5
Inventories	Bil. dol.	3.0	3.2	1.1	5.4	5.9	6.5	6.9	6.8	8.0	8.1
Average employment	1,000	572	584	531	457	452	449	453	399	391	289
Hours worked	Million	1,087	1,421	1,220	855	876	892	894	758	753	526
Index of output all employees [5]	1977=100	71	87	88	93	100	108	107	103	112	91
Producer price indexes: [6]											
Iron and steel, total	1967=100	97.1	97.9	115.1	200.9	230.4	253.6	283.5	305.2	333.8	339.0
Steel mill products	1967=100	96.4	97.5	114.2	197.2	229.9	254.5	280.4	302.7	337.6	349.5
Finished	1967=100	96.3	97.5	114.2	196.6	229.0	253.5	279.5	301.2	336.2	(NA)
Semifinished	1967=100	97.1	98.3	112.2	206.7	243.6	270.5	294.3	325.6	359.3	370.2
Pig iron and ferroalloys	1967=100	120.4	100.3	114.8	264.7	257.1	260.0	296.7	307.4	316.2	316.6
Iron ore	1967=100	108.0	100.7	100.1	154.3	186.1	194.9	216.7	244.8	268.4	278.7
Scrap, iron and steel	1967=100	110.2	112.6	138.8	245.6	231.2	264.6	341.9	328.1	327.4	232.9
Foundry and forge shop products	1967=100	92.0	94.6	112.1	194.3	230.5	249.5	277.1	310.0	329.8	345.5

NA Not available. Z Less than $50 million. [1] In millions of short tons. [2] European Economic Community; includes Belgium, Denmark, France, Fed. Rep. of Germany, Ireland, Italy, Luxembourg, The Netherlands, and the United Kingdom. [3] 1960 to 1970, as of December 31; thereafter, as of January 1. [4] Current assets to current liabilities. [5] Index of output per employee hour. [6] Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

Source: Except as noted, American Iron and Steel Institute, Washington, D.C., *Annual Statistical Report*. (Copyright.)

No. 1408. Raw Steel, Pig Iron and Ferroalloys Production: 1960 to 1982

[**In millions, except percent.** See also *Historical Statistics, Colonial Times to 1970*, series P 265-269]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Raw Steel (net tons)												
World production	379.7	503.1	654.2	782.8	712.0	745.6	741.8	790.6	824.5	790.4	779.4	[1] 711.3
U.S. production	99.3	131.5	131.5	145.7	116.6	128.0	125.3	137.0	136.3	111.8	120.8	74.6
Percent of world	26.0	26.2	20.1	18.6	16.4	17.2	16.9	17.3	16.5	14.2	15.5	10.5
Basic oxygen process	3.3	22.9	63.3	81.6	71.8	79.9	77.4	83.5	83.3	67.6	73.2	45.3
Electric	8.4	13.8	20.2	28.7	22.7	24.6	27.9	32.2	33.9	31.2	34.1	23.2
Open hearth [2]	87.6	94.8	48.0	35.5	22.2	23.5	20.0	21.3	19.1	13.0	13.5	6.1
Carbon	90.9	116.7	117.4	126.6	100.4	112.0	108.1	116.9	116.2	94.7	101.5	64.1
Alloy and stainless	8.4	14.8	14.1	19.1	16.3	16.0	17.2	20.1	20.1	17.1	19.3	10.5
Pig iron and ferroalloys (sh. ton)												
Total production [3]	**68.6**	**90.9**	**93.5**	**95.9**	**79.8**	**86.9**	**81.3**	**87.7**	**87.0**	**66.7**	**73.6**	**43.3**
Basic	58.3	80.4	86.4	91.2	75.9	82.9	78.2	84.5	84.0	67.0	71.2	42.6
Bessemer [4]	3.8	2.9	1.6	1.2	1.2	1.3	.4	.4	.2	–	.1	–
Foundry [5]	2.2	2.3	2.3	1.5	1.3	1.5	1.6	1.9	1.5	.7	1.2	.2
All other	4.4	5.2	3.2	2.0	1.5	1.2	1.1	.9	1.3	1.0	1.1	1.0

– Represent zero. [1] Preliminary. [2] Prior to 1970, includes Bessemer. [3] Beginning 1974, includes blast furnace ferroalloys. [4] Includes low phosphorus. [5] Includes ferrosilicon.

Source: American Iron and Steel Institute, Washington, D.C. *Annual Statistical Report*. (Copyright.)

No. 1409. Steel Products—Net Shipments, by Market Classes: 1960 to 1982

[In thousands of short tons. Comprises carbon, alloy, and stainless steel. "N.e.c." means not elsewhere classified]

MARKET CLASS	1960	1965	1970	1975	1978	1979	1980	1981	1982
Total [1]	**71,149**	**92,666**	**90,798**	**79,957**	**97,935**	**100,262**	**83,853**	**88,450**	**61,567**
Automotive	14,610	20,123	14,475	15,214	21,253	18,621	12,124	13,154	9,288
Steel service centers, distributors	11,125	14,813	16,025	12,700	17,333	18,246	16,172	17,637	13,067
Construction, incl. maintenance	9,664	11,836	8,913	8,119	9,612	9,978	8,742	8,446	6,283
Containers, packaging, shipping	6,429	7,331	7,775	6,053	6,595	6,772	5,551	5,292	4,470
Machinery, industrial equipment, tools	3,958	5,873	5,169	5,173	5,992	5,996	4,543	4,624	2,584
Steel for converting and processing	2,928	3,932	3,443	3,255	4,612	5,058	4,117	5,058	3,222
Rail transportation	2,525	3,805	3,098	3,152	3,549	4,111	3,155	2,162	1,020
Contractors' products	3,602	5,018	4,440	3,927	3,480	3,745	3,148	3,230	2,287
Oil and gas industries	1,759	1,936	3,550	4,171	4,140	3,739	5,371	6,238	2,745
Electrical equipment	2,078	2,985	2,694	2,173	2,811	2,819	2,441	2,600	2,003
Appliances, utensils, and cutlery	1,760	2,179	2,160	1,653	2,094	2,140	1,725	1,775	1,337
Other domestic commercial equipment	1,959	2,179	1,778	1,390	1,889	2,073	1,701	1,622	1,247
Exports (reporting companies only)	2,563	2,078	5,985	1,755	1,224	2,007	2,595	1,845	832
Agricultural, incl. machinery	1,003	1,483	1,126	1,429	1,805	1,971	1,240	1,229	944
Independent forgers, n.e.c.	841	1,250	1,048	1,098	1,192	1,254	933	1,035	579
Industrial fasteners [2]	1,071	1,234	1,005	675	870	934	590	648	404
Shipbuilding and marine equipment	622	1,051	859	1,413	845	924	1,201	1,101	399
Mining, quarrying, and lumbering	288	392	497	596	508	569	454	493	254
Ordnance and other military	165	289	1,222	405	207	204	177	166	203
Aircraft and aerospace	78	94	56	69	60	60	53	37	30

[1] Total includes nonclassified shipments. [2] Bolts, nuts, rivets, and screws.

Source: American Iron and Steel Institute, Washington, D.C., *Annual Statistical Report.* (Copyright.)

No. 1410. Ferrous and Nonferrous Castings—Shipments: 1960 to 1982

[In thousands of short tons. Data are based on a sample of foundries]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Ferrous castings: [1]											
Gray iron castings [2 3 4]	11,594	15,713	13,945	13,328	15,103	16,014	16,124	15,402	11,799	11,801	8,215
Pressure pipe and fittings	1,336	1,876	1,691	1,380	1,414	1,653	1,690	1,546	1,396	1,249	1,100
Soil pipe and fittings	782	958	953	449	533	457	512	482	375	410	353
All other	9,476	12,879	11,301	11,499	13,156	13,904	13,922	13,374	10,028	10,142	6,742
Malleable iron castings [2]	821	1,136	852	770	845	815	790	715	450	422	284
For sale	467	648	521	484	518	479	455	376	206	200	118
For own use	354	488	331	286	327	336	335	339	244	222	166
Standard malleable	632	827	628	534	570	572	542	496	312	291	190
Pearlitic malleable	189	309	224	236	275	243	248	219	138	129	94
Steel castings [2 3]	1,392	1,961	1,724	2,026	1,893	1,667	1,857	2,039	1,878	1,743	1,017
Carbon	1,016	1,378	1,147	1,758	1,660	1,474	1,675	1,342	1,225	1,102	609
Alloy	376	583	577	268	233	193	182	697	653	641	408
Nonferrous castings, all types [3]	**2,201**	**3,437**	**3,033**	**2,534**	**3,157**	**3,281**	**3,327**	**3,253**	**2,432**	**2,440**	**2,015**
Copper and copper-base alloy	760	889	751	519	549	580	580	617	489	476	404
Aluminum and aluminum-base alloy	775	1,409	1,506	1,375	1,845	2,009	2,088	2,081	1,536	1,581	1,306
Zinc and zinc-base alloy	623	1,065	696	572	691	613	574	491	346	329	260
Magnesium and magnesium-base alloy	24	32	34	32	39	49	45	28	24	23	15
Lead and lead-base alloy die [5]	21	42	45	36	32	31	40	36	35	31	30

[1] 1960 excludes Alaska and Hawaii. [2] Beginning 1975, data not strictly comparable with earlier years. [3] Includes shipments "for own use." [4] Includes ductile (nodular) iron castings. [5] Excludes lead die casting for battery plates and parts.

Source: U.S. Bureau of the Census, *Current Industrial Reports,* series M33A and M33E.

No. 1411. Copper-Base Mill and Foundry Products—Shipments: 1960 to 1982

[In millions of pounds, metal weight. 1960 excludes Alaska and Hawaii]

PRODUCT	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Total	**4,298**	**6,288**	**5,640**	**6,196**	**4,639**	**5,512**	**5,980**	**6,266**	**6,707**	**5,786**	**5,987**	**4,846**
Brass mill products	1,878	2,974	2,513	2,813	2,025	2,517	2,668	2,712	2,976	2,467	2,622	2,014
Alloyed [1]	1,128	1,711	1,542	1,816	1,324	1,643	1,726	1,750	1,869	1,508	1,695	1,247
Unalloyed	750	1,263	971	997	701	873	942	962	1,107	959	927	767
Copper wire mill products [2]	1,521	2,177	2,329	2,647	2,056	2,383	2,667	2,911	3,048	2,783	2,847	2,393
Brass and bronze foundry products	862	1,075	751	667	512	547	583	580	617	489	471	405
Copper-base powder mill products	39	62	47	69	46	65	64	63	66	47	47	34

[1] Excludes webbing scrap (military ammunition cups and discs). [2] Copper content.

Source: U.S. Bureau of the Census and U.S. Bureau of Industrial Economics, *Current Industrial Reports,* series ITA-9008, annual.

No. 1412. Aluminum and Magnesium Mill Products—Net Shipments: 1960 to 1982

[In millions of pounds. 1960 excludes Alaska and Hawaii. Producers' net shipments consist of total shipments less shipments to other metal mills for further fabrication into other forms of mill products]

PRODUCT	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Aluminum mill products	3,049	5,692	7,358	7,427	9,706	10,442	11,346	11,241	10,485	10,329	9,116
Plate, sheet, and foil	1,637	3,019	4,247	4,664	6,346	6,846	7,285	7,205	6,692	6,629	6,060
Extruded shapes and tubing	937	1,719	1,823	1,643	2,141	2,396	2,509	2,426	2,329	2,104	1,961
Rolled structural shapes, rod, bar [1]	392	800	963	924	985	959	1,280	1,337	1,213	1,150	862
Powder, flake and paste	33	59	205	99	132	121	136	126	117	103	80
Forgings and impacts	50	95	120	97	100	121	136	147	134	139	[2]152
Magnesium mill products	21	32	31	26	27	32	40	44	35	33	35

[1] Includes wire. [2] Includes welded tubes.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series M33-2 and MA33G.

No. 1413. Machine Tool Orders and Shipments: 1960 to 1982

[In millions of dollars. These data represent total industry volume based on reports from members of the National Machine Tool Builders' Association. The reporting companies produce about 90 percent of the U.S. machine tool output]

YEAR	METAL CUTTING TYPE TOOLS					METAL FORMING TYPE TOOLS				
	New orders (net)		Shipments		Order backlog, end of period	New orders (net)		Shipments		Order backlog, end of period
	Total	Domestic	Total	Domestic		Total	Domestic	Total	Domestic	
1960	535	375	542	421	344	210	153	203	160	100
1961	592	401	541	367	394	183	136	210	156	73
1962	572	469	613	450	354	245	193	208	156	109
1963	760	607	638	526	475	302	263	257	215	153
1964	1,039	861	845	679	669	540	487	320	281	374
1965	1,252	1,123	1,023	886	899	442	410	403	363	412
1966	1,630	1,483	1,222	1,098	1,307	446	401	463	437	394
1967	1,135	1,025	1,353	1,211	1,089	287	248	453	407	228
1968	1,079	960	1,358	1,238	810	395	361	369	324	255
1969	1,195	1,033	1,192	1,077	812	533	484	405	369	383
1970	651	507	993	827	471	261	227	450	412	235
1971	609	524	672	554	408	252	223	326	286	162
1972	1,009	877	714	827	702	403	368	304	267	261
1973	1,825	1,550	1,074	935	1,454	787	717	427	388	621
1974	2,017	1,716	1,446	1,241	2,025	566	406	585	522	521
1975	916	781	1,879	1,548	1,062	361	213	573	485	219
1976	1,662	1,477	1,482	1,270	1,242	541	509	578	474	209
1977	2,202	1,961	1,651	1,470	1,794	793	731	630	560	384
1978	3,373	3,043	2,189	1,960	2,981	973	897	825	729	518
1979	4,495	3,866	2,930	2,606	4,546	1,126	920	947	860	619
1980	3,885	3,496	3,681	3,206	4,750	870	665	1,011	879	385
1981	2,228	1,946	4,105	3,552	2,873	717	617	991	824	427
1982	1,064	890	2,895	2,599	1,043	433	372	710	600	151

Source: National Machine Tool Builders Association; data published in U.S. Bureau of Economic Analysis, *Business Statistics, 1979*, for 1955-1978; thereafter, *Survey of Current Business*, monthly.

No. 1414. Selected Heating Equipment—Summary of Shipments: 1975 to 1981

[Included in SIC major group 34; represents companies with 20 or more employees]

ITEM	QUANTITY (1,000 units)					VALUE (mil. dol.)				
	1975	1978	1979	1980	1981	1975	1978	1979	1980	1981
Domestic heating stoves	1,097	2,054	2,608	1,735	1,219	80	234	310	363	253
Oil burners, sold separately	554	685	666	482	472	63	90	101	95	94
Gas-fired unit heaters	101	178	182	119	82	22	50	52	39	29
Floor and wall furnaces	361	433	327	290	251	32	50	48	49	46
Solar energy collectors [1]	(NA)	171	[2] 227	303	258	(NA)	27	[2] 33	47	55
Mechanical stokers	(Z)	1	2	12	23	5	9	11	14	21
Duct furnaces	14	25	24	17	10	5	9	9	9	6

NA Not available. Z Less than 500. [1] For related data, see table 1010. [2] Excludes concentrating collectors.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-34N.

No. 1415. Machinery (Except Electrical)—Value of Shipments: 1960 to 1981

[In millions of dollars. "N.e.c." means not elsewhere classified. Includes products with shipments of $1 billion or more in 1981. Based on sample; see Appendix III]

PRODUCT	1960	1970	1972	1975	1977	1978	1979	1980	1981
Ball and roller bearings	836	1,295	1,419	2,046	2,445	2,795	3,156	3,352	3,760
Blowers and fans [1]	269	647	682	1,247	1,422	1,511	1,703	1,902	1,878
Calculating and accounting machines [1]	(NA)	525	694	837	836	891	1,170	1,233	1,377
Electronic computing equipment [1]	(NA)	5,671	6,108	8,443	12,673	15,769	20,399	25,658	30,157
Carburetors, pistons, rings, and valves	(NA)	530	792	898	1,299	1,507	1,775	1,668	2,029
Construction machinery [2]	940	2,049	3,161	5,070	6,597	8,016	8,718	8,466	8,716
Conveyors and conveying equipment [1]	367	814	826	1,333	1,684	1,923	2,318	2,530	2,769
Farm machinery, except tractors [1]	1,449	3,065	2,928	5,316	6,912	7,357	8,989	8,934	9,787
Lawn and garden equipment [1]			1,143	1,558	1,747	2,118	2,704	2,419	2,270
Farm tractors, wheel-type, incl. attachments	[1] 511	915	1,215	2,374	2,637	2,524	3,094	2,919	3,251
Food products machinery [1]	462	823	867	1,411	1,576	1,955	2,052	2,159	2,173
Hoists, cranes, and monorails [1]	201	487	446	756	901	1,009	1,268	1,396	1,403
Industrial furnaces and ovens [1]	215	377	341	532	704	794	950	1,042	1,080
Industrial trucks and tractors [1]	389	890	1,005	1,302	1,800	2,266	2,797	2,582	2,467
Internal combustion engines [1 3]	1,215	2,762	3,353	5,191	7,548	9,064	9,624	9,555	10,909
Machine tools, metal cutting types [1]	747	1,544	1,259	2,406	2,561	3,377	4,128	4,952	5,554
Machine tools, metal forming types [1]	379	735	670	1,026	1,115	1,358	1,635	1,749	1,652
Office machines, n.e.c. and typewriters [1]	456	978	1,047	1,334	2,020	2,422	2,756	3,246	3,459
Oil field machinery [1]	507	934	980	2,412	3,219	4,046	4,885	6,517	10,129
Paper industries machinery [1]	348	455	381	761	698	799	1,017	1,177	1,177
Power-driven handtools [1]	254	523	725	772	1,497	1,694	1,911	2,084	1,983
Printing trades machinery [1]	350	657	737	940	1,287	1,536	1,746	2,053	2,286
Pumps and pumping equipment [1]	1,107	2,203	1,633	2,623	3,523	4,037	4,697	5,195	6,301
Refrigeration and heating equipment [1]	1,809	5,053	6,232	6,151	8,502	10,158	10,939	10,253	11,514
Small cutting tools for machine tools	401	700	738	1,185	1,376	1,652	2,024	2,199	2,353
Special dies, tools, jigs, and fixtures	1,751	2,775	2,714	3,068	4,450	5,059	5,733	6,165	6,975
Turbines, and turbine generator sets [1]	623	1,640	2,080	2,585	2,813	2,824	3,211	3,601	3,787
Textile machinery [1]	494	712	738	861	857	949	1,057	1,123	1,145
Tractor shovel loaders	286	581	811	1,280	1,537	1,926	2,077	1,959	1,892
Tracklaying tractors	270	479	564	1,128	1,165	1,421	1,358	1,326	1,578

NA Not available. [1] Includes parts. [2] Excludes tractors and tractor shovel loaders. [3] Excludes aircraft and gasoline automotive.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972* and *1977*, and *Annual Survey of Manufactures.*

No. 1416. Electrical Machinery and Products Shipments: 1960 to 1981

[In millions of dollars. All figures based on sample and subject to sampling variability. "N.e.c." means not elsewhere classified. Includes products with shipments of $2 billion or more in 1981]

PRODUCT	1960	1965	1970	1972	1975	1977	1978	1979	1980	1981, prel.
Batteries	558	831	1,056	1,270	1,747	2,535	2,938	3,286	3,364	3,489
Communications equipment	2,028	3,098	5,444	5,529	[1] 7,941	[1] 11,031	[1] 12,499	[1] 14,861	[1] 17,571	[1] 19,413
Telephone and telegraph apparatus	1,431	1,953	3,575	3,974	4,734	7,119	8,003	9,677	11,162	12,177
Communication equipment, excluding broadcast	597	1,145	1,869	1,555	2,739	3,344	3,789	4,282	5,261	5,870
Connectors for electronic applications	(NA)	[2] 2,276	[2] 3,134	524	839	986	1,322	1,683	2,010	2,130
Current carrying wiring devices	622	644	983	1,207	1,240	1,825	2,024	2,561	2,704	2,859
Electric housewares and fans	598	1,002	1,261	1,448	1,687	2,304	2,372	2,730	3,094	2,874
Electronic components and subassemblies, n.e.c.	(NA)	([2])	([2])	3,210	3,445	5,574	6,827	8,611	10,122	12,020
Engine electrical equipment	772	1,059	1,437	1,781	2,050	3,049	3,432	3,424	3,039	3,401
General industry power circuit devices	567	825	1,154	1,246	1,874	2,429	2,997	3,464	3,977	4,387
Household cooking equipment	469	624	811	1,027	1,101	1,807	2,089	2,212	2,330	2,477
Household refrigerators and freezers	805	960	1,220	1,419	1,611	2,006	2,045	2,314	2,202	2,403
Lamp bulbs	490	643	885	1,069	1,225	1,630	1,894	2,143	2,050	2,042
Lighting fixtures	849	1,313	1,796	2,276	2,366	3,230	1,852	2,125	2,230	2,408
Motors and generators	1,508	1,936	2,478	2,636	3,677	4,976	5,860	6,436	6,526	7,293
Noncurrent carrying wiring devices	360	536	700	833	1,074	1,316	1,574	1,966	2,008	2,159
Radio and TV receiving sets [1]	1,641	2,984	2,966	3,589	3,545	4,731	5,484	5,489	5,609	5,635
Television receivers	775	1,687	1,756	2,149	1,924	2,451	2,802	2,975	3,333	3,499
Semiconductors and related devices	(S)	839	1,582	2,361	3,038	4,532	5,615	7,356	9,455	10,370
Switchgear and switchboard apparatus	899	1,269	1,849	2,059	2,509	3,298	3,682	4,075	4,477	4,829
Transformers	725	891	1,378	1,436	1,769	2,118	2,371	2,538	2,765	2,999
X-ray and electromedical equipment	88	121	235	383	740	1,838	1,958	2,283	2,416	3,046

NA Not available. S Withheld because data did not meet publication standards. [1] Includes intercommunication equipment not shown separately. [2] Data for "Electronic components and subassemblies" included with "Connectors for electronic applications".

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972* and *1977*, and *Annual Survey of Manufactures.*

No. 1417. Electronic Computing Equipment Industry—Summary: 1972 to 1981

[In millions of dollars, except as indicated. Data for the noncensus years (all years except 1972 and 1977) are based on sample surveys and are therefore subject to sampling errors. Included in SIC 3573. See source for further detail]

ITEM	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981, prel.
Employment, total (1,000)	144.6	155.3	176.7	162.5	165.7	192.7	232.1	273.9	304.6	320.7
Salaries and wages	1,668	1,873	2,222	2,292	2,451	3,004	3,814	4,777	5,916	6,951
Production workers (1,000)	64.7	74.9	86.8	73.8	71.3	85.5	102.9	122.0	134.7	136.0
Work-hours (million)	130.6	151.4	173.0	145.9	144.0	172.4	202.3	243.8	268.7	263.0
Workers wages	547	660	795	731	707	978	1,267	1,546	1,875	2,116
Value added	3,498	4,238	5,205	4,960	6,108	7,624	9,628	12,465	14,717	17,746
Supplemental labor cost	205	237	312	343	399	528	698	904	1,097	1,296
Cost of materials	2,981	3,481	4,164	3,705	4,380	5,701	7,519	9,985	12,787	14,774
Value of shipments	6,471	7,423	9,122	8,560	10,388	12,924	16,558	21,466	26,594	32,032
New capital expenditures	213	207	296	292	373	652	1,101	1,317	1,706	2,125
Inventories	1,574	2,005	2,478	2,264	2,294	3,008	3,989	5,524	6,879	7,863
Assets, total	1,896	1,857	2,085	2,232	2,353	3,042	4,076	5,196	6,790	8,451
Rents, total	43.5	60.7	74.6	82.2	95.9	112.4	147.3	204.1	250.6	292.4
Ratio of:										
Cost of materials, supplemental labor cost, and salaries and wages to value of shipments	.750	.753	.753	.741	.696	.714	.727	.730	.745	.719
Cost of materials to value of shipments	.461	.469	.457	.433	.422	.441	.454	.465	.481	.461
Value added to value of shipments	.540	.571	.571	.548	.588	.590	.581	.581	.553	.554
Value added to work-hours	26.78	27.99	30.09	32.15	42.42	44.22	47.59	51.13	54.77	67.48

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972* and *1977*, and *Annual Survey of Manufactures.*

No. 1418. Electronic Components and Accessories Industry—Summary: 1972 to 1981

[In millions of dollars, except as indicated. Included in SIC 367. See headnote, table 1417]

ITEM	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Employment, total (1,000)	336.0	394.8	381.7	302.3	323.0	373.5	412.3	467.6	498.6	503.5
Salaries and wages	2,870	3,474	3,686	3,358	3,763	4,557	5,294	6,461	7,780	8,664
Production workers (1,000)	233.9	283.2	266.3	197.6	218.8	257.9	286.7	324.5	336.6	325.5
Work-hours (million)	461.2	555.9	519.8	389.3	438.7	508.7	556.9	635.2	650.1	631.3
Workers wages	1,560	1,971	1,974	1,705	1,964	2,457	2,887	3,484	4,050	4,366
Value added	5,306	6,596	6,963	5,984	7,568	9,260	10,981	14,213	16,902	18,537
Supplemental labor cost	388	481	571	538	669	811	998	1,232	1,497	1,723
Cost of materials	3,468	4,437	4,635	3,984	5,008	6,390	7,210	9,206	11,434	12,159
Value of shipments	8,826	10,783	11,301	10,089	12,433	15,390	17,912	22,708	27,647	30,421
New capital expenditures	344	629	785	536	651	783	1,119	1,591	2,616	2,459
Inventories	1,495	1,965	2,286	2,050	2,320	2,773	3,275	4,376	5,388	5,745
Assets, total	3,701	4,083	4,469	4,868	5,228	6,026	6,964	8,142	10,615	12,567
Rents, total	66	81	97	108	112	107	115	145	189	247
Ratio of:										
Cost of materials to value of shipments	.393	.411	.410	.395	.403	.415	.403	.405	.414	.400
Value added to value of shipments	.601	.612	.616	.593	.609	.602	.613	.627	.611	.609
Value added to work-hours	11.51	11.87	13.40	15.37	17.25	18.20	19.72	22.38	26.00	29.36

Source: U.S. Bureau of the Census, *Census of Manufactures. 1972* and *1977*, and *Annual Survey of Manufactures.*

No. 1419. Electronic Components—Factory Sales: 1970 to 1982

[In millions of dollars]

PRODUCT	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total sales	6,205	6,894	9,906	10,403	9,286	10,884	13,033	16,440	20,644	24,276	25,240	26,119
Active components	2,369	2,725	4,094	4,310	3,651	4,666	5,154	6,301	8,201	10,180	9,814	9,904
Electron tubes	1,076	1,258	1,338	1,196	1,071	1,233	1,296	1,451	1,586	1,778	2,014	1,904
TV tubes	482	651	722	613	499	597	633	732	799	959	1,069	936
Semiconductors	1,293	1,467	2,756	3,114	2,580	3,433	3,858	4,850	6,615	8,402	[1] 7,800	[1] 8,000
Integrated circuits	524	718	1,421	1,767	1,458	2,032	2,464	3,261	4,671	6,360	(NA)	(NA)
Transistors [2]	352	359	634	688	522	621	631	670	792	806	(NA)	NA)
Diodes and rectifiers	378	314	391	438	329	390	394	457	557	613	(NA)	(NA)
Other	39	76	310	241	271	390	369	462	595	623	(NA)	(NA)
Passive components	1,133	1,184	1,594	1,726	1,438	1,589	1,842	2,137	2,599	2,908	2,891	2,656
Capacitors	483	438	612	676	470	608	744	897	1,050	1,299	1,297	1,135
Resistors	365	411	537	514	447	449	477	504	647	653	636	583
Coils and transformers	285	335	445	536	489	485	560	654	791	838	819	[1] 800
Passive networks	(NA)	(NA)	(NA)	(NA)	32	47	61	82	111	118	139	138
Other components [3]	2,703	2,985	4,218	4,367	4,197	4,629	6,037	8,002	9,844	11,188	12,535	13,559
R & D expenditures [4]	571	455	485	586	501	427	598	622	803	909	(NA)	(NA)

NA Not available. [1] Estimated. [2] Includes dual transistors for 1970 through 1973. [3] Includes electronic connectors and other electronic components not elsewhere classified. [4] Electronic research and development, test and evaluation (receipts or billings not reported as shipments of specific products). Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA36N, annual.

Source: Except as noted, Electronic Industries Association, Washington, D.C., *Electronic Market Data Book*, annual (copyright).

No. 1420. Motor Vehicles and Equipment Industry—Summary: 1967 to 1981

[ASM = Annual Survey of Manufactures]

Industry and year	Establishments (number)	All employees		Production workers			Value added by manufacture (mil. dol.)	Cost of materials (mil. dol.)	Value of shipments (mil. dol.)	New capital expenditures (mil. dol.)	Gross value of fixed assets (mil. dol.)	End-of-year inventories (mil. dol.)
		Number (1,000)	Payroll (mil. dol.)	Number (1,000)	Hours (mil.)	Wages (mil. dol.)						
Motor vehicle and car bodies:												
1967 Census	181	321	2,699	262	524	2,098	7,354	19,965	27,296	263	3,889	1,802
1970 ASM	(NA)	305	3,033	245	477	2,297	7,348	20,531	27,751	306	4,753	2,075
1972 Census	231	339	4,300	284	588	3,405	11,783	31,170	42,906	917	5,422	2,184
1973 ASM	(NA)	369	5,147	309	657	4,097	13,666	36,677	50,228	806	5,490	2,532
1974 ASM	(NA)	320	4,601	262	515	3,568	10,849	33,167	43,869	1,043	6,332	2,899
1975 ASM	(NA)	283	4,340	235	447	3,405	10,441	34,795	45,340	656	6,334	2,640
1976 ASM	(NA)	324	5,877	274	560	4,732	15,844	47,190	62,717	1,047	6,767	3,380
1977 Census	322	344	7,076	290	620	5,725	18,724	58,132	76,518	1,706	(NA)	4,011
1978 ASM	(NA)	359	7,846	304	628	6,358	20,491	64,615	84,901	1,877	(NA)	4,410
1979 ASM	(NA)	349	8,150	292	591	6,497	20,753	64,227	85,147	1,906	(NA)	4,492
1980 ASM	(NA)	274	6,904	221	427	5,400	13,817	52,297	66,257	2,290	(NA)	4,123
1981 ASM	(NA)	272	7,600	223	431	6,008	15,621	58,326	74,273	4,697	13,428	3,579
Motor vehicle parts, accessories:												
1967 Census	1,674	365	2,891	300	609	2,244	5,712	5,943	11,624	572	5,519	1,469
1970 ASM	(NA)	357	3,357	290	588	2,561	6,432	6,664	13,073	562	6,770	1,822
1972 Census	2,119	401	4,602	332	696	3,620	9,165	9,330	18,334	1,113	7,858	2,050
1973 ASM	(NA)	444	5,491	371	782	4,357	10,641	11,273	21,607	1,034	8,035	2,633
1974 ASM	(NA)	410	5,248	337	676	4,070	10,250	11,686	21,656	1,290	9,296	3,140
1975 ASM	(NA)	362	4,963	294	577	3,799	9,986	11,961	22,030	1,114	9,879	2,885
1976 ASM	(NA)	410	6,454	340	699	5,074	13,709	15,859	29,024	962	10,116	3,668
1977 Census	2,623	451	8,004	373	777	6,285	16,264	19,750	35,751	1,842	(NA)	4,124
1978 ASM	(NA)	476	9,099	391	811	7,145	18,377	22,193	40,283	2,458	(NA)	4,537
1979 ASM	(NA)	459	9,087	373	746	7,009	18,034	22,062	39,807	2,751	(NA)	5,091
1980 ASM	(NA)	369	7,886	287	549	5,869	14,719	17,974	32,881	3,093	(NA)	4,565
1981 ASM	(NA)	359	8,413	285	549	6,333	17,261	19,847	37,081	3,309	19,392	4,460
Truck trailers:												
1967 Census	179	23	147	18	36	105	269	446	714	22	143	130
1970 ASM	(NA)	23	162	17	34	114	283	492	777	20	194	134
1972 Census	255	25	206	20	38	149	449	685	1,118	15	208	191
1973 ASM	(NA)	30	250	24	46	183	506	865	1,370	28	227	260
1974 ASM	(NA)	30	276	24	45	198	569	1,087	1,637	30	255	309
1975 ASM	(NA)	19	187	14	26	121	356	536	922	33	273	234
1976 ASM	(NA)	21	234	16	31	158	488	817	1,297	15	251	239
1977 Census	353	28	322	23	43	230	646	1,285	1,910	36	(NA)	355
1978 ASM	(NA)	32	403	26	50	287	939	1,604	2,498	39	(NA)	448
1979 ASM	(NA)	36	476	28	54	342	1,135	1,993	3,088	37	(NA)	493
1980 ASM	(NA)	28	412	21	39	281	834	1,581	2,436	55	(NA)	441
1981 ASM	(NA)	26	410	20	39	289	655	1,524	2,206	55	462	374

NA Not available.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977*, MC77-1-37A, and *Annual Survey of Manufactures*.

No. 1421. Transportation Equipment—Value of Shipments: 1960 to 1981

[In millions of dollars. "N.e.c." means not elsewhere classified]

Type of equipment	1960	1965	1970	1972	1975	1977	1978	1979	1980	1981, prel.
Aircraft [1] [2]	[3] 4,653	5,277	8,722	7,538	10,881	12,053	13,610	18,925	23,366	25,109
Complete aircraft, military	[3] 2,395	2,657	3,833	2,803	4,017	4,560	3,719	4,430	5,892	6,670
Complete aircraft, personal and utility	1,270	337	3,176	474	1,003	2,034	6,372	10,883	13,053	13,137
Complete aircraft, except personal and utility		1,275		2,787	3,653	2,672				
Aircraft engines and engine parts	2,779	3,871	4,594	3,070	4,488	4,995	6,028	7,884	10,010	11,556
Aircraft equipment, n.e.c	3,966	3,883	5,273	3,437	4,842	5,762	6,456	8,052	9,946	10,509
Boat building and repairing	631	423	644	1,031	1,290	1,822	2,103	2,238	2,129	2,249
Motor homes *built on purchased chassis*	(NA)	(NA)	(NA)	(NA)	(NA)	1,495	2,005	962	836	1,169
Motor vehicles and car bodies [1]	16,739	26,310	26,811	41,046	43,394	72,979	80,551	80,133	61,428	69,457
Passenger cars and car chassis	14,009	21,852	19,391	29,246	28,883	47,799	50,815	50,306	42,417	47,586
Trucks, truck tractors, and truck chassis	2,573	4,289	5,734	9,586	11,872	21,544	25,830	25,640	15,493	17,515
Motor vehicle parts and accessories	12,273	[4] 16,875	13,189	19,417	23,023	37,942	42,952	42,906	35,627	40,215
Motorcycles, bicycles; and parts	123	226	395	541	705	847	1,001	1,112	1,160	1,160
Railroad equipment	1,087	2,027	(D)	2,284	3,885	4,002	5,207	7,313	7,173	4,597
Ship building and repairing [1] [3]	1,216	1,916	2,594	3,201	5,513	6,270	6,688	7,466	8,889	10,690
Self-propelled ships, military (new)	406	742	1,086	1,100	1,768	2,212	2,282	2,512	2,903	3,351
Self-propelled ships, nonmilitary (new)	351	282	514	816	1,806	1,917	1,861	1,890	1,810	1,873
Travel trailers and campers	(NA)	(NA)	(NA)	1,277	1,083	1,478	1,539	1,068	845	951
Truck and bus bodies	(NA)	(NA)	(NA)	(NA)	(NA)	1,881	2,166	2,297	2,074	2,238
Truck trailers	(NA)	671	765	1,079	878	1,807	2,390	2,935	2,263	2,057

D Withheld to avoid disclosure. NA Not available. [1] Includes data for products not shown separately. [2] See table 1107 for number of civil aircraft shipments. [3] Value of work done. [4] Includes combat vehicles.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972* and *1977*, and *Annual Survey of Manufactures*.

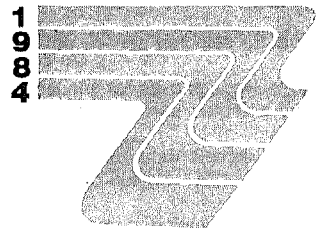
No. 1422. Home Appliances and Home and Auto Electronics—Shipments and Retail Value: 1978 to 1982

[Compiled from reports of associations and manufacturers. Retail value represents median price of product times the number of units shipped. Except as indicated, covers electric appliances only]

Product	Manufacturers shipments (1,000 units)					Retail value (mil. dol.)				
	1978	1979	1980	1981	1982	1978	1979	1980	1981	1982
Major appliances	**35,966**	**35,965**	**32,768**	**33,401**	**29,042**	**12,154**	**12,647**	**12,310**	**13,445**	**12,139**
Air treatment	4,709	4,680	4,129	4,378	3,417	1,459	1,512	1,379	1,620	1,333
Air conditioners	4,037	3,749	3,187	3,547	2,747	1,312	1,327	1,186	1,426	1,173
Dehumidifiers	441	684	718	601	492	62	98	111	102	88
Air cleaners, electronic	231	247	224	230	178	85	87	83	91	72
Kitchen appliances [1]	21,787	21,989	20,126	20,621	18,086	7,836	8,227	8,102	8,888	7,967
Refrigerators [2]	5,690	5,701	5,173	4,997	4,365	3,228	3,187	3,093	3,227	2,937
Microwave ovens	2,422	2,815	3,585	4,575	4,201	1,142	1,311	1,612	2,275	1,979
Ranges, electric	3,218	3,003	2,544	2,413	2,041	1,132	1,152	1,048	1,026	902
Dishwashers	3,557	3,488	2,721	2,573	2,181	1,082	1,138	959	952	846
Freezers [3]	1,522	1,859	1,715	1,589	1,290	499	699	731	724	621
Ranges, gas	1,797	1,794	1,534	1,501	1,383	619	643	583	619	585
Disposers	3,313	3,316	2,885	3,067	2,693	285	295	277	321	293
Ranges, smooth top	249	220	155	134	103	138	139	93	80	64
Trash compactors	*300*	*293*	*234*	*209*	*177*	*72*	*74*	62	60	52
Home laundry	8,120	7,999	7,187	7,087	6,403	2,575	2,612	2,500	2,597	2,538
Compact appliances [4]	1,350	1,297	1,326	1,315	1,136	284	296	328	340	300
Video	**16,817**	**18,846**	**21,151**	**23,773**	**26,308**	**6,205**	**6,130**	**7,208**	**8,256**	**8,653**
TV, color	10,236	9,793	10,855	11,262	11,377	4,993	4,618	5,284	5,665	5,641
Videocassette recorders	402	478	804	1,330	2,030	356	431	700	1,057	1,344
TV, black and white	6,064	6,281	6,149	5,542	5,750	701	682	685	616	626
Prerecorded videotape/ cassettes	(NA)	2,158	3,151	5,172	6,510	(NA)	154	210	380	407
TV projection	54	63	77	121	117	124	183	210	272	277
Video cameras	61	73	115	186	284	31	62	120	186	265
Videodisc players	(NA)	(NA)	(NA)	160	240	(NA)	(NA)	(NA)	80	93
Audio/HiFi	**67,069**	**68,551**	**69,873**	**74,790**	**72,939**	**4,600**	**4,925**	**5,165**	**4,977**	**4,627**
Components [5]	8,140	9,087	8,919	8,431	8,192	1,505	1,669	1,704	1,561	1,475
Speakers	3,500	3,850	3,735	3,197	2,970	476	601	624	454	418
Receivers	*1,320*	*1,450*	*1,465*	*1,440*	*1,421*	*442*	*399*	*415*	*420*	*381*
Turntables	2,200	2,433	2,336	2,304	2,239	282	316	311	322	314
Tape decks	650	675	716	784	836	182	184	178	173	175
Portable tape units	16,177	20,298	23,366	28,093	28,050	891	1,165	1,447	1,588	1,474
Radios	32,478	28,550	27,012	27,771	16,518	1,056	919	868	863	819
Compact systems	4,474	4,341	3,945	3,578	2,966	963	939	884	693	584
Headphones	2,600	2,775	2,886	3,108	3,584	96	136	150	157	158
Cartridges	3,200	3,500	3,745	3,699	3,629	90	98	112	115	118
Autosound	*17,855*	*18,630*	*18,362*	*19,823*	*20,741*	1,284	1,518	1,487	1,656	1,773
Blank tape	**268,500**	**244,753**	**260,063**	**273,104**	**290,204**	**805**	**687**	**852**	**1,039**	**1,191**
Audiotape/cassettes	263,000	234,786	244,747	246,393	251,781	710	511	595	629	639
Videotape/cassettes	5,500	9,967	15,316	26,711	38,423	95	176	258	410	552
VHS	2,500	5,400	9,288	17,350	26,216	50	103	167	282	393
Beta	3,000	4,567	6,028	9,361	12,207	45	73	90	128	159
Personal electronics [6]	**53,638**	**67,441**	**74,230**	**113,524**	**142,838**	**1,970**	**2,006**	**2,180**	**3,437**	**4,572**
Video game software	(NA)	(NA)	(NA)	*36,000*	*61,000*	(NA)	(NA)	(NA)	972	1,525
Calculators	23,341	25,380	26,502	28,260	29,030	915	843	841	832	902
Video games	4,142	2,700	2,806	4,010	6,542	261	201	328	519	847
Telephones	1,418	2,244	2,643	3,155	4,521	67	163	223	289	450
Telephone answering devices	400	495	579	697	868	84	81	93	112	132
Personal computers	212	246	371	750	1,950	(NA)	(NA)	(NA)	(NA)	(NA)
Electronics furniture	(NA)	(NA)	(NA)	4,144	4,628	(NA)	(NA)	(NA)	487	557
Kitchen electrics [7]	*76,332*	*80,261*	*82,501*	*81,549*	*79,772*	**1,898**	**2,144**	**2,349**	**2,443**	**2,432**
Coffee makers	10,500	12,104	12,957	12,655	12,690	265	296	338	348	357
Irons	10,451	10,340	11,184	10,882	10,797	298	287	317	326	334
Toasters	8,100	8,916	9,291	9,249	8,934	220	252	268	290	293
Mixers, food	5,175	5,568	5,626	5,330	5,217	132	156	160	171	172
Food processors	2,000	3,000	3,180	3,186	2,689	120	183	204	198	172
Cornpoppers	3,600	5,280	5,543	5,777	5,778	65	130	141	156	160
Fans	12,098	12,930	17,100	19,283	19,751	360	504	1,287	1,485	1,437
Kerosene heaters	(NA)	(NA)	(NA)	*2,633*	*3,981*	(NA)	(NA)	(NA)	461	498
Portable electric heaters	4,467	4,957	4,569	4,551	4,609	123	178	196	203	207
Air purifiers	(NA)	(NA)	(NA)	4,300	5,650	(NA)	(NA)	(NA)	118	148
Humidifiers	940	850	821	869	895	85	81	86	94	101
Vaporizers	1,200	1,400	1,624	1,747	1,808	12	14	18	20	22
Floor care	**9,809**	**9,857**	**9,446**	**9,812**	**9,383**	**1,063**	**1,130**	**1,136**	**1,229**	**1,148**
Vacuum cleaners	8,246	8,199	7,727	8,005	7,603	1,025	1,085	1,089	1,177	1,099
Other	1,563	1,658	1,719	1,807	1,780	38	45	47	52	49
Personal care [8]	**47,922**	**51,084**	**54,290**	**54,682**	**55,063**	**850**	**886**	**981**	**1,026**	**1,063**
Hair dryers	18,970	18,488	18,865	18,359	18,413	354	313	317	309	316
Shavers	5,650	5,960	6,007	6,179	6,367	163	177	190	196	206
Scales, bathroom	4,870	5,518	5,888	6,100	6,178	62	78	97	113	122
Cookware and bakeware	91,534	106,723	110,229	110,482	106,298	1,250	1,354	1,449	1,538	1,562
Clocks	23,987	26,664	27,291	29,605	30,327	332	417	462	530	550
Outdoor products	11,070	11,098	12,022	12,772	13,319	220	253	311	350	383
Home security	*13,500*	*12,308*	*15,791*	17,079	17,340	278	209	303	338	336

NA Not available. [1] Excludes duplication; therefore, sum of components will exceed total. [2] 6.5 cu.ft. and over. [3] 10 cu.ft. and over. [4] Refrigerators, freezers, washers, and dryers. [5] Includes others not shown separately. [6] Excludes value of personal computers.

Source: Gralla Publications, Inc., New York, N.Y., *Merchandising*, 61st Annual Statistical and Marketing Report.



Section 30

Domestic Trade and Services

This section presents statistics relating to the distributive trades and service industries. Data shown for the trades, classified by kind of business, and for the various categories of services (e.g., personal, business, repair, hotel) cover sales or receipts, establishments, employees, payrolls, and other items. Also included are data for franchised businesses.

The principal sources of these data are census reports and survey reports of the Bureau of the Census. Data on national income originating in trade and services appear in the monthly *Survey of Current Business,* issued by the Bureau of Economic Analysis. Financial data for firms engaged in retail, wholesale, or service activities appear in the annual *Statistics of Income,* published by the Internal Revenue Service.

Censuses.—Censuses of retail trade, wholesale trade, and the service industries have been taken at various intervals since 1929. Beginning with the 1967 Census, legislation provides for a census to be conducted every 5 years (for years ending in "2" and "7").

The establishments covered in the censuses and surveys of business are those classified in 3 divisions defined in the *Standard Industrial Classification Manual, 1972* (see text, page 402). *Retail Trade* refers to places of business primarily engaged in selling merchandise for personal or household consumption; *Wholesale Trade,* to establishments primarily engaged in selling goods to dealers and distributors for resale or to purchasers who buy for business and farm uses; and *Services,* to establishments primarily engaged in providing a wide range of services for individuals and for businesses.

Prior to 1977, the censuses excluded health services (except dental laboratories), educational services, social services, membership organizations, and others performing a professional or scientific service (except engineering, architectural, and surveying services). These were covered in the 1977 Census of Service Industries. In addition, in 1977, the distinction between taxable and tax exempt establishments was made for all service industries. Table 1450 provides data for 1977 for all tax-exempt establishments with payroll in the service industry covered in the Census, by kind of operation, as well as data on taxable establishments in industries covered for the first time in the 1977 Census. (See footnote 5, table 1448, for industries which for the first time in 1977, are divided between taxable and tax-exempt establishments.) For comparability, other tables presented are for only those service industries covered in the 1972 Census of Selected Services. Still excluded from the censuses are religious organizations, public utilities, and Government-operated enterprises except wholesale and retail liquor operations.

Data from the 1958 Census exclude retail and service nonemployer establishments which had annual receipts of less than $2,500 and $1,000, respectively. Beginning with the 1963 Census, nonemployer establishments which did not operate the entire year were included if, during the period they operated, their receipts were at a rate which would have reached the annual totals specified had they operated the entire year. Wholesale trade establishments with no paid employment are excluded. Beginning in 1977, nonemployer direct sellers are excluded in the Census of Retail Trade. Also beginning in 1977, these censuses excluded sales taxes and finance charges in their report of sales (or receipts) figures.

Current surveys.—Current sample surveys conducted by the Bureau of the Census cover various aspects of the retail and wholesale trade and selected service industries. Its *Monthly Retail Trade Report* contains monthly estimates of sales, inventories, and sales of organizations operating 11 or more retail stores (see table 1428), for the United States, by kind of business. In addition, monthly retail sales data for census regions and divisions, 19 large States, 23 large standard metropolitan statistical areas, and 5 large cities are included. Annual figures on sales, yearend inventories, and sales/inventories ratios, by kind of business, appear in the *Annual Retail Trade Report.*

Statistics from the Bureau's monthly wholesale trade survey include national estimates of merchant wholesalers' sales, inventories, and stock-sales ratios by major summary groups—durable and nondurable—and seclected kinds of businesses. These data, based on reports submitted by a sample of firms, appear in the *Monthly Wholesale Trade Report.* Annual figures on sales, sales-inventory ratios, and yearend inventories appear in the *Annual Wholesale Trade Report.*

The *Service Annual Survey* provides annual estimates of receipts for selected service establishments for the United States as a whole.

For the current sample survey programs, retail trade coverage is the same as for the census; wholesale trade coverage is limited to merchant wholesalers; and selected services coverage is less inclusive than the census.

Estimates obtained from annual and monthly surveys are based on sample data and are not expected to agree exactly with results that would be obtained from a complete census of all establishments. Data include estimates for establishments not reporting.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

No. 1423. National Income Originating in Domestic Trade and Service Industries: 1960 to 1982

[In billions of dollars, except percent. Data for 1960 exclude Alaska and Hawaii. For definition of national income, see text, p. 445. Refers to national income without capital consumption adjustment. Data represent net value added at factor cost. Based on 1972 Standard Industrial Classification. See *Historical Statistics, Colonial Times to 1970*, series T 1-14, for single-year data prior to revisions issued in 1981]

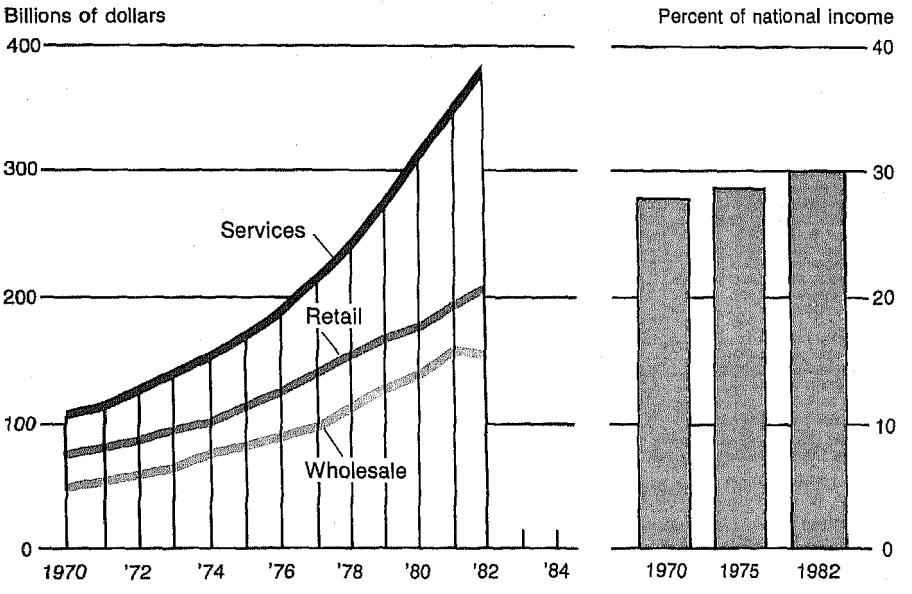
INDUSTRY	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
National income, total	**420.8**	**571.1**	**814.8**	**1,267.4**	**1,413.0**	**1,586.0**	**1,802.0**	**2,015.8**	**2,174.0**	**2,426.5**	**2,492.4**
Wholesale and retail trade	**64.6**	**84.9**	**123.5**	**195.3**	**215.3**	**238.8**	**267.4**	**296.6**	**316.6**	**351.9**	**362.2**
Percent of total national income	15.4	14.9	15.2	15.4	15.3	15.1	14.8	14.7	14.6	14.5	14.5
Wholesale trade	24.7	32.1	46.9	81.1	87.6	97.8	109.8	126.3	137.6	154.0	152.4
Retail trade	40.0	52.8	76.6	114.2	127.7	140.9	157.6	170.3	179.1	197.9	209.7
Services	**44.7**	**64.3**	**104.1**	**168.7**	**188.7**	**212.1**	**240.7**	**274.0**	**310.0**	**348.8**	**386.0**
Percent of total national income	10.6	11.3	12.8	13.3	13.4	13.4	13.4	13.6	14.3	14.4	15.5
Hotels and other lodging places	2.0	2.8	4.5	7.0	8.0	8.9	10.9	12.6	13.8	15.3	16.2
Personal services	4.6	6.0	7.6	8.6	9.4	10.4	11.6	12.5	13.3	14.0	15.0
Miscellaneous business services	5.4	8.9	15.0	24.0	27.8	32.6	38.5	46.5	53.0	60.5	66.4
Auto repair, services, and garages	1.7	2.4	3.7	6.2	7.0	8.1	9.5	10.4	11.2	12.5	13.5
Miscellaneous repair services	1.1	1.5	2.2	3.6	3.9	4.5	5.2	5.8	6.8	6.9	7.2
Motion pictures	.9	1.2	1.7	1.9	2.5	3.0	3.8	4.1	3.8	4.1	4.5
Amusement and recreation services	1.7	2.2	3.2	5.2	5.9	6.8	7.4	8.1	9.0	10.3	11.2
Medical and other health services	10.7	15.8	29.4	54.1	60.8	68.0	76.0	86.1	99.6	114.3	130.2
Legal services	2.7	4.2	6.7	11.5	12.7	14.4	16.1	18.4	21.3	23.7	27.5
Educational services	2.2	3.7	7.0	11.0	11.4	11.7	12.7	14.0	15.4	17.1	18.4
Membership organization [1]	4.5	6.4	10.0	15.6	16.8	18.1	20.4	22.4	24.9	27.0	29.0
Miscellaneous professional services	3.4	5.2	8.8	15.4	17.0	19.5	22.5	26.4	31.0	36.0	39.3
Private households	3.8	4.0	4.5	4.6	5.4	5.9	6.2	6.5	6.6	7.0	7.6

[1] Includes social services.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July 1983.

Figure 30.1

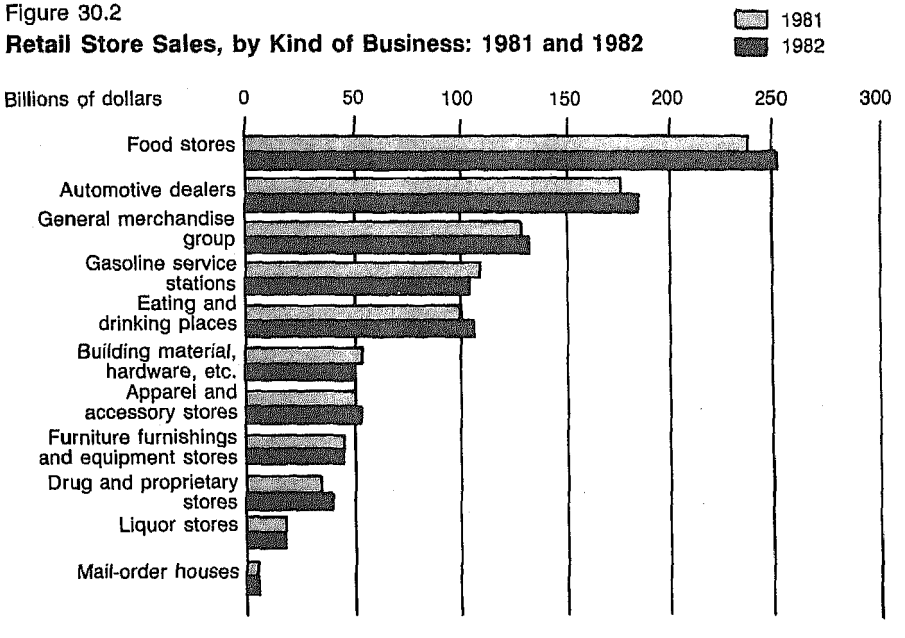
National Income Originating in Domestic Trade and Services: 1970 to 1982



Source: Chart prepared by U.S Bureau of the Census. For data, see table 1423.

Figure 30.2

Retail Store Sales, by Kind of Business: 1981 and 1982



Source: Chart prepared by U.S Bureau of the Census. For data, see table 1427.

No. 1424. Persons in Domestic Trade and Service Industries: 1960 to 1982

[**In thousands.** Data represent worker years of full-time equivalent employment by persons working for wages or salaries and by active partners and proprietors of unincorporated businesses. Based on 1972 Standard Industrial Classification. See *Historical Statistics, Colonial Times to 1970,* series T 15-28, for single year data prior to minor revisions issued in 1981]

INDUSTRY	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Wholesale and retail	**12,429**	**13,109**	**14,764**	**16,230**	**16,800**	**17,526**	**18,468**	**19,081**	**19,060**	**19,269**	**19,089**
Wholesale trade	3,410	3,633	4,105	4,482	4,647	4,786	5,021	5,287	5,345	5,471	5,363
Retail trade	9,019	9,476	10,659	11,748	12,153	12,740	13,447	13,794	13,715	13,798	13,726
Services	**9,761**	**11,213**	**13,250**	**15,185**	**15,744**	**16,506**	**17,467**	**18,351**	**18,999**	**19,712**	**20,072**
Hotels and other lodging places	688	829	993	1,097	1,100	1,162	1,194	1,224	1,252	1,303	1,335
Personal services	1,215	1,306	1,323	1,135	1,167	1,195	1,225	1,260	1,270	1,276	1,273
Business services	815	1,155	1,655	2,024	2,144	2,319	2,590	2,857	3,045	3,237	3,313
Auto repair, services, garages	385	440	494	598	695	675	733	784	786	815	851
Misc. repair services	262	292	312	388	390	413	428	467	461	506	501
Motion pictures	162	159	180	211	217	231	239	250	243	264	259
Amusement, recreational services	308	340	397	508	541	569	604	631	665	676	687
Health services	1,763	2,101	2,878	4,046	4,219	4,432	4,662	4,878	5,119	5,370	5,553
Legal services	297	330	385	465	498	542	577	615	643	683	729
Educational services	621	792	998	1,184	1,185	1,189	1,213	1,251	1,296	1,325	1,324
Membership organizations [1]	1,217	1,477	1,756	1,856	1,898	1,916	2,035	2,124	2,180	2,176	2,151
Misc. professional services	431	516	726	887	936	1,009	1,114	1,207	1,284	1,339	1,369
Private households	1,597	1,476	1,153	786	814	854	853	803	755	740	727

[1] Includes social services.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76,* and *Survey of Current Business,* July 1983.

No. 1425. Retail Trade—Summary: 1948 to 1977

[Prior to 1958 and as noted, excludes Alaska and Hawaii. 1972 and 1977 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also *Historical Statistics, Colonial Times to 1970,* series T 43-47 and T 79-91]

ITEM	Unit	1948	1954	1958	1963	1967	1972	1977
Firms, total	1,000	(NA)	(NA)	(NA)	1,532	1,577	1,665	1,567
Multiunit establishments [1]	1,000	163	167	[2] 183	220	220	291	332
Establishments, total	1,000	1,770	1,722	1,795	1,708	1,763	1,780	1,855
With payroll	1,000	1,119	1,124	1,185	1,206	1,192	1,265	1,304
With sales of $1,000,000 or more	1,000	(NA)	(NA)	(NA)	(NA)	(NA)	74	118
Consumer Price Index: [3]								
All items	1972=100	57.5	64.2	69.1	73.2	79.8	100.0	144.9
All commodities	1972=100	66.5	71.1	74.9	77.4	82.7	100.0	144.5
Sales	*Bil. dol.*	130.5	170.0	200.4	244.2	310.2	457.4	723.1
By establishments with payroll	*Bil. dol.*	118.4	157.9	187.8	233.1	295.2	440.2	699.6
By multiunit establishments [1]	Bil. dol.	38.7	51.2	[2] 67.2	89.5	123.5	201.8	340.7
Percent of total sales	Percent	29.6	30.1	33.5	36.6	39.8	44.0	47.1
Percent of multiunit sales by 101-or-more establishment multiunits [1]	Percent	41.6	41.8	42.4	43.1	46.7	55.8	55.8
In 1972 dollars [4]	Bil. dol.	201.6	245.4	270.7	311.1	370.6	459.0	512.7
Percent of sales by corporations	Percent	46.9	48.4	53.0	61.9	67.4	76.4	79.8
Per capita sales: [5]								
Current dollars	Dollars	893	1,050	1,151	1,296	1,571	2,204	3,342
Constant (1972) dollars [4]	Dollars	1,360	1,516	1,554	1,651	1,877	2,204	2,369
Sales as percent of personal income	Percent	62.1	58.6	[2] 55.5	52.5	49.3	48.9	47.6
Sales, inside SMSA's [6]	Bil. dol.	80.9	(NA)	[2] 133.0	169.8	221.4	(NA)	551.8
Percent of total sales	*Percent*	62.0	(NA)	*66.4*	*69.5*	71.4	(NA)	*76.3*
Percent of SMSA sales in central cities	Percent	71.4	(NA)	64.0	57.2	55.0	(NA)	(NA)
Payroll, entire year	*Bil. dol.*	13.6	18.2	21.7	27.6	36.2	55.4	85.9
Percent of sales	Percent	10.4	11.5	[2] 11.5	11.3	11.7	12.1	11.9
Average weekly wage	Dollars	(NA)	50	52	66	74	95	127
Paid employees, March 12 workweek [7]	1,000	6,918	7,124	7,942	8,410	9,381	11,211	13,040
Active proprietors of unincorporated businesses	1,000	1,742	1,766	1,825	1,546	1,624	*(NA)*	*(NA)*

NA Not available. [1] Establishments operated by firms which operate at two or more locations. [2] Excludes Alaska and Hawaii. [3] Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review.* [4] Source: U.S. Bureau of Economic Analysis. [5] Based on estimated resident population as of July 1. [6] For definition of SMSA, see Appendix II. [7] 1948-1963 data for week including November 15.

Source: Except as noted, U.S. Bureau of the Census, *U.S. Census of Business: 1948,* vol. I; *1954,* vol. I; *1958,* vol. I; *1963,* vol. I; *1967,* vol. I; and *Census of Retail Trade, 1972,* RC 72-S-1 and *1977,* RC 77-52.

No. 1426. Retail Trade Sales—Summary: 1967 to 1983

[Data reflect use of a sample based on definition and classifications according to the 1977 Census of Retail Trade and are adjusted for methodological revision effective in August 1977. Based on Current Business Survey, see Appendix III. Minus sign (–) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series T 197, 245, 246, and 255]

YEAR	CURRENT DOLLARS							CONSTANT (1972) DOLLARS [2]		
	Total sales (bil. dol.)	Annual percent change	Per capita [1] (dol.)	Index of sales (1972=100)	Durable goods (bil. dol.)	Nondurable goods (bil. dol.)		Total sales (bil. dol.)	Annual percent change	Per capita [1] (dol.)
						Total	Dept. stores			
1967	293.0	(X)	1,484	65.2	88.7	204.2	31.1	350.9	(X)	1,777
1968	324.4	10.7	1,627	72.2	101.7	222.7	34.6	372.3	6.1	1,867
1969	346.7	6.9	1,722	77.2	108.6	238.1	37.0	383.0	2.9	1,902
1970	368.4	6.3	1,808	82.0	109.2	259.2	38.5	391.1	2.1	1,917
1971	406.2	10.3	1,970	90.4	128.8	277.4	43.1	416.0	6.4	2,011
1972	449.1	10.6	2,157	100.0	148.4	300.6	49.1	447.8	7.6	2,140
1973	509.5	13.4	2,428	113.4	172.9	336.6	54.7	478.9	6.9	2,266
1974	541.0	6.2	2,559	120.5	169.4	371.6	57.7	458.2	–4.3	2,146
1975	588.1	8.7	2,761	131.0	183.0	405.2	61.8	461.5	.7	2,142
1976	657.4	11.8	3,062	146.4	217.8	439.6	68.2	490.6	6.3	2,255
1977	725.2	10.3	3,344	161.5	248.7	476.5	76.5	516.2	5.2	2,349
1978	807.4	11.3	3,983	179.8	278.6	528.8	84.1	540.2	4.6	2,432
1979	900.6	11.9	3,983	200.5	302.4	598.2	89.2	551.8	2.1	2,457
1980	962.8	6.9	4,251	214.4	292.8	670.0	93.3	535.7	–2.9	2,358
1981	1,047.6	8.8	4,566	233.3	316.0	731.6	103.7	543.6	1.5	2,370
1982	1,075.7	2.7	4,646	239.5	320.9	754.8	107.0	536.9	–1.2	2,319
1983, Jan.–June [4]	545.9	[5]7.5	2,343	(X)	176.5	369.4	48.1	280.1	5.0	1,202

X Not applicable. [1] Based on Bureau of the Census estimates of resident population as of July 1, except 1983, as of March 1. [2] *Source: Bureau of Economic Analysis.* [3] 1966 data not comparable with 1967. [4] Data unadjusted for seasonal variation and trading day differences. [5] Change from Jan.–June, 1982.

Source: Except as noted, U.S. Bureau of the Census, *Current Business Reports*, series BR, *Monthly Retail Trade*. Monthly data in U.S. Bureau of Economic Analysis, *Survey of Current Business* and *Business Conditions Digest*, both monthly.

No. 1427. Retail Trade—Sales, by Kind of Business: 1967 to 1983

[**In billions of dollars.** Based on 1972 Standard Industrial Classification. Data reflect methodological revision effective Aug. 1977. Based on Current Business Survey, see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series T 245–271]

KIND OF BUSINESS	1967	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, Jan.–June [1]
Retail trade, total	**293.0**	**368.4**	**588.1**	**657.4**	**725.2**	**807.4**	**900.6**	**962.8**	**1,047.6**	**1,075.7**	**545.9**
Durable goods stores, total [2]	**88.7**	**109.2**	**183.0**	**217.8**	**248.7**	**278.6**	**302.4**	**292.8**	**316.0**	**320.9**	**176.5**
Automotive dealers	53.8	62.6	106.6	129.8	150.0	166.1	174.7	158.3	173.9	182.4	106.6
Motor veh., misc. automotive dealers	49.7	56.9	96.8	118.9	137.1	152.2	158.8	140.7	154.7	161.5	96.1
Motor vehicle dealers	48.0	55.0	89.0	111.3	128.8	143.0	148.5	132.3	145.6	153.1	91.0
Motor vehicle dealers, franchised	45.0	51.8	84.2	105.2	121.9	134.8	139.2	124.8	136.6	143.9	84.6
Auto and home supply stores	4.2	5.6	9.9	10.9	12.9	13.9	15.9	17.6	19.2	20.9	10.5
Building materials, hardware, garden supply, mobile home dealers [2]	13.3	17.6	27.0	33.0	38.9	45.0	50.7	50.4	52.0	49.0	26.2
Building materials, supply stores	9.0	11.2	18.0	22.5	27.1	31.9	36.3	35.1	36.0	34.2	18.7
Hardware stores	2.8	3.2	5.1	5.4	6.1	6.7	8.0	8.5	8.8	8.4	4.1
Furniture, home furnishings, equipment [2]	14.2	17.7	26.9	30.0	33.2	36.9	42.8	44.9	47.5	46.5	23.1
Furniture, home furnishings stores	8.3	10.6	16.2	18.0	20.3	22.5	25.6	26.3	27.5	26.7	13.7
Household appliance, radio, TV	5.0	6.0	8.3	9.2	10.0	10.9	13.3	14.6	15.9	15.8	7.7
Nondurable goods stores, total [2]	**204.2**	**259.2**	**405.2**	**439.6**	**476.5**	**528.8**	**598.2**	**670.0**	**731.6**	**754.8**	**369.4**
Apparel and accessory stores [2]	16.3	20.2	31.3	33.7	35.6	40.5	43.4	46.2	50.3	52.0	23.8
Men's, boys' clothing, furnishings	3.4	4.4	6.4	6.5	6.9	7.5	7.8	7.8	8.2	8.1	3.6
Women's clothing, specialty stores, furriers	6.4	7.7	12.4	13.4	13.5	15.7	16.7	17.2	18.6	19.3	9.1
Women's ready-to-wear stores	5.3	6.7	11.3	12.3	12.4	14.5	15.3	15.7	16.9	17.2	8.2
Family clothing stores	3.1	3.8	6.6	7.2	8.1	8.3	8.8	9.8	10.7	10.8	4.5
Shoe stores	2.9	3.6	4.6	5.0	5.7	6.6	7.7	8.3	9.3	9.9	4.8
Drug stores and proprietary stores	10.8	13.8	19.9	21.6	23.2	25.4	28.2	30.6	33.6	35.8	18.6
Eating and drinking places	23.5	31.1	51.1	57.2	63.3	71.9	82.3	90.4	98.6	107.4	57.2
Food stores	69.4	88.7	138.4	148.0	157.9	175.7	199.2	222.7	241.1	252.8	126.8
Grocery stores	64.2	81.5	129.2	138.2	147.8	164.5	186.4	207.8	225.0	236.5	119.2
Gasoline service stations	22.6	29.2	47.5	52.0	56.5	60.6	75.3	97.4	108.2	104.6	49.8
General merchandise group stores [2]	41.0	50.3	78.0	84.3	93.5	103.3	110.3	115.7	127.9	131.3	58.7
Department stores	31.1	38.5	61.8	68.2	76.5	84.1	89.2	93.3	103.7	107.0	48.1
Variety stores	5.3	6.6	8.0	7.2	7.1	7.4	8.1	8.2	8.7	8.7	3.9
Misc. gen. merchandise group stores [3]	(S)	(S)	(S)	(S)	(S)	11.8	13.1	14.2	15.6	15.5	6.6
Liquor stores	6.6	8.3	11.8	12.4	13.0	13.8	15.6	17.5	18.6	19.0	8.7
Non-store retailers	(NA)	(NA)	(NA)	(NA)	(NA)	18.7	20.5	22.7	23.7	23.5	11.1
Mail-order houses (department store merchandise)	(NA)	(NA)	(NA)	(NA)	(NA)	4.4	4.4	4.5	4.9	4.9	2.2

NA Not available. S Estimate does not meet publication standards. [1] Unadjusted for seasonal variation. [2] Includes kinds of business not shown separately. [3] Includes catalog showroom stores.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Monthly Retail Trade*.

No. 1428. Retail Trade—Sales of Multiunit Organizations: 1978 to 1982

[In billions of dollars. Data based on sales of companies which had 11 or more retail establishments according to the most recent update of multiestablishment files selected with certainty (i.e., their sales size exceeded specified dollar volume cutoffs which varied by kind of business). For details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 197–219]

KIND OF BUSINESS	SALES					PERCENT OF TOTAL RETAIL SALES				
	1978	1979	1980	1981	1982	1978	1979	1980	1981	1982
Total sales	281.4	308.7	337.7	372.0	389.0	34.9	34.3	35.1	35.5	36.2
Durable goods stores	22.0	24.1	24.7	26.9	28.2	7.9	8.0	8.4	8.5	8.8
Auto and home supply stores	3.3	3.5	3.7	4.0	4.1	23.7	22.0	21.0	20.8	19.6
Nondurable goods stores [1]	259.4	284.6	312.9	345.1	360.8	49.1	47.6	46.7	47.2	47.8
Apparel and accessory stores [1]	14.8	16.0	17.0	18.7	20.1	36.5	36.9	36.8	37.2	38.7
Women's apparel, accessories	6.5	7.0	7.4	8.1	8.4	41.4	41.9	43.0	43.5	43.5
Shoe stores	2.9	3.2	3.5	3.9	4.3	43.9	41.6	42.2	41.9	43.4
Drug and proprietary stores	12.4	14.2	16.2	17.9	19.1	46.8	50.4	52.9	53.3	53.4
Food stores	94.3	104.2	115.1	127.6	135.4	53.7	52.3	51.7	52.9	53.6
Grocery stores	93.2	103.0	113.7	125.7	133.5	56.7	55.3	54.7	55.9	56.4
General merchandise group	93.3	99.4	105.2	115.3	119.2	90.3	90.1	90.9	90.1	90.8
Department stores	80.2	85.6	90.7	99.5	102.9	95.4	96.0	97.2	95.9	96.2
Variety stores	5.8	6.2	6.6	6.9	7.1	78.4	76.5	80.5	79.3	81.6
Misc. gen. merchandise group stores	7.3	7.6	7.9	8.9	9.2	61.9	58.0	55.6	57.1	59.4

[1] Includes kinds of business not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Annual* and *Monthly Retail Trade Reports*.

No. 1429. Retail Trade—Merchandise Inventories and Sales-Inventory Ratios: 1978 to 1981

[As of **Dec. 31**. Based on Current Business Survey, see Appendix III]

KIND OF BUSINESS	INVENTORIES AT COST [1] (bil. dol.)					SALES-INVENTORY RATIOS [3]				
	Total [2]				Retail stores only, 1981	Total [2]				Retail stores only, 1981
	1978	1979	1980	1981		1978	1979	1980	1981	
Total	100.3	108.5	113.6	123.6	107.9	8.0	8.3	8.5	8.5	9.7
Total (excluding automotive group)	75.1	81.8	89.0	97.0	82.0	8.5	8.9	9.0	9.0	10.7
Durable goods stores [4]	49.6	53.2	53.8	58.4	55.3	5.6	5.7	5.4	5.4	5.7
Automotive dealers	25.2	26.7	24.5	26.6	26.0	6.6	6.5	6.4	6.5	6.7
Motor vehicle and misc. automotive dealers	22.5	23.5	21.2	23.2	22.9	6.8	6.8	6.6	6.7	6.7
Motor vehicle dealers	20.1	21.1	18.9	20.6	20.4	7.1	7.0	7.0	7.1	7.1
Motor vehicle dealers (franchised)	19.1	19.9	18.0	19.6	19.4	7.1	7.0	6.9	7.0	7.0
Automotive and home supply stores	2.8	3.2	3.4	3.5	3.1	5.0	5.0	5.2	5.6	6.3
Building materials, hardware, garden supplies, mobile home dealers	8.1	8.6	9.3	9.7	9.1	5.6	5.9	5.4	5.3	5.7
Building materials, supply, hardware stores	6.7	7.4	7.9	8.3	7.8	5.8	6.0	5.5	5.3	5.7
Building materials and supply stores	5.0	5.4	5.7	6.0	5.6	6.4	6.7	6.1	5.9	6.4
Hardware stores	1.7	2.0	2.2	2.3	2.3	3.9	4.1	3.9	3.8	3.9
Furniture, home furnishings, equipment stores [4]	7.8	8.7	9.2	9.7	8.5	4.7	4.9	4.9	4.9	5.6
Furniture, home furnishings	4.5	5.0	5.2	5.5	5.0	5.0	5.2	5.0	5.0	5.5
Furniture stores	3.4	3.8	3.9	4.1	3.6	4.6	4.7	4.6	4.6	5.2
Household appliance, radio, TV	2.3	2.7	2.9	3.1	2.5	4.7	5.0	5.1	5.2	6.5
Household appliance stores	1.1	1.2	1.3	1.4	1.1	5.1	5.5	5.4	5.5	6.8
Jewelry stores	2.5	2.5	3.2	3.8	3.7	2.5	2.6	2.5	2.3	2.3
Nondurable goods stores [4]	50.8	55.3	59.7	65.2	52.7	10.4	10.8	11.2	11.2	13.9
Apparel and accessory stores [4]	8.5	8.9	9.5	10.6	9.9	4.8	4.9	4.9	4.8	5.1
Men's, boys' clothing, furnishings	1.9	2.0	1.9	2.1	2.0	3.9	3.9	4.0	3.9	4.2
Women's ready-to-wear stores	2.2	2.3	2.4	2.7	2.6	6.5	6.8	6.5	6.2	6.6
Family clothing stores	1.8	1.8	2.0	2.2	2.0	4.7	4.9	4.9	4.9	5.4
Shoe stores	1.8	1.9	2.1	2.4	2.2	3.7	3.9	3.9	3.9	4.2
Drug and proprietary stores	4.3	4.9	5.1	5.6	4.9	5.9	5.8	6.0	6.0	6.9
Eating and drinking places	1.9	1.9	2.0	2.2	1.8	37.5	44.0	44.1	44.4	54.6
Food stores	10.5	11.8	13.1	14.3	11.0	16.8	16.9	17.0	16.9	21.9
Grocery stores	10.0	11.3	12.5	13.6	10.4	16.4	16.5	16.6	16.5	21.7
Gasoline service stations	1.9	2.5	3.2	3.4	3.0	31.2	30.6	30.6	32.2	38.3
General merchandise group stores	18.1	19.3	19.8	21.8	16.7	5.7	5.7	5.9	5.9	7.7
Dept. stores, misc. general merchandise stores	16.3	17.3	17.8	19.8	15.1	5.9	5.9	6.0	6.0	7.9
Department stores	13.5	14.3	14.6	16.3	12.0	6.2	6.3	6.4	6.4	8.7
Variety stores	1.9	2.0	1.9	2.0	1.7	4.0	4.1	4.2	4.4	5.3
Liquor stores	1.5	1.8	2.1	2.2	1.9	8.9	8.6	8.5	8.6	9.6

[1] Excludes supplies and equipment used in store and warehouse operations that are not for resale.
[2] Includes warehouses. [3] Relates annual sales to yearend inventories. [4] Includes kinds of business not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Annual Retail Trade Report*.

No. 1430. Department Stores—Sales, Inventories, and Accounts Receivable: 1975 to 1982

[Sales and inventories figures for 1978–1982 reflect revisions based on data derived from the 1981 Retail Trade Report. Covers stores normally employing 25 or more persons and carrying a general line of apparel, homefurnishings, and housewares, with no one of the 3 categories accounting for as much as 80 percent of total sales]

ITEM	Unit	1975	1976	1977	1978	1979	1980	1981	1982
Sales, total	Bil. dol.	61.8	68.2	76.5	84.1	89.2	93.3	103.7	107.0
Percent department of all retail	Percent	10.5	10.4	10.5	10.4	9.9	9.7	9.9	9.9
Inventories (Dec. 31):									
Warehouse and stores	Bil. dol.	9.1	10.1	12.0	13.5	14.3	14.6	16.4	16.7
Stores only	Bil. dol.	(NA)	(NA)	9.5	10.3	11.0	10.8	12.0	(NA)
Sales-inventory ratio [1]	Ratio	(NA)	(NA)	6.2	6.2	6.3	6.4	6.3	6.4
Accounts receivable (Dec. 31)	Bil. dol.	11.8	13.0	16.0	16.0	17.9	19.2	20.6	21.2
Charge accounts [2]	Bil. dol.	1.2	1.3	1.0	1.0	1.1	.8	.7	.7
Installment accounts [3]	Bil. dol.	10.6	11.7	15.0	15.0	16.8	18.4	19.8	20.5

NA Not available. [1] Ratio of annual sales to yearend inventories. [2] Full payment is scheduled to be made at end of customary billing period. [3] Receivables scheduled to be paid in 2 or more payments.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Annual* and *Monthly Retail Trade*.

No. 1431. Commercial and Institutional Groups—Estimated Food and Drink Sales and Purchases: 1970 to 1981

[Excludes military. Data refer to sales to consumers and purchases by establishments of food and alcoholic beverages]

TYPE OF GROUP	Number, 1981	SALES (mil. dol.)					PURCHASES (mil. dol.)				
		1970	1975	1979	1980	1981	1970	1975	1979	1980	1981
Total [1]	**558,459**	**42,147**	**69,695**	**104,918**	**114,041**	**124,431**	**16,410**	**29,987**	**44,707**	**48,181**	**51,365**
Commercial feeding [2] [3]	390,463	34,777	58,317	89,002	96,565	105,754	10,675	20,433	31,123	33,311	35,871
Eating places [2]	244,345	21,614	39,251	62,319	67,702	74,675	7,509	15,123	23,240	24,903	26,989
Restaurants, lunchrooms	122,068	13,348	22,676	33,398	36,038	39,324	4,918	9,105	12,745	13,531	14,597
Limited menu restaurants [4]	103,202	6,190	13,597	24,936	27,435	30,809	1,873	4,891	9,043	9,842	10,775
Bars and taverns [5]	38,879	5,008	5,988	7,179	7,780	8,321	257	335	450	492	503
Food contractors [2]	7,836	2,442	4,169	6,242	6,818	7,344	963	1,783	2,683	2,907	3,086
Manufacturing and industrial plants	(NA)	915	1,351	2,017	2,121	2,300	375	630	940	989	1,060
Colleges and universities	(NA)	496	712	1,004	1,140	1,271	176	252	356	397	436
Lodging places [2]	29,917	2,585	4,093	6,153	6,599	7,133	876	1,419	2,163	2,274	2,380
Hotel restaurants	13,837	1,554	2,538	4,109	4,440	4,818	506	867	1,437	1,521	1,595
Motel restaurants	13,651	643	1,007	1,301	1,368	1,461	237	366	467	481	502
Retail hosts [2]	59,384	1,652	2,259	3,075	3,303	3,560	584	865	1,175	1,233	1,310
Grocery store restaurants	23,001	189	343	633	705	784	66	127	234	254	278
Dept. store restaurants	5,202	424	713	987	1,040	1,110	157	285	395	406	427
Drug store restaurants	8,619	341	341	345	358	377	119	129	131	136	141
Variety store restaurants	5,111	389	405	419	453	482	136	158	164	172	181
Gasoline service stations	8,232	109	202	359	383	416	36	75	133	138	148
Recreation and sports [2]	6,815	462	787	1,252	1,370	1,490	160	302	461	498	535
Bowling lanes	3,933	190	295	458	501	547	73	124	174	188	202
Recreation and sports centers	(NA)	211	393	632	702	756	67	146	234	255	271
Institutional feeding [2]	167,996	7,370	11,378	15,917	17,475	18,677	4,722	7,704	10,589	11,540	11,979
Employee feeding	8,607	688	1,072	1,535	1,635	1,762	357	554	777	828	886
Industrial and commercial organizations	3,820	561	892	1,302	1,377	1,490	280	445	637	673	722
Educational feeding	94,409	2,102	3,184	4,176	4,610	4,900	1,905	3,083	3,955	4,277	4,231
Elementary and secondary schools	91,840	1,163	1,687	2,136	2,312	2,364	1,369	2,228	2,907	3,117	3,018
Transportation	130	239	347	577	624	647	110	182	299	326	326
Airlines	63	178	260	441	475	493	80	132	220	237	246
Hospitals	6,867	2,991	4,346	6,055	6,668	7,183	1,334	1,983	2,740	3,017	3,240
Miscellaneous [2]	28,569	646	972	1,368	1,521	1,636	375	720	1,011	1,099	1,158
Clubs	10,310	525	696	942	1,056	1,164	218	335	453	498	549
Community centers	16,010	75	196	319	351	356	58	232	376	414	421

NA Not available. [1] Total purchases include food furnished to food service employees. [2] Includes other types of groups, not shown separately. [3] Data for establishments with payroll. [4] Fast-food restaurants. [5] For establishments serving food.

Source: National Restaurant Association, Washington, D.C., *NRA News*, monthly. (Copyright.)

No. 1432. Largest Retailing Companies—Sales, Assets, Net Income, and Employees, by Sales Group: 1980 to 1982

[Sales, assets, and net income in billions of dollars; employees in thousands; except percent. Excludes large privately owned companies that do not publish sales. Includes all operating revenues for fiscal years ending not later than January following year stated]

Rank by sales group	Sales [1]			Assets [2]			Net income [3]			Employees [4]		
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
50 largest	**200.8**	**220.9**	**246.2**	**96.3**	**106.9**	**128.4**	**3.9**	**4.4**	**4.4**	**3,240**	**3,132**	**3,279**
Lowest ten (41–50)	11.5	11.5	14.1	4.3	4.3	6.0	.3	.4	.3	143	159	162
Second ten (31–40)	15.7	17.3	22.6	7.3	6.0	10.6	.5	.5	.3	324	255	368
Third ten (21–30)	23.8	26.6	30.7	12.3	15.1	15.6	.7	.9	1.1	569	639	648
Fourth ten (11–20)	40.6	46.3	53.3	16.4	16.5	21.9	.5	.6	.3	591	540	596
Highest ten (1–10)	109.3	119.2	125.5	56.0	64.9	74.2	1.9	2.0	2.5	1,614	1,540	1,505
Percent of total:												
Lowest ten (41–50)	5.7	5.2	5.7	4.5	4.0	4.6	6.8	9.9	6.0	4.4	5.1	5.0
Second ten (31–40)	7.8	7.8	9.2	7.6	5.6	8.3	13.8	11.4	7.7	10.0	8.1	11.2
Third ten (21–30)	11.8	12.0	12.5	12.7	14.2	12.2	18.5	20.4	23.7	17.6	20.4	19.8
Fourth ten (11–20)	20.2	20.9	21.7	17.0	15.5	17.1	12.3	14.2	7.0	18.2	17.2	18.2
Highest ten (1–10)	54.4	53.9	51.0	58.2	60.7	57.8	48.7	44.0	55.5	49.8	49.2	45.9

[1] Includes sales of subsidiaries when they are consolidated. [2] Total assets employed in business at end of fiscal year. [3] After taxes, special charges, and credits. [4] As of year end, or yearly average.

Source: Time, Inc., New York, N.Y., adapted from The Fortune Directory, July 13, 1981; July 12, 1982; and June 13, 1983. (Copyright.)

No. 1433. Retail Trade—Sales by Broad Merchandise Lines: 1972 and 1977

[For establishments with payroll. For details on restructuring of merchandise lines between 1972 and 1977, see source]

Merchandise lines	1972			1977			
					Sales of specified merchandise lines		
						As percent of total sales	
	Establishments (1,000)	Sales [1] (mil. dol.)	Percent of sales	Establishments (1,000)	Total [1] (mil. dol.)	Establishments handling line	All establishments
Retail trade, total	**[2] 1,265**	**440,222**	**100.0**	**[2] 1,304**	**699,635**	**(x)**	**100.0**
Groceries and other food	255	86,391	19.6	271	137,506	51.8	19.7
Meals and snacks	303	29,297	6.7	341	54,735	37.1	7.8
Alcoholic drinks	131	7,306	1.7	138	9,998	31.9	1.4
Packaged alcoholic beverages	113	11,286	2.6	136	16,164	15.9	2.3
Cigars, cigarettes, and tobacco	225	6,110	1.4	231	8,475	4.6	1.2
Drugs	273	15,655	3.5	110	12,438	11.3	1.8
Health and beauty aids				166	11,325	5.4	1.6
Men's, boys' clothing, excluding footwear	97	14,995	3.4	106	22,740	17.3	3.3
Women's, girls' wear, excluding footwear	131	25,933	5.9	139	36,527	26.3	5.2
Footwear, exc. infants, toddlers	94	7,673	1.7	98	10,650	8.9	1.5
Curtains, draperies, and dry goods	83	8,164	1.9	82	10,011	8.6	1.4
Major household appliances	77	7,339	1.7	72	9,179	9.5	1.3
Kitchenware and home furnishings	117	6,039	1.4	137	9,881	6.0	1.4
Small electrical appliances				82	2,849	2.3	.4
Televisions	100	8,176	1.9	55	4,128	5.0	.6
Audio equipment, musical instruments, supplies				89	9,191	7.8	1.3
Furniture and sleep equipment	69	10,252	2.3	72	14,685	14.6	2.1
Floor coverings	63	3,947	.9	66	5,770	6.0	.8
Jewelry	95	4,979	1.1	111	8,151	6.4	1.2
Optical goods				21	1,361	3.1	.2
Sporting goods	75	7,244	1.6	80	9,451	8.7	1.4
Recreational vehicles				13	3,234	8.9	.5
Hardware and tools	89	4,576	1.0	94	8,555	7.2	1.2
Lawn and garden equipment, supplies	80	3,959	.9	99	7,217	6.5	1.0
Lumber and building materials	78	15,723	3.6	80	26,766	26.2	3.8
Cars, trucks, powered vehicles	53	66,486	15.1	56	112,285	82.7	16.0
Automotive fuels and lubricants	236	27,306	6.2	211	48,736	26.4	7.0
Auto tires, batteries, accessories	235	16,465	3.7	195	21,196	8.9	3.0
Household fuels [3]	27	4,138	.9	23	8,923	47.6	1.3

X Not applicable. [1] Includes sales taxes and finance charges in 1972 but not in 1977; includes other merchandise lines, not shown separately. [2] Detail will not add to total because establishments may carry more than one merchandise line. [3] 1972 includes ice.

Source: U.S. Bureau of the Census, *Census of Retail Trade, 1972,* vol. I, and *1977, Merchandise Line Sales,* RC 77-L.

No. 1434. Retail Trade—Establishments With Payroll, 1972, and Establishments, Sales, and Employees, 1977, by Kind of Business

[See also *Historical Statistics, Colonial Times to 1970*, series T 79-196]

Kind of business	1972		1977					
	Establishments with payroll		All establishments		Establishments with payroll			
	Number (1,000)	Sales [1] (mil. dol.)	Number (1,000)	Sales [1] (mil. dol.)	Number (1,000)	Sales [1] (mil. dol.)	Payroll, entire year (mil. dol.)	Paid employees [2] (1,000)
Retail trade, total [3]	**1,264.9**	**440,222**	**1,855.1**	**723,134**	**1,303.6**	**699,635**	**85,854**	**13,040**
Building materials, hardware, garden supply, and mobile home dealers	**62.0**	**22,958**	**90.4**	**38,860**	**65.8**	**37,793**	**4,367**	**470**
Building materials, supply stores	31.9	15,027	40.6	27,127	34.0	26,804	2,993	294
Hardware stores	18.5	3,634	26.5	6,087	19.4	5,695	806	112
Retail nurseries, lawn and garden supply stores	3.8	695	15.5	1,789	6.9	1,584	265	36
Mobile home dealers	7.8	3,601	7.8	3,857	5.5	3,709	303	27
General merchandise group stores	**44.4**	**64,669**	**48.9**	**93,948**	**38.4**	**93,455**	**12,719**	**2,017**
Department stores [4]	7.7	51,084	8.8	76,909	8.8	76,909	10,743	1,644
Variety stores	*18.4*	*7,220*	*17.4*	*7,095*	*14.2*	*6,948*	*1,002*	*214*
Misc. general merchandise stores	18.3	6,365	22.7	9,944	15.4	9,598	973	159
Food stores [5]	**173.1**	**96,375**	**252.0**	**157,940**	**171.6**	**152,745**	**14,730**	**1,959**
Grocery stores	128.1	90,048	178.8	147,759	126.6	143,938	13,342	1,692
Meat and fish (seafood) markets [6]	10.7	2,506	16.9	3,780	11.1	3,416	382	56
Fruit stores, vegetable markets	3.1	518	7.9	1,088	3.1	862	80	14
Candy, nut, confectionery stores	6.8	494	9.0	643	4.7	485	77	18
Retail bakeries	15.1	1,547	19.9	2,300	15.9	2,141	624	130
Automotive dealers [5]	**85.1**	**88,491**	**139.0**	**149,952**	**94.8**	**147,202**	**13,304**	**1,115**
Motor vehicle dealers:								
New and used cars	31.6	73,254	30.8	121,883	30.8	121,883	10,279	790
Used cars only	*12.8*	*3,563*	*37.0*	*6,945*	*13.3*	*5,186*	*374*	*42*
Auto and home supply stores	29.1	7,271	47.0	12,861	36.8	12,390	1,928	205
Gasoline service stations	**183.4**	**31,440**	**176.5**	**56,468**	**146.5**	**53,749**	**3,830**	**673**
Apparel and accessory stores [5]	**105.7**	**24,115**	**140.1**	**35,564**	**114.8**	**34,719**	**5,057**	**840**
Men's and boys' clothing, furnishings	21.0	5,497	22.7	6,943	20.6	6,839	1,098	145
Women's clothing and specialty stores and furriers	40.6	9,173	53.6	13,458	44.4	13,164	1,886	349
Furriers and furshops	1.0	179	1.9	322	.9	285	46	5
Family clothing stores	13.8	4,815	21.6	8,055	16.0	7,884	1,049	136
Shoe stores	23.4	3,972	27.9	5,650	24.5	5,517	822	121
Furniture, home furnishings, and equipment stores	**82.5**	**21,505**	**138.6**	**33,176**	**91.7**	**31,568**	**4,569**	**513**
Furniture, home furnishings stores	47.7	13,512	82.6	20,316	53.4	19,344	2,974	324
Household appliance stores	14.6	3,627	17.6	4,734	12.2	4,520	577	65
Radio, television, and music stores	20.2	4,365	38.4	8,126	26.1	7,705	1,018	123
Eating and drinking places	**287.3**	**35,048**	**368.1**	**63,276**	**308.6**	**61,307**	**15,415**	**3,759**
Eating places	208.9	29,313	274.3	55,581	237.7	54,406	14,018	3,425
Drinking places (alcoholic beverages)	78.4	5,735	93.7	7,695	70.9	6,901	1,396	334
Drug and proprietary stores	**47.6**	**15,420**	**49.6**	**23,196**	**47.2**	**23,057**	**3,127**	**460**
Drug stores	45.0	14,901	(NA)	(NA)	44.4	22,313	3,050	444
Proprietary stores	2.6	519	(NA)	(NA)	2.8	745	77	15
Miscellaneous retail stores [3] [5]	**193.9**	**40,202**	**452.0**	**70,753**	**224.2**	**64,038**	**8,737**	**1,235**
Liquor stores	33.7	9,342	44.4	12,967	35.1	12,191	913	145
Used merchandise stores	11.9	1,180	49.8	2,850	14.5	2,141	395	61
Misc. shopping goods stores	*71.2*	*10,992*	*164.6*	*20,882*	*88.1*	*19,004*	*2,726*	*440*
Sporting goods, bicycle shops	12.4	2,284	31.5	4,655	17.1	4,172	533	77
Book stores	5.0	854	12.7	1,840	7.6	1,722	233	43
Stationery stores	5.1	713	6.4	1,119	4.8	1,057	175	27
Jewelry stores	16.0	2,904	34.1	5,429	19.7	5,010	835	105
Hobby, toy, game shops	4.8	811	18.5	1,768	6.6	1,554	180	34
Camera, photographic supply	3.3	736	5.7	1,171	3.6	1,111	134	17
Gift, novelty, souvenir	12.6	1,037	34.0	2,572	17.1	2,232	331	68
Luggage, leather goods	1.2	187	2.6	370	1.6	347	55	8
Sewing, needlework, piece goods	11.4	1,466	19.1	1,958	10.1	1,798	251	60
Nonstore retail [3]	19.7	9,705	32.8	14,440	20.8	14,076	2,374	288
Mail order houses	5.4	4,528	11.0	7,555	6.7	7,437	1,110	126
Automatic merchandising [7]	*5.4*	*2,828*	*13.5*	*3,945*	*5.7*	*3,700*	*655*	*73*
Direct selling establishments [3]	8.9	2,349	8.4	2,940	8.4	2,940	609	88
Fuel and ice dealers	15.3	4,601	20.2	10,171	14.7	9,762	1,027	101
Florists	16.5	1,450	29.4	2,400	20.1	2,177	465	88
Cigar stores and stands	2.6	358	3.6	460	2.3	392	42	8
News dealers and newsstands	2.7	347	7.8	533	2.1	380	42	10

NA Not available. [1] Excludes sales tax and carrying or other charges for credit in 1977; includes them in 1972. [2] Pay period including Mar. 12. [3] Excludes nonemployer direct sellers. [4] Includes sales from catalog order desks. [5] Includes kinds of business not shown separately. [6] Including freezer provisioners. [7] Vending machines; excludes music and game machines.

Source: U.S. Bureau of the Census, *Census of Retail Trade, 1972*, vol. I, and *1977*, U.S. Summary, Geographic Area Series, RC 77-A-52.

No. 1435. Retail Sales—By Type Of

[In millions of dollars. Data for 1977 based on the 1977 Census of Retail Trade;

Division and State	Total [1]		Food stores				General merchandise stores				Automotive dealers	
			Total		Supermarkets		Total		Department stores			
	1977	1982	1977	1982	1977	1982	1977	1982	1977	1982	1977	1982
U.S.	723,134	1,100,750	157,941	268,352	147,758	252,094	93,948	139,654	76,912	115,969	149,952	172,669
N.E	40,375	63,609	9,354	15,953	8,592	14,688	4,845	7,278	3,947	6,017	6,838	7,263
Maine	3,616	5,668	872	1,400	836	1,349	393	611	275	436	724	773
N.H	3,387	5,290	826	1,436	782	1,362	353	518	267	398	649	707
Vt	1,668	2,524	389	620	375	601	144	206	97	142	308	324
Mass	18,474	30,514	4,210	7,707	3,808	6,991	2,361	3,727	1,912	3,068	2,887	3,192
R.I	2,802	4,079	639	999	566	887	337	484	294	433	472	466
Conn	10,428	15,534	2,416	3,789	2,226	3,497	1,257	1,731	1,102	1,540	1,798	1,800
M.A	112,229	162,886	26,753	42,894	23,705	38,175	14,752	18,732	12,612	16,312	19,123	22,655
N.Y	50,698	75,335	12,611	20,616	10,948	18,023	6,645	8,796	5,634	7,585	7,512	8,983
N.J	24,287	35,926	5,838	9,651	5,233	8,676	3,009	3,659	2,658	3,300	4,225	5,194
Pa	37,244	51,625	8,304	12,626	7,524	11,475	5,097	6,276	4,319	5,428	7,386	8,478
E.N.C	139,884	191,045	28,766	45,139	26,954	42,445	19,283	27,209	16,552	23,747	30,436	28,168
Ohio	35,563	47,761	7,839	12,135	7,356	11,432	5,452	6,967	4,782	6,215	7,713	6,960
Ind	18,263	25,316	3,665	5,957	3,492	5,694	2,393	3,281	2,009	2,787	4,168	3,912
Ill	39,215	53,309	7,571	12,220	7,111	11,522	5,129	7,280	4,333	6,290	8,088	7,692
Mich	31,912	44,463	6,608	9,948	6,111	9,219	4,381	7,013	3,886	6,293	7,433	6,938
Wis	14,930	20,196	3,084	4,879	2,885	4,578	1,928	2,668	1,542	2,163	3,033	2,666
W.N.C	56,595	84,931	10,989	18,867	10,465	18,030	7,333	11,034	5,749	8,808	12,436	14,174
Minn	13,567	20,660	2,456	4,332	2,289	4,067	1,854	2,666	1,530	2,247	2,691	3,108
Iowa	9,833	14,088	1,969	3,289	1,889	3,168	1,164	1,821	926	1,473	2,231	2,368
Mo	15,920	24,114	3,295	5,676	3,145	5,441	2,227	3,372	1,788	2,724	3,545	4,113
N. Dak	2,250	3,350	370	628	351	599	217	341	154	247	559	636
S. Dak	2,184	3,414	406	735	390	708	193	304	127	212	478	561
Nebr	5,145	7,827	972	1,714	924	1,636	686	980	507	722	1,094	1,310
Kans	7,696	11,477	1,522	2,491	1,469	2,411	993	1,550	733	1,183	1,839	2,077
So. A	113,333	181,490	25,438	41,806	24,224	39,915	14,782	22,799	11,648	18,345	23,855	32,857
Del	2,139	2,983	474	718	434	660	328	482	284	425	362	432
Md	14,377	22,253	3,198	5,386	2,962	5,008	2,037	2,894	1,767	2,564	2,825	3,720
D.C	2,085	2,754	355	512	328	474	204	201	171	172	202	211
Va	16,535	26,989	3,712	6,259	3,547	5,990	2,215	3,399	1,727	2,714	3,540	4,925
W. Va	5,676	9,346	1,374	2,489	1,337	2,430	771	1,279	599	1,012	1,265	1,794
N.C	16,842	24,880	3,831	5,802	3,738	5,676	1,992	2,825	1,349	1,944	3,769	4,793
S.C	8,350	12,811	2,022	3,022	1,980	2,965	989	1,523	661	1,026	1,766	2,309
Ga	15,916	24,803	3,455	5,676	3,343	5,510	2,132	3,198	1,641	2,514	3,481	4,719
Fla	31,413	54,672	7,016	11,943	6,555	11,201	4,114	6,998	3,449	5,974	6,645	9,954
E.S.C	41,091	61,210	9,489	16,407	9,254	16,035	5,003	8,591	3,606	6,272	9,748	9,173
Ky	10,492	16,639	2,491	4,673	2,406	4,527	1,195	2,047	878	1,528	2,292	2,331
Tenn	13,710	19,592	3,007	5,014	2,934	4,907	1,764	2,947	1,360	2,305	3,323	3,024
Ala	10,705	15,730	2,440	3,889	2,392	3,821	1,308	2,305	910	1,622	2,611	2,432
Miss	6,184	9,248	1,552	2,830	1,523	2,781	737	1,291	459	817	1,522	1,387
W.S.C	73,845	126,569	16,366	30,939	15,736	29,866	9,398	15,490	7,148	12,028	17,788	25,478
Ark	6,383	10,022	1,453	2,537	1,417	2,480	751	1,304	563	994	1,539	2,010
La	12,417	18,372	3,079	5,137	2,961	4,959	1,669	2,326	1,187	1,675	2,707	3,298
Okla	9,228	15,444	2,096	4,004	2,037	3,907	1,093	1,758	722	1,187	2,284	3,349
Tex	45,816	82,732	9,737	19,261	9,322	18,520	5,884	10,101	4,676	8,172	11,259	16,821
Mt	36,750	59,231	7,725	14,491	7,426	13,987	4,280	6,825	3,364	5,459	7,958	10,348
Mont	2,848	4,410	599	994	579	963	245	436	162	300	604	757
Idaho	3,016	4,598	659	1,181	637	1,146	280	461	185	315	700	842
Wyo	1,654	3,141	314	686	307	674	135	222	64	101	344	524
Colo	9,825	16,024	2,008	3,999	1,921	3,844	1,204	1,841	1,044	1,632	2,081	2,784
N. Mex	4,022	6,466	839	1,586	805	1,527	451	724	298	482	934	1,220
Ariz	8,170	12,623	1,893	3,468	1,831	3,368	1,053	1,488	838	1,204	1,707	2,103
Utah	4,146	6,338	821	1,448	774	1,371	551	1,022	454	858	952	1,136
Nev	3,069	5,630	593	1,129	571	1,094	362	631	319	568	636	983
Pac	109,034	169,779	23,062	41,856	21,399	38,952	14,272	21,697	12,286	18,980	21,772	22,554
Wash	13,503	21,720	2,895	5,311	2,755	5,067	1,604	2,416	1,386	2,132	2,757	2,920
Oreg	9,348	14,488	1,822	3,033	1,730	2,894	1,256	2,324	983	1,846	2,083	2,141
Calif	81,058	125,579	17,267	31,629	15,913	29,233	10,554	15,664	9,403	14,220	16,232	16,792
Alaska	1,831	2,957	427	828	410	796	227	368	138	224	241	235
Hawaii	3,294	5,035	651	1,055	592	961	632	924	376	558	457	465

[1] Includes other types of stores, not shown separately. [2] Includes hardware dealers. [3] Includes home furnishings stores.

STORE AND STATE: 1977 AND 1982

See Apendix III. Data for 1982 are estimates, see source for details]

EATING AND DRINKING *PLACES*		GASOLINE SERVICE *STATIONS*		APPAREL AND ACCESSORIES *STORES*		BUILDING MATERIALS *DEALERS*[2]		FURNITURE AND APPLIANCE STORES[3]				DIVISION AND STATE
								Total		*Furniture*[3]		
1977	1982	1977	1982	1977	1982	1977	1982	1977	1982	1977	1982	
63,276	107,484	56,468	107,540	35,564	50,593	38,859	52,711	33,177	46,105	20,320	27,725	U.S.
3,617	6,624	2,941	6,183	2,096	3,571	2,009	2,486	1,583	2,628	957	1,557	**N.E.**
261	505	244	434	132	250	248	324	116	190	63	102	Maine.
253	487	237	462	135	216	240	322	122	238	71	135	N.H.
128	229	140	270	66	126	127	148	56	92	33	53	Vt.
1,828	3,421	1,290	2,816	1,061	1,902	776	972	729	1,253	463	781	Mass.
255	420	216	470	144	219	138	167	106	144	61	81	R.I.
892	1,562	814	1,731	558	858	480	552	455	711	266	405	Conn.
10,093	16,020	7,644	14,128	6,615	8,387	4,390	5,021	5,004	7,460	3,063	4,488	**M.A.**
4,953	7,893	2,984	5,471	3,342	4,250	1,752	1,969	2,266	3,562	1,412	2,171	N.Y.
2,148	3,440	1,804	3,614	1,440	1,824	918	998	1,122	1,695	724	1,073	N.J.
2,992	4,686	2,857	5,042	1,832	2,313	1,720	2,054	1,616	2,203	927	1,244	Pa.
12,509	19,470	11,701	20,220	6,500	8,195	7,284	8,631	6,324	7,490	3,673	4,267	**E.N.C.**
3,105	4,483	3,117	5,898	1,363	1,748	1,694	1,968	1,547	1,789	926	1,048	Ohio.
1,520	2,508	1,702	2,770	737	886	994	1,287	787	884	460	505	Ind.
3,665	5,668	3,041	4,826	2,197	2,794	1,929	2,443	1,818	2,191	1,100	1,303	Ill.
2,696	4,404	2,591	4,763	1,642	2,124	1,683	1,813	1,491	1,807	616	976	Mich.
1,524	2,408	1,250	1,964	560	643	985	1,099	682	820	371	434	Wis.
4,733	8,612	5,278	8,740	2,536	3,441	4,150	5,001	2,504	3,228	1,465	1,850	**W.N.C.**
1,155	2,100	1,194	2,056	598	810	1,126	1,353	578	765	323	418	Minn.
806	1,392	954	1,416	408	506	800	967	450	569	260	320	Iowa.
1,321	2,423	1,497	2590	691	924	903	1,066	658	828	380	470	Mo.
190	336	201	327	130	201	244	315	97	120	54	66	N.Dak.
190	349	241	432	106	147	203	242	94	128	53	70	S.Dak.
474	845	530	908	235	324	357	430	261	331	177	218	Nebr.
596	1,166	661	1,011	369	529	517	626	365	487	218	288	Kans.
9,330	16,680	9,303	17,839	5,288	7,545	5,930	9,557	5,270	7,729	3,442	4,934	**S.A.**
164	244	162	306	101	115	119	165	104	124	62	72	Del.
1,257	1,991	1,210	2,528	687	910	531	872	628	840	367	501	Md.
379	561	138	214	168	182	38	45	115	123	67	70	D.C.
1,239	2,244	1,481	2,776	729	1,033	614	1,433	740	1,119	495	733	Va.
352	600	493	967	238	319	387	632	260	355	168	224	W.Va.
1,177	2,039	1,360	2,296	805	1,042	1,091	1,646	825	1,213	562	811	N.C.
587	1,120	722	1,262	415	620	536	781	368	514	258	352	S.C.
1,251	2,284	1,351	2,261	739	1,000	859	1,379	675	851	469	581	Ga.
2,925	5,597	2,386	5,230	1,406	2,321	1,554	2,605	1,555	2,590	975	1,591	Fla.
2,823	4,871	3,436	6,266	1,936	2,774	2,503	3,587	1,773	2,513	1,174	1,630	**E.S.C.**
771	1,353	1,021	1,994	438	649	656	1,004	456	694	293	436	Ky.
990	1,637	1,151	2,059	611	825	815	1,089	599	817	398	532	Tenn.
691	1,227	810	1,466	571	859	689	1,001	468	661	327	450	Ala.
371	653	454	748	316	442	343	492	249	341	156	212	Miss.
5,774	10,598	5,453	11,681	3,995	7,026	3,933	6,261	3,288	5,252	2,082	3,232	**W.S.C.**
385	668	496	908	326	530	432	579	267	326	182	217	Ark.
997	1,469	858	1,602	675	931	663	1,006	553	771	353	477	La.
715	1,173	655	1,188	549	943	542	787	423	685	276	437	Okla.
3,678	7,287	3,444	7,984	2,445	4,622	2,295	3,888	2,044	3,470	1,271	2,101	Tex.
3,371	5,078	3,097	6,043	1,557	2,630	2,580	3,540	1,777	2,923	1,087	1,750	**Mt.**
275	366	272	499	137	226	260	371	122	205	70	116	Mont.
260	351	223	348	121	220	286	434	150	244	92	148	Idaho.
146	248	214	525	79	150	148	247	68	131	37	69	Wyo.
966	1,508	708	1,325	438	745	675	879	480	755	281	434	Colo.
345	569	366	596	187	332	250	375	182	301	115	186	N.Mex.
775	1,113	652	1,331	288	454	473	551	419	692	260	421	Ariz.
314	417	367	697	169	270	289	353	231	353	154	233	Utah.
290	506	295	722	139	233	199	329	127	241	77	142	Nev.
11,025	19,531	7,613	16,439	5,041	7,024	6,080	8,627	5,653	6,884	3,376	4,016	**Pac.**
1,356	2,713	947	2,012	610	977	898	1,447	669	857	385	482	Wash.
879	1,670	655	1,352	391	566	629	833	481	621	272	344	Oreg.
8,052	13,901	5,733	12,534	3,767	5,036	4,328	6,047	4,341	5,240	2,635	3,104	Calif.
254	464	103	206	69	108	150	198	59	65	34	36	Alaska.
484	784	176	333	204	336	74	105	102	101	51	49	Hawaii.

Source: Market Statistics, New York, N.Y., *The Survey of Buying Power Data Service,* annual (copyright).

No. 1436. Franchising—Summary: 1970 to 1983

[Franchising is a form of marketing or distribution in which a parent company customarily grants an individual or a company the right, or privilege, to do business in a prescribed manner over a certain period of time in a specified place. The parent company is termed the franchisor; the receiver of the privilege the franchisee; and the right, or privilege, the franchise]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982 [1]	1983 [1]
Number of franchised establishments	1,000	396	435	443	451	452	452	442	442	449	465
Company-owned [2]	1,000	72	81	83	86	85	85	85	86	87	89
Franchisee-owned	1,000	324	354	360	365	367	367	357	356	362	376
Sales of products and services	Bil. dol.	120	191	222	253	287	312	336	365	386	436
Company-owned [2]	Bil. dol.	23	29	33	38	44	39	47	51	55	61
Franchisee-owned	Bil. dol.	96	162	189	215	243	273	289	314	331	375
Average sales per establishment	$1,000	302	439	500	562	635	690	760	824	860	937
Employment	1,000	(NA)	3,511	3,792	4,151	4,496	4,605	4,668	4,878	(NA)	(NA)

NA Not available. [1] Estimated by respondents to annual survey of franchisors. [2] Represents establishments owned by the parent company.

Source: U.S. Dept. of Commerce, Bureau of Industrial Economics, *Franchising in the Economy, 1981–83.*

No. 1437. Franchising—Number of Establishments and Sales, by Kind of Franchised Business: 1970 to 1983

[See headnote, table 1436, for definition of franchising]

KIND OF FRANCHISED BUSINESS	NUMBER OF ESTABLISHMENTS (1,000)						SALES (mil. dol.)					
	1970	1975	1980	1981	1982 [1]	1983 [1]	1970	1975	1980	1981	1982 [1]	1983 [1]
All franchising, total	**396.3**	**434.5**	**442.4**	**442.4**	**448.5**	**465.1**	**119,758**	**190,931**	**336,220**	**364,719**	**385,937**	**435,753**
Auto and truck dealers [2]	37.2	31.8	29.4	28.9	27.9	27.4	58,812	94,497	143,861	159,376	164,157	192,475
Percent	9.4	7.3	6.6	6.5	6.2	5.9	49.1	49.5	42.8	43.7	42.5	44.2
Restaurants (all types)	32.6	43.0	60.0	61.8	65.2	70.3	4,602	12,262	27,867	30,042	33,592	38,383
Percent	8.2	9.9	13.6	14.0	14.5	15.1	3.8	6.4	8.3	8.2	8.7	8.8
Gasoline service stations [2]	222.0	189.5	158.5	151.3	144.7	139.3	29,340	47,387	94,470	101,665	106,544	114,534
Percent	56.0	43.6	35.8	34.2	32.3	29.9	24.5	24.8	28.1	27.9	27.6	26.3
Retailing (nonfood)	30.7	37.2	35.2	35.0	37.0	40.0	13,133	9,031	10,517	10,257	11,807	12,912
Percent	7.7	8.6	8.0	7.9	8.2	8.6	11.0	4.7	3.1	2.8	3.1	3.0
Auto, truck rental services	[3] 10.7	6.5	7.3	7.5	7.9	8.3	[3] 1,177	1,475	3,146	3,375	3,661	3,989
Automotive products and services [4]	20.4	47.5	40.2	39.6	39.7	41.5	1,936	5,006	7,084	8,039	8,492	9,270
Business aids and services	10.5	22.2	40.7	45.8	49.7	55.6	723	1,397	6,749	7,340	8,127	9,499
Employment services	2.9	2.7	4.4	4.7	4.8	5.3	516	553	1,594	1,782	1,914	2,213
Tax preparation services	4.7	7.5	9.2	9.5	9.9	10.0	85	161	289	332	361	382
Accounting, credit, collection, and general	1.1	3.5	2.4	2.2	2.5	2.8	20	165	121	125	137	153
Other	1.7	8.3	24.7	29.4	32.5	37.5	101	518	4,745	5,100	5,715	6,752
Construction, home improvement, maintenance, and cleaning	.7	10.8	14.3	14.7	15.6	17.4	63	639	1,475	1,740	2,120	2,609
Convenience stores	8.8	13.5	15.6	15.5	16.3	17.3	1,727	3,906	7,821	8,406	9,252	10,168
Educational products and services	4.9	1.3	3.2	3.9	4.4	5.0	86	173	339	434	499	577
Equipment rental services	[3]	1.4	2.2	1.6	1.7	1.8	[3]	157	356	347	402	460
Food retailing [5]	(NA)	11.8	15.5	16.2	17.1	18.4	(NA)	1,445	7,430	7,866	8,709	9,521
Hotels and motels [6]	3.4	6.4	6.4	6.4	6.6	6.9	3,540	4,601	9,506	9,903	10,838	12,003
Laundry, dry cleaning services	4.1	3.2	3.4	3.1	3.2	3.3	144	214	286	246	258	278
Recreation, entertainment, travel	2.7	3.4	4.6	5.6	6.7	7.4	77	162	516	574	854	1,071
Soft drink bottlers [2] [7]	2.7	2.4	1.9	1.8	1.7	1.6	4,102	8,165	14,352	14,620	16,125	17,417
Miscellaneous	4.8	2.7	3.6	3.6	3.4	3.8	295	414	447	488	498	587

NA Not available. [1] Estimated by respondents. [2] Estimated by source on basis of Bureau of the Census and trade association data. [3] Equipment rental services included with auto, truck rental services. [4] Includes some establishments with significant sales of nonautomotive products such as household appliances, garden supplies, etc. [5] Excludes convenience stores. [6] Beginning 1975, includes campgrounds. [7] Includes soft drinks, fruit drinks and ades, syrups, flavoring agents and bases. Excludes independent private label and contract-filler bottling companies, which accounted for 22 percent in recent years, of the value of shipments of the total industry.

Source: U.S. Dept. of Commerce, Bureau of Industrial Economics, *Franchising in the Economy, 1981–83.*

No. 1438. Wholesale Trade—Summary: 1948 to 1977

[Prior to 1958, excludes Alaska and Hawaii. 1972 and 1977 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also *Historical Statistics, Colonial Times to 1970,* series T 43-47, and T 274-279]

ITEM	Unit	1948	1954	1958	1963	1967	1972	1977
Firms, total	1,000	(NA)	(NA)	(NA)	232	233	276	289
Establishments, total	1,000	216	250	287	308	311	370	383
With sales of $1,000,000 or more	1,000	21	(NA)	(NA)	62	75	103	152
Sales, all establishments	Bil. dol.	180.6	234.0	285.7	358.4	459.5	695.2	1,258.4
Merchant wholesalers	Bil. dol.	76.5	100.1	122.1	157.4	206.1	353.9	676.1
Inventories, end of year	Bil. dol.	10.0	13.0	15.0	20.1	28.1	45.7	82.3
Payroll, entire year	Bil. dol.	7.7	10.9	13.2	18.1	23.9	36.9	56.3
Paid employees, Mar. 15 workweek [1]	1,000	2,305	2,555	2,803	3,089	3,519	4,026	4,397
Active proprietors of unincorporated businesses	1,000	131	150	158	193	122	(NA)	(NA)

NA Not available. [1] 1948-1963 data for workweek inciuding Nov. 15.

Source: U.S. Bureau of the Census, *U.S. Census of Business: 1948,* vol. IV; *1954,* vol. III; *1958,* vol. III; *1963,* vol. IV; *1967,* vol. III; and *Census of Wholesale Trade: 1972,* vol. I and *1977,* WC 77-A-52.

No. 1439. Wholesale Trade—Merchant Wholesalers Sales, Stocks, and Stock-Sales Ratio: 1960 to 1982

[In billions of dollars, except ratios. Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III. See *Historical Statistics, Colonial Times to 1970,* series T 375-383, for sales]

ITEM	1960 [1]	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
All establishments:													
Sales [2]	139.9	187.3	287.3	456.2	573.0	559.5	608.3	671.8	793.4	944.2	1,111.9	1,208.1	1,144.4
Stocks, end of year [3]	14.1	18.3	32.8	45.4	56.9	56.7	64.1	72.3	85.7	98.4	112.3	117.0	116.8
Stock-sales ratio [4]	1.22	1.15	1.26	1.11	1.07	1.21	1.19	1.21	1.20	1.18	1.14	1.13	1.24
Durable goods:													
Sales [2]	58.6	82.9	127.2	202.0	246.8	229.5	257.4	297.3	362.4	424.0	472.1	509.7	457.7
Stocks, end of year [3]	8.1	10.6	19.7	27.4	35.3	36.7	41.4	47.0	55.8	63.2	71.7	76.7	78.5
Stock-sales ratio [4]	1.69	1.49	1.77	1.53	1.50	1.89	1.83	1.77	1.70	1.69	1.71	1.74	2.06
Nondurable goods:													
Sales [2]	81.3	104.5	160.1	254.1	326.2	329.9	350.9	374.6	431.0	520.2	639.8	698.3	686.6
Stocks, end of year [3]	6.0	7.7	13.1	18.0	21.7	20.0	22.7	25.3	29.9	35.2	40.7	40.3	40.3
Stock-sales ratio [4]	.88	.87	.86	.77	.74	.73	.73	.77	.77	.76	.72	.69	.70

[1] Excludes Alaska and Hawaii. [2] Annual totals. [3] Seasonally adjusted. [4] Source: U.S. Bureau of Economic Analysis. In *Survey of Current Business,* monthly. Ratio of average stocks to average monthly sales. Average stocks based on weighted averages of end-of-month figures.

Source: Except as noted, U.S. Bureau of the Census; *Current Business Reports,* series BW, *Monthly Wholesale Trade.*

No. 1440. Wholesale Trade, by Type of Operation and Kind of Business: 1972 and 1977

[See also *Historical Statistics, Colonial Times to 1970,* series T 274-287 and T 352-369]

TYPE OF OPERATION AND KIND OF BUSINESS	ESTABLISHMENTS (1,000)		SALES [1] (mil. dol.)		PAYROLL [2] (mil. dol.)		PAID EMPLOYEES [3] (1,000)	
	1972	1977	1972	1977	1972	1977	1972	1977
Wholesale trade	**369.8**	**382.8**	**695,224**	**1,258,400**	**36,893**	**58,290**	**4,026**	**4,397**
Merchant wholesalers	290.0	307.3	353,919	676,058	25,916	42,067	3,023	3,368
Manufacturers' sales branches, offices	47.2	40.5	255,679	451,855	9,029	13,241	795	606
Merchandise agents, brokers	32.6	35.1	85,626	130,488	1,948	2,981	208	222
Kind of business:								
Motor vehicles, automotive equipment	36.5	38.9	83,016	147,112	3,415	5,148	392	423
Furniture, home furnishings	9.5	11.1	12,359	22,032	926	1,445	97	110
Lumber, construction materials	15.9	15.7	28,095	46,179	1,725	2,502	181	180
Sporting, recreational, photographic goods [4]	6.7	6.6	11,146	16,521	852	1,024	85	77
Metals and minerals, except petroleum	8.0	9.4	43,466	80,298	1,358	2,178	127	133
Electrical goods	21.2	24.9	49,349	69,999	2,603	3,922	257	277
Hardware, plumbing, heating equipment	17.4	18.6	18,600	30,605	1,714	2,576	181	194
Machinery, equipment, supplies	73.8	84.0	80,692	165,057	8,000	14,350	800	986
Paper, paper products	10.7	11.7	17,280	32,509	1,291	2,103	130	149
Drugs, drug proprietaries [5]	4.0	3.6	12,666	19,445	803	1,148	88	89
Apparel, piece goods, notions	12.4	13.0	27,933	39,895	1,389	1,830	134	131
Groceries and related products	38.5	38.0	106,457	182,905	4,834	7,469	560	602
Farm-product raw materials	14.8	14.8	52,401	110,332	709	1,273	118	135
Chemicals, allied products	6.4	8.5	24,621	51,661	885	1,603	78	100
Petroleum, petroleum products	31.3	22.6	46,284	116,780	1,547	2,249	194	179
Beer, wines, distilled alcoholic beverages	7.0	6.7	19,885	26,979	1,185	1,841	111	122
Miscellaneous	55.7	54.9	60,952	100,090	3,656	5,628	474	511

[1] Includes sales taxes and finance charges in 1972 but not in 1977. [2] Entire year. [3] Week including Mar. 12. [4] Includes toys, hobby goods, and supplies. [5] Includes druggists sundries.

Source: U.S. Bureau of the Census, *Census of Wholesale Trade, 1972,* vol. I, and *1977,* Geographic Area Series, WC 77-A-52.

NO. 1441. WHOLESALE TRADE—SUMMARY, BY STATES: 1972 AND 1977

DIVISION AND STATE	1972			1977						
						Payroll, entire year			Merchant wholesalers	
	Establishments	Sales [1] (bil. dol.)	Payroll, entire year (mil. dol.)	Establishments	Sales [1] (bil. dol.)	Total (mil. dol.)	Percent of operating expenses	Paid employees [2] (1,000)	Establishments	Sales [1] (bil. dol.)
U.S	**369,791**	**695.2**	**36,893**	**382,837**	**1,258.4**	**58,290**	**49.1**	**4,397**	**307,264**	**676.1**
N.E	**18,577**	**33.9**	**2,053**	**18,830**	**58.4**	**2,969**	**49.1**	**225**	**15,252**	**32.0**
Maine	1,625	1.9	125	1,580	2.8	178	50.4	17	1,380	2.0
N.H	1,092	1.1	86	1,223	2.0	148	49.2	12	1,016	1.6
Vt	714	.7	50	746	1.0	75	49.5	7	664	.8
Mass	9,226	19.3	1,119	9,107	30.2	1,550	49.2	113	7,177	14.8
R.I	1,479	2.1	142	1,480	3.1	206	50.3	17	1,280	2.1
Conn	4,441	8.8	530	4,694	19.2	812	48.5	59	3,735	10.7
M.A	**69,469**	**164.6**	**8,226**	**68,682**	**274.4**	**11,585**	**47.1**	**804**	**55,613**	**154.1**
N.Y	39,984	100.4	4,686	38,149	165.4	6,115	46.1	411	31,324	103.2
N.J	11,754	31.8	1,661	12,997	55.3	2,652	45.9	182	10,348	25.7
Pa	17,731	32.4	1,878	17,536	53.7	2,818	50.7	211	13,941	25.1
E.N.C	**68,175**	**137.3**	**7,408**	**67,201**	**249.0**	**11,580**	**50.7**	**818**	**52,770**	**119.8**
Ohio	16,721	33.7	1,858	16,643	61.7	2,928	51.2	212	12,531	27.2
Ind	8,903	13.4	799	8,875	25.4	1,224	50.6	97	7,352	14.5
Ill	21,491	52.8	2,684	21,237	97.1	4,207	49.9	280	16,499	47.9
Mich	12,827	26.5	1,398	12,572	45.2	2,109	51.2	141	9,813	19.3
Wis	8,233	10.8	670	7,874	19.6	1,112	51.2	86	6,574	10.8
W.N.C	**41,111**	**64.5**	**3,101**	**39,814**	**119.7**	**5,133**	**49.3**	**407**	**32,739**	**69.9**
Minn	8,716	15.1	786	8,625	29.1	1,284	50.5	94	6,823	16.0
Iowa	8,204	10.0	491	7,646	20.1	825	46.0	69	6,509	14.0
Mo	10,136	20.7	998	10,007	35.1	1,520	50.6	116	7,889	18.2
N. Dak	2,382	2.2	105	2,126	3.9	196	50.9	17	1,869	2.7
S. Dak	2,098	2.0	89	1,897	3.4	162	49.8	15	1,668	2.0
Nebr	4,262	6.4	282	4,164	10.6	494	48.9	42	3,573	6.4
Kans	5,313	8.2	351	5,349	17.5	653	48.2	54	4,408	10.5
S.A	**49,836**	**87.5**	**4,803**	**54,186**	**153.2**	**7,519**	**50.7**	**622**	**43,471**	**71.5**
Del	733	2.5	132	770	5.2	192	51.0	12	649	1.2
Md	4,746	10.2	580	5,019	16.9	902	52.7	67	3,952	8.1
D.C	741	1.7	135	594	2.2	169	54.4	11	480	1.2
Va	5,772	10.3	589	6,254	19.1	955	52.4	79	5,017	9.1
W. Va	2,248	2.4	182	2,372	4.5	300	50.2	25	1,974	2.8
N.C	8,892	15.9	803	9,571	27.5	1,254	51.1	108	7,629	12.0
S.C	3,886	4.7	283	4,112	8.3	462	50.6	42	3,501	5.0
Ga	9,366	19.8	946	10,065	35.2	1,462	50.4	118	7,551	13.1
Fla	13,450	20.0	1,154	15,409	34.4	1,822	48.8	159	12,718	19.1
E.S.C	**20,630**	**33.3**	**1,698**	**21,844**	**63.9**	**2,860**	**50.5**	**248**	**17,772**	**36.6**
Ky	4,709	7.0	372	5,133	13.5	647	49.9	56	4,169	7.4
Tenn	7,002	14.8	682	7,406	29.3	1,127	50.9	93	5,851	15.9
Ala	5,434	7.5	423	5,713	14.2	705	50.7	64	4,709	8.1
Miss	3,485	3.9	221	3,592	7.0	380	50.0	36	3,043	5.3
W.S.C	**39,537**	**62.2**	**3,218**	**42,323**	**127.4**	**5,810**	**49.4**	**478**	**33,983**	**71.8**
Ark	3,560	3.4	204	3,665	6.8	362	50.6	34	3,183	5.1
La	6,418	9.8	544	6,800	19.6	956	50.1	81	5,558	12.5
Okla	5,205	6.8	350	5,488	13.4	639	50.3	53	4,496	7.7
Tex	24,334	42.2	2,120	26,370	87.7	3,853	49.0	310	20,746	46.5
Mt	**17,059**	**21.8**	**1,283**	**19,040**	**41.6**	**2,357**	**50.2**	**194**	**15,285**	**24.6**
Mont	1,796	1.6	92	1,815	3.0	162	49.7	14	1,512	2.0
Idaho	1,939	1.7	110	2,037	3.2	211	49.4	20	1,701	2.4
Wyo	803	.7	33	879	1.9	76	48.2	6	699	1.6
Colo	4,754	8.0	436	5,457	15.6	791	50.8	61	4,197	7.9
N. Mex	1,768	1.5	102	1,969	2.7	192	49.5	17	1,647	1.9
Ariz	3,097	4.4	271	3,587	8.1	471	50.0	39	2,877	4.4
Utah	2,086	2.9	174	2,301	5.4	328	51.4	27	1,807	3.0
Nev	816	.9	67	995	1.7	127	49.3	9	845	1.3
Pac	**45,397**	**90.0**	**5,105**	**50,917**	**170.7**	**8,478**	**47.6**	**601**	**40,379**	**95.6**
Wash	6,532	10.0	607	7,091	19.9	1,085	48.5	77	5,512	12.1
Oreg	4,591	9.3	463	4,904	18.1	765	48.3	54	3,899	11.4
Calif	32,431	68.6	3,866	36,704	128.6	6,334	47.3	449	29,223	70.0
Alaska	506	.6	44	649	1.6	116	51.6	6	484	.8
Hawaii	1,337	1.6	124	1,569	2.6	178	47.2	15	1,261	1.4

[1] Includes sales (or other) taxes and carrying charges or other charges for credit in 1972, but not for 1977.
[2] For week including March 12.

Source: U.S. Bureau of the Census, *Census of Wholesale Trade: 1972*, vol. II, and *1977, Geographic Area Series*, WC 77-A-1-52.

No. 1442. Merchant Wholesalers—Estimated Sales, by Kind of Business: 1970 to 1983

[In billions of dollars. Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III. See *Historical Statistics, Colonial Times to 1970*, series T 280–371, for related data]

KIND OF BUSINESS	1970	1975	1977	1978	1979	1980	1981	1982	1983, Jan.–June [1]
Merchant wholesalers	287.3	559.5	671.8	793.4	944.2	1,111.9	1,208.1	1,144.4	566.0
Durable goods, total [2]	127.2	229.5	297.3	362.4	424.0	472.1	509.7	457.7	230.9
Motor vehicles and automotive equipment	21.4	39.7	55.1	68.1	74.1	80.8	87.1	87.7	45.8
Furniture and homefurnishings	5.5	8.3	11.1	12.6	14.0	15.5	16.8	16.0	8.4
Electrical goods	15.0	22.7	30.4	36.4	42.0	48.0	52.5	54.6	29.5
Hardware, plumbing, and heating equipment	10.5	15.2	19.9	23.2	26.5	28.4	30.0	26.8	13.6
Machinery, equipment, and supplies	33.8	69.2	85.7	102.6	122.9	139.8	155.8	135.3	65.0
Nondurable goods, total [2]	160.1	329.9	374.6	431.0	520.2	639.8	698.3	686.6	335.1
Paper and paper products	7.4	11.2	15.0	17.0	19.2	21.6	23.6	22.8	11.8
Groceries and related products	54.4	95.8	111.6	127.8	141.5	159.5	171.6	179.8	94.2
Beer, wine, and distilled beverages	13.1	19.4	22.4	25.8	28.6	31.7	34.3	36.1	17.6

[1] Unadjusted for seasonal variations. [2] Includes kinds of business not shown separately.

No. 1443. Merchant Wholesalers—Inventories and Stock-Sales Ratios, by Kind of Business: 1970 to 1983

[Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III]

KIND OF BUSINESS	INVENTORIES [1] (bil. dol.)						STOCK-SALES RATIOS [3] (percent)					
	1970	1975	1980	1981	1982	1983, [2] June	1970	1975	1980	1981	1982	1983, [2] June
Merchant wholesalers	32.8	56.7	112.3	117.0	118.8	114.2	133	119	110	121	130	115
Durable goods, total [4]	19.7	36.7	71.7	76.7	78.5	75.0	184	184	172	187	208	177
Motor vehicles, automotive equipment	2.9	6.6	11.2	11.4	13.0	12.3	153	174	160	158	170	154
Furniture and home furnishings	.7	1.2	2.3	2.3	2.2	2.3	148	162	172	177	167	157
Electrical goods	2.3	3.5	7.2	8.3	8.8	8.6	184	171	169	193	189	153
Hardware, plumbing, heating equipment	1.8	2.7	4.8	4.9	5.0	5.0	197	207	199	210	211	203
Machinery, equipment, and supplies	6.8	13.0	27.3	29.6	29.4	28.2	243	222	222	229	271	245
Nondurable goods, total [4]	13.1	20.0	40.7	40.3	40.3	39.2	94	72	68	72	75	71
Paper and paper products	.7	1.0	1.8	2.0	1.9	2.1	111	100	94	104	98	101
Groceries and related products	2.4	4.4	7.5	7.5	8.2	8.5	54	56	53	52	54	51
Beer, wine, and distilled beverages	1.2	1.7	3.0	3.2	3.4	3.5	105	105	112	110	112	101

[1] As of end of year, except 1983. [2] Unadjusted for seasonal variations. [3] Based on December adjusted sales and inventory estimates, except 1983. [4] Includes kinds of business not shown separately.

Source of tables 1442 and 1443: U.S. Bureau of the Census, *Current Business Reports*, series BW, *Monthly Wholesale Trade.*

No. 1444. Selected Services—Summary: 1948 to 1977

[Prior to 1958, excludes Alaska and Hawaii. 1972 and 1977 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 43–47 and T 391–401]

ITEM	Unit	1948	1954	1958	1963	1967	1972	1977
Firms, total	1,000	(NA)	(NA)	(NA)	1,017	1,136	[1] 1,525	[1] 1,764
Single unit establishments	1,000	(NA)	751	928	1,001	1,130	[1] 1,505	[1] 1,745
Multiunit establishments [2]	1,000	(NA)	35	51	61	58	[1] 85	[1] 90
Establishments, total	1,000	665	786	979	1,062	1,188	[1] 1,590	[1] 1,835
With payroll	1,000	370	375	444	504	521	684	725
Receipts, total	Bil. dol.	13.3	23.5	32.5	44.6	60.5	[1] 113.0	[1] [3] 179.5
For establishments with payroll	Bil. dol.	12.2	21.3	29.1	41.0	55.5	103.2	164.2
Average receipts per establishment	$1,000	32.9	50.7	65.5	81.3	106.5	151.0	226.5
For establishments without payroll	Bil. dol.	1.1	2.2	3.4	3.6	5.0	9.7	15.3
Average receipts per establishment	$1,000	3.8	5.5	6.3	6.4	7.5	10.7	13.8
By multiunit establishments [2]	Bil. dol.	(NA)	5.7	9.2	13.9	22.0	37.8	63.5
Percent of total receipts	Percent	(NA)	24.3	28.3	31.1	36.4	33.5	35.4
Payroll entire year	Bil. dol.	4.2	6.5	9.0	12.2	17.5	[1] 33.4	[1] 56.1
Paid employees, March 12 workweek [4]	1,000	2,100	2,362	2,904	3,262	3,841	[1] 5,305	[1] 6,337
Active proprietors of unincorporated businesses	1,000	667	781	996	1,017	1,082	(NA)	(NA)

NA Not available. [1] Includes architectural, engineering, surveying, legal services, and dental labs. [2] Establishments operated by firms at two or more locations. [3] 1977 receipts reflect commissions, fees, and other income of advertising agencies rather than gross billings as in previous censuses. (For 1972, the comparable receipts figure is $105.4 billion.) [4] 1948–1963 data for Nov. 15 workweek.

Source: U.S. Bureau of the Census, *U.S. Census of Business: 1948*, vol. VI; *1954*, vol. V; *1958*, vol. V; *1963*, vol. VI; *1967*, vol. V, Part 1; and *Census of Selected Service Industries, 1972*, vol. I, and *1977*, SC 77-A-52.

NO. 1445. SELECTED SERVICES—RECEIPTS, BY KINDS OF BUSINESS: 1972 TO 1982

[**In billions of dollars.** Data for 1972–1981 based on monthly estimates and reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III. Comparisons of 1981 and 1982 data based on the Annual Survey with 1972–1981 data based on monthly estimates should be made with caution since the Annual Survey is based on a different sample of firms]

KIND OF BUSINESS	1972	1975	1977	1978	1979	1980	1981	1981 [1]	1982 [1]
Selected services, total	**93.4**	**123.0**	**159.2**	**181.4**	**210.1**	**237.5**	**137.8**	**148.4**	**153.0**
Excluding business services	55.7	72.4	91.5	103.2	116.5	126.3	(x)	(x)	(x)
Hotels, motels, tourist courts, camps, and trailering parks	10.6	13.7	17.2	20.2	23.5	25.1	27.9	28.1	29.2
Hotels, motels, and tourist courts	10.0	13.0	16.4	19.4	22.2	23.6	26.6	26.7	27.7
Personal services [2]	13.9	15.7	16.4	20.3	22.2	23.6	25.3	27.5	28.6
Laundry, cleaning, and garment services	5.7	6.0	6.8	7.5	8.1	8.8	9.1	9.3	9.6
Beauty shops	3.0	3.4	4.2	4.7	5.2	5.4	5.7	5.8	6.0
Barber shops	.9	.9	1.1	1.1	1.2	1.2	1.2	1.2	1.2
Business services	37.8	50.6	67.7	78.2	93.6	111.2	(NA)	(NA)	(NA)
Advertising	10.6	12.8	17.2	19.9	23.3	25.5	(NA)	(NA)	(NA)
Automotive repair, services, and garages	12.0	16.6	21.4	24.9	29.3	32.1	34.0	36.9	38.6
Automotive repair shops	7.0	10.6	13.4	15.2	17.7	18.7	19.8	20.8	22.1
Miscellaneous repair services	5.8	8.9	12.7	14.6	15.8	17.2	18.9	18.4	17.4
Amusement and *recreation* services, incl. motion pictures	13.4	17.6	21.8	23.2	25.8	28.3	31.7	37.4	39.2

NA Not available. X Not applicable. [1] Based on annual survey. [2] Includes services not shown separately.

Source: U.S. Bureau of the Census, Current Business Reports, series BS, Monthly Selected Services Receipts and 1982 Service Annual Survey.

NO. 1446. HOTEL AND MOTOR HOTEL OPERATIONS—OCCUPANCY RATIO, SALES INDEXES, AND ROOM RATE INDEX: 1960 TO 1982

[*Annual averages of monthly figures. Based on monthly reports from lodging establishments (approximately 1400 in 1981). Prior to 1980, economy operations were excluded. See table 1447*]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
***Occupancy ratio* (percent)**	**65**	**62**	**55**	**66**	**65**	**62**	**66**	**68**	**72**	**71**	**68**	**67**	**65**
Sales indexes (1967 = 100):													
Total sales	94	94	107	121	128	132	147	163	188	210	234	251	256
Room sales	90	91	112	129	137	145	164	185	218	249	283	305	313
Restaurant sales	97	97	100	112	118	119	129	139	156	167	180	191	193
Room rate index (1967 = 100)	**86**	**91**	**125**	**139**	**150**	**165**	**178**	**194**	**220**	**255**	**295**	**326**	**348**

Source: Laventhol & Horwath, Philadelphia, Pa., *National Trend of Business in the Lodging Industry*, monthly. (Copyright, 1982, by Laventhol & Horwath.)

NO. 1447. FULL-SERVICE AND ECONOMY LODGING INDUSTRIES—SUMMARY: 1980 TO 1982

[*An economy lodging establishment offers clean, standard-sized, fully-furnished modern rooms at usually $10.00 to $20.00 per night below the rate of typical full-service motor hotels. Their customers do not need food facilities, banquet rooms or meeting facilities, indoor recreation areas, or entertainment. Based on Annual Surveys of Lodging Establishments. Covers approximately 600 full-service establishments and 300 economy establishments in 1982*]

ITEM	FULL-SERVICE			ECONOMY		
	1980	1981	1982	1980	1981	1982
Room occupancy rate	70.4	70.1	66.0	77.2	76.5	65.7
Average room rate (dol.)	37.67	39.14	43.55	16.52	18.51	21.97
Sales per available room (dol.)	15,271	15,364	16,519	4,894	5,507	5,470
Payroll and related expenses per available room (dol.)	4,868	4,531	5,334	1,217	1,217	1,101
Ratio of net income before income tax to sales	9.8	9.7	7.0	22.0	24.7	24.1
Employees [1] per 100 available rooms	61.6	63.0	55.8	15.6	12.5	(NA)
Sales per employee [1] (dol.)	34,753	36,329	37,061	31,842	42,427	(NA)
Composition of market—(percent)						
Business travelers	40.4	41.0	37.0	43.7	51.7	48.3
Tourists	27.5	26.1	32.6	39.3	33.7	34.9
Conference participants	19.1	21.0	21.2	1.6	2.0	2.3
Percent advanced reservations	77.1	81.8	77.5	20.9	26.8	21.7

NA Not available. [1] Full-time equivalent employees.

Source: Laventhol & Horwath, Philadelphia, Pa., *U.S. Lodging Industry*, annual; and *U.S. Economy Lodging Industry*, annual.

NO. 1448. SELECTED SERVICES, BY KIND OF BUSINESS: 1972 AND 1977

KIND OF BUSINESS	ESTABLISHMENTS WITH PAYROLL, 1972		ALL ESTABLISHMENTS, 1977		ESTABLISHMENTS WITH PAYROLL, 1977			
	Receipts [1] (mil. dol.)	Paid employees [2] (1,000)	Number (1,000)	Receipts [1] (mil. dol.)	Number (1,000)	Receipts [1] (mil. dol.)	Payroll entire year (mil. dol.)	Paid employees [2] (1,000)
Selected services	[3] 95,676	5,305.2	1,634.7	179,515	725.1	164,219	56,055	6,337.3
Hotels, motels, trailering parks, camps	10,197	726.6	70.7	18,453	41.6	17,893	5,130	905.9
Hotels	4,745	347.0	12.5	9,884	10.4	9,837	3,094	484.2
Motels, motor hotels, tourist courts	5,089	364.1	39.3	7,835	26.7	7,578	1,933	409.9
Motels and tourist courts	3,854	273.1	(NA)	(NA)	24.3	5,736	1,409	305.5
Motor hotels	1,234	91.0	(NA)	(NA)	2.4	1,842	524	104.4
Sporting, recreational camps	225	10.5	5.3	277	2.2	230	59	5.6
Trailering parks, campsites for transients	139	5.0	13.5	457	2.2	247	44	6.2
Personal services	11,692	976.7	512.1	18,433	170.2	15,297	5,478	910.4
Laundry, cleaning, other garment services	5,334	468.3	75.4	6,829	46.5	6,326	2,288	361.0
Photographic studios	542	26.4	37.1	1,185	6.2	841	215	29.8
Beauty shops	2,418	279.3	196.1	4,274	74.5	3,392	1,634	289.0
Barber shops	394	36.2	66.6	992	11.5	433	182	27.7
Shoe repair, shoe shine, etc	126	8.6	9.6	239	3.1	150	40	7.2
Funeral service, crematories	2,071	70.2	19.6	2,827	15.1	2,652	639	71.8
Misc. personal services	807	85.8	105.7	2,088	13.1	1,503	480	124.0
Business services	[3] 27,932	1,759.4	458.2	54,500	154.8	49,999	20,852	2,297.4
Advertising	[3] 2,781	111.5	32.9	4,983	10.9	4,483	1,921	118.8
Service to dwellings, other buildings	2,307	333.5	67.3	4,597	26.3	4,210	2,256	426.3
Computer, data processing services	3,411	127.4	16.1	7,576	10.3	7,476	2,833	203.9
Management, consulting, public relations	3,549	143.2	143.8	8,343	24.7	6,653	2,839	208.8
Equipment rental, leasing services	2,205	60.8	29.3	5,102	12.0	4,729	1,086	87.2
Other business services [4]	13,679	983.0	168.9	23,898	70.6	22,448	9,918	1,252.5
Credit reporting, collection agencies	803	63.1	(NA)	(NA)	6.1	1,236	539	64.2
Direct mail advertising services	538	33.3	(NA)	(NA)	1.7	843	276	31.5
Commercial photography, art, graphics	882	35.1	(NA)	(NA)	7.8	1,719	588	46.0
Temporary help supply services	918	179.2	(NA)	(NA)	4.2	2,324	1,703	331.5
Commercial research, development labs [5]	1,764	72.5	(NA)	(NA)	1.8	2,026	843	48.5
Detective agencies, protective services	1,420	212.0	(NA)	(NA)	7.1	2,615	1,598	279.9
Photofinishing laboratories	1,165	44.4	(NA)	(NA)	3.0	1,873	523	64.3
Auto repair, services, garages	10,929	392.5	200.2	21,576	106.2	19,659	4,456	483.2
Automotive repair shops	6,134	267.9	154.2	12,770	80.7	11,283	3,090	316.3
General auto repair	2,569	98.2	87.0	5,633	37.2	4,641	1,173	126.3
Top and body repair	1,578	65.7	38.8	3,246	22.6	2,907	874	87.9
Other auto repair	1,988	74.0	28.4	3,891	20.9	3,735	1,043	100.0
Automotive rental and leasing, without drivers	3,486	62.7	12.4	6,407	8.7	6,290	834	75.5
Auto parking	711	37.3	8.9	1,008	8.2	992	211	33.9
Automotive services, exc. repair	597	54.7	24.7	1,391	8.7	1,092	320	57.6
Miscellaneous repair services	4,836	206.8	162.9	11,028	55.0	9,558	2,992	279.1
Electrical, electronic repair shops	1,729	74.4	52.5	3,581	19.1	3,077	1,001	95.2
Reupholstery, furniture repair	334	19.1	24.6	721	7.1	516	158	22.2
Other repair shops, related services	2,772	113.3	85.8	6,726	28.7	5,966	1,833	161.8
Amusement, recreation services, incl. motion pictures [4]	12,660	653.0	176.8	21,143	61.8	19,756	5,272	660.3
Motion picture prod., distribution, services	2,857	64.7	10.7	5,412	5.5	5,314	1,377	88.4
Motion picture theaters	1,816	127.4	11.8	2,606	10.7	2,570	462	112.2
Producers, orchestras, entertainers [5]	1,111	58.4	67.7	2,361	6.7	1,768	524	50.1
Bowling alleys, billiards, pool establishments	1,142	94.9	11.3	1,768	8.0	1,702	490	108.1
Other amusement and recreation services [4]	5,735	307.7	75.2	8,997	30.9	8,401	2,419	301.5
Membership sports and recreation clubs [5]	1,599	116.5	(NA)	(NA)	6.3	1,148	385	59.5
Museums, botanical and zoological gardens (commercial) [5]	(NA)	(NA)	(NA)	(NA)	.5	97	28	3.8
Dental laboratories	519	29.8	10.3	948	6.3	862	367	35.6
Legal services [6]	[7] 9,724	267.7	167.9	[8] 18,696	94.9	[8] 17,147	5,217	392.0
Engineering, architecture, surveying	7,186	292.6	75.6	14,737	34.4	14,049	6,292	373.2

NA Not available. [1] Includes sales, occupancy, admissions, or other taxes collected from customers and forwarded to taxing authorities in 1972, but not in 1977. [2] Week including Mar. 12. [3] Adjusted to reflect changes in measuring 1977 receipts data for advertising agencies. [4] Includes other services not shown separately. [5] 1972 not strictly comparable with 1977 since 1977 data are only for establishments paying Federal income taxes. For data pertaining to tax-exempt establishments, see table 1450. [6] Includes expense-sharing associations in 1977. [7] For services rendered in 1972, whether or not payment received in 1972. [8] For payments received in 1977, regardless of when services provided.

Source: U.S. Bureau of the Census, *Census of Selected Service Industries: 1972*, vol. I, and *1977*, U.S. Summary, SC 77-A-52.

No. 1449. Selected Service Industries—Summary, by States: 1977

[Discrepancies in figures identified after tabulation process was completed have been corrected only at level significantly affected; hence, detail may not add to total]

Division and state	All establishments		Establishments with payroll				Business services		Personal services		Automotive repair, services, and garages	
	Number (1,000)	Receipts (mil. dol.)	Number (1,000)	Receipts (mil. dol.)	Payroll, entire year (mil. dol.)	Paid employees [1] (1,000)	Establishments	Receipts (mil. dol.)	Establishments	Receipts (mil. dol.)	Establishments	Receipts (mil. dol.)
U.S.	**1,834.7**	**179,515**	**725.1**	**164,219**	**56,055**	**6,337.3**	**458,232**	**54,500**	**512,140**	**18,433**	**200,153**	**21,576**
N.E	**110.9**	**9,291**	**42.7**	**8,348**	**2,878**	**334.1**	**29,863**	**3,065**	**27,318**	**1,016**	**10,692**	**1,127**
Maine	10.4	527	3.7	456	131	18.2	1,668	70	2,943	65	1,346	106
N.H	8.9	547	3.2	477	152	20.2	1,987	102	2,226	65	982	79
Vt	5.1	299	1.9	263	81	13.8	940	42	1,290	30	579	31
Mass	52.6	5,025	19.5	4,549	1,621	175.9	15,020	1,830	12,589	504	4,876	532
R.I	7.5	534	3.2	476	166	20.9	1,689	158	2,200	74	824	81
Conn	26.4	2,359	11.2	2,127	727	85.1	8,559	863	6,070	278	2,085	298
M.A	**307.7**	**35,976**	**124.6**	**33,262**	**11,541**	**1,154.7**	**84,859**	**12,942**	**81,203**	**3,107**	**30,615**	**3,481**
N.Y	156.8	21,327	64.5	19,954	6,891	631.8	46,628	8,250	38,096	1,562	12,505	1,629
N.J	60.2	6,243	26.8	5,711	2,062	218.7	18,649	2,257	13,860	626	5,907	746
Pa	90.7	8,406	33.3	7,597	2,588	304.2	19,582	2,435	29,247	919	12,203	1,106
E.N.C	**311.1**	**29,361**	**119.0**	**26,727**	**9,223**	**1,046.6**	**76,123**	**8,982**	**92,328**	**3,598**	**32,683**	**4,007**
Ohio	76.9	7,060	31.4	6,446	2,194	267.8	17,236	1,895	22,489	996	8,811	1,070
Ind	41.3	2,766	14.7	2,447	781	106.3	6,130	651	14,497	450	5,076	493
Ill	96.9	10,567	34.1	9,644	3,396	347.0	28,109	3,844	28,806	1,092	8,650	1,093
Mich	60.6	6,389	24.9	5,882	2,059	218.9	14,268	1,925	17,317	771	6,487	981
Wis	35.4	2,579	13.9	2,308	793	106.6	8,380	667	9,219	349	3,659	370
W.N.C	**153.2**	**10,959**	**54.2**	**9,762**	**3,232**	**417.9**	**30,392**	**2,951**	**51,132**	**1,416**	**18,463**	**1,649**
Minn	34.2	2,785	11.8	2,514	882	109.6	6,897	818	10,541	332	3,671	360
Iowa	27.3	1,560	9.2	1,347	409	60.2	5,315	347	9,838	290	3,429	281
Mo	43.5	3,748	15.7	3,401	1,157	136.0	10,161	1,155	14,224	431	5,290	524
N. Dak	5.4	319	2.0	279	88	12.6	776	54	1,753	49	645	56
S. Dak	6.4	309	2.3	263	73	11.5	787	42	2,137	46	781	49
Nebr	14.8	976	5.5	863	280	40.1	2,506	233	5,034	126	1,914	173
Kans	21.6	1,262	7.7	1,095	343	47.9	3,950	302	7,605	202	2,733	206
S.A	**273.5**	**26,219**	**116.7**	**24,145**	**8,329**	**1,034.5**	**63,503**	**7,156**	**77,925**	**2,859**	**30,983**	**3,174**
Del	4.4	407	1.9	376	127	16.6	1,062	129	1,245	43	458	55
Md	32.9	3,358	12.6	3,093	1,214	132.0	9,441	1,253	8,845	351	2,778	346
D.C	8.6	1,842	4.0	1,760	631	60.4	3,114	575	1,757	95	561	107
Va	36.8	3,613	15.9	3,365	1,220	138.0	9,139	1,217	10,820	422	3,865	412
W. Va	11.4	824	4.7	749	231	30.8	1,668	131	4,069	127	1,391	100
N.C	41.1	2,752	16.6	2,471	790	112.7	6,942	601	14,757	458	5,996	464
S.C	19.6	1,420	8.5	1,285	415	60.8	3,280	252	6,663	199	2,687	195
Ga	36.9	3,454	16.0	3,184	1,048	133.6	7,824	929	11,544	388	4,826	495
Fla	81.8	8,549	36.5	7,862	2,653	349.6	21,033	2,068	18,225	776	8,421	1,000
E.S.C	**92.7**	**6,910**	**38.1**	**6,211**	**2,022**	**274.6**	**16,207**	**1,714**	**31,423**	**1,003**	**12,319**	**1,047**
Ky	24.0	1,597	8.8	1,396	435	63.2	4,171	323	8,074	265	3,138	217
Tenn	32.2	2,729	13.2	2,481	838	106.8	5,940	816	10,592	365	4,120	397
Ala	21.9	1,696	10.0	1,548	511	68.1	3,851	416	7,516	298	3,096	277
Miss	14.6	888	6.1	786	238	36.5	2,245	160	5,241	135	1,965	156
W.S.C	**180.9**	**16,928**	**74.1**	**15,437**	**5,074**	**612.1**	**40,056**	**4,929**	**53,548**	**1,848**	**23,501**	**2,112**
Ark	16.4	922	6.3	798	233	36.0	2,461	162	5,635	145	2,610	196
La	27.5	2,941	12.0	2,712	858	108.4	5,507	899	8,162	255	3,219	295
Okla	25.7	1,661	9.4	1,447	466	61.1	5,272	439	8,466	226	3,322	246
Tex	111.3	11,404	46.4	10,480	3,517	406.6	26,816	3,429	31,285	1,222	14,350	1,375
Mt	**100.7**	**10,727**	**40.6**	**9,943**	**3,316**	**391.6**	**24,520**	**2,454**	**24,622**	**825**	**11,044**	**1,097**
Mont	8.0	449	3.0	386	114	17.8	1,413	68	2,067	52	1,035	72
Idaho	8.1	569	2.9	505	209	22.3	1,547	197	2,235	58	997	71
Wyo	4.8	373	2.1	334	92	12.5	847	54	1,097	28	519	45
Colo	30.1	2,481	11.7	2,246	757	94.3	8,007	696	7,567	242	3,036	324
N. Mex	9.7	1,059	4.3	992	351	36.0	2,129	496	2,339	77	1,233	99
Ariz	20.6	1,853	8.7	1,687	557	75.9	5,733	496	4,442	190	2,282	254
Utah	11.4	838	4.3	756	244	33.5	2,817	230	3,203	86	1,251	135
Nev	8.0	3,105	3.6	3,037	992	99.3	2,027	217	1,672	92	691	97
Pac	**304.1**	**33,143**	**115.0**	**30,383**	**10,442**	**1,071.2**	**92,709**	**10,308**	**72,641**	**2,763**	**29,853**	**3,881**
Wash	34.4	2,984	13.2	2,726	892	98.2	8,299	923	9,176	301	3,715	386
Oreg	23.1	1,752	8.7	1,565	507	65.4	5,532	476	5,999	208	2,670	262
Calif	234.2	26,617	88.3	24,407	8,484	844.7	75,178	8,602	54,695	2,139	22,149	3,015
Alaska	4.4	514	1.5	469	169	13.5	1,349	134	844	32	455	54
Hawaii	8.0	1,276	3.3	1,216	390	49.4	2,351	173	1,927	83	864	164

[1] Week including Mar. 12.

Source: U.S. Bureau of the Census, *Census of Service Industries, 1977*, Geographic Area Series, SC 77-A-1 through 52.

No. 1450. Selected Taxable and Tax-Exempt Service Industries—Summary: 1977

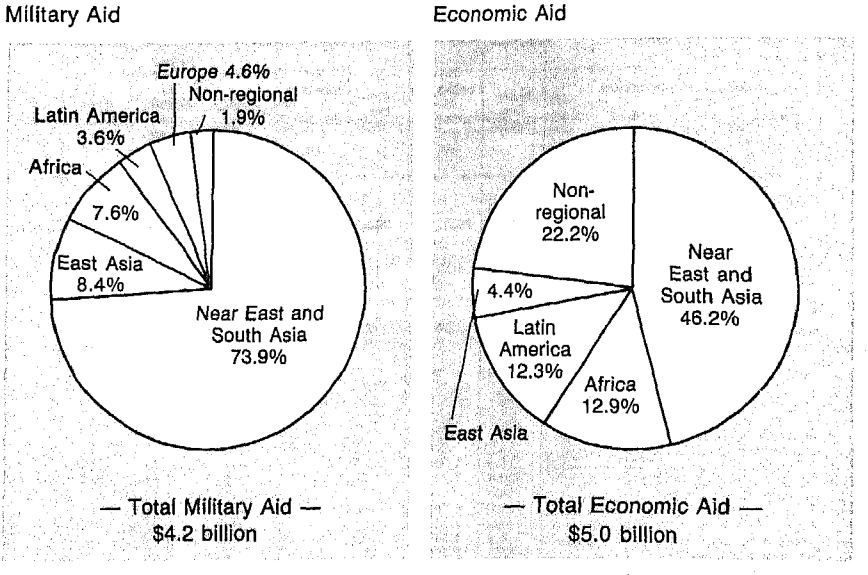
[Covers taxable service industry establishments covered for the first time in the 1977 Census of Service Industries and also tax-exempt service industry establishments with payroll. Establishments indicating all or part of their income was exempt from Federal income tax under provisions of section 501 or 521 of the IRS code were classified as tax-exempt]

Kind of business or operation	All establishments		Establishments with payroll					
					Payroll			
	Number (1,000)	Receipts or expenses [1] (mil. dol.)	Number (1,000)	Receipts or expenses [1] (mil. dol.)	Entire year (mil. dol.)	As percent of receipts or expenses [1]	First quarter (mil. dol.)	Paid employees [2] (1,000)
Taxable service industries								
Total	**944.2**	**76,211.6**	**363.7**	**68,122.7**	**27,766.4**	**40.8**	**6,653.5**	**2,587.6**
Arrangement of passenger transportation [3]	**19.4**	**1,727.3**	**13.2**	**1,599.8**	**631.5**	**39.5**	**146.7**	**69.8**
Travel agencies	(NA)	(NA)	10.9	1,131.0	463.0	40.9	107.4	52.3
Tour operators	(NA)	(NA)	1.2	353.5	123.5	34.9	29.0	11.5
Rooming, boarding, and membership lodging	**9.0**	**301.9**	**3.1**	**234.4**	**59.5**	**25.4**	**16.8**	**12.7**
Rooming and boarding houses	(NA)	(NA)	2.4	182.6	46.0	25.2	13.3	9.8
Organization hotels and lodging houses, on a membership basis	(NA)	(NA)	.7	51.8	13.5	26.1	3.5	2.9
Health services, except dental labs [3 4]	***433.8***	***58,181.9***	***272.4***	***54,645.9***	***22,378.8***	***41.0***	***5,334.0***	***1,986.0***
Physicians offices	189.1	28,756.5	136.2	26,948.8	11,854.5	44.0	2,833.0	624.0
Dentist offices	99.3	10,007.2	82.7	9,528.7	3,043.9	31.9	727.1	284.4
Osteopathic physicians offices	5.9	776.3	5.2	755.0	307.7	40.8	72.9	20.3
Chiropractors offices	14.3	679.7	7.6	536.2	110.0	20.5	27.3	15.6
Optometrists offices	16.6	1,551.9	12.1	1,397.6	288.1	20.7	69.3	32.2
Nursing and personal care facilities	30.4	7,343.7	10.8	7,194.9	3,549.4	49.3	840.5	662.9
Skilled nursing care facilities	(NA)	(NA)	5.7	5,191.0	2,586.5	49.8	611.0	462.0
Hospitals	1.0	4,743.9	1.0	4,743.9	1,793.3	37.8	426.2	202.8
Gen. medical and surgical hospitals	(NA)	(NA)	.8	4,281.8	1,595.1	37.3	380.3	180.4
Medical laboratories	5.4	1,510.7	4.4	1,484.8	593.0	39.9	142.6	52.3
Educational services [3 4]	**85.1**	**2,278.0**	**9.1**	**1,806.2**	**706.4**	**39.1**	**172.9**	**94.8**
Elementary and secondary schools [5]	(NA)	(NA)	2.2	273.1	144.5	52.9	38.2	25.8
Colleges, univer., prof. schools, junior colleges	(NA)	(NA)	.1	150.6	69.1	45.9	16.2	7.8
Correspondence and vocational schools	(NA)	(NA)	2.6	841.0	302.2	35.9	72.8	34.1
Voc. schools, exc. voc. high, n.e.c. [6]	(NA)	(NA)	1.5	436.4	152.9	35.0	36.1	17.1
Schools and educational services, n.e.c. [6]	(NA)	(NA)	4.0	531.5	185.7	34.9	44.3	26.2
Social and miscellaneous services [3 4]	**396.9**	**13,722.6**	**65.8**	**9,836.3**	**3,990.2**	**40.6**	**983.2**	**422.3**
Accounting, auditing, bookkeeping services	126.1	7,990.5	39.3	7,276.9	2,917.2	40.1	723.6	230.9
Social and other miscellaneous services	270.7	5,732.1	26.4	2,559.4	1,072.9	41.9	259.5	191.4
Social services	(NA)	(NA)	23.1	2,038.5	865.9	42.5	208.1	177.4
Child day care services	(NA)	(NA)	14.2	759.6	338.8	44.6	85.3	87.5
Tax-exempt service industries [3]								
Total	(X)	(X)	***165.6***	***85,371.6***	***41,690.9***	***48.8***	***9,949.5***	***4,950.5***
Sporting and recreational camps	(X)	(X)	**.8**	**82.7**	**28.1**	**34.0**	**5.0**	**3.1**
Organization hotels and lodging houses, on membership basis	(X)	(X)	**3.1**	**219.9**	**50.9**	**23.2**	**14.2**	**13.3**
Miscellaneous business services	(X)	(X)	**.4**	**1,214.4**	**594.7**	**49.0**	**140.7**	**35.6**
Commercial research and development labs [7]	(X)	(X)	.3	1,148.2	555.3	48.4	131.4	32.3
Selected amusement, rec., services	(X)	(X)	**7.1**	**2,130.1**	**940.3**	**44.1**	**199.8**	**121.6**
Producers, orchestras, entertainers [7]	(X)	(X)	1.2	524.1	245.7	46.9	61.5	27.2
Membership, sports, rec. clubs [7]	(X)	(X)	5.9	1,606.0	694.6	43.3	138.3	94.4
Health services [8]	(X)	(X)	**12.3**	**43,960.8**	**22,848.7**	**52.0**	**5,439.2**	**2,431.0**
Hospitals	(X)	(X)	3.6	39,196.7	20,332.6	51.9	4,843.6	2,098.0
Legal aid societies and similar legal services	(X)	(X)	**1.1**	**259.0**	**153.2**	**59.2**	**34.6**	**12.4**
Educational services [3 8]	(X)	(X)	**9.2**	**14,026.2**	**7,224.4**	**51.5**	**1,763.4**	**932.3**
Elementary and secondary schools [3]	(X)	(X)	3.3	1,296.1	744.6	57.4	190.4	99.4
Colleges, univ., prof. schools, junior colleges	(X)	(X)	1.8	12,027.6	6,164.3	51.3	1,497.0	783.6
Social services [3 8]	(X)	(X)	**41.0**	**8,294.9**	**4,124.2**	**49.7**	**962.3**	**676.5**
Individual and family social services	(X)	(X)	12.4	2,236.9	1,143.4	51.1	266.0	167.4
Job training, vocational rehabilitation services	(X)	(X)	3.4	1,048.4	610.7	58.3	133.9	138.4
Child day-care services	(X)	(X)	10.6	829.2	494.8	59.7	123.6	102.4
Residential care	(X)	(X)	5.6	1,857.4	860.8	47.4	209.6	135.1
Museums, art galleries, botanical, and zoological gardens [7]	(X)	(X)	**2.3**	**613.1**	**267.0**	**43.5**	**62.4**	**32.6**
Noncommercial	(X)	(X)	1.8	483.1	210.6	43.6	50.3	25.4
Commercial	(X)	(X)	.4	130.0	56.3	43.3	12.1	7.2
Membership organiz., exc. religious [3]	(X)	(X)	**82.7**	**12,067.8**	**4,407.2**	**36.5**	**1,075.0**	**600.1**
Business associations	(X)	(X)	11.7	2,308.4	821.6	35.6	200.6	68.8
Professional membership organizations	(X)	(X)	4.9	1,284.6	432.3	33.7	104.7	34.6
Labor unions and similar labor organizations	(X)	(X)	23.4	3,468.4	1,303.7	37.6	316.6	179.0
Civic, social, and fraternal associations	(X)	(X)	34.1	3,606.5	1,341.5	37.2	330.7	255.9
Noncommercial educational, scientific, and research organizations	(X)	(X)	**1.9**	**1,437.3**	**594.7**	**41.4**	**146.9**	**47.8**

NA Not available. X Not applicable. [1] Pertains to receipts for taxable establishments and expenses for tax-exempt establishments. [2] For the week including March 12. [3] Includes other kinds of businesses, not shown separately. [4] For similar data on tax-exempt establishments, see below. [5] Excludes schools operated by religious *organizations*. [6] *N.e.c.=Not elsewhere classified.* [7] For similar data on taxable establishments, see table 1463. [8] For similar data on taxable establishments, see above.

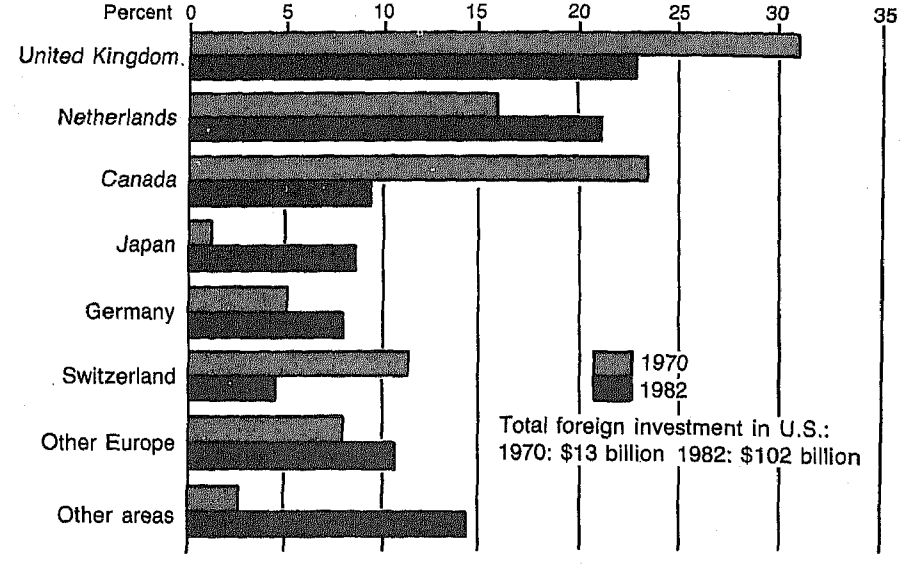
Source: U.S. Bureau of the Census, *Census of Service Industries, 1977,* Geographic Area Series, SC 77-A-53.

Figure 31.1
U.S. Foreign Aid, by Region: 1982

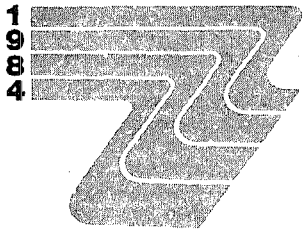


Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1464 and 1465.

Figure 31.2
Foreign Direct Investment in the U.S. — Percent Distribution by Area: 1970 and 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1456.



Section 31

Foreign Commerce and Aid

This section presents data on the flow of goods, services, and capital between the United States and other countries; changes in official reserve assets of the United States; international investments; foreign assistance programs; and import duties.

The Bureau of Economic Analysis publishes current figures on U.S. international transactions and the U.S. international investment position in its monthly *Survey of Current Business.* Figures for earlier periods are presented in *Balance of Payments—Statistical Supplement,* 1963 revised edition, in the periodic *Foreign Grants and Credits by the United States Government,* and in the June issues of the *Survey of Current Business.* Statistics for the foreign aid programs are presented by the Agency for International Development (AID) in its annual *U.S. Overseas Loans and Grants and Assistance from International Organizations;* and by the Department of Agriculture in its *Foreign Agricultural Trade of the United States.*

The principal source of merchandise import and export data is the Bureau of the Census. Current data are presented monthly in Report FT 135, *U.S. General Imports, Schedule A: Commodity by Country;* Report FT 410, *U.S. Exports, Schedule E: Commodity by Country;* and Report FT 990, *Highlights of U.S. Export and Import Trade.* The *Bureau of the Census Catalog* and the *Guide to Foreign Trade Statistics* lists the Bureau's monthly and annual reports in this field. In addition, the International Trade Administration and the Bureau of Economic Analysis present summary as well as selected commodity and country data for U.S. foreign trade in the *Overseas Business Reports* and the *Survey of Current Business,* respectively. The merchandise trade data in the latter source include balance of payments adjustments to the Census data. The Treasury Department's *Annual Report of the Secretary* contains information on import duties.

International accounts.—The international transactions tables (Nos. 1451–1453) show, for given time periods, the transfer of goods, services, grants, and financial assets and liabilities between the United States and the rest of the world. The international investment position table (No. 1454) presents, for specific dates, the value of U.S. investments abroad and of foreign investments in the United States. The movement of foreign and U.S. capital as presented in the balance of payments is not the only factor affecting the total value of foreign investments. Among the other factors, are changes in the valuation of assets or liabilities, including securities, defaults, expropriations, and write-offs.

Direct investment abroad means ownership or control, direct or indirect, by one U.S. person or business enterprise of 10 percent or more of the voting securities of an incorporated foreign business enterprise or an equivalent interest in an unincorporated foreign business enterprise. Direct investment position is the yearend value of U.S. parents' claims on the equity of, and receivables due from, foreign affiliates less foreign affiliates' receivables due from the United States. Income consists of U.S. parents' shares in earnings (net of foreign income taxes) of their foreign affiliates plus net interest on intercompany accounts, less withholding taxes on dividends and interests.

Foreign aid.—Foreign assistance is divided into three major categories—grants (military supplies and services and other grants), credits, and other assistance (through net accumulation of foreign currency claims from the sale of agricultural commodities). *Grants* are transfers for which no payment is expected (other than a limited percentage of the foreign currency "counterpart" funds generated by the grant), or which at most involve an obligation on the part of the receiver to extend aid to the United States or other countries to achieve a common objective. *Credits* are loan disbursements or transfers under other agreements which give rise to specific obligations to repay, over a period of years, usually with interest. All known returns to the U.S. Government stemming from grants and credits (reverse grants, returns of grants, and payments of principal) are taken into account in net grants and net credits, but no allowance is made for interest or commissions. *Other assistance* represents the transfer of U.S. farm products in exchange for foreign currencies (plus, since enactment of Public Law 87-128, currency claims from principal and interest collected on credits extended under the farm products program), *less* the Government's disbursements of the currencies as grants, credits, or for purchases. The net acquisition of currencies represents net

transfers of resources to foreign countries under the agricultural programs, in addition to those classified as grants or credits.

Figures as published in the *Foreign Grants and Credits* series are not identical with figures shown for Government unilateral transfers and capital in the balance of payments, mainly because of differences in treatment of particular items by the two sets of accounts. Such items include contributions to the multilateral construction program of the North Atlantic Treaty Organization, government investments in certain productive enterprises abroad, government receipts on funded claims, and net changes in foreign currency holdings resulting from transactions other than those under the farm products program, such as collections of principal and interest and purchases for dollars.

The basic instrument for extending military aid to friendly nations has been the Mutual Defense Assistance Program authorized by the Congress in 1949. Prior to 1952, economic and technical aid was authorized in the Foreign Assistance Act of 1948, the 1950 Act for International Development, and other legislation which set up programs for specific countries. In 1952, these economic, technical, and military aid programs were combined under the Mutual Security Act, which in turn was followed by the Foreign Assistance Act passed in 1961. Appropriations to provide military assistance were also made in the Department of Defense Appropriation Act (rather than the Foreign Assistance Appropriation Act) beginning in 1966 for certain countries in Southeast Asia and in other legislation concerning programs for specific countries (such as Israel). Figures on activity under the Foreign Assistance Act as reported in the *Foreign Grants and Credits* series differ from data published by AID or its immediate predecessors, due largely to differences in reporting, timing, and treatment of particular items.

Exports.—The Bureau of the Census compiles export data primarily from Shipper's Export Declarations required to be filed with customs officials for shipments leaving the United States. They include U.S. exports under mutual security programs and exclude shipments to U.S. Armed Forces for their own use.

The value reported in the export statistics is generally equivalent to a free alongside ship (f.a.s.) value at the U.S. port of export, based on the transaction price, including inland freight, insurance, and other charges incurred in placing the merchandise alongside the carrier at the U.S. port of exportation. This value, as defined, excludes the cost of loading merchandise aboard the exporting carrier and also excludes freight, insurance, and any other charges or transportation and other costs beyond the U.S. port of exportation. The country of destination is defined as the country of ultimate destination or country where the merchandise is to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. When ultimate destination is not known, the shipment is statistically credited to the last country to which the shipper knows the merchandise will be shipped in the same form as exported.

For certain low-valued shipments, the export statistics since July 1953 include estimates based upon selected samples of such shipments with lower and upper value limits of the sampled shipments varying (Canada excepted) from $100–$499 for July 1953–September 1969, $251–$499 for October 1969–February 1979, and $501–$999, for March 1979–June 1981. Effective July 1, 1981, the statistics for countries other than Canada reflect fully compiled data for shipments valued over $500. For Canada, upper-value limits were raised to $1,999 in January 1963, and lower-value to $251 and $501 in October 1969 and March 1979, respectively. Shipments valued below lower limits (under $100, under $251, and under $501) for the different periods are estimated to represent about one percent of the total value of exports, and the $501–$1,999 shipments to Canada about one percent and the $501–$999 shipments to other countries about two percent.

Beginning January 1978, the Export Classification Schedule was based upon Schedule E, Standard International Trade Classification, Revision 2. This revision affects the comparability of some export statistics.

Imports.—The Bureau of the Census compiles import data from various customs forms required to be filed with customs officials. From 1974–1981, data on import values were presented on three bases: The transaction values f.a.s. (free alongside ship) at the foreign port of export, the c.i.f. (cost, insurance, and freight), and the previously reported customs import value (as appraised by the U.S. Customs Service in accordance with legal requirements of the Tariff Act of 1930, as amended). This latter valuation, primarily used for collection of import duties, frequently did not reflect the actual transaction value. Beginning 1982, import data are based on customs values, i.e., the price paid by the buyer to the seller in accordance with the 1979 Trade Agreement Act amendments to the 1930 Tariff Act. For the c.i.f. imports, the new customs value was substituted for the arms-length transaction value used for 1981 and earlier years. The f.a.s. transaction values were discontinued as of January 1982. Country of origin is defined as country where the merchandise was grown, mined, or manufactured. If country of origin is unknown, country of shipment is reported.

Imports are classified either as "General Imports" or "Imports for Consumption." General imports are a combination of entries for immediate consumption, entries into customs bonded warehouses,

and entries into U.S. Foreign Trade Zones, thus generally reflecting total arrivals of merchandise. Imports for consumption are a combination of entries for immediate consumption, withdrawals from warehouses for consumption, and entries of merchandise into U.S. customs territory from U.S. Foreign Trade Zones, thus generally reflecting the total of the commodities entered into U.S. consumption channels.

Since July 1953, the import statistics include, estimates not classified by commodity, for certain *low-valued shipments. For July 1953–July 1965,* entries valued under $100, in general, were estimated, while entries valued under $251 have been estimated since July 1965. The estimated low-valued shipments generally amount to less than one percent of the import total.

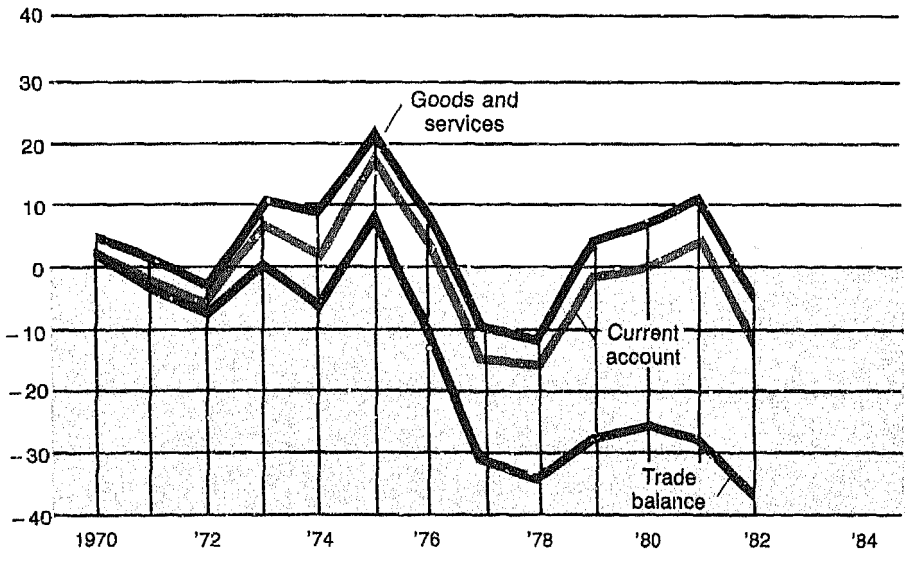
Area coverage.—Except as noted, the geographic area covered by the export and import trade statistics is the United States Customs area (includes the 50 States, the District of Columbia and Puerto Rico), the U.S. Virgin Islands (effective January 1981), and U.S. Foreign Trade Zones (effective July 1982). Data for selected tables and total values for 1980, have been revised to reflect the U.S. Virgin Islands' trade with foreign countries, where possible.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 31.3

U.S. International Transaction Balances: 1970 to 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1452.

No. 1451. U.S. International Transactions: 1970 to 1982

[In millions of dollars. Minus sign (−) indicates debits. See also *Historical Statistics, Colonial Times to 1970*, series U 1-25]

TYPE OF TRANSACTION	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Exports of goods and services [1]	65,674	77,495	110,241	146,666	155,729	171,630	184,276	219,994	286,796	342,073	374,621	348,324
Merchandise, excl. military [2]	42,469	49,381	71,410	98,306	107,088	114,745	120,816	142,054	184,473	224,237	237,019	211,217
Transfers under U.S. military agency sales contracts	1,501	1,364	2,559	3,379	4,049	5,454	7,351	7,973	6,516	8,181	9,727	12,097
Travel and transportation	6,000	7,095	8,852	10,833	11,576	13,718	14,606	16,922	20,568	24,360	27,747	26,709
Miscellaneous services	3,957	4,891	5,611	6,561	7,666	8,426	9,325	10,801	11,107	12,852	13,866	14,155
Income on U.S. assets abroad	11,747	14,764	21,808	27,587	25,351	29,286	32,179	42,245	64,132	72,445	86,243	84,146
Direct investment	8,169	10,949	16,542	19,157	16,595	18,999	19,673	25,458	36,183	37,146	32,446	22,888
Interest, dividends, and earnings of unincorporated affiliates	4,992	6,416	8,384	11,379	8,547	11,303	13,277	14,115	19,219	20,129	18,963	17,565
Reinvested earnings of incorporated affiliates	3,177	4,532	8,158	7,777	8,048	7,696	6,396	11,343	18,965	17,017	13,483	5,323
Other private receipts	2,671	2,949	4,330	7,356	7,644	8,955	10,881	14,944	23,654	32,737	50,113	57,127
U.S. Government receipts	907	866	936	1,074	1,112	1,332	1,625	1,843	2,295	2,562	3,684	4,131
Transfers of goods and services under U.S. military grants, net	2,713	4,492	2,810	1,818	2,207	373	203	236	465	756	680	644
Imports of goods and services	−60,050	−79,435	−99,219	−137,519	−132,980	−162,425	−194,170	−230,335	−282,110	−334,596	−363,098	−351,502
Merchandise, excl. military [2]	−39,866	−55,797	−70,499	−103,811	−98,185	−124,228	−151,907	−176,020	−212,028	−249,781	−265,086	−247,606
Direct defense expenditures	−4,855	−4,784	−4,629	−5,032	−4,795	−4,895	−5,823	−7,352	−8,294	−10,467	−11,082	−11,918
Travel and transportation	−8,038	−10,158	−12,010	−14,017	−14,368	−16,276	−18,171	−20,495	−23,503	−25,794	−28,345	−28,804
Miscellaneous services	−1,777	−2,125	−2,427	−2,575	−3,068	−3,715	−4,053	−4,788	−5,372	−5,680	−5,826	−6,333
Income on foreign assets in U.S	−5,516	−6,572	−9,655	−12,084	−12,564	−13,311	−14,217	−21,660	−32,914	−42,675	−52,760	−56,842
Direct investment	−875	−1,284	−1,610	−1,331	−2,234	−3,110	−2,834	−4,211	−6,357	−9,470	−7,454	−4,844
Interest, dividends, and earnings of unincorporated affiliates	−441	−715	−699	−266	−1,046	−1,451	−1,248	−1,628	−2,402	−3,303	−3,694	−5,008
Reinvested earnings of incorporated affiliates	−434	−569	−910	−1,065	−1,189	−1,659	−1,586	−2,583	−3,955	−6,167	−3,761	164
Other private payments	−3,617	−2,604	−4,209	−6,491	−5,788	−5,681	−5,841	−8,795	−15,481	−20,893	−28,553	−33,769
U.S. Government payments	−1,024	−2,684	−3,836	−4,262	−4,542	−4,520	−5,542	−8,674	−11,076	−12,512	−16,753	−18,229
U.S. military grants of goods and services, net	−2,713	−4,492	−2,810	−1,818	−2,207	−373	−203	−236	−465	−756	−680	−644
Unilateral transfers (excl. military grants), net	−3,294	−3,854	−3,881	[3] −7,186	−4,613	−4,998	−4,617	−5,106	−5,649	−7,056	−6,931	−8,034
U.S. Government grants	−1,736	−2,173	−1,938	[3] −5,475	−2,894	−3,145	−2,787	−3,176	−3,550	−4,709	−4,549	−5,412
U.S. Govt. pensions, private remittances, other transfers	−1,558	−1,681	−1,943	−1,711	−1,719	−1,851	−1,830	−1,930	−2,100	−2,347	−2,382	−2,621
U.S. assets abroad, net (increase/capital outflow (−))	−9,337	−14,497	−22,874	−34,745	−39,703	−51,269	−34,785	−61,130	−64,331	−86,052	−110,601	−118,045
U.S. official reserve assets, net	2,481	−4	158	−1,467	−849	−2,558	−375	732	−1,133	−8,155	−5,175	−4,965
U.S. Govt. assets, other than official reserve assets, net	−1,589	−1,568	−2,644	[3] 366	−3,474	−4,214	−3,693	−4,660	−3,746	−5,140	−5,078	−5,732
U.S. loans and other long-term assets	−3,293	−3,819	−4,638	−5,001	−5,941	−6,943	−6,445	−7,470	−7,697	−9,897	−9,717	−10,117
Repayments on U.S. loans [4]	1,721	2,086	2,596	[3] 4,826	2,475	2,596	2,719	2,941	3,926	4,488	4,419	4,334
U.S. foreign currency holdings and U.S. short-term assets, net	−16	165	−602	[3] 541	−9	133	33	−131	25	269	220	51

U.S. private assets, net	−10,229	−12,925	−20,388	−33,643	−35,380	−44,498	−30,717	−57,202	−59,453	−72,757	−100,348	−107,348
Direct investments abroad	−7,590	−7,747	−11,353	−9,052	−14,244	−11,949	−11,880	−16,056	−25,222	−19,222	−9,680	3,008
Equity and intercompany accounts	−4,413	−3,214	−3,195	−1,275	−6,196	−4,253	−5,494	−4,713	−6,258	−2,205	3,803	8,331
Reinvested earnings of incorporated affiliates	−3,177	−4,532	−8,158	−7,777	−8,048	−7,696	−6,396	−11,343	−18,965	−17,017	−13,483	−5,323
Foreign securities	−1,076	−618	−671	−1,854	−6,247	−8,685	−5,460	−3,626	−4,726	−3,524	−5,636	−7,986
U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	−596	−1,054	−2,363	−3,221	−1,357	−2,296	−1,340	−3,653	−3,291	−3,174	−1,181	6,976
U.S. claims reported by U.S. banks, n.i.e.[5]	−967	−3,506	−5,980	−19,516	−13,532	−21,368	−11,427	−33,667	−26,213	−46,838	−83,851	−109,346
Foreign assets in the U.S., net (increase/capital inflow (+))	**6,359**	**21,461**	**18,388**	**34,241**	**15,670**	**36,518**	**51,319**	**64,036**	**38,752**	**54,922**	**80,678**	**87,866**
Foreign official assets in the U.S., net	6,908	10,475	6,026	10,546	7,027	17,693	36,816	33,678	−13,665	15,566	5,430	3,172
Other foreign assets in the U.S., net	−550	10,986	12,362	23,696	8,643	18,826	14,503	30,358	52,416	39,356	75,248	84,694
Direct investments in U.S.	1,464	949	2,800	4,760	2,603	4,347	3,728	7,897	11,877	13,666	21,996	10,390
Equity and intercompany accounts	1,030	380	1,890	3,695	1,414	2,687	2,142	5,313	7,921	7,500	18,238	10,554
Reinvested earnings of incorporated affiliates	434	569	910	1,065	1,189	1,659	1,586	2,583	3,955	6,167	3,761	−164
U.S. Treasury securities	81	−39	−216	697	2,590	2,783	534	[6] 2,178	[6] 4,960	[6] 2,645	[6] 2,982	[6] 7,004
U.S. securities other than U.S. Treasury securities	2,189	4,507	4,041	378	2,503	1,284	2,437	2,254	1,351	5,457	7,171	6,141
U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	2,014	815	1,035	1,844	319	−578	1,086	1,889	1,621	6,845	942	−3,104
U.S. liabilities reported by U.S. banks, n.i.e.[5]	−6,298	4,754	4,702	16,017	628	10,990	6,719	16,141	32,607	10,743	42,154	64,263
Allocations of special drawing rights	**867**	**710**	–	–	–	–	–	–	**1,139**	**1,152**	**1,093**	–
Statistical discrepancy (sum of above items with sign reversed)	−219	−1,879	−2,654	−1,458	5,897	10,544	−2,023	12,540	25,404	29,556	24,238	41,390
Balance on *merchandise trade*	2,603	−6,416	911	−5,505	8,903	−9,483	−31,091	−33,966	−27,555	−25,544	−28,067	−36,389
Balance on goods and services	5,625	−1,941	11,021	9,147	22,749	9,205	−2,894	−10,340	4,686	7,477	11,523	−3,177
Balance on goods, services, and remittances	4,067	−3,622	9,078	7,437	21,031	7,354	−11,724	−12,270	2,586	5,130	9,141	−5,799
Balance on current account	2,331	−5,795	7,140	1,962	18,136	4,207	−14,511	−15,446	−964	421	4,592	−11,211

– *Represents zero.* NA Not available. [1] Excludes transfers of goods and services under U.S. military grant programs. [2] Excludes exports of goods under U.S. military agency sales contracts identified in Bureau of the Census export documents, excludes imports of goods under direct defense expenditures identified in Census import documents, and reflects various other adjustments (for valuation, coverage, and timing) of census statistics to a balance of payments basis. [3] Includes extraordinary U.S. Govt. transactions with India. [4] Includes sales of foreign obligations to foreigners. [5] Not included elsewhere. [6] Includes foreign currency notes sold to private residents abroad.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* June 1983.

No. 1452. U.S. International Transactions—Summary: 1960 to 1983

[In billions of dollars. Reserve assets are for end of period. Minus sign (−) denotes debit. See headnote, table 1451]

Year	Merchandise trade balance [1]	Net investment income	Net military transactions	Net travel and transportation receipts	Other services, net	Balance on goods and services	Unilateral transfers [1]	Balance on current account	Net foreign assets in U.S.	Net U.S. assets abroad	Net U.S. official reserve assets
1960	4.9	3.4	−2.8	−1.0	.6	5.1	−2.3	2.8	2.3	−4.1	19.4
1965	5.0	5.3	−2.1	−1.3	1.4	8.3	−2.9	5.4	.7	−5.7	15.5
1966	3.8	5.0	−2.9	−1.3	1.4	6.0	−2.9	3.0	3.7	−7.3	14.9
1967	3.8	5.3	−3.2	−1.8	1.6	5.7	−3.1	2.6	7.4	−9.6	14.8
1968	.6	6.0	−3.1	−1.5	1.6	3.6	−3.0	.6	9.9	−11.0	15.7
1969	.6	6.0	−3.3	−1.8	1.8	3.4	−3.0	.4	12.7	−11.6	17.0
1970	2.6	6.2	−3.4	−2.0	2.2	5.6	−3.3	2.3	6.4	−9.3	14.5
1971	−2.3	7.3	−2.9	−2.3	2.5	2.3	−3.7	−1.4	23.0	−12.5	12.2
1972	−6.4	8.2	−3.4	−3.1	2.8	−1.9	−3.9	−5.8	21.5	−14.5	13.2
1973	.9	12.2	−2.1	−3.2	3.2	11.0	−3.9	7.1	18.4	−22.9	14.4
1974	−5.5	15.5	−1.7	−3.2	4.0	9.1	−7.2	2.0	34.2	−34.7	15.9
1975	8.9	12.8	−.7	−2.8	4.6	22.7	−4.6	18.1	15.7	−39.7	16.2
1976	−9.5	16.0	.6	−2.6	4.7	9.2	−5.0	4.2	36.5	−51.3	18.7
1977	−31.1	18.0	1.5	−3.6	5.3	−9.9	−4.6	−14.5	51.3	−34.8	19.3
1978	−34.0	20.6	.6	−3.6	6.0	−10.3	−5.1	−15.4	64.0	−61.1	18.7
1979	−27.6	31.2	−1.8	−2.9	5.7	4.7	−5.6	−1.0	38.8	−64.3	19.0
1980	−25.5	29.6	−2.3	−1.4	7.2	7.5	−7.1	.4	54.9	−86.1	26.6
1981	−28.1	33.5	−1.4	−.6	8.1	11.5	−6.9	4.6	80.7	−110.6	30.1
1982	−36.4	27.3	.2	−2.1	7.8	−3.2	−8.0	−11.2	87.9	−118.0	34.0
1983:											
1st qtr	−8.7	5.2	.7	−.7	2.0	−1.5	−1.6	−3.0	17.3	−21.8	34.3

[1] Excludes military grants.

Source: U.S. Council of Economic Advisers, Economic Indicators, monthly; and *Economic Report of the President,* annual. Data from U.S. Bureau of Economic Analysis and U.S. Dept. of the Treasury.

No. 1453. U.S. Balances on International Transactions, by Areas and Selected Countries: 1980 to 1982

[*In millions of dollars.* Balances by area have some shortcomings due to statistical discrepancies including errors, omissions, and incorrect area attributions. Minus sign (−) denotes debits]

Area or country	1980, balance on—			1981, balance on—			1982, balance on—		
	Merchandise trade [1]	Goods and services	Current account	Merchandise trade [1]	Goods and services	Current account	Merchandise trade [1]	Goods and services	Current account
All areas	**−25,544**	**7,477**	**421**	**−28,067**	**11,523**	**4,592**	**−36,389**	**−3,177**	**−11,211**
European Economic Community [2]	17,369	17,285	17,663	9,942	7,469	7,766	4,556	1,584	1,794
United Kingdom	2,970	5,313	5,602	−263	3,456	3,713	−2,352	−1,217	−1,011
Belgium-Luxembourg	4,761	5,517	5,504	3,362	3,559	3,544	2,766	3,054	3,035
France	2,277	2,768	2,721	1,592	1,202	1,154	1,662	1,754	1,702
Germany	−243	−3,795	−3,167	−887	−4,958	−4,428	−2,688	−7,032	−6,539
Italy	1,297	1,678	1,484	234	−23	−230	−649	−672	−875
Netherlands	5,559	4,240	4,228	5,010	2,971	2,958	4,979	4,547	4,531
Other Western Europe	2,979	1,885	1,219	2,293	1,512	1,121	2,237	1,300	576
Eastern Europe	2,699	3,097	2,985	2,886	3,453	3,337	2,682	3,087	3,027
Canada	−1,277	7,515	7,315	−2,242	7,336	7,137	−9,198	203	−18
Latin America, other Western Hemisphere	1,320	13,551	12,347	3,705	21,208	19,949	−5,397	8,947	7,615
Japan [3]	−10,411	−8,849	−8,917	−15,802	−13,821	−13,889	−16,991	−15,680	−15,768
Australia, South Africa [4]	584	3,603	3,545	3,388	6,479	6,419	2,623	4,232	4,167
Other Asia and Africa	−37,520	−28,830	−33,386	−32,260	−22,257	−26,598	−16,878	−6,979	−12,058
Int'l. and unallocated	−1,267	−1,780	−2,570	23	144	−650	−23	129	−546

[1] Adjusted to balance of payments basis; excludes exports under U.S. military sales contracts and imports under direct defense expenditures. [2] Includes Denmark, Greece, Ireland, European Atomic Energy Community, European Coal and Steel Community, and European Investment Bank, not shown separately. [3] Includes Ryukyu Islands. [4] Includes New Zealand.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* June 1983.

No. 1454. International Investment Position, 1950 to 1982, and by Selected Areas, 1982

[In billions of dollars. Estimates for end of year; subject to considerable error due to nature of basic data. Direct investments at book value; other types at market or face values. See Historical Statistics, Colonial Times to 1970, series U 26-39, for similar data]

Type of investment	1950	1955	1960	1965	1970	1971	1972	1973	1974	1975
U.S. net international investment position	36.7	37.2	44.7	61.6	58.6	56.1	49.6	47.6	58.3	74.6
U.S. assets abroad	54.4	65.1	85.6	120.4	165.5	179.5	199.5	222.5	255.7	295.1
U.S. official reserve assets	24.3	22.8	19.4	15.5	14.5	12.2	13.2	14.4	15.9	16.2
U.S. Government assets, other	11.1	13.1	17.0	23.5	32.1	34.2	36.1	38.8	38.4	41.8
U.S. private assets	19.0	29.1	49.2	81.4	118.8	133.1	150.3	169.3	201.5	237.1
Foreign assets in U.S	17.6	27.8	40.9	58.8	106.8	123.3	149.9	174.9	197.4	220.5
Foreign official assets	(NA)	(NA)	[1]12.4	[1]16.8	26.1	52.5	63.2	69.6	80.3	86.9
Other foreign assets	(NA)	(NA)	28.5	42.0	80.7	70.9	86.7	105.3	117.1	133.6

Type of investment	1976	1977	1978	1979	1980	1981	1982			
							Total [2]	Western Europe	Canada	Latin America [3]
U.S. net international investment position	83.8	71.3	76.2	94.6	120.6	156.5	168.6	−51.1	68.1	116.3
U.S. assets abroad	347.2	379.1	447.9	510.6	606.7	716.9	834.2	256.4	108.5	251.4
U.S. official reserve assets	18.7	19.3	18.6	19.0	26.8	30.1	34.0	6.0	(Z)	2.1
U.S. Government assets, other	46.0	49.6	54.2	58.4	63.5	68.4	73.9	10.5	.5	13.8
U.S. loans and other long-term assets	44.1	47.8	52.3	56.5	61.9	67.1	72.8	10.3	.5	13.7
U.S. foreign currency holdings and short-term assets	1.9	1.8	1.9	1.9	1.7	1.3	1.2	.2	(Z)	(Z)
U.S. private assets	282.4	310.2	375.0	433.2	516.4	616.4	726.3	240.0	108.0	235.5
Direct investments abroad	136.8	146.0	162.7	187.9	215.4	226.4	221.3	99.9	44.5	30.3
Foreign securities	44.2	49.4	53.4	56.8	62.5	63.2	75.3	17.6	40.5	1.5
U.S. claims on unaffiliated foreigners [4]	20.3	22.3	28.1	31.5	34.7	35.9	27.3	8.1	5.0	9.2
U.S. claims reported by U.S. banks [5]	81.1	92.6	130.8	157.0	203.9	293.0	402.3	114.4	17.9	194.5
Foreign assets in the U.S.	263.4	307.8	371.6	416.0	486.1	560.4	665.5	307.5	40.4	135.1
Foreign official assets in the U.S. [6]	104.2	140.8	172.9	159.7	176.0	180.9	189.2	63.4	2.2	6.4
U.S. Government securities	72.6	105.4	128.5	106.6	118.2	125.1	132.5	(7)	(7)	(7)
Other U.S. Government liabilities	8.8	10.2	12.7	12.6	13.3	13.3	13.8	2.5	.2	.5
U.S. liabilities reported by U.S. banks [5]	17.2	18.0	23.3	30.5	30.4	26.9	24.9	(7)	(7)	(7)
Other foreign assets in the U.S	159.1	167.0	198.7	256.3	310.1	379.5	476.3	244.1	38.1	128.7
Direct investments	30.8	34.6	42.5	54.5	68.4	90.4	101.8	68.5	9.8	9.2
U.S. securities [8]	54.9	51.2	53.6	56.6	74.1	75.4	93.3	66.4	14.5	5.7
U.S. liabilities to unaffiliated foreigners [4]	13.0	13.4	16.0	18.7	30.4	29.9	25.8	10.9	2.5	4.1
U.S. long-term liabilities [9]	1.1	1.5	77.7	110.3	121.1	165.3	229.6	[10]	[10]	[10]
U.S. short-term liabilities [5 9]	52.4	58.7								
U.S. Treasury securities	7.0	7.6	[11]8.9	[11]14.2	[11]16.1	[11]18.6	[11]25.8			

NA Not available. Z Less than $50 million. [1] Includes holdings of international and regional organizations that were shifted to "other foreign assets" in subsequent periods. [2] Includes other countries, international organizations, unallocated, not shown separately. [3] Includes other Western Hemisphere. [4] Reported by U.S. nonbanking concerns. [5] Not included elsewhere. [6] Includes assets not shown separately. [7] Data included in "Foreign official assets in the U.S." [8] Excludes U.S. Treasury securities. [9] Reported by U.S. banks. [10] Data included in "Other foreign assets in the U.S." [11] Includes U.S. Treasury notes denominated in foreign currencies, sold through foreign central banks to domestic residents in country of issue; these notes are subject to restricted transferability.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, various monthly issues.

No. 1455. U.S. Reserve Assets: 1960 to 1983

[In billions of dollars. As of end of year, except 1983 for June]

Type	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	19.4	15.5	14.5	15.9	16.2	18.7	19.3	18.7	18.9	26.8	30.1	34.0	33.9
Gold stock [1]	17.8	13.8	11.1	11.7	11.6	11.6	11.7	11.7	11.2	11.2	11.2	11.1	11.1
Special drawing rights	–	–	.9	2.4	2.3	2.4	2.6	1.6	2.7	2.6	4.1	5.3	5.5
Foreign currencies	–	.8	.6	(Z)	.1	.3	(Z)	4.4	3.8	10.1	9.8	10.2	7.9
Reserve position in IMF [2]	1.6	.9	1.9	1.9	2.2	4.4	4.9	1.0	1.3	2.9	5.1	7.3	9.4

– Represents zero. Z Less than $50 million. [1] Includes gold in Exchange Stabilization Fund; excludes gold held under earmark at Federal Reserve banks for foreign and international accounts. Beginning 1974, gold assets were valued at $42.22 pursuant to the amending of Section 2 of the Par Value Modification Act, PL-93-110, approved September 21, 1973. [2] International Monetary Fund.

Source: Board of Governors of the Federal Reserve System, Federal Reserve Bulletin, monthly, and Department of the Treasury, Treasury Bulletin, monthly.

No. 1456. Foreign Direct Investment in the U.S.—Value, by Area and Industry: 1960 to 1982

[In millions of dollars. Book value at year end. Prior to 1975, covers U.S. firms, including real estate investments in which foreign interest or ownership was 25 percent or more; thereafter, ownership of 10 percent or more. See also *Historical Statistics, Colonial Times to 1970,* series U 47–74]

AREA AND INDUSTRY	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982, prel.
All areas [1]	**6,910**	**8,797**	**13,270**	**27,662**	**30,770**	**34,595**	**42,471**	**54,462**	**68,351**	**90,421**	**101,844**
Petroleum	1,238	1,710	2,992	6,213	5,921	6,573	7,762	9,906	12,363	18,005	20,488
Manufacturing	2,611	3,478	6,140	11,386	12,620	14,030	17,202	20,876	25,159	29,976	32,186
Finance and insurance	1,810	2,169	2,256	3,152	2,943	4,544	5,231	7,575	10,365	12,574	14,844
Trade, wholesale and retail	934	748	994	4,844	6,123	7,237	9,161	11,562	14,296	17,628	20,630
Canada	**1,934**	**2,388**	**3,117**	**5,352**	**5,907**	**5,650**	**6,180**	**7,154**	**10,074**	**9,883**	**9,823**
Petroleum	203	208	190	596	676	710	723	943	1,308	1,387	1,256
Manufacturing	932	1,219	1,836	3,061	3,386	3,077	3,213	3,615	5,199	3,519	3,671
Finance and insurance	246	370	324	341	422	307	397	505	852	818	967
Europe	**4,707**	**6,076**	**9,554**	**18,584**	**20,162**	**23,754**	**29,180**	**37,403**	**45,731**	**60,510**	**68,514**
Petroleum	1,028	1,478	2,777	5,478	4,999	5,523	6,569	8,010	9,766	14,937	17,370
Manufacturing	1,611	2,167	4,091	6,673	7,426	9,267	11,717	13,952	16,064	21,995	23,907
Finance and insurance	1,504	1,724	1,805	2,088	2,637	3,076	3,575	5,529	7,606	8,841	10,367
United Kingdom	2,248	2,852	4,127	6,331	5,802	6,397	7,638	9,796	12,242	15,576	23,334
Petroleum	339	511	1,220	(D)	602	486	492	199	−311	−165	4,555
Manufacturing	722	939	1,391	1,833	1,963	2,305	3,014	3,547	5,010	6,109	6,950
Finance and insurance	953	1,176	1,141	932	1,211	1,425	1,596	2,432	3,222	4,330	5,140
Netherlands	947	1,304	2,151	5,347	6,255	7,830	10,078	12,672	16,909	23,105	21,446
Petroleum	639	887	1,311	(D)	(D)	(D)	5,041	6,478	8,340	10,699	7,902
Manufacturing	213	328	652	1,345	1,500	2,237	3,058	3,492	4,058	7,367	8,014
Switzerland	773	940	1,545	2,136	2,295	2,651	2,879	3,449	3,870	4,314	4,810
Manufacturing	427	590	1,147	1,308	1,357	1,769	1,949	2,281	2,326	2,699	3,048
Finance and insurance	300	303	351	365	(D)	486	519	598	833	864	922
Other Europe	739	980	1,731	4,768	5,810	6,876	8,585	11,486	12,710	17,515	[2] 18,924
Petroleum	50	80	246	494	(D)	(D)	1,028	1,314	1,707	4,375	4,906
Manufacturing	249	410	901	2,187	2,605	2,956	3,695	4,632	4,670	5,820	5,897
Finance and insurance	209	209	255	445	(D)	592	724	1,379	1,711	1,386	1,417
Japan	**269**	**118**	**229**	**591**	**1,178**	**1,755**	**2,749**	**3,493**	**4,225**	**6,993**	**8742**
Other areas		**214**	**370**	**3,135**	**3,523**	**3,436**	**4,362**	**6,412**	**8,322**	**13,035**	**14,765**

D Withheld to avoid disclosure of data of individual companies. [1] Area totals include industries not shown separately. [2] Direct investments (in millions of dollars): Belgium and Luxembourg, 2,424; France, 4,671; Germany, Fed. Rep., 8,181; Italy, 949; and Sweden, 1,481.

Source: U.S. Bureau of Economic Analysis, *Foreign Business Investments in the United States,* 1982; and *Survey of Current Business,* August 1983, and earlier issues.

No. 1457. U.S. Affiliates of Foreign Companies—Assets, Sales, Employment, Land, Exports, and Imports: 1980

[*A U.S. affiliate* is a U.S. business enterprise in which one foreign owner (individual, branch, partnership, association, trust, corporation, or government) has a direct or indirect voting interest of 10 percent or more. Based on a benchmark survey of nonbank affiliates with assets, sales, or net income of $1 million or more or that own at least 200 acres of U.S. land]

INDUSTRY	Total assets (mil. dol.)	Sales [1] (mil. dol.)	Employment [2] (1,000)	Employee compensation (mil. dol.)	GROSS BOOK VALUE: Plant and equipment [3] (mil. dol.)	GROSS BOOK VALUE: Land (mil. dol.)	Land owned (1,000 acres)	Merchandise exports [4] (mil. dol.)	Merchandise imports [4] (mil. dol.)
Total	**292,033**	**412,705**	**2,034**	**40,047**	**115,274**	**12,563**	**9,552**	**52,199**	**75,803**
Mining	6,813	3,388	25	704	4,628	310	595	810	28
Petroleum	44,060	56,020	101	2,764	37,263	909	584	997	10,588
Manufacturing	81,684	97,990	1,103	22,798	44,706	1,985	3,499	9,045	10,413
Chemicals and allied products	26,086	28,152	283	6,010	17,723	605	308	2,129	1,744
Wholesale trade	50,088	197,573	217	4,606	6,636	579	365	40,662	54,016
Motor vehicles and auto parts and supplies	10,308	33,545	43	986	1,949	130	8	2,532	18,068
Farm-product raw materials	7,196	36,670	25	519	1,037	128	(D)	19,196	4,753
Retail trade	9,685	23,577	304	3,751	4,909	293	8	501	611
Finance, except banking	32,291	4,755	25	844	539	46	3	(D)	10
Insurance	36,240	14,511	62	1,155	992	183	14	–	(Z)
Real estate	19,872	3,933	20	371	10,195	6,607	1,885	(Z)	(Z)
Other	11,320	10,959	177	3,055	5,405	1,651	2,599	(D)	137

– *Represents zero.* D Withheld to avoid disclosure of data of individual companies. Z Less than $500,000. [1] Excludes returns, discounts, allowances, and sales and excise taxes. [2] Average number of full-time and part-time employees. [3] Includes other property, value of mineral rights owned and capitalized value of mineral rights leased. [4] F.A.S. value at port of exportation.

Source: U.S. Bureau of Economic Analysis, *Foreign Direct Investment in the United States, 1980.*

No. 1458. U.S. Businesses Acquired or Established by Foreign Direct Investors, by Industry of U.S. Business Enterprise: 1981 and 1982

[Foreign direct investment is the ownership or control, directly or indirectly, by one foreign individual branch, partnership, association, trust, corporation, or government of 10 percent or more of the voting securities of a U.S. business enterprise or an equivalent interest in an unincorporated one. Data represent number and full cost of acquisitions of existing U.S. business enterprises, including business segments or operating units of existing U.S. business enterprises and establishments of new enterprises. Investments may be made by the foreign direct investor itself, or indirectly by an existing U.S. affiliate of the foreign direct investor. Covers investments in U.S. business enterprises with assets of over $1 million, or ownership of 200 acres of U.S. land. Excludes construction and services industries]

INDUSTRY	1981						1982, prel.					
	Investments			Investors			Investments			Investors		
	Total	Acquisition	Establishments	Total	Foreign direct investors	U.S. affiliates	Total	Acquisition	Establishments	Total	Foreign direct investors	U.S. affiliates
NUMBER OF INVESTMENTS [1]												
Total	**1,332**	**462**	**870**	**1,521**	**979**	**542**	**788**	**271**	**517**	**855**	**515**	**340**
Agriculture and forestry	134	22	112	142	107	35	88	6	82	90	63	27
Mining	17	13	4	18	4	14	8	6	2	10	4	6
Petroleum	78	37	41	86	46	40	39	21	18	45	15	30
Manufacturing	215	178	37	237	105	132	122	106	16	133	51	82
Wholesale trade	40	26	14	49	22	27	39	24	15	41	27	14
Retail trade	21	17	4	21	12	9	23	18	5	23	10	13
Banking	31	12	19	36	29	7	21	11	10	27	22	5
Finance, except banking	21	7	14	22	10	12	29	8	21	33	25	8
Insurance	9	6	3	10	5	5	12	9	3	12	5	7
Real estate	680	92	588	806	594	212	347	20	327	375	261	114
Other	86	52	34	94	45	49	60	42	18	66	32	34
INVESTMENT OUTLAYS (mil. dol.)												
Total	**23,219**	**18,151**	**5,067**	**23,219**	**6,158**	**17,060**	**8,580**	**5,583**	**2,996**	**8,580**	**2,985**	**5,595**
Agriculture and forestry	404	141	263	404	178	226	194	35	159	194	127	67
Mining	1,861	(D)	(D)	1,861	(D)	(D)	304	(D)	(D)	304	(D)	(D)
Petroleum	1,822	1,666	154	1,822	383	1,439	602	529	73	602	69	533
Manufacturing	8,074	7,808	266	8,074	991	7,083	1,926	1,730	196	1,926	445	1,481
Wholesale trade	438	308	130	438	146	292	347	291	55	347	148	199
Retail trade	421	416	5	421	341	80	672	659	13	672	88	584
Banking	1,053	933	120	1,053	769	284	331	303	29	331	(D)	(D)
Financing, exc. banking	766	(D)	(D)	766	107	660	424	306	117	424	284	140
Insurance	348	(D)	(D)	348	(D)	(D)	699	(D)	(D)	699	(D)	(D)
Real estate	3,737	734	3,003	3,737	1,969	1,768	2,325	131	2,194	2,325	958	1,367
Other	4,294	4,020	274	4,294	469	3,805	758	(D)	(D)	758	185	572

D Withheld to avoid disclosure of individual companies. [1] Excludes 1,072 investments in 1982 that do not meet asset or acreage criteria in headnote.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1983.

No. 1459. U.S. Businesses Acquired by Foreign Direct Investors—Assets, Sales, and Employment, by Industry of U.S. Business Enterprise: 1981 and 1982

[See headnote, table 1458. Minus sign (−) indicates loss]

INDUSTRY	1981					1982, prel.				
	Total assets (mil. dol.)	Sales (mil. dol.)	Net income (mil. dol.)	Employment (1,000)	Acres of land owned (1,000)	Total assets (mil. dol.)	Sales (mil. dol.)	Net income (mil. dol.)	Employment (1,000)	Acres of land owned (1,000)
Total	**76,254**	**53,925**	**3,256**	**429**	**4,181**	**22,142**	**15,934**	**356**	**206**	**755**
Agriculture and forestry	157	73	−2	1	103	(D)	(D)	−3	(D)	4
Mining	(D)	1,150	(D)	11	(D)	(D)	934	59	8	(D)
Petroleum	2,643	4,506	−5	3	(D)	1,165	1,044	64	3	(D)
Manufacturing	29,313	35,529	2,505	302	2,738	3,991	5,989	−24	73	(D)
Wholesale trade	480	1,121	113	6	1	826	1,127	4	9	1
Retail trade	1,689	2,746	125	50	1	1,562	2,761	38	59	1
Banking	21,372	2,240	115	18	(Z)	5,169	566	11	6	(D)
Finance, except banking	14,106	4,419	(D)	3	(Z)	(D)	852	38	(D)	–
Insurance	(D)	159	14	1	(D)	1,327	700	(D)	3	(D)
Real estate	1,398	223	17	4	22	301	50	1	(Z)	(D)
Other	1,991	1,759	137	30	(D)	2,173	(D)	(D)	36	(D)

– Represents zero. D Withheld to avoid disclosure of individual companies. Z Fewer than 500.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1983.

No. 1460. U.S. Direct Investment Position Abroad and Income, by Country, 1970 to 1982, and by Selected Industries, 1982

[**In millions of dollars.** Direct investments represent private enterprises in one country controlled by investors in another country or in the management of which foreign investors have an important role. Data for 1970 and 1975 are based on the 1966 benchmark survey; data for 1979 through 1982 are based on the 1977 benchmark survey. Because of differences in definition, data based on different benchmarks are not entirely comparable. Negative position occurs when U.S. parent company's liabilities to the foreign affiliate are greater than its investment in the foreign affiliate. See also *Historical Statistics, Colonial Times to 1970*, series U 41–46]

COUNTRY	DIRECT INVESTMENT POSITION (at yearend)									INCOME [3]								
						1982, prel.									1982, prel.			
	1970	1975	1979	1980	1981	Total [1]	Manufacturing	Petroleum	Finance, insurance [2]	1970	1975	1979	1980	1981	Total [1]	Manufacturing	Petroleum	Finance, insurance [2]
All areas	75,480	124,050	187,858	215,375	226,359	221,343	90,685	55,697	19,526	8,169	16,595	38,183	37,146	32,446	22,888	5,209	10,333	1,544
Developed countries	51,819	90,695	139,477	158,214	165,396	163,076	71,428	35,845	19,018	4,577	9,509	24,918	24,638	18,860	13,510	4,334	5,011	1,264
Canada	21,015	31,038	40,662	45,119	45,129	44,509	19,730	6,652	7,121	1,518	3,412	5,517	5855	4,250	2,919	918	1,087	566
Europe [4]	25,255	49,305	83,056	96,287	101,514	99,877	44,126	22,968	10,550	2,401	4,989	17,086	15,991	11,766	9,153	2,963	3,369	604
Euro. Economic Community (EEC) [5]	20,104	38,773	66,075	77,152	80,646	78,344	40,299	19,045	6,688	1,919	3,620	14,041	12,816	8,907	6,722	2,940	2,356	274
Belgium and Luxembourg	1,546	3,306	6,383	6,911	6,903	5,827	3,244	670	233	158	270	980	637	227	186	18	−105	144
Denmark and Ireland	571	1,295	2,958	3,585	4,078	4,220	2,889	640	381	45	170	567	503	666	692	644	−34	27
France	2,643	5,743	8,085	9,347	9,132	7,799	4,768	1,069	229	237	657	972	1,253	148	−83	113	−166	−5
Germany	4,313	8,726	13,699	15,415	15,640	15,912	10,099	3,205	723	588	956	2,898	1,864	849	1,103	813	145	58
Italy	1,464	2,679	4,364	5,397	5,275	4,699	3,037	734	69	85	90	925	1,298	385	469	507	−139	14
Netherlands	1,550	3,097	6,891	8,039	8,813	6,795	3,248	3,382	811	180	540	1,934	1,853	1,218	1,201	269	964	−49
United Kingdom	8,016	13,927	23,696	28,460	30,260	30,785	12,924	9,249	4,229	626	936	5,765	5,408	5,379	3,124	583	1,681	83
Other Western Europe [4]	5,151	10,532	16,981	19,135	20,868	21,533	3,827	3,923	3,863	483	1,369	3,045	3,174	2,859	2,431	22	1,011	330
Switzerland	2,631	5,152	9,682	11,280	12,509	13,272	1,112	292	3,495	333	853	1,988	1,865	1,896	1,451	108	49	328
Japan	1,482	3,339	6,160	6,225	6,755	6,872	3,456	1,712	251	228	233	833	839	929	657	401	271	26
Australia, New Zealand, South Africa	4,067	7,013	9,579	10,583	11,998	11,818	4,116	2,513	1,096	430	875	1,482	1,953	1,915	782	52	284	67
Developing countries [6]	19,192	26,288	44,680	53,206	56,182	53,157	19,257	16,040	515	2,941	6,683	13,004	11,894	12,625	8,624	875	4,638	278
Latin American Republics [7]	11,104	16,394	22,792	26,535	30,020	31,175	15,103	4,874	3,515	1,206	2,155	2,965	3,689	3,600	1,453	237	629	418
Mexico, Panama, other Central America	3,644	5,811	8,250	10,193	11,806	10,802	4,903	1,097	2,111	264	926	1,351	1,797	1,931	−788	−976	36	306
Argentina	1,022	1,154	1,649	2,540	2,756	2,979	1,718	629	36	109	103	520	695	103	393	219	116	4
Brazil	1,526	4,579	7,298	7,704	8,247	9,031	5,958	448	1,102	208	657	247	499	499	871	662	−50	75
Chile	758	174	280	536	847	854	60	79	12	81	(z)	37	7	161	−20	−22	4	(z)
Colombia	584	648	893	1,012	1,170	1,655	651	569	29	43	53	22	68	59	229	119	92	9
Peru	744	1,221	1,534	1,665	1,926	2,262	106	1,256	4	74	−88	508	(D)	405	301	7	278	(z)
Venezuela	2,241	1,872	1,806	1,908	2,252	2,371	1,276	218	178	395	344	142	108	297	354	213	54	20
Other Western Hemisphere	1,958	5,773	12,429	12,226	8,844	1,864	522	1,591	−4,373	215	1,047	3,555	3,280	2,527	1,398	67	325	−253
Other Africa [8]	2,427	2,414	3,033	3,778	4,228	5,069	468	3,525	134	522	534	1,276	1,406	1,056	921	45	829	−33
Middle East [9]	1,545	−4,040	−999	2,169	1,992	2,703	231	1,104	157	711	1,643	2,720	−22	1,455	1,191	47	593	12
Other Asia and Pacific	2,260	5,747	7,427	8,505	11,098	12,347	2,934	4,946	1,082	287	1,304	2,488	3,542	3,986	3,671	479	2,262	134
International [6]	4,469	7,067	3,700	3,955	4,780	5,110	–	3,812	−7	650	404	262	614	961	743	–	685	3

– Represents zero. D Suppressed to avoid disclosure of individual companies. Z Less than $500,000. [1] Includes industries not shown separately. [2] Excludes affiliates that are banks. [3] Equals sum of interest, dividends, earnings of unincorporated affiliates, and reinvested earnings. [4] Includes Mediterranean possessions and Eastern Europe. [5] As of Jan. 1, 1973, United Kingdom, Denmark, and Ireland became members of the EEC. For consistency, data for all years are shown on same basis. Beginning 1981, includes Greece which was previously reported under "Other Western Europe." [6] Shipping companies operating under flags of convenience, primarily Panama and Liberia, are included in "International." [7] Includes countries not shown below. [8] Includes Egypt and all other in Africa except South Africa. [9] Includes Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Neutral Zone, Qatar, Saudi Arabia, South Yemen, Oman, United Arab Emirates, and Yemen.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, *Survey of Current Business*, August 1983, and supplement titled *Revised Data Series on U.S. Direct Investment Abroad, 1966–78*.

No. 1461. U.S. Government Foreign Grants and Credits: 1945 to 1982

[In millions of dollars. "P.L." means Public Law. For explanation of minus sign (−), see headnote, table 1462. See also text, pp. 815 and 816, and *Historical Statistics, Colonial Times to 1970*, series U 75-101]

PROGRAM	Post WW II period,[1] total	1945-1955, total	1956-1965, total	1966-1975, total	1976-1978, total	1979	1980	1981	1982, prel.
Total, net	**235,468**	**55,134**	**47,317**	**68,851**	**22,679**	**7,901**	**10,988**	**10,617**	**11,981**
Investments in financial institutions [2]	10,344	635	655	2,719	2,838	551	796	1,142	1,007
Under assistance programs, net	**225,124**	**54,499**	**46,662**	**66,132**	**19,840**	**7,350**	**10,192**	**9,475**	**10,974**
Net new military grants	72,663	16,445	19,159	28,720	2,922	1,070	1,652	1,153	1,541
Gross new grants	73,206	16,679	19,400	28,765	2,931	1,073	1,656	1,157	1,544
Foreign Assistance Act [3]	71,553	15,062	19,364	28,765	2,931	1,073	1,656	1,157	1,544
Military supplies and services	42,623	13,917	18,256	8,287	820	323	275	269	484
Military assistance, service funded [4]	18,169	-	8	18,161	-	-	-	-	-
Financing of military purchases [5]	5,785	-	-	1,584	1,879	500	750	317	755
Relocation of facilities in Israel	800	-	-	-	-	125	351	325	-
Other special programs	4,176	1,145	1,100	734	232	126	280	256	305
Other	1,653	1,617	36	-	-	-	-	-	-
Less: Reverse grants and returns	*543*	*234*	*241*	*45*	*9*	*3*	*4*	*4*	*3*
Net new economic and technical aid grants [6]	91,394	28,871	17,675	21,748	7,236	3,050	3,971	4,198	4,646
Developed countries [7]	21,047	20,294	780	−180	21	19	8	24	82
Developing countries [7]	70,347	8,578	16,896	21,928	7,215	3,031	3,963	4,173	4,563
Gross new grants	93,326	30,225	17,993	22,003	7,242	3,050	3,971	4,198	4,646
Foreign Assistance Act [3]	58,034	17,711	12,189	12,191	5,045	1,994	2,585	2,814	3,507
Farm products disposals:									
Foreign currencies, P.L. 83-480 [8]	6,428	-	2,048	4,234	71	20	16	29	10
Famine and other urgent relief	8,986	530	2,704	2,862	997	425	500	561	407
Payment of transportation	2,571	-	494	946	327	168	206	237	192
Food for development loan forgiveness	185	-	-	-	-	31	79	27	47
Supplies to military or trusteeship administration areas	7,334	5,872	132	536	275	125	107	132	156
Peace Corps	1,777	-	232	912	237	95	98	102	102
Other	8,011	6,113	194	321	290	192	381	295	227
Less: Reverse grants and returns	*1,932*	*1,353*	*318*	*255*	*6*	-	-	-	-
Net new credits [9]	59,326	8,642	7,025	16,954	9,827	3,299	4,638	4,139	4,802
Developed countries [7]	3,601	6,646	−3,207	313	116	−217	78	271	−399
Developing countries [7]	55,725	1,996	10,232	16,641	9,712	3,516	4,559	3,868	5,201
New credits	115,443	12,039	15,429	37,422	17,986	7,071	8,730	8,121	8,643
Export-Import Bank Act	40,345	4,271	5,257	15,505	4,723	1,876	3,378	3,059	2,276
Foreign Assistance Act [3]	44,403	1,919	6,196	12,053	8,321	3,268	4,216	3,879	4,550
Country program loans	24,189	1,765	5,722	8,362	3,273	1,513	1,295	1,136	1,124
Financing of military purchases	18,956	9	247	3,089	4,858	1,700	2,903	2,735	3,415
Social Progress Trust Fund	869	-	226	487	97	47	12	1	−1
Other	389	145	2	116	93	9	7	7	11
P.L. 83-480 [8]	16,428	48	3,839	7,161	2,197	799	809	808	768
Loans of foreign currency:									
To foreign governments	5,185	48	3,285	1,843	6	2	1	(z)	1
To private enterprises	428	-	202	217	5	-	-	1	4
Long-term credit sales	10,814	-	352	5,101	2,186	796	808	807	763
P.L. 80-806 [10]	7,003	-	-	2,433	2,737	1,120	309	366	38
Other	7,265	5,801	137	271	9	9	19	9	1,010
Less: Principal collections	*56,117*	*3,397*	*8,404*	*20,469*	*8,159*	*3,772*	*4,093*	*3,982*	*3,841*
Export-Import Bank Act	24,528	1,803	4,458	9,282	3,242	1,299	1,368	1,463	1,613
Foreign Assistance Act [3]	12,326	38	1,263	3,557	2,463	1,114	1,209	1,313	1,369
Country program loans	6,312	1	944	2,481	1,224	409	362	440	451
Financing of military purchases	5,259	2	222	852	1,087	612	783	827	874
Social Progress Trust Fund	481	-	9	198	101	66	48	31	28
Other	273	35	88	25	51	27	15	15	17
P.L. 83-480 [8]	5,643	-	180	3,753	690	295	316	287	321
Loans of foreign currency:									
To foreign governments	2,890	-	111	2,354	217	53	48	52	54
To private enterprises	303	-	43	175	51	12	9	7	5
Long-term credit sales	2,650	-	27	1,223	422	231	258	228	261
Lend-lease, surplus property, and grant settlements	4,443	677	2,001	1,438	197	46	47	17	20
P.L. 80-806 [10]	6,180	-	-	1,763	1,375	924	1,051	799	268
Other	2,797	880	501	677	190	94	102	103	250

See footnotes at end of table.

No. 1461. U.S. Government Foreign Grants and Credits: 1945 to 1982—Con.

[In millions of dollars. See headnote, p. 825]

PROGRAM	Post WW II period,[1] total	1945–1955, total	1956–1965, total	1966–1975, total	1976–1978, total	1979	1980	1981	1982, prel.
Other assistance (net accumulation of foreign currency claims) [11]	1,741	541	2,802	−1,290	−145	−69	−69	−15	−15
Developed countries [7]	251	190	330	*−203*	*−79*	*−24*	*−18*	46	10
Developing countries [7]	1,485	351	2,472	−1,086	−66	−45	−51	−60	−25
Currency claims acquired	20,139	813	11,498	6,888	428	127	101	176	108
Sales of farm products	15,080	813	11,170	*3,013*	*1*	*(z)*	(z)	69	14
Second-stage operations [12]	5,060	–	329	3,875	427	127	101	108	94
Less: Currencies disbursed	18,399	272	8,696	8,178	573	196	170	191	123
Economic grants and credits to purchasing country	13,431	182	6,863	6,236	75	22	13	25	14
Other uses	4,968	90	1,833	1,940	498	175	157	166	109

– Represents zero. Z Less than $500,000. [1] July 1, 1945, through Dec. 31, 1982. All lend-lease and conversions of prior grants to credits are from V–J Day (Sept. 2, 1945). [2] For details, see table 1462. [3] Foreign Assistance Act of 1961 (P.L. 87–195), as amended. Also includes predecessor and related programs. [4] Includes military assistance under Dept. of Defense Appropriation Act, 1966 (P.L. 89–394) and later acts. [5] Includes funds made available under Public Law 93–199 and subsequent legislation to release Israel from its contractual liability to pay for defense articles and services purchased under other legislation. [6] Net new grants are not adjusted for settlements for postwar relief and other grants under agreements, and net new credits exclude prior grants converted into credits, which were as follows: July 1945–December 1955, $2,186 million; 1956–65, $491 million; 1972, $994 million. Repayments on these settlements are included in net new credits. [7] Developed countries include Australia, Canada, Japan, New Zealand, South Africa, all countries listed under "Western Europe" in table 1462, except Portugal, Spain (through 1981), Yugoslavia, and Malta, and all countries listed under "Eastern Europe" in table 1462. Developing countries include all other countries listed in table 1462 (including Spain through 1981). [8] Agricultural Trade Development and Assistance Act. [9] Outstanding credits on Dec. 31, 1982, totaled $61,877 million representing net credits extended since organization of Export-Import Bank, Feb. 12, 1934, less chargeoffs and net adjustments due to exchange rates ($1,845 million), and excluding World War I debts. The amount repayable in dollars at U.S. Government option was $59,907 million; the remainder was repayable in foreign currencies, commodities, or services, at the option of the borrowers. [10] Commodity Credit Corporation Charter Act. [11] Equivalent value of currencies still available to be used, including some funds advanced from foreign governments and after loss by exchange rate fluctuations ($1,513 million), was $254 million on Dec. 31, 1982. [12] Includes foreign currencies acquired from triangular trade operations and principal and interest collections on credits, originally extended under P.L. 83–480, which—since enactment of P.L. 87–128—are available for the same purposes as P.L. 83–480 currencies.

Source: U.S. Bureau of Economic Analysis, press releases and unpublished data.

No. 1462. U.S. Government Foreign Grants and Credits, by Type and Country: 1945 to 1982

[In millions of dollars. See text, pp. 815 and 816. Negative figures (−) occur when the total of grant returns, principal repayments, and/or foreign currencies disbursed by the U.S. Government exceeds new grants and new credits utilized and/or acquisitions of foreign currencies through new sales of farm products. See also *Historical Statistics, Colonial Times to 1970, series* U 75–186]

TYPE AND COUNTRY	Post WW II period,[1] total	1945–1955, total	1956–1965, total	1966–1975, total	1976–1978, total	1979	1980	1981	1982, prel.
Total, net	**235,468**	**35,134**	**47,317**	**68,851**	**22,679**	**7,901**	**10,988**	**10,617**	**11,981**
Investment in financial institutions	10,344	635	655	2,719	2,838	551	796	1,142	1,007
African Development Fund	25	–	–	–	*25*	–	–	–	–
Asian Development Bank	441	–	–	110	141	29	53	49	59
Inter-American Development Bank	3,482	–	300	*1,321*	*906*	*239*	*233*	*294*	189
Int'l. Bank for Reconst. and Development	900	635	–	13	38	16	16	132	48
International Development Association	5,350	–	320	*1,275*	*1,691*	*241*	*471*	655	697
International Finance Corporation	147	–	35	–	38	26	22	11	14
Under assistance programs	**225,124**	**34,499**	**46,662**	**66,132**	**19,840**	**7,350**	**10,192**	**9,475**	**10,974**
Military grants [2]	72,663	16,445	19,159	28,720	2,922	1,070	1,652	1,153	1,541
Western Europe (excl. Greece and Turkey)	18,135	9,560	6,554	892	283	140	179	220	268
Near East [2] (incl. Greece, Turkey, Egypt) and South Asia	15,581	2,061	3,873	4,007	2,053	787	1,241	734	825
Africa (excl. Egypt)	520	7	166	225	33	6	3	7	73
Far East and Pacific	36,455	4,403	7,618	23,165	499	121	225	162	262
Western Hemisphere	1,500	236	712	384	44	9	3	23	88
Unspecified areas	471	159	237	47	11	6	(z)	7	4
Other grants, credits, and other assistance (through net accumulation of foreign currency claims)	**152,461**	**38,054**	**27,503**	**37,412**	**16,918**	**6,279**	**8,540**	**8,322**	**9,433**
Developed countries [3]	24,900	27,129	−2,097	−71	57	−223	69	341	−306
Developing countries [3]	127,561	10,925	29,600	37,482	16,861	6,502	8,471	7,981	9,739

See footnotes at end of table.

No. 1462. U.S. Government Foreign Grants and Credits, by Country: 1945 to 1982—Continued

[In millions of dollars. See headnote, p. 826. See also *Historical Statistics, Colonial Times to 1970*, series U 75–186]

TYPE AND COUNTRY	Post WW II period, [1] total	1945–1955, total	1956–1965, total	1966–1975, total	1976–1978, total	1979	1980	1981	1982, prel.
Western Europe	**24,164**	**24,770**	**−951**	**140**	**466**	**−118**	**395**	**−69**	**−468**
Austria	1,108	1,019	87	−19	−7	−5	14	12	8
Belgium and Luxembourg	674	726	−70	16	−17	−7	52	−11	−15
Denmark	301	284	−19	38	−13	−3	15	3	−4
France	3,986	5,477	−1,238	−92	−113	−48	−31	35	−4
Germany, Federal Republic of	2,844	3,907	−852	−111	−51	−14	−14	−12	−8
Ireland	96	146	−16	−51	−29	−5	(z)	44	8
Italy	3,238	2,795	120	80	−20	−17	184	123	−28
Malta	84	1	3	47	34	-	-	-	-
Netherlands	806	1,051	−224	115	−21	−29	−27	−33	−26
Norway	293	309	−71	265	−53	−44	−52	−36	−26
Portugal	726	67	93	14	756	94	−99	−117	−80
Spain	1,835	195	685	417	207	134	159	48	−10
Sweden	117	108	−20	17	16	−3	5	−1	−4
United Kingdom	5,253	6,923	−592	−546	−313	−123	178	−125	−208
Yugoslavia	2,105	860	1,042	84	141	−25	22	12	−31
Other [4] and unspecified	696	901	61	−133	−51	−23	−10	−10	−39
Eastern Europe	**2,749**	**1,097**	**501**	**226**	**804**	**206**	**−285**	**174**	**26**
Czechoslovakia	190	191	-	-	-	-	-	-	(z)
Poland	1,706	425	555	−75	621	129	−243	236	57
Romania	125	-	-	92	46	76	−23	−49	−16
Soviet Union	665	425	−59	214	133	−7	−14	−17	−11
Other	63	56	5	−5	5	8	−4	3	−4
Near East and South Asia	**53,399**	**3,163**	**12,338**	**12,530**	**7,738**	**3,276**	**4,618**	**4,477**	**5,258**
Afghanistan	520	31	224	183	45	38	4	−5	−1
Bangladesh	1,711	-	-	701	343	161	175	129	202
Cyprus	159	-	19	20	92	14	17	−1	−2
Egypt	8,482	41	1,009	271	1,269	890	1,470	1,400	2,133
Greece	2,160	1,324	330	221	455	24	−52	−66	−75
India	9,824	399	4,796	3,791	248	94	168	242	86
Iran	853	211	477	706	−384	−158	(z)	(z)	(z)
Israel	14,220	390	483	2,176	4,222	1,563	1,858	1,797	1,730
Jordan	1,888	26	455	455	311	85	160	247	150
Lebanon	276	15	70	83	52	10	18	32	−5
Nepal	292	3	86	103	34	8	17	20	21
Pakistan	5,353	178	2,416	2,044	381	18	67	94	155
Sri Lanka (Ceylon)	514	(z)	89	149	100	39	55	33	49
Syria	309	1	57	15	90	80	23	17	27
Turkey	5,052	385	1,418	1,026	315	337	538	376	657
Yemen Arab Republic	164	-	40	24	22	9	16	25	29
UNRWA [5]	1,085	131	274	296	145	50	54	65	69
Other and unspecified	536	28	97	264	−2	14	29	73	34
Africa	**11,519**	**143**	**2,096**	**3,358**	**1,707**	**750**	**1,109**	**1,253**	**1,104**
Algeria	1,065	1	135	263	221	150	125	172	(z)
Angola	95	-	-	6	−1	1	8	46	35
Benin	52	-	7	12	19	4	2	4	3
Botswana	129	-	(z)	35	26	11	16	21	19
Burundi	41	-	4	5	7	3	5	9	8
Cameroon	188	-	16	50	17	14	25	52	14
Cape Verde	47	-	-	1	15	4	6	9	12
Chad	81	(z)	5	20	30	12	6	2	6
Ethiopia	390	9	109	176	59	13	20	4	(z)
Ghana	370	(z)	64	203	43	20	16	19	5
Guinea	182	-	56	67	27	4	7	17	1
Ivory Coast	117	-	14	57	13	1	27	9	−5
Kenya	414	(z)	34	76	97	27	50	87	42
Lesotho	136	-	(z)	27	19	11	20	33	26
Liberia	445	25	135	80	24	9	30	75	66
Libya	206	25	183	−2	-	-	-	-	-
Madagascar	52	(z)	7	13	4	2	(z)	11	14
Malawi	66	-	5	30	14	4	4	5	3
Mali	166	-	10	57	27	15	25	18	15
Mauritania	97	-	1	20	17	6	17	22	13
Morocco	1,220	7	443	382	199	36	40	51	61
Mozambique	96	-	-	1	30	24	17	21	4
Niger	156	-	5	64	27	17	10	12	22
Nigeria	356	(z)	87	283	−10	−3	−3	7	−5
Rwanda	59	-	2	13	10	5	7	12	11
Senegal	247	-	15	48	45	32	38	37	33
Sierra Leone	112	(z)	22	36	25	5	9	6	7

See footnotes at end of table.

No. 1462. U.S. Government Foreign Grants and Credits, by Type and Country: 1945 to 1982—Continued

[**In millions of dollars.** See headnote, p. 826. See also *Historical Statistics, Colonial Times to 1970*, series U 75-186]

TYPE AND COUNTRY	Post WW II period,[1] total	1945-1955, total	1956-1965, total	1966-1975, total	1976-1978, total	1979	1980	1981	1982, prel.
Africa—Continued									
Somalia	325	(Z)	42	47	19	22	70	70	54
Sudan	593	-	86	52	16	25	73	105	236
Swaziland	40	-	(Z)	8	4	3	11	7	7
Tanzania	354	2	34	123	83	24	30	31	27
Togo	62	-	9	18	9	7	6	7	7
Tunisia	1,015	2	392	344	77	10	50	25	116
Uganda	72	-	12	33	(Z)	(Z)	15	10	2
Upper Volta	213	-	5	40	44	24	31	41	27
Zaire	1,181	(Z)	248	321	215	100	148	65	85
Zambia	237	-	1	35	74	40	42	29	15
Zimbabwe	81	-	(Z)	(Z)	-	-	26	28	27
Other and unspecified	761	71	−95	315	160	69	77	75	89
Far East and Pacific	**31,584**	**6,754**	**7,785**	**10,819**	**3,041**	**973**	**834**	**794**	**583**
Australia	234	1	(Z)	276	−132	−29	(Z)	81	37
Burma	127	22	76	16	9	(Z)	(Z)	(Z)	5
China: Mainland	14	-	-	-	-	-	1	2	12
China: Taiwan	2,876	450	862	514	267	171	388	192	32
Hong Kong	127	3	35	41	(Z)	−5	10	32	11
Indonesia	3,025	246	437	1,289	674	214	137	13	14
Japan and Ryukyu Islands	2,393	2,523	328	−382	56	−69	−49	66	−83
Kampuchea	932	28	228	593	1	5	44	25	7
Korea, Republic of	8,043	1,358	2,517	2,017	1,292	228	101	192	339
Laos	908	37	398	472	-	-	-	-	-
Malaysia	107	1	30	84	43	−16	−10	−19	−6
New Zealand	70	5	−2	95	15	−3	−4	−18	−19
Philippines	2,255	833	297	497	381	141	33	45	29
Singapore	219	-	(Z)	78	52	93	25	−14	−15
Thailand	959	39	324	281	103	107	31	31	44
Trust Territory of the Pacific Islands	1,412	30	89	488	281	125	108	133	157
Vietnam	6,691	245	2,088	4,359	-	-	-	-	-
Other and unspecified	1,191	933	78	101	−2	11	21	30	19
Western Hemisphere	**16,644**	**1,151**	**4,469**	**6,367**	**1,244**	**361**	**687**	**585**	**1,779**
Argentina	340	86	294	−5	17	−29	−30	−25	30
Bahamas	2	(Z)	(Z)	29	−24	−3	−2	2	−1
Bermuda	−1	-	-	18	−16	−1	−1	-	-
Bolivia	832	77	275	239	123	36	29	20	31
Brazil	3,010	470	1,200	1,456	150	−17	−28	−80	−142
Canada	475	−1	−5	272	−15	−9	95	47	91
Chile	944	85	651	691	−91	−184	−68	−87	−52
Colombia	1,228	31	386	796	29	−6	6	−5	−8
Costa Rica	289	16	81	102	20	8	3	12	46
Dominican Republic	727	−1	173	341	27	59	30	25	73
Ecuador	303	27	96	125	37	8	16	1	−7
El Salvador	544	4	52	87	33	10	49	112	196
Guatemala	456	23	136	141	84	17	15	20	21
Guyana	113	(Z)	7	71	17	3	3	7	5
Haiti	366	27	70	42	75	29	37	43	44
Honduras	391	6	50	104	53	28	20	45	84
Jamaica	365	16	2	119	34	19	12	56	106
Mexico	2,360	226	177	304	126	103	180	159	1,084
Nicaragua	397	8	60	137	63	29	78	15	6
Panama	401	10	102	203	52	5	13	4	12
Paraguay	147	4	63	68	9	2	−1	(Z)	2
Peru	788	42	212	239	211	95	−2	−8	−2
Trinidad and Tobago	228	-	35	21	−8	29	89	51	11
Uruguay	149	6	54	88	1	−3	−3	−4	10
Venezuela	285	6	146	107	−44	13	18	39	−1
Other[6] and unspecified	1,505	−20	152	571	281	119	128	133	142
Other international organizations and unspecified areas	**12,400**	**976**	**1,265**	**3,971**	**1,918**	**830**	**1,181**	**1,108**	**1,149**

- *Represents zero.* Z Less than $500,000. [1] July 1, 1945, through Dec. 31, 1982; see footnote 1, table 1461. [2] See table 1461, footnote 5. [3] See table 1461, footnote 7. [4] Includes European Atomic Energy Community, European Coal and Steel Community, European Payments Union, European Productivity Agency, North Atlantic Treaty Organization, and former Organization for European Economic Cooperation. [5] United Nations Relief and Works Agency for Palestine refugees. [6] Includes Caribbean Development Bank, Central American Bank for Economic Integration, Inter-American Institute of Agricultural Sciences, Organization of American States, and Pan American Health Organization.

Source: U.S. Bureau of Economic Analysis, *press releases and unpublished data.*

No. 1463. U.S. Foreign Economic and Military Aid Programs: 1946 to 1982

[**In millions of dollars.** For years ending **June 30** except, beginning **1977**, ending **Sept. 30.** Economic aid shown here represents total U.S. economic aid—not just aid under Foreign Assistance Act. Major components in recent years include AID, Food for Peace, Peace Corps, and paid-in subscriptions to international financial institutions, such as IBRD, and IDB. Cumulative totals for 1946–1982 are true totals net of deobligation; annual figures however, are gross unadjusted program figures. Military aid includes *Military Assistance Program (MAP) grants, foreign military credit sales, service-funded programs, and excess defense articles*]

PERIOD OR YEAR AND REGION	Total economic and military aid	ECONOMIC AID			MILITARY AID		
		Total	Loans	Grants	Total	Loans	Grants
1946–1982, total	**251,929**	**157,019**	**50,162**	**106,857**	**94,910**	**22,984**	**71,926**
1946–1952	41,661	31,116	8,518	22,598	10,545	–	10,545
1953–1961	43,358	24,053	5,850	18,203	19,305	161	19,144
1962–1969	50,254	33,392	15,421	17,972	16,862	1,620	15,242
1970–1982	120,552	72,180	22,566	49,615	48,374	21,260	27,113
1970	6,568	3,676	1,389	2,286	2,892	70	2,822
1971	7,838	3,442	1,299	2,143	4,396	743	3,653
1972	9,021	3,940	1,639	2,301	5,080	550	4,530
1973	9,472	4,117	1,391	2,726	5,356	550	4,805
1974	8,510	3,906	1,150	2,756	4,604	1,396	3,208
1975	6,916	4,908	1,679	3,229	2,009	750	1,259
1976	6,412	3,878	1,759	2,119	2,535	1,442	1,093
1976, TQ [1]	2,603	1,931	840	1,091	672	494	178
1977	7,784	5,594	2,083	3,511	2,190	1,411	779
1978	9,014	6,661	2,530	4,131	2,353	1,601	752
1979	13,845	7,120	1,900	5,220	6,725	5,173	1,552
1980	9,695	7,573	1,993	5,580	2,122	1,450	672
1981	10,550	7,305	1,460	5,845	3,245	2,546	699
1982	12,324	8,129	1,454	6,675	4,195	3,084	1,111
Near East and South Asia	6,057	2,958	663	2,295	3,099	2,280	820
East Asia	630	277	102	175	352	341	12
Europe	324	130	–	130	195	170	25
Latin America	991	840	480	359	151	65	86
Africa	1,273	954	204	751	319	228	91
Oceania and other	6	6	–	6	–	–	–
Non-regional	3,043	2,963	5	2,959	79	–	79

– Represents zero. [1] Transition quarter, July–Sept.

No. 1464. U.S. Foreign Military Aid, by Regions and Selected Countries: 1962 to 1982

[**In millions of dollars, except percent.** For years ending **Sept. 30,** except as indicated. Military aid data include Military Assistance Program (MAP) grants, foreign military credit sales, International Military Education and Training, and excess defense articles]

REGION AND *COUNTRY*	1962–1982 [1]		1980, *total*	1981, *total*	1982, *total*
	Total	Percent grants			
Total	**65,236**	**65**	**2,122**	**3,244**	**4,195**
Near East and South Asia [2]	**27,967**	**40**	**1,484**	**2,473**	**3,099**
Egypt	2,955	7	1	551	902
Greece	2,582	44	148	178	281
India	147	81	(z)	(z)	(z)
Iran	845	40	–	–	–
Israel	15,712	40	1,000	1,400	1,400
Jordon	1,081	50	79	44	57
Lebanon	148	6	22	20	11
Oman	80	1	25	25	30
Pakistan	209	95	–	–	1
Saudia Arabia	224	4	–	–	–
Turkey	3,956	60	208	253	403
Latin America [2]	**1,952**	**47**	**21**	**60**	**151**
Argentina	262	33	–	–	–
Brazil	414	34	–	–	–
Chile	*146*	*58*	–	–	–
Colombia	199	42	(z)	(z)	11
Ecuador	87	46	3	4	5
El Salvador	140	74	10	36	82
Honduras	72	39	4	9	31
Peru	176	47	3	4	5
Venezuela	122	23	–	(z)	(z)
East Asia [2]	**29,609**	**90**	**284**	**335**	**352**
Indonesia	472	52	33	32	42
Japan	241	85	–	–	–
Kampuchea	1,197	100	–	–	–
Korea	6,182	75	131	163	167
Laos	1,462	100	–	–	–
Malaysia	171	4	7	10	11
Philippines	726	66	76	76	51
Thailand	*1,382*	*78*	*37*	*55*	*81*
Vietnam	15,798	100	–	–	–
Taiwan	1,894	71	(z)	(z)	–
Africa [2]	**1,537**	**30**	**119**	**135**	**319**
Ethiopia	224	84	–	–	–
Kenya	149	9	21	7	33
Morocco	374	14	26	34	31
Somalia	66	24	20	20	25
Sudan	167	33	25	32	101
Tunisia	279	18	16	16	96
Zaire	175	25	7	7	11
Europe [2]	**2,239**	**62**	**158**	**179**	**195**
Italy	269	100	–	–	–
Norway	199	100	–	–	–
Portugal	283	84	32	53	67
Spain	1,239	41	126	126	127
Oceania and other	**95**	**3**	**(z)**	**(z)**	**(z)**
Non-regional	**1,845**	**99**	**56**	**64**	**79**

– Represents zero. Z Less than $500,000. [1] From 1962 to 1976, years ended June 30. Includes transition quarter, July 1, 1976 to Sept. 30, 1976. [2] Totals include amounts not shown separately. Regional totals include aid to entire regions or subregions.

Source of tables 1463 and 1464: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance from International Organizations*, annual.

No. 1465. U.S. Foreign Aid—Commitments for Economic Assistance, by Regions and Selected Countries: 1962 to 1982

[In millions of dollars, except percent. Falls under economic portion of the Foreign Assistance Act. Data cover commitments for economic and technical assistance by AID and predecessor agencies. For *years ending* **Sept. 30**, except as indicated. See text, pp. 815 and 816]

Region and country	Gross cumulative total, 1962–1982 [1]		1980, total	1981, total	1982, total
	Total	Percent grants			
Economic assistance	**58,639**	**62**	**4,062**	**4,209**	**4,990**
Near East and South Asia [2]	**23,235**	**49**	**2,200**	**2,096**	**2,307**
Bangladesh	910	76	80	80	74
Cyprus	151	99	15	14	15
Egypt	5,905	55	665	829	771
Greece	135	15	–	–	–
India	3,448	5	103	105	99
Iran	104	48	–	–	–
Israel	6,075	77	785	784	806
Jordan	1,010	76	69	10	15
Nepal	128	93	13	14	16
Pakistan	2,141	12	–	–	100
Sri Lanka	239	11	31	46	49
Syria	464	8	–	–	–
Turkey	1,859	33	198	200	300
Yemen Arab Rep	134	96	12	19	23
Regional	179	100	22	11	16
East Asia [2]	**9,444**	**79**	**188**	**180**	**219**
China, Taiwan	70	11	–	–	70
Indonesia	1,187	22	83	69	68
Kampuchea	379	100	–	–	–
Korea	1,080	54	–	–	–
Laos	648	99	–	–	–
Philippines	692	47	60	69	89
Thailand	524	80	26	26	31
Vietnam	4,490	99	–	–	–
East Asia Regional	339	100	18	14	23
Europe [2]	**825**	**51**	**50**	**37**	**99**
Italy	110	100	3	5	52
Malta	76	93	–	–	76
Portugal	520	24	40	25	20
Spain	88	100	7	7	22
Latin America [2]	**8,515**	**27**	**289**	**377**	**614**
Argentina	143	12	–	–	–
Bolivia	471	30	5	2	2
Brazil	1,480	11	–	–	–
Chile	645	6	(Z)	–	–
Colombia	991	7	(Z)	–	–
Costa Rica	193	20	14	12	32
Latin America [2]— Con.					
Dominican Rep	514	34	35	17	60
Ecuador	193	35	6	13	17
El Salvador	398	48	52	78	155
Guatemala	225	36	8	9	8
Guyana	120	25	3	1	2
Haiti	142	81	11	9	12
Honduras	327	25	46	26	66
Jamaica	270	13	3	54	119
Mexico	70	6	–	–	–
Nicaragua	300	22	19	58	6
Panama	300	23	1	9	12
Paraguay	94	48	1	2	–
Peru	374	27	19	35	36
Uruguay	82	23	–	–	–
Venezuela	57	30	–	–	–
ROCAP [3]	306	23	4	11	13
Regional	545	91	15	15	22
Africa [2]	**5,331**	**69**	**435**	**505**	**643**
Botswana	82	79	13	11	11
Cameroon	78	62	6	8	15
Ethiopia	233	41	–	–	–
Ghana	236	27	10	5	1
Guinea	65	85	5	3	1
Kenya	251	60	32	20	39
Liberia	309	67	16	37	47
Malawi	65	51	4	6	8
Mali	116	89	16	15	10
Morocco	226	32	9	12	12
Niger	84	93	10	14	13
Nigeria	349	66	–	–	–
Senegal	91	99	10	15	16
Somalia	135	87	17	12	34
Sudan	355	90	70	75	125
Tanzania	169	75	15	22	11
Tunisia	311	35	11	25	5
Upper Volta	77	100	9	14	11
Zaire	324	57	7	11	10
Zambia	146	14	24	21	20
Zimbabwe	125	100	23	25	75
Regional	571	85	54	47	57
Oceania and other	**11**	**100**	**5**	**4**	**–**
Non-regional	**11,279**	**99**	**896**	**1,009**	**1,108**

– *Represents zero.* Z Less than $500,000. [1] From 1962 to 1976, years ended June 30. Includes transition quarter, July 1 to Sept. 30, 1976. [2] Includes countries not shown separately. [3] Regional programs covering Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, and Panama.

Source: U.S. Agency for International Development, *U.S Overseas Loans and Grants and Assistance from International Organizations*, annual; and unpublished data.

No. 1466. U.S. Exports Financed by Foreign and Agricultural Aid: 1960 to 1982

[**In millions of dollars, except percent.** See headnote, table 1463]

Item	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Exports financed by aid [1]	2,685	3,242	2,543	1,991	2,351	1,939	1,938	2,217	2,114	1,923	1,926	1,604
Percent of total exports [2]	13.0	11.8	5.9	2.0	2.2	1.7	1.6	1.5	1.2	.9	.8	.8
Loans and grants (AID)	432	1,140	957	570	665	671	802	938	710	673	588	567
Military grant-aid	949	779	565	599	461	190	62	85	165	156	62	81
Agricultural aid (P.L. 480)	[3] 1,304	[3] 1,323	1,021	822	1,226	1,078	1,074	1,144	1,239	1,094	1,276	956
Sales for foreign currencies	1,014	899	276	–	–	–	–	–	–	–	–	–
Donations	178	253	255	315	302	307	368	350	416	329	504	228
Long-term dollar and convertible foreign currency credit sales	–	152	490	507	924	771	706	794	821	765	772	727

– *Represents zero.* [1] Foreign Assistance Act and Public Law 480; see table 1168. [2] For total exports, see table 1467. [3] Includes barter for strategic materials.

Source: U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports, U.S. Foreign Trade*, annual.

No. 1467. U.S. Exports and Imports of Merchandise: 1970 to 1982

[**In billions of dollars, except per capita and percent.** Includes silver ore and bullion; beginning 1974, includes shipments of nonmonetary gold. For basis of dollar values, see text, pp. 816 and 817. "Special Category" commodities are grouped separately for security reasons. See also *Historical Statistics, Colonial Times to 1970*, series U 190-195 and U 207-212]

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total exports [1]	**43.2**	**49.8**	**71.3**	**98.5**	**107.7**	**115.3**	**121.2**	**143.8**	**182.0**	**220.8**	**233.7**	**212.3**
Domestic	42.6	49.0	70.2	97.1	106.1	113.7	119.0	141.2	178.8	216.7	229.0	207.2
Avg. annual percent change [2]	13.7	12.6	43.3	38.3	9.2	7.2	4.7	18.6	26.6	21.2	5.7	−9.5
Excl. Special Category	41.9	48.6	69.8	96.4	104.6	112.4	117.9	139.2	175.6	213.3	224.8	200.6
Special Category	1.4	1.2	1.6	2.1	3.0	2.6	3.2	4.5	3.0	3.3	4.2	6.5
Foreign (initially imports)	.6	.8	1.1	1.4	1.5	1.7	2.2	2.5	3.2	4.1	4.8	5.1
Total exports, excluding M.A.P. [3]	42.7	49.2	70.8	97.9	107.1	115.2	121.2	143.7	181.7	220.6	233.7	212.2
M.A.P. [3] Grant-Aid [4]	.6	.6	.5	.6	.5	.2	.1	.1	.2	.2	.1	.1
General imports [5]	**40.0**	**55.6**	**69.5**	**102.6**	**98.5**	**123.5**	**150.4**	**174.8**	**209.5**	**244.9**	**261.3**	**244.0**
Avg. annual percent change [2]	10.8	21.9	25.0	47.6	−4.0	25.4	21.8	16.2	19.9	16.0	6.7	−6.6
Merchandise trade balance [6]	**2.7**	**−6.3**	**1.3**	**−4.7**	**8.6**	**−8.7**	**−29.2**	**−31.1**	**−27.6**	**−24.3**	**−27.6**	**−31.8**
Per capita [7] **(dollars):**												
Domestic exports	208	235	331	454	491	522	540	634	794	954	997	893
General imports	195	266	330	480	456	567	683	785	931	1,078	1,137	1,051
Imports for consumption [8]	**39.8**	**55.3**	**69.0**	**100.1**	**96.5**	**121.1**	**147.1**	**172.9**	**205.9**	[9] **244.0**	**259.0**	**242.3**
Free	13.9	18.9	28.3	52.1	31.0	37.2	43.6	51.8	103.3	107.0	76.3	75.9
Percent of total	35	34	41	52	32	31	30	30	50	45	29	31
Dutiable	*25.9*	*36.4*	*40.8*	*48.1*	*65.5*	*83.9*	*103.4*	*121.1*	*102.6*	*133.0*	*182.7*	*166.5*
Duties calculated	2.6	3.1	3.6	3.8	3.8	4.7	5.5	7.2	7.2	7.5	8.9	8.7
Percent of imports	6.5	5.6	5.2	3.8	3.9	3.9	3.7	4.2	3.5	3.1	3.4	3.6

[1] Includes "Special Category" items and beginning 1974, includes trade of Virgin Islands with foreign countries. [2] From previous year. [3] M.A.P. = Military Assistance Program. [4] Represents shipments only from U.S. and may differ from U.S. Dept. of Defense figures because of differences in statistical definitions. [5] 1970–1973 and 1982, customs value basis; 1974–1981, f.a.s. value basis. Beginning 1974, includes trade of Virgin Islands with foreign countries. [6] For figures adjusted to balance of payments basis, see table 1453. Total domestic and foreign exports excluding M.A.P. Grant-Aid shipments, minus general imports. [7] Based on estimated population including Armed Forces abroad as of July 1, except 1970 and 1980 as of April 1. [8] Customs value basis. [9] Includes revisions not carried to free and dutiable values; therefore, these values will not add to total.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.

No. 1468. U.S. Exports and Imports for Consumption of Merchandise by Customs Regions: 1970 to 1982

[**In billions of dollars.** Exports include reexports; imports are on customs value basis. See *Historical Statistics, Colonial Times to 1970*, series U 264-273, for related data]

CUSTOMS REGIONS	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Exports, total [1]	**43.2**	**49.7**	**71.3**	**98.5**	**107.6**	**115.0**	**121.2**	**143.7**	**181.8**	[2] **220.8**	**233.7**	**212.3**
Boston	3.3	4.5	5.7	7.7	7.8	8.7	9.6	10.3	12.4	14.3	15.4	13.7
New York	10.0	9.8	12.7	17.5	18.7	19.4	19.9	23.6	32.8	38.9	35.8	31.2
Baltimore	3.9	4.4	6.3	10.3	12.5	13.1	12.3	14.4	18.0	21.5	22.2	21.5
Miami	2.0	2.7	3.5	5.4	6.2	7.3	8.7	10.3	13.6	17.5	19.8	18.5
New Orleans	3.9	4.6	7.5	10.7	11.3	12.2	12.8	14.8	18.0	22.0	23.3	21.3
Houston	4.0	4.6	7.9	11.3	12.9	12.5	12.2	15.4	21.3	28.3	31.5	27.3
Los Angeles	2.5	2.4	4.1	5.9	6.4	7.1	7.3	9.2	13.0	17.0	19.6	18.4
San Francisco	4.9	5.6	8.8	11.7	11.5	13.1	13.4	17.1	23.5	29.3	30.6	26.6
Chicago	*6.2*	*8.7*	*11.5*	*13.5*	*15.3*	*17.1*	*18.8*	*21.8*	*23.5*	*25.2*	*28.2*	*24.9*
Imports, total [1]	***40.0***	***55.6***	***69.0***	***100.1***	***96.5***	***121.1***	***147.9***	***172.9***	***205.9***	[2] ***244.0***	***259.0***	***242.3***
Boston	5.7	7.5	9.0	11.0	9.9	12.4	14.7	17.9	19.9	21.6	24.4	24.3
New York	10.1	12.6	15.6	20.4	18.1	22.0	26.1	33.2	37.8	43.4	44.1	41.2
Baltimore	3.9	5.6	7.3	12.7	11.9	13.2	15.4	15.4	22.2	26.8	26.9	24.3
Miami	2.4	4.1	4.8	7.1	6.4	7.9	9.2	11.2	12.8	14.9	20.3	19.7
New Orleans	1.6	2.1	2.9	5.7	6.8	9.3	13.1	14.1	19.2	25.5	26.1	20.4
Houston	1.8	2.7	3.8	7.9	8.8	12.6	17.4	20.7	28.1	34.7	36.2	30.0
Los Angeles	3.3	4.9	6.5	9.0	8.6	11.1	13.6	16.3	18.8	22.2	24.4	24.6
San Francisco	3.6	5.1	6.4	10.5	10.6	13.3	16.0	17.8	20.8	25.0	26.6	26.5
Chicago	7.3	10.6	12.4	15.3	15.1	18.9	21.4	23.3	25.9	25.6	29.7	31.0

[1] Includes data on low-value shipments not distributed by customs region. [2] Includes revisions not carried to customs regions.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.

No. 1469. Export and Import Unit Value Indexes—Selected Countries: 1978 to 1982

[Indexes in U.S. dollars, 1980=100. A unit value is an implicit price derived from value and quantity data]

Country	Export unit value					Import unit value				
	1978	1979	1980	1981	1982	1978	1979	1980	1981	1982
United States	77	88	100	109	110	67	80	100	106	104
Australia	73	86	100	102	95	66	78	100	103	(NA)
Austria	82	92	100	86	84	76	86	100	90	84
Belgium	74	90	100	86	80	73	86	100	90	84
Canada	72	85	100	104	102	77	86	100	108	107
Denmark	84	95	100	90	86	74	89	100	93	88
France	77	90	100	88	83	72	84	100	92	85
Germany, Fed. Rep	82	93	100	87	85	72	87	100	90	85
Italy	71	85	100	92	90	66	80	100	103	94
Norway	62	75	100	99	95	76	87	100	89	82
Sweden	73	87	100	91	82	72	87	100	91	83
Switzerland	82	91	100	88	88	73	83	100	80	79
United Kingdom	67	81	100	93	86	66	80	100	95	89

NA Not available.

Source: International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly.

No. 1470. U.S. Exports and Imports—Indexes of Total Value, Unit Value (Average Price), and Quantity: 1970 to 1982

[1977 average=100. See headnote, table 1469. See also *Historical Statistics, Colonial Times to 1970*, series U 225-248]

Economic class	Index of exports of U.S. merchandise							Index of general imports						
	1970–1975, avg.	1975	1978	1979	1980	1981	1982	1970–1975, avg.	1975	1978	1979	1980	1981	1982
Total value	**57.3**	**89.7**	**119.7**	**151.3**	**183.6**	**194.1**	**175.6**	**46.6**	**66.5**	**118.9**	**142.1**	**165.5**	**179.1**	**167.4**
Foods: Crude	70.8	125.0	134.7	167.2	205.2	223.3	174.7	44.7	51.5	102.5	108.8	108.5	102.0	102.4
Manufactured	56.7	78.8	124.1	141.5	177.7	191.3	159.5	*73.6*	*88.4*	*120.4*	*142.5*	*154.0*	*160.7*	*145.9*
Materials, crude	78.8	116.5	112.0	143.7	170.0	166.2	160.7	25.0	57.8	98.5	137.5	180.5	179.7	136.8
Manufactures: Semi	64.9	90.8	133.9	219.4	268.5	245.0	216.2	*52.5*	*69.1*	*116.5*	*136.9*	*150.8*	*161.2*	*144.0*
Finished	55.1	87.9	116.1	138.6	168.1	186.3	171.6	54.4	70.2	134.0	150.5	169.1	195.6	204.2
Unit value	**67.4**	**92.8**	**106.9**	**121.6**	**138.1**	**150.8**	**152.5**	**59.8**	**89.4**	**107.9**	**128.7**	**161.4**	**170.3**	**167.5**
Foods: Crude	84.1	128.2	108.3	125.6	140.0	146.6	127.9	39.2	46.1	93.4	96.6	109.8	97.1	92.2
Manufactured	76.7	99.8	108.4	118.8	121.4	127.3	118.0	87.5	122.1	111.7	133.8	169.5	164.5	149.6
Materials, crude	58.3	88.4	100.4	115.5	122.1	125.0	116.7	46.1	86.0	102.7	137.7	224.2	249.0	232.4
Manufactures: Semi	69.7	100.9	106.7	133.6	167.6	166.2	154.7	57.4	91.9	106.6	142.0	171.3	172.6	157.9
Finished	67.0	87.4	107.9	119.4	134.8	154.2	165.7	66.6	92.8	112.4	123.1	134.9	142.2	147.6
Quantity	**82.3**	**96.6**	**111.9**	**124.5**	**132.9**	**128.8**	**115.1**	**77.4**	**74.4**	**110.2**	**110.4**	**102.5**	**105.2**	**99.9**
Foods: Crude	78.4	97.5	124.5	133.1	146.6	152.3	136.6	114.5	112.0	109.7	112.7	*104.5*	105.0	111.1
Manufactured	73.1	79.0	114.6	119.2	146.3	150.3	135.2	84.7	72.4	107.8	106.5	90.8	97.7	97.5
Materials, crude	88.8	88.1	111.6	124.5	139.3	132.9	137.7	53.3	67.3	*95.9*	*99.8*	*80.5*	72.2	58.9
Manufactures: Semi	92.0	90.0	125.6	164.9	159.1	147.4	141.0	92.4	75.2	109.3	96.5	88.1	93.4	91.2
Finished	79.9	100.6	107.7	116.1	124.7	120.8	103.6	81.0	75.7	119.2	*122.2*	*125.4*	137.6	138.3

Source: U.S. Bureau of the Census, *Indexes of U.S. Exports and Imports by Economic Class, 1919-1971*, and unpublished data.

No. 1471. U.S. Exports and Imports—Value, by Broad End-Use Class: 1967 to 1982

[In billions of dollars. Data are adjusted to balance of payments basis, excluding military; for details, see source. Exports include re-exports. See also *Historical Statistics, Colonial Times to 1970*, series U 249-263]

End-use class	1967	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982 [1]
Exports, total [2]	**30.7**	**42.5**	**71.4**	**98.3**	**107.1**	**114.7**	**120.8**	**142.1**	**184.5**	**224.2**	**237.0**	**211.2**
Foods, feeds, and beverages	5.0	5.9	15.2	18.6	19.2	19.8	19.7	25.2	30.0	35.7	38.2	31.5
Industrial supplies and materials	10.0	13.8	19.8	29.9	29.8	32.0	34.3	39.0	58.1	71.9	70.0	63.6
Capital goods, except automotive	9.9	14.6	22.0	30.9	36.6	39.1	39.8	46.5	58.8	74.2	81.5	73.8
Automotive vehicles and parts [3]	2.8	3.9	7.0	8.8	10.8	12.2	13.5	15.7	18.4	17.5	19.8	17.1
Consumer goods (nonfood) [4]	2.1	2.8	4.8	6.4	6.6	8.0	8.9	10.4	12.8	16.6	16.4	14.8
General imports, total [2]	**26.9**	**39.9**	**70.5**	**103.8**	**98.2**	**124.2**	**151.9**	**176.0**	**212.0**	**249.7**	**265.1**	**247.6**
Foods, feeds, and beverages	4.6	6.1	9.1	10.6	9.6	11.5	14.0	15.4	17.4	18.1	18.1	17.1
Industrial supplies and materials	12.0	15.3	27.6	54.0	50.6	63.7	79.9	83.6	109.0	133.3	135.2	111.0
Capital goods, except automotive	2.5	4.0	8.3	9.8	10.2	12.3	14.0	19.7	25.0	31.2	36.7	38.3
Automotive vehicles and parts [3]	2.4	5.5	10.7	12.4	12.1	16.8	19.4	25.0	26.4	27.9	30.9	34.3
Consumer goods (nonfood) [4]	4.2	7.4	12.9	14.4	13.2	17.2	21.8	28.9	30.6	34.4	38.7	39.7

[1] Preliminary. [2] Includes other end-use items, not shown separately. [3] Includes engines. [4] Excludes automotive.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1983.

No. 1472. Domestic Exports and General Imports of Leading Commodities—Value, by Areas: 1981 and 1982

[In millions of dollars, except percent. Includes nonmonetary gold. Exports are f.a.s. (free alongside ship) transaction value basis; imports are f.a.s. value basis in 1981; customs value in 1982]

SELECTED COMMODITIES	1981					1982				
	Total [1]	Canada	American Republics	Western Europe	Far East	Total [1]	Canada	American Republics	Western Europe	Far East
Domestic exports, total	**228,961**	**38,298**	**36,202**	**63,747**	**48,304**	**207,158**	**32,502**	**29,070**	**58,373**	**48,222**
Agricultural commodities	43,338	1,989	5,810	12,141	14,062	36,623	1,805	3,660	11,342	12,223
Nonagricultural commodities	185,623	36,309	32,392	51,606	34,242	170,535	30,697	25,210	47,031	35,999
Food and live animals	30,291	1,638	4,698	6,525	9,303	23,950	1,497	2,786	5,551	8,002
Meat and meat preparations	1,482	104	159	301	595	1,285	91	103	243	630
Grain and cereal preparation	19,457	188	2,964	3,067	6,784	14,747	148	1,799	2,454	10,064
Wheat and wheat flour	8,073	1	1,571	837	3,115	6,869	(z)	1,230	524	2,826
Corn	8,014	84	737	2,011	2,452	5,683	44	218	1,562	2,087
Beverages and tobacco	2,915	50	157	1,161	824	3,026	63	166	1,231	898
Crude materials, ex. fuels	20,993	1,828	1,604	7,983	8,257	19,248	1,364	1,325	7,765	7,451
Soybeans	6,200	73	285	3,586	1,835	6,240	72	216	3,829	1,600
Logs and lumber	2,059	270	99	324	1,197	2,095	183	76	312	1,386
Metal ores and scrap	2,718	524	260	883	963	2,174	324	121	813	829
Mineral fuels and related materials	10,279	1,504	772	4,143	2,822	12,729	1,927	1,688	4,808	3,358
Bituminous coal	5,806	904	228	2,860	1,691	5,934	987	282	2,794	1,743
Chemicals and related products	21,187	2,478	4,469	6,251	5,352	19,891	2,183	3,670	5,997	5,638
Manufactured goods	20,633	4,486	4,727	4,286	3,350	16,739	3,375	3,194	3,577	3,099
Textile yarn, fabric, articles	3,619	666	647	823	652	2,784	503	484	656	404
Iron and steel	2,880	778	1,021	323	260	2,101	434	558	246	287
Machinery	62,946	11,173	12,341	17,039	10,744	60,308	9,705	9,942	17,186	16,341
Power generating	9,465	2,232	1,665	2,635	1,266	9,461	2,095	1,308	2,654	1,537
Agricultural [2]	3,523	1,356	656	356	117	3,544	1,190	550	694	177
General industrial	11,542	2,312	2,637	2,113	1,481	9,873	1,829	1,857	1,952	1,534
Office machinery and computers	9,810	1,281	932	5,273	1,437	10,206	1,375	865	5,360	1,627
Telecommunications	3,856	447	990	1,074	753	3,864	413	804	1,073	901
Electrical [3]	11,494	1,644	2,041	3,489	3,541	11,285	1,490	1,693	2,811	3,923
Transport equipment	32,791	9,598	5,416	6,518	3,464	23,628	8,028	3,040	4,262	3,120
Automobile, motor vehicles [4]	16,214	8,480	3,193	1,371	532	13,907	7,539	2,078	1,259	521
Aircraft and parts	14,738	976	1,679	4,766	2,738	11,775	636	685	3,125	2,499
Professional, scientific, and controlling instruments	5,980	866	777	2,315	1,113	6,003	806	852	2,231	1,269
General imports, total	**261,305**	**46,414**	**32,023**	**51,855**	**73,490**	**243,952**	**46,477**	**32,513**	**52,346**	**73,358**
Agricultural commodities	17,003	1,167	6,541	3,057	2,777	15,422	1,386	5,528	3,327	2,243
Nonagricultural commodities	244,301	45,247	25,482	48,798	70,712	228,530	45,091	26,985	49,018	71,115
Food and live animals	15,238	1,628	6,867	1,630	1,866	14,453	1,8969	6,095	1,905	1,857
Meat and meat preparations	1,996	263	392	246	2	2,075	368	302	293	14
Fish, incl. shellfish	2,962	754	806	403	622	3,143	755	981	403	646
Vegetables and fruit	2,587	111	1,629	242	447	2,816	123	1,736	329	448
Coffee	2,622	–	1,824	4	280	2,730	(z)	1,833	36	252
Beverages and tobacco	3,138	432	292	2,168	109	3,364	438	376	2,330	99
Crude materials, ex. fuels	11,193	5,313	1,277	789	1,514	8,589	4,258	971	627	1,012
Wood and paper base stocks	3,857	3,614	122	22	53	1,522	1,414	52	32	1
Metal ores and scrap	3,838	1,113	679	189	200	2,684	676	472	101	131
Mineral fuels and related materials	81,417	7,700	13,664	8,065	6,343	65,409	8,082	15,184	8,202	4,885
Crude petroleum	61,940	1,932	8,963	6,732	5,408	45,862	2,225	10,117	6,734	4,081
Petroleum products	13,637	1,125	3,975	1,315	990	13,535	971	4,399	1,436	765
Natural gas	5,720	4,545	712	17	29	5,934	4,890	666	31	45
Chemicals and related products	9,446	2,916	667	3,930	1,279	9,494	2,596	613	4,174	1,235
Manufactured goods	37,292	8,791	2,834	10,158	12,212	33,148	7,611	2,458	9,163	11,427
Paper, paperboard	3,560	3,296	32	186	57	3,506	3,228	26	198	47
Iron and steel	11,211	1,398	537	4,139	4,428	9,613	894	469	3,724	4,099
Nonferrous metals	6,952	2,221	1,204	1,319	929	5,321	1,617	908	1,096	650
Machinery	38,212	5,104	2,789	10,323	19,546	39,684	4,758	3,146	10,238	21,048
Power generating	4,578	1,281	318	2,166	776	4,533	1,271	555	1,861	810
General industrial	4,874	768	124	2,127	1,760	4,839	721	140	2,119	1,781
Telecommunications	8,910	378	849	309	7,353	9,051	400	910	323	7,379
Electrical [3]	9,180	730	1,199	1,451	5,665	10,281	726	1,243	1,584	6,539
Transport equipment	31,415	9,892	408	6,938	13,916	33,635	12,149	371	7,321	13,630
Automobiles, buses, trucks	22,111	6,599	–	4,000	11,497	24,989	8,697	(z)	4,893	11,393
New passenger cars	17,540	4,293	(z)	3,924	9,324	19,757	5,787	(z)	4,800	9,170
Motor vehicle parts	4,106	2,290	314	944	522	4,372	2,561	300	870	616
Clothing	7,537	68	599	437	6,230	8,165	82	557	469	6,852
Footwear	3,019	22	448	905	1,572	3,436	30	435	1,048	1,857

– *Represents zero.* Z Less than $500,000. [1] Includes countries and regions not shown separately [2] Agricultural machinery and parts and tractors, excluding tractor parts. [3] Electrical machinery, apparatus, appliances, and parts. [4] Includes motor vehicle and tractor parts, except tires, engines, and electrical parts.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade,* Report FT 990, December issues.

No. 1473. Exports and Imports of Merchandise, by Continents, Areas, and Countries: 1970 to 1982

[In millions of dollars, except percent. Includes silver ore and bullion. Beginning 1978, data include nonmonetary gold and beginning 1981, data include trade of Virgin Islands with foreign countries, see footnote 2 for exception. See *Historical Statistics, Colonial Times to 1970*, series U 317–352, for selected countries]

CONTINENT, AREA, AND COUNTRY	EXPORTS, DOMESTIC AND FOREIGN								GENERAL IMPORTS							
	1970	1975	1977	1978	1979	1980	1981	1982	1970	1975	1977	1978	1979	1980	1981	1982
Total [1]	**43,224**	**107,592**	**121,212**	**143,663**	**181,816**	[2] **220,783**	**233,739**	**212,275**	**39,952**	**96,902**	**147,671**	**171,978**	**206,256**	**244,871**	**261,305**	**243,952**
Developed countries [3]	29,877	64,780	74,891	85,585	110,579	130,848	135,840	122,541	29,259	56,700	78,620	98,909	111,463	125,306	141,506	141,594
Percent of total	69.1	60.2	61.7	59.6	60.8	59.3	58.1	57.7	73.2	58.5	53.2	57.5	54.0	51.2	54.2	58.0
Developing countries [3]	12,993	39,215	43,307	52,895	62,982	81,125	88,972	82,674	10,442	39,311	67,703	71,230	92,323	117,025	116,343	99,002
Communist areas, total	354	3,092	2,716	4,503	7,408	7,616	7,951	6,554	227	891	1,336	1,831	2,469	2,496	3,452	2,354
Africa	1,580	4,949	5,546	5,887	6,299	9,060	11,097	10,271	1,113	6,299	17,024	16,898	24,362	34,410	27,071	17,770
Asia	10,027	28,223	31,436	39,630	48,771	60,168	63,849	64,822	9,621	27,252	49,312	58,264	66,739	80,299	92,033	85,170
Oceania	1,189	2,340	2,877	3,464	4,319	4,876	6,436	5,700	871	1,508	1,728	2,350	3,072	3,392	3,353	3,131
Europe	14,817	32,732	37,304	39,929	54,342	67,512	65,377	60,054	11,395	21,623	28,802	36,483	41,681	46,602	51,655	52,346
North America	12,367	30,040	34,407	39,400	47,983	56,737	63,934	52,057	13,970	30,976	40,967	46,173	55,337	64,267	69,909	70,094
South America	3,244	8,803	9,272	10,990	13,572	17,377	17,732	15,257	2,958	7,232	9,343	10,308	13,172	14,400	15,527	14,373
Western Hemisphere	**15,612**	**38,843**	**43,751**	**50,394**	**61,555**	**74,114**	**81,667**	**67,312**	**16,928**	**36,209**	**50,697**	**56,473**	**68,509**	**78,687**	**85,436**	**84,467**
Canada	9,079	21,744	25,788	28,374	33,096	35,395	33,564	33,720	11,092	22,151	29,599	33,525	38,046	41,459	46,414	46,477
20 Latin American countries	5,695	15,655	16,371	20,185	26,259	36,030	38,950	30,086	4,779	11,847	16,450	18,556	24,767	29,952	32,023	32,513
Other Western Hemisphere	837	1,444	1,592	1,835	2,200	2,688	3,152	3,506	1,057	4,210	4,648	4,392	5,696	7,277	6,999	5,477
Central American Common Market	425	968	1,478	1,571	1,655	1,951	1,773	1,405	416	810	1,681	1,478	1,895	1,849	1,546	1,467
Costa Rica	95	212	323	335	413	498	373	330	117	179	285	293	389	356	365	358
El Salvador	64	194	314	366	351	272	308	292	48	182	450	293	443	427	259	319
Guatemala	100	255	377	398	467	552	559	390	87	173	405	342	413	435	349	336
Honduras	89	151	240	288	324	379	349	275	103	145	358	339	415	419	433	365
Nicaragua	77	156	223	184	100	250	184	119	61	131	183	211	234	211	140	90
Latin American Free Trade Association	4,885	13,773	13,920	17,499	23,223	32,274	35,260	26,879	4,071	10,100	13,906	16,195	21,793	26,735	28,981	29,850
Argentina	441	628	731	842	1,890	2,625	2,192	1,299	172	215	392	563	587	741	1,124	1,128
Bolivia	46	138	214	208	146	172	189	99	25	89	157	169	222	182	177	109
Brazil	840	3,056	2,490	2,981	3,442	4,343	3,798	3,423	670	1,467	2,241	2,826	3,118	3,715	4,475	4,285
Chile	300	533	520	725	885	1,353	1,465	925	157	138	273	385	440	515	604	666
Colombia	395	643	782	1,046	1,409	1,736	1,771	1,903	269	596	619	1,044	1,209	1,241	919	801
Ecuador	127	410	565	609	696	864	854	826	109	463	621	741	816	876	1,021	1,131
Mexico	1,704	5,141	4,822	6,680	9,847	15,145	17,789	11,817	1,219	3,066	4,694	6,094	8,800	12,580	13,765	15,566
Paraguay	18	33	51	90	128	109	108	78	11	19	24	51	164	81	48	39
Peru	214	896	500	501	720	1,171	1,486	1,117	341	397	513	654	1,181	1,386	1,224	1,099
Uruguay	41	51	74	90	127	183	163	190	19	24	87	123	90	97	158	258
Venezuela	759	2,243	3,172	3,728	3,933	4,573	5,445	5,206	1,082	3,625	4,084	3,545	5,166	5,321	5,566	4,768
Other Latin America	385	914	973	1,116	1,380	1,805	1,917	1,803	292	937	964	883	1,078	1,368	1,496	1,195
Cuba	(Z)	(Z)	1	(Z)	(Z)	(Z)	1	1	-	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	2
Dominican Republic	143	453	424	473	610	795	772	654	184	634	637	537	665	787	926	629
Haiti	34	144	203	204	243	311	301	299	32	107	168	193	222	252	274	310
Panama	208	317	346	438	527	699	844	839	76	196	159	153	191	330	297	255

Other Western Hemisphere	837	1,444	1,592	1,835	2,200	2,688	3,152	3,506	1,057	4,210	4,648	4,392	5,696	7,277	6,999	5,477
Bahamas	173	208	224	284	334	396	441	590	82	880	1,058	977	1,567	1,469	1,262	1,050
Barbados	22	36	59	79	120	136	150	155	9	34	32	39	57	96	80	107
Belize	11	26	31	41	67	58	69	64	7	34	20	29	30	60	43	36
Bermuda	92	63	87	109	121	136	149	172	1	3	5	14	10	13	18	12
French West Indies	15	26	34	47	59	67	69	51	9	1	4	4	6	7	20	9
Greenland	1	8	3	1	1	3	1	3	2	7	17	20	20	14	15	16
Guyana	25	89	62	54	74	96	106	56	43	87	54	61	65	120	104	71
Jamaica	218	381	271	289	292	305	479	468	187	307	345	385	375	383	366	294
Leeward and Windward Islands	32	41	65	79	98	152	282	177	6	15	9	25	32	36	32	27
Netherlands Antilles	126	228	304	377	412	448	499	660	416	1,559	1,292	1,262	1,830	2,564	2,626	2,117
Suriname	35	79	119	115	114	136	136	128	56	106	119	137	106	109	180	60
Trinidad and Tobago	84	256	306	330	462	680	688	894	232	1,171	1,677	1,425	1,559	2,383	2,215	1,627
Other	4	3	27	30	46	74	81	88	8	4	16	13	19	23	38	51
Western Europe	**14,463**	**29,945**	**34,760**	**39,929**	**54,342**	**67,512**	**65,377**	**60,054**	**11,169**	**20,892**	**27,669**	**36,483**	**41,681**	**46,602**	**51,855**	**52,346**
OECD [4]	14,279	29,575	34,346	39,405	53,514	66,654	64,548	59,378	11,070	20,627	27,310	36,072	41,272	46,137	51,399	51,966
European Economic Com. [5]	11,501	23,315	27,631	32,747	43,402	54,601	52,363	47,932	9,274	16,843	22,383	29,173	33,476	36,384	41,624	42,509
Belgium and Luxembourg	1,195	2,417	3,138	3,653	5,187	6,661	5,765	5,229	696	1,199	1,453	1,762	1,741	1,914	2,297	2,396
Denmark [5]	227	445	532	585	732	863	887	732	284	464	583	694	707	727	850	904
France	1,483	3,031	3,503	4,166	5,587	7,485	7,341	7,110	942	2,164	3,032	4,051	4,768	5,265	5,851	5,545
Germany, Fed. Rep. of	2,741	5,194	5,989	6,957	8,478	10,960	10,277	9,291	3,127	5,410	7,238	9,962	10,955	11,693	11,379	11,975
Greece [5]	203	450	539	699	811	922	676	721	52	110	174	167	183	292	359	242
Ireland [5]	112	190	378	527	695	836	1,025	983	135	178	236	320	323	413	498	556
Italy	1,353	2,867	2,790	3,361	4,362	5,511	5,360	4,616	1,316	2,457	3,037	4,102	4,917	4,325	5,189	5,301
Netherlands	1,651	4,193	4,812	5,683	6,917	8,669	8,595	8,604	528	1,089	1,488	1,602	1,853	1,913	2,366	2,494
United Kingdom [5]	2,536	4,527	5,951	7,116	10,635	12,694	12,439	10,645	2,194	3,773	5,141	6,514	8,028	9,842	12,835	13,095
Other OECD [4]	2,778	6,260	6,715	6,658	10,111	12,053	12,185	11,445	1,796	3,784	4,928	6,899	7,797	9,753	9,776	9,457
Austria [6]	74	161	245	260	312	447	484	371	120	243	281	407	379	389	382	491
Finland [6]	99	261	195	215	337	505	613	489	114	149	280	368	449	439	525	414
Iceland	13	32	36	39	48	79	71	77	47	85	159	174	226	200	198	184
Norway	196	510	541	558	687	843	892	950	142	403	766	1,190	1,267	2,632	2,477	1,973
Portugal	128	427	551	525	691	911	1,075	838	92	157	146	180	243	278	238	283
Spain	712	2,164	1,875	1,884	2,506	3,179	3,397	3,456	353	836	971	1,257	1,302	1,220	1,533	1,505
Sweden [6]	543	925	1,101	1,091	1,515	1,767	1,842	1,689	399	887	998	1,328	1,652	1,617	1,714	1,993
Switzerland [6]	700	1,153	1,749	1,728	3,660	3,781	3,022	2,707	459	879	1,180	1,820	2,076	2,803	2,448	2,340
Turkey	315	608	424	358	354	540	789	868	70	145	148	175	201	175	261	274
Other Western Europe	**183**	**369**	**414**	**524**	**828**	**858**	**829**	**677**	**99**	**265**	**359**	**411**	**409**	**464**	**455**	**380**
Yugoslavia	168	328	357	475	756	756	648	494	96	261	347	395	389	446	437	360
Other and Special Category [7]	15	41	57	49	72	102	180	183	3	4	12	16	20	18	18	20

See footnotes at end of table.

No. 1473. Exports and Imports of Merchandise, by Continents, Areas, and Countries: 1970 to 1982—Continued

[In millions of dollars, except percent. See headnote, p. 834]

Continent, area, and country	Exports, domestic and foreign								General imports [1]							
	1970	1975	1977	1978	1979	1980	1981	1982	1970	1975	1977	1978	1979	1980	1981	1982
Communist areas in Europe	**354**	**2,787**	**2,544**	**3,679**	**5,684**	**3,860**	**4,338**	**3,610**	**226**	**731**	**1,132**	**1,502**	**1,866**	**1,437**	**1,555**	**1,067**
Bulgaria	15	30	24	48	56	161	258	107	2	20	18	19	35	25	34	28
Czechoslovakia	23	53	75	106	281	185	83	84	24	31	37	58	51	69	67	62
German Dem. Rep	33	17	36	170	356	479	296	223	9	11	17	35	36	44	48	54
Hungary	28	76	81	99	78	80	78	68	6	35	46	68	110	107	129	133
Poland	70	583	439	680	793	714	682	295	98	243	324	434	423	416	365	212
Romania	66	191	260	319	501	722	504	224	13	133	232	345	328	312	581	348
Soviet Union	119	1,835	1,628	2,252	3,607	1,513	2,431	2,587	72	255	453	539	874	454	348	228
Other	(z)	2	1	5	12	7	6	22	(z)	3	5	(z)	9	10	3	2
Asia	**10,027**	**28,223**	**31,436**	**39,630**	**48,771**	**60,168**	**63,849**	**64,822**	**9,621**	**27,252**	**49,312**	**58,264**	**66,739**	**80,299**	**92,033**	**85,170**
Japan	4,652	9,563	10,529	12,885	17,581	20,790	21,823	20,966	5,875	11,425	18,550	24,458	26,246	30,714	37,612	37,744
Communist areas	(z)	305	176	824	1,725	3,756	3,613	2,945	1	160	204	329	597	1,059	1,897	2,287
Other Asia	5,375	18,356	20,736	25,921	29,466	35,622	38,413	40,912	3,745	15,667	30,558	33,478	39,894	48,526	52,524	45,139
Near East Asia	**1,346**	**8,263**	**10,038**	**12,412**	**11,030**	**11,900**	**14,964**	**15,950**	**348**	**5,401**	**12,849**	**11,813**	**14,989**	**18,672**	**18,543**	**11,812**
Bahrain	12	90	203	157	159	197	297	220	8	100	75	29	11	16	35	31
Iran	326	3,244	2,731	3,685	1,021	23	300	122	67	1,398	2,602	2,877	2,784	450	64	585
Iraq	22	310	211	317	442	724	914	646	3	19	381	243	618	460	164	39
Israel	592	1,551	1,447	1,925	1,855	2,045	2,521	2,271	150	314	572	720	750	950	1,243	1,164
Jordan	63	195	302	235	334	407	727	620	(z)	1	3	1	4	3	2	7
Kuwait	62	366	548	745	765	886	976	941	25	111	215	50	87	494	86	40
Lebanon	64	368	124	142	227	303	296	294	13	33	42	15	15	33	19	19
Saudi Arabia	141	1,502	3,575	4,370	4,875	5,768	7,327	9,026	20	2,623	6,347	5,307	7,963	12,648	14,391	7,443
Syria	11	128	134	143	229	239	143	138	2	7	16	37	165	26	83	10
Other	52	508	762	693	1,123	1,307	1,464	1,472	61	796	2,395	2,535	2,573	3,584	2,456	2,474
East and South Asia	**4,030**	**10,095**	**10,697**	**13,509**	**18,436**	**23,722**	**23,448**	**24,952**	**3,397**	**10,267**	**17,710**	**21,665**	**24,905**	**29,854**	**33,980**	**33,328**
Afghanistan	10	19	13	17	66	11	6	10	4	8	15	12	12	6	13	11
Burma	11	10	13	29	32	29	34	34	1	2	1	4	12	9	15	17
China: Taiwan	527	1,659	1,798	2,342	3,272	4,337	4,305	4,367	549	1,946	3,671	5,170	5,902	6,854	8,049	8,893
Hong Kong	406	808	1,292	1,625	2,083	2,686	2,635	2,453	944	1,573	2,894	3,474	3,995	4,739	5,428	5,540
India	572	1,290	779	948	1,167	1,689	1,748	1,599	298	549	776	979	1,038	1,098	1,202	1,404
Indonesia	266	810	763	751	981	1,545	1,302	2,025	182	2,222	3,475	3,607	3,621	5,217	6,022	4,224
Kampuchea	2	66	(z)	(z)	(z)	26	12	2	1	1	(z)	(z)	(z)	(z)	1	(z)
Korea, Republic of	643	1,762	2,371	3,160	4,190	4,695	5,116	5,529	370	1,442	2,883	3,746	4,047	4,147	5,227	5,637
Laos	8	4	(z)	1	1	(z)	1	(z)	(z)	(z)	1	1	2	1	1	2
Malaysia	67	393	561	728	932	1,337	1,537	1,736	270	772	1,318	1,519	2,146	2,577	2,183	1,885
Pakistan	325	372	293	496	529	642	492	700	80	49	56	84	120	128	174	165

Philippines	373	832	876	1,041	1,570	1,999	1,787	1,854	472	756	1,110	1,207	1,490	1,731	1,964	1,806
Singapore	240	994	1,172	1,462	2,330	3,033	3,003	3,214	81	534	883	1,068	1,467	1,921	2,114	2,195
Sri Lanka	12	38	53	63	57	62	91	198	26	40	67	61	100	126	154	175
Thailand	150	357	510	629	961	1,263	1,170	915	100	217	346	439	600	816	946	884
Other and Special Category [7]	416	681	205	217	265	378	211	326	17	154	214	295	353	484	487	490
Oceania	**1,189**	**2,340**	**2,877**	**3,464**	**4,319**	**4,876**	**6,436**	**5,700**	**871**	**1,508**	**1,728**	**2,350**	**3,072**	**3,392**	**3,353**	**3,131**
Australia	986	1,815	2,356	2,912	3,617	4,093	5,242	4,535	611	1,147	1,185	1,659	2,164	2,509	2,465	2,287
New Zealand and W. Samoa	135	411	405	409	533	599	940	900	222	245	357	528	707	703	718	777
Other	68	114	116	143	169	184	254	265	38	116	186	166	201	180	170	67
Africa	**1,580**	**4,949**	**5,546**	**5,887**	**6,299**	**9,060**	**11,097**	**10,271**	**1,113**	**8,299**	**17,121**	**16,898**	**24,382**	**34,410**	**27,071**	**17,770**
Algeria	62	632	527	374	404	542	717	909	10	1,359	3,104	3,482	4,943	6,577	5,038	2,673
Angola	36	53	38	32	92	111	268	159	68	425	227	227	325	742	904	697
Cameroon	19	30	54	52	61	93	152	85	25	18	38	77	203	605	625	790
Central African Republic	1	1	1	1	1	1	1	1	6	5	4	7	5	9	6	5
Egypt	77	683	982	1,134	1,433	1,874	2,159	2,875	23	28	170	105	381	539	397	547
Ethiopia	26	70	58	24	103	72	62	43	67	49	94	96	109	87	83	102
Gabon	7	59	30	97	32	48	128	110	9	197	229	184	322	343	432	610
Ghana	59	100	146	126	91	127	154	116	91	151	214	215	225	206	246	362
Ivory Coast	36	78	89	93	128	185	130	97	92	157	300	415	363	288	344	303
Kenya	34	49	77	138	61	141	150	98	23	36	92	51	50	54	52	71
Liberia	46	90	91	108	107	113	128	113	51	96	106	133	136	128	113	91
Libya	108	232	314	425	468	509	813	301	39	1,045	3,817	3,779	5,256	8,595	5,301	512
Madagascar	7	7	7	9	61	7	16	24	32	46	76	106	69	91	69	63
Mauritania	4	14	9	8	7	20	27	26	1	(Z)	(Z)	1	(Z)	(Z)	(Z)	1
Morocco	89	200	372	406	271	344	429	397	10	10	22	44	40	35	36	45
Mozambique	22	18	13	20	30	69	35	27	18	36	66	39	50	105	83	51
Nigeria	129	536	958	985	632	1,150	1,523	1,295	71	3,281	6,152	4,709	8,161	11,105	9,249	7,045
South Africa, Republic of	563	1,302	1,054	1,080	1,413	2,463	2,912	2,368	290	840	1,261	2,259	2,616	3,321	2,445	1,967
Sudan	7	103	87	157	103	142	208	270	12	8	18	14	16	17	58	16
Tanzania	12	66	39	48	36	62	48	41	24	29	80	81	46	32	19	29
Tunisia	49	90	111	83	175	173	222	213	3	26	11	21	95	60	10	59
Uganda	4	15	14	(Z)	1	12	7	9	48	61	246	82	82	126	101	156
Zaire	62	188	114	83	113	155	141	91	41	67	173	225	286	418	423	407
Zambia	31	86	49	44	68	98	68	69	2	(Z)	102	116	121	200	114	30
Other	89	251	312	359	405	549	950	534	59	331	519	430	482	727	923	1,139

– Represents zero. Z Less than $500,000. [1] 1970–1975 and 1982 imports are customs value basis; f.a.s. basis other years. 1970–1982 exports are f.a.s. value. [2] Includes revisions not carried to area values; therefore, area values will not add to total. [3] Developed countries include Canada, Western Europe, Japan, Australia, New Zealand, and South Africa; developing countries include rest of the world excluding Communist areas in Europe and Asia. Assignment of countries generally follows that made by United Nations. (See table 1503.) [4] OECD=Organization of Economic Cooperation and Development. [5] As of 1973, United Kingdom, Denmark, and Ireland and, as of 1981, Greece, became members of EEC. For consistency, data for all years are shown on same basis. [6] Includes Special Category exports, if any. [7] Prior to 1975, security regulations required that information on exports of Special Category commodities be excluded from the totals for certain countries.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly; and unpublished data.

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NO. 1474. PERCENT DISTRIBUTION OF U.S. DOMESTIC EXPORTS AND GENERAL IMPORTS, BY BROAD COMMODITY GROUPS: 1960 TO 1982

COMMODITY GROUP	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Exports:												
Food and live animals	13.2	14.7	10.2	14.4	14.6	13.9	11.9	13.0	12.5	12.8	13.2	11.6
Beverages and tobacco	2.4	1.9	1.6	1.3	1.2	1.3	1.6	1.6	1.3	1.2	1.3	1.5
Crude materials, inedible [1]	13.7	10.5	10.8	11.3	9.2	9.6	11.0	11.0	11.6	11.0	9.2	9.3
Mineral fuels and related materials	4.1	3.5	3.7	3.5	4.2	3.7	3.5	2.8	3.1	3.7	4.5	6.1
Chemicals	8.7	8.8	9.0	9.1	8.2	8.8	9.1	8.9	9.7	9.6	9.3	9.6
Machinery and transport equipment	34.3	37.3	42.0	39.3	43.0	43.7	42.2	42.0	39.5	39.1	41.8	42.1
Other manufactured goods	18.7	18.0	17.9	17.0	15.6	15.7	16.0	16.1	16.2	17.8	16.3	15.8
General imports:												
Food and live animals	19.9	16.1	13.5	9.4	8.8	8.5	8.5	7.9	7.4	6.4	5.8	5.9
Beverages and tobacco	2.6	2.6	2.1	1.3	1.5	1.3	1.1	1.3	1.2	1.1	1.2	1.4
Crude materials, inedible [1]	18.3	14.5	8.3	6.0	5.8	5.8	5.7	5.4	5.2	4.3	4.3	3.5
Mineral fuels and related materials	10.5	10.4	7.7	25.4	27.5	28.2	30.2	24.5	29.1	33.9	31.2	26.8
Chemicals	5.3	3.6	3.6	4.0	3.8	4.0	3.4	3.7	3.6	3.5	3.6	3.9
Machinery and transport equipment	9.7	13.8	28.0	24.0	24.4	24.7	24.7	27.7	26.0	24.7	26.6	30.1
Other manufactured goods	30.3	35.1	33.3	27.1	24.9	25.0	23.8	26.9	24.8	22.9	24.3	25.1

[1] Excludes fuels.

Source: U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports, U.S. Foreign Trade,* annual. *Also in U.S. Bureau of the Census, Highlights of U.S. Export and Import Trade,* Report FT 990, monthly.

NO. 1475. DOMESTIC EXPORTS, BY SELECTED COMMODITY GROUPS: 1965 TO 1982

[**In millions of dollars.** Totals and subtotals include data for commodities not shown separately. Beginning 1975, exports include nonmonetary gold. Commodity data beginning 1978 are not strictly comparable with previous years due to changes in export classifications; see source for changes. For 1977, adjustments have been made to the subtotals and to certain commodities to provide greater comparability with later years; and beginning 1980, includes trade of Virgin Islands with foreign countries (see footnote 1 for exception). "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970,* series U 274-294]

COMMODITY GROUP	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
U.S. merchandise	27,178	42,590	106,561	113,666	119,005	141,126	178,578	[1] 216,668	228,961	207,158
Food and live animals	4,002	4,356	15,484	15,710	14,116	18,311	22,245	27,744	30,291	23,950
Meat and preparations	162	175	528	798	797	958	1,127	1,293	1,482	1,285
Meat, fresh, chilled, or frozen	136	147	491	759	750	894	1,057	1,217	1,389	1,194
Dairy products and eggs	191	137	134	128	189	190	161	255	433	409
Grains and preparations	2,637	2,596	11,642	10,911	8,755	11,634	14,450	18,079	19,457	14,747
Wheat and wheat flour	1,184	1,112	5,293	4,040	2,883	4,532	5,491	6,586	8,073	6,869
Rice	244	314	858	629	730	929	850	1,285	1,526	997
Coarse grains	1,135	1,072	5,272	6,023	4,913	5,920	7,604	9,866	9,501	6,420
Corn	833	824	4,448	5,223	4,139	5,301	7,022	8,570	8,014	5,682
Grain sorghums	209	196	699	642	604	531	686	1,080	1,174	720
Fruits and nuts	339	406	871	976	1,080	1,335	1,525	1,938	1,983	1,778
Fruit, fresh	145	164	404	434	458	530	624	716	802	730
Vegetables	148	178	406	559	517	554	605	992	1,131	937
Feed for animals	278	497	987	1,358	1,572	1,921	2,317	2,878	2,739	2,473
Beverages and tobacco	517	702	1,308	1,524	1,847	2,293	2,337	2,663	2,915	3,026
Tobacco and manufactures	506	679	1,253	1,457	1,732	2,125	2,148	2,426	2,723	2,845
Leaf tobacco	378	481	852	922	1,094	1,358	1,184	1,334	1,457	1,547
Cigarettes	105	159	368	510	615	749	909	1,055	1,229	1,235
Crude materials, inedible, exc. fuels	2,855	4,605	9,784	10,891	13,086	15,555	20,755	23,791	20,993	19,248
Hides and skins, except fur skins	109	145	295	522	578	695	992	694	700	778
Soybeans	650	1,216	2,865	3,315	4,393	5,210	5,708	5,883	6,200	6,240
Synthetic rubber	161	176	261	329	327	369	578	695	624	553
Wood in the rough [2]	124	366	751	945	1,178	1,376	1,782	2,002	1,426	1,522
Wood shaped or simply worked	119	193	413	563	551	618	1,015	1,060	933	811
Lumber, softwood	94	162	342	471	444	452	778	778	653	576
Woodpulp	190	464	875	844	875	817	1,104	1,652	1,661	1,415
Textile fibers and wastes	617	543	1,345	1,426	1,899	2,302	3,046	3,929	3,402	2,817
Raw cotton, excluding linters	486	372	991	1,049	1,530	1,740	2,198	2,864	2,260	1,955
Ores and metal scrap	435	940	1,355	1,284	1,290	1,839	3,325	4,518	2,718	2,174
Iron and steel scrap	197	447	780	634	413	698	1,142	1,226	639	610
Ores and scrap, nonferrous base	154	397	461	499	600	893	1,920	1,223	899	690
Mineral fuels and related materials	947	1,595	4,470	4,226	4,184	3,881	5,616	7,982	10,279	12,729
Coal	477	962	3,259	2,910	2,655	2,046	3,328	4,621	5,909	5,987
Petroleum and products	418	488	908	998	1,260	1,564	1,914	2,833	3,696	5,947
Lubricating oils	185	175	275	292	305	467	639	733	799	345
Animal and vegetable oils and fats	472	493	944	978	1,309	1,521	1,845	1,946	1,750	1,541
Tallow, inedible	179	176	299	377	504	516	655	677	645	572
Soybean oil	162	192	266	238	440	560	776	689	474	486

See footnotes at end of table.

NO. 1475. DOMESTIC EXPORTS, BY SELECTED COMMODITY GROUPS: 1965 TO 1982—Continued

[In millions of dollars. See headnote, p. 838]

COMMODITY GROUP	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Chemicals and related products	2,403	3,826	8,691	9,959	10,812	12,623	17,306	20,740	21,187	19,890
Chemical elements and compounds	970	1,642	3,623	4,408	4,811	5,297	7,704	2,106	2,285	1,969
Dyeing, tanning, coloring materials	93	137	244	310	352	386	450	490	524	494
Medicinal, pharmaceutical prod	256	420	866	997	1,081	1,404	1,591	1,932	2,165	2,275
Fertilizers, manufactured	153	178	1,083	613	704	1,091	1,404	2,265	1,735	1,386
Plastic materials and resins [3]	425	653	1,166	1,672	1,838	2,088	3,241	3,884	3,809	3,650
Machinery and transport equip	10,139	17,882	45,668	49,501	50,248	59,268	70,491	84,628	95,736	87,148
Machinery [4]	6,935	11,685	29,215	32,113	32,630	38,105	45,914	57,263	64,426	59,821
Power generating machinery	841	1,405	3,551	3,662	3,619	4,797	6,839	8,428	9,465	9,461
Agricultural machinery	219	182	704	707	717	844	1,088	1,295	1,420	1,127
Tractors and parts	646	750	2,126	2,223	2,064	2,316	2,720	2,150	2,296	1,760
Electronic computers, parts and accessories	256	1,236	2,228	2,588	3,264	4,359	5,671	7,763	8,741	9,159
Other office machines [5]	215	311	411	349	621	647	804	946	1,069	1,048
Metalworking machinery	332	396	922	953	730	1,188	1,391	1,756	2,158	1,611
Metalcutting machines	159	213	344	290	258	338	350	397	574	345
Textile, leather machinery	207	273	486	457	423	485	628	693	685	554
Construction, excavating, and maintenance equipment	324	434	1,277	1,381	1,352	1,318	1,234	2,076	2,189	1,553
Materials handling equipment	397	607	1,646	1,859	1,664	1,457	1,744	2,243	2,438	1,592
Air-conditioning and refrigerating equipment	210	397	928	1,055	1,245	1,562	1,468	1,523	1,694	1,487
Pumping equipment, incl. parts	143	241	543	606	630	729	893	1,091	1,248	1,246
Pipe valves and parts	111	196	458	518	548	610	657	829	936	854
Power machinery, switchgear	472	611	1,709	2,139	2,301	2,690	3,140	3,254	3,835	3,624
Generators, generating sets	149	117	548	800	889	569	487	619	745	686
Transforming, converting, transmission apparatus	120	156	417	487	518	609	553	914	1,116	1,325
Telecommunications apparatus	345	660	1,574	1,997	2,360	2,689	2,957	3,454	3,856	3,864
Radio, television apparatus	304	576	1,339	1,729	1,827	1,831	2,148	2,238	2,525	2,430
Domestic electrical equipment	116	119	359	463	523	610	666	796	841	673
Transport equipment [6]	3,204	6,197	16,452	17,388	17,619	21,163	24,577	27,366	31,310	26,668
Railway vehicles	138	91	462	392	305	305	384	452	488	433
Road motor vehicles, parts [6]	1,744	3,245	9,290	10,132	10,887	12,150	13,904	13,117	14,733	12,751
Automobiles, nonmilitary, new	393	822	2,852	3,228	3,568	3,573	4,611	3,919	3,919	2,860
Trucks and tractor trucks, commercial, new	279	452	1,712	1,509	1,513	1,504	1,583	1,467	1,618	1,186
Parts, accessories, commercial	875	1,603	3,620	4,213	4,673	5,682	6,147	6,058	7,395	6,939
Aircraft, parts, and accessories	1,130	2,656	6,136	6,104	5,874	8,204	9,719	12,816	14,738	11,775
Civilian aircraft	478	1,528	3,169	3,204	2,747	3,616	6,177	8,256	8,613	4,848
Other manufactured goods	4,890	7,636	16,592	17,781	19,091	22,644	28,879	38,602	37,361	32,700
Tires and tubes	166	186	544	491	338	280	353	511	584	372
Paper and manufactures	389	622	1,447	1,624	1,517	1,597	1,967	2,831	2,961	2,653
Paper and paperboard	325	526	1,131	1,291	1,162	1,187	1,430	2,162	2,192	1,877
Nonmetallic mineral mfrs., n.e.c	302	475	964	1,166	1,275	1,597	1,949	2,209	2,194	1,804
Metals and manufactures	1,787	2,978	5,661	5,180	5,149	6,101	7,926	12,071	10,244	8,243
Iron and steelmill products [7]	607	1,188	2,382	1,833	1,608	1,646	2,227	2,998	2,801	2,101
Plates and sheets	184	335	327	338	272	402	567	936	663	372
Tubes, pipes, and fittings	160	226	1,412	778	677	798	1,077	1,080	1,252	1,214
Silver bullion, refined	51	31	104	33	39	56	238	1,327	181	106
Nonferrous base metals	539	893	1,090	1,088	1,058	1,048	1,745	2,964	2,046	1,768
Copper	293	358	333	282	196	310	425	434	388	322
Aluminum	159	358	433	469	480	555	899	2,022	1,297	1,026
Metal manufactures, n.e.c	553	744	1,891	2,089	2,399	3,103	3,431	4,205	4,769	3,981
Tools for hand or machine	141	204	460	498	556	603	693	856	932	810
Textiles, other than clothing	528	603	1,624	1,971	1,970	2,225	3,189	3,632	3,619	2,784
Textile yarn and thread	131	145	298	374	417	370	621	753	902	711
Cotton broad-woven fabrics	98	103	376	499	438	426	626	566	349	253
Textile fabrics, woven, exc. cotton	135	151	386	423	399	472	721	832	797	522
Clothing	143	198	403	510	608	677	931	1,183	1,208	931
Professional, scientific, and controlling instruments [8]	480	957	1,792	1,951	3,241	3,904	4,289	5,256	5,980	6,003
Photographic supplies	130	250	606	703	813	1,073	1,227	1,507	1,501	1,396
Printed matter	226	327	548	607	668	812	956	1,097	1,297	1,341
Other transactions	954	1,496	3,621	3,097	4,314	5,030	9,103	8,496	8,428	6,924
Firearms of war and ammunition	644	682	1,361	1,261	1,617	1,951	1,854	2,006	2,165	3,261
Shipments of $500 or less, estimates [9]	245	692	1,572	1,190	1,244	1,487	1,796	2,119	2,368	1,698

[1] Includes revisions not carried to commodity groups; therefore commodity groups will not add to total. [2] Beginning 1977, includes pulp wood chips, formerly classified in "Other manufactured goods" under "Wood and manufactures." [3] Beginning 1977, includes rubber materials, formerly classified in "Other manufactured goods" under "Rubber manufactures." [4] Includes parts for tractors. [5] Beginning 1978, includes photocopy apparatus, formerly classified in "Other manufactured goods" under "Photographic and motion picture equipment." [6] Excludes parts for tractors. [7] Excludes pig iron. [8] Beginning 1977, electric measuring and controlling instruments are included in "Other manufactured goods" under "Professional, scientific, and controlling instruments"; formerly classified under "Machinery." [9] For 1965, data are estimates for shipments of $100 or less.

Source: U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports, U.S. Foreign Trade,* annual. Also in U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade,* Report FT 990, FT 410 monthly.

NO. 1476. GENERAL IMPORTS, BY SELECTED COMMODITY GROUPS: 1965 TO 1982

[**In millions of dollars.** Imports for the years 1965, 1970 and 1982 are customs value basis; other years are free alongside ship (f.a.s.) value basis. Totals and subtotals include value of commodities not shown separately. Beginning 1980, includes trade of Virgin Islands with foreign countries. "N.e.c." *means not elsewhere classified.* See also *Historical Statistics, Colonial Times to 1970,* series U 295-316]

COMMODITY	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
General imports	**21,427**	**39,952**	**96,573**	**121,009**	**147,685**	**171,978**	**206,326**	**244,871**	**261,305**	**243,952**
C.i.f. values [1]	(NA)	*42,429*	*103,389*	*129,565*	*157,560*	*183,093*	*218,927*	*256,984*	*273,352*	*254,884*
Food and live animals	**3,460**	**5,375**	**8,503**	**10,267**	**12,558**	**13,522**	**15,171**	**15,766**	**15,238**	**14,453**
Cattle, except for breeding	98	111	77	159	186	250	249	228	182	289
Meat and preparations	426	1,014	1,141	1,447	1,276	1,856	2,539	2,346	1,996	2,075
Meat, fresh or frozen	231	647	640	840	743	1,242	1,896	1,756	1,150	1,525
Ham, shoulders, and bacon [2]	132	241	397	434	386	445	395	336	325	349
Fish	469	794	1,356	1,855	2,056	2,212	2,639	2,612	2,962	3,143
Fruits and nuts	339	447	638	760	957	1,126	1,324	1,245	1,604	1,774
Bananas	162	186	220	277	305	350	383	416	542	581
Vegetables	139	289	355	426	593	711	737	802	983	1,042
Sugar	443	725	1,865	1,154	1,076	723	974	1,987	2,142	863
Coffee, green	1,058	1,160	1,561	2,632	3,910	3,728	3,820	3,872	2,622	2,730
Cocoa or cacao beans	120	201	321	358	482	667	555	395	466	323
Tea	67	53	88	96	176	115	126	131	133	129
Beverages and tobacco	**553**	**855**	**1,419**	**1,624**	**1,669**	**2,221**	**2,566**	**2,784**	**3,138**	**3,364**
Alcoholic beverages	426	725	1,033	1,174	1,267	1,744	2,013	2,232	2,399	2,513
Tobacco, unmanufactured	121	111	343	392	322	396	436	422	427	445
Crude materials, inedible, except fuels	**3,102**	**3,307**	**5,566**	**7,014**	**8,486**	**9,294**	**10,650**	**10,516**	**11,193**	**8,589**
Hides and skins, except fur skins	60	51	78	89	97	106	139	88	101	71
Fur skins, undressed	113	59	79	101	122	142	183	143	168	127
Rubber, including latex	182	231	353	513	642	840	1,058	980	960	735
Lumber, softwood	318	439	797	1,355	1,972	2,595	2,727	1,984	1,880	1,636
Lumber, hardwood	67	61	69	97	124	141	163	145	149	98
Woodpulp	399	480	1,032	1,237	1,213	1,126	1,506	1,725	1,778	1,485
Textile fibers and wastes	435	202	174	249	222	248	231	242	343	264
Wool and other animal hair	282	116	73	123	117	147	134	146	210	152
Industrial diamonds	56	39	42	46	62	69	116	119	118	80
Asbestos, unmanufactured	70	75	117	149	152	162	144	97	108	65
Ores and metal scrap	971	1,149	1,978	2,251	2,742	2,813	3,247	3,715	3,838	2,684
Iron ore and concentrates	444	480	864	982	951	845	923	773	951	497
Silver ore and base bullion	56	49	98	75	84	106	166	342	250	176
Nonferrous base metals [3]	421	522	783	895	1,382	1,556	1,672	2,291	1,722	1,552
Bauxite, crude	143	165	267	330	426	415	410	432	443	383
Mineral fuels and related materials	**2,221**	**3,075**	**26,476**	**33,996**	**44,537**	**42,096**	**60,061**	**82,924**	**81,417**	**65,409**
Petroleum and products	2,092	2,764	24,814	31,794	41,756	39,104	56,046	77,637	75,577	59,396
Petroleum, crude and partly refined	1,215	1,448	19,293	26,384	33,910	32,134	46,100	65,717	61,940	45,862
Petroleum products	877	1,316	5,521	5,411	7,845	6,970	9,946	11,920	13,637	13,535
Natural gas	105	258	1,081	1,619	1,941	2,000	2,765	5,155	5,720	5,934
Animal and vegetable oils and fats	**116**	**160**	**554**	**464**	**531**	**511**	**740**	**533**	**479**	**406**
Chemicals and related products	**768**	**1,450**	**3,696**	**4,772**	**4,970**	**6,430**	**7,485**	**8,593**	**9,446**	**9,493**
Organic chemicals	160	355	1,027	1,193	1,438	1,735	2,159	2,541	2,974	2,960
Inorganic chemicals [3]	158	371	835	937	1,171	1,827	2,059	2,313	2,359	2,645
Medicinal and pharmaceutical products	58	87	235	269	313	450	441	509	583	563
Fertilizers, manufactured	112	192	626	683	829	869	976	1,104	1,181	963
Machinery and transport equipment	**2,948**	**11,172**	**23,457**	**29,824**	**36,407**	**47,590**	**53,678**	**60,558**	**69,627**	**73,320**
Machinery	1,800	5,375	11,970	15,446	18,837	24,752	28,530	32,286	38,546	39,684
Engines and parts	195	782	1,615	1,934	2,137	2,886	3,004	1,866	2,251	2,611
Agricultural machinery	156	173	474	496	499	489	698	686	639	485
Tractors and parts	93	175	571	554	630	848	1,197	1,049	948	757
Office machines	136	505	1,052	1,341	1,568	2,254	2,500	2,929	3,563	4,299
Metalworking machinery	63	164	361	362	435	947	1,123	1,425	1,613	1,468
Textile and leather machinery	157	361	518	636	639	877	830	869	974	924
Power machinery and switchgear	67	247	550	758	970	1,291	1,708	2,039	2,378	2,547
Telecommunications apparatus	314	1,102	2,077	3,655	4,954	6,136	6,175	6,716	8,910	9,051
Electron tubes, transistors, semiconductor devices, and parts	63	224	899	1,223	1,490	1,942	2,719	3,592	3,959	4,524
Transport equipment	1,148	5,798	11,487	14,378	17,571	22,838	25,148	28,260	31,415	33,635
Automobiles and parts	810	5,068	9,921	13,104	15,844	20,631	22,053	24,015	26,113	29,218
Automobiles, new	658	3,722	7,124	8,928	10,633	13,646	14,813	16,776	17,540	19,757
Motorcycles	134	307	707	485	641	892	908	1,149	1,263	1,019
Aircraft and parts	140	274	519	434	603	602	1,078	1,885	2,585	2,481
Other manufactured goods	**7,528**	**13,285**	**23,927**	**30,179**	**35,176**	**46,296**	**51,071**	**55,970**	**63,471**	**61,209**
Leather manufactures and dressed furs	87	118	132	247	236	353	426	393	567	523
Rubber tires and tubes	45	205	475	738	851	923	1,136	1,143	1,331	1,239
Wood manufactures (excl. furniture)	270	409	573	827	1,032	1,240	1,391	1,133	1,199	991
Paper and manufactures	870	1,087	1,673	2,103	2,402	2,923	3,356	3,567	3,874	3,848
Newsprint	790	930	1,427	1,742	1,879	2,101	2,322	2,685	2,871	2,749
Construction materials [4]	71	106	186	203	292	472	636	550	565	507
Glass, glassware, and pottery	168	338	531	653	785	1,047	1,097	1,228	1,349	1,351
Diamonds, excluding industrial	308	433	730	1,018	1,452	1,973	1,862	2,252	2,198	1,917

See footnotes at end of table.

NO. 1476. GENERAL IMPORTS, BY SELECTED COMMODITY GROUPS: 1965 TO 1982—Continued

[In millions of dollars. See headnote, p. 840]

COMMODITY	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Other manufactured goods—Con.										
Metals and manufactures	2,874	4,508	8,944	9,898	12,278	15,714	17,457	18,717	22,333	19,227
Pig iron and ferroalloys	94	78	558	538	528	573	702	678	863	428
Iron and steelmill products	1,140	1,952	4,037	3,809	5,302	6,681	6,764	6,692	10,347	9,184
Bars, rods, shapes, and pilings	377	486	930	848	1,126	1,365	1,524	1,420	1,747	1,469
Plates and sheets	475	906	1,680	1,795	2,708	3,329	3,071	2,505	2,998	2,542
Steel wire	79	119	225	211	283	341	320	293	288	242
Tubes, pipes, and fittings	144	349	1,008	792	971	1,376	1,543	2,193	4,836	4,466
Nonferrous base metals	1,198	1,502	2,063	2,941	3,380	4,367	4,678	5,182	5,270	4,018
Copper	425	532	419	777	855	1,069	984	1,470	1,279	988
Nickel	189	317	456	524	532	676	635	885	868	568
Aluminum	264	238	415	554	766	1,115	1,029	974	1,355	1,336
Lead	61	74	49	64	163	173	226	91	90	57
Tin	167	190	315	329	458	598	720	776	644	378
Silver, refined bullion	7	53	274	289	313	325	842	1,329	837	786
Platinum group metals	69	98	244	271	252	430	800	1,107	742	512
Metal manufactures, n.e.c	367	825	1,769	2,051	2,503	3,333	3,671	3,732	4,170	4,294
Textiles, other than clothing	800	1,135	1,219	1,635	1,756	2,200	2,216	2,499	3,046	2,807
Textile yarn and thread	66	223	128	192	225	246	167	194	231	260
Cotton fabrics, woven	134	173	219	390	345	427	380	433	607	489
Textile fabrics, woven, exc. cotton [5]	423	499	433	521	569	719	775	408	572	533
Twine and cordage	48	35	123	82	76	78	112	114	104	82
Floor coverings	45	53	88	120	145	200	264	283	306	277
Clothing	541	1,269	2,562	3,634	4,100	5,657	5,876	6,430	7,537	8,165
Footwear	160	629	1,275	1,686	1,806	2,585	2,859	2,809	3,019	3,437
Professional, scientific, photographic, and controlling instruments [6]	178	356	726	969	1,292	901	1,159	2,654	3,701	3,132
Clocks and watches	100	184	426	627	722	947	946	1,127	1,275	991
Musical instruments, sound recorders and reproducers, and parts [7]	157	505	781	1,216	285	423	469	487	621	729
Printed matter	77	160	284	322	340	479	529	613	622	664
Articles of plastic and rubber, n.e.c	71	236	429	602	606	744	871	916	1,006	1,102
Toys, games, and sporting goods	155	427	633	903	1,156	1,374	1,591	1,836	2,075	2,698
Artworks and antiques	141	162	677	580	720	1,312	1,487	2,672	2,056	2,024
Other transactions	730	1,274	2,518	2,538	3,336	4,018	4,905	7,225	7,296	7,708

NA Not available. [1] Value on a cost, insurance, and freight basis: cost (to the U.S. importer) of commodities at port of exportation plus insurance and freight to U.S. customs port of entry. 1970 is estimated. [2] Canned, cooked, and boned. [3] Prior to 1977, alumina is included under chemicals; thereafter, classified in crude materials. [4] Materials of lime, cement, and clay. [5] Excludes narrow or special fabrics. [6] Beginning 1977, electric measuring and controlling instruments are included in "Other manufactured goods" under "Professional, scientific, photographic, and controlling instruments"; prior to 1977, classified under "Machinery." [7] Beginning 1977, sound recorders included in "Machinery."

Source: U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports, U.S. Foreign Trade*, annual. Also in U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly.

NO. 1477. IMPORTS FOR CONSUMPTION—VALUES AND DUTIES: 1950 TO 1982

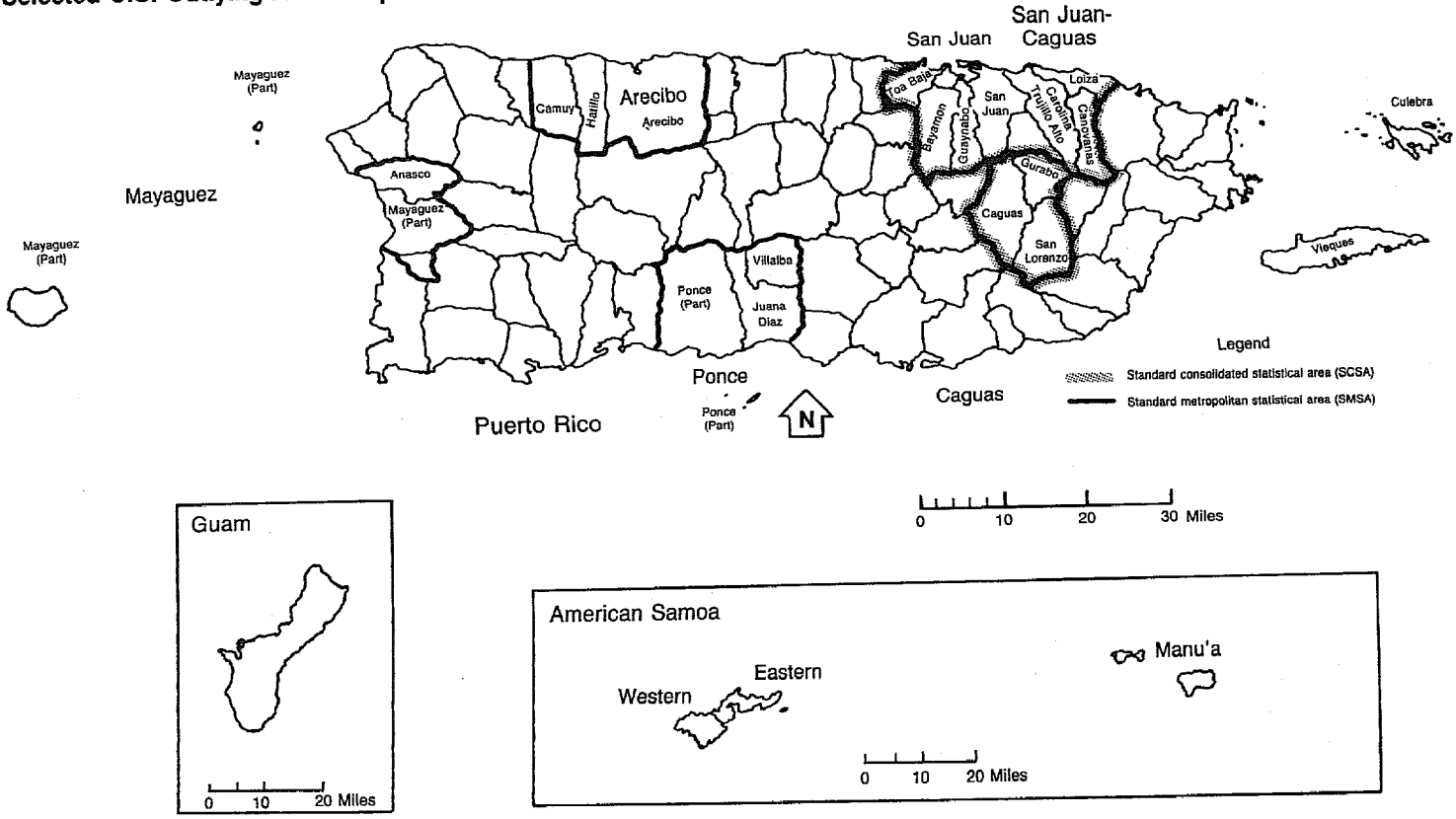
[Imports are on customs value basis. Beginning 1965, includes uranium, thorium, and related products; beginning 1970, includes silver ores and bullion, and beginning 1980, includes trade of Virgin Islands with foreign countries. For basis of dollar values and for area coverage, see text, p. 817. See also *Historical Statistics, Colonial Times to 1970*, series U 207-212]

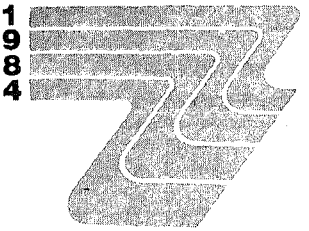
YEAR	VALUES				Duties calculated [1] (mil. dol.)	RATIO OF DUTIES TO VALUES		Duties per capita [2] (dollar)
	Total (mil. dol.)	Free (mil. dol.)	Dutiable (mil. dol.)	Percent free		Total imports (percent)	Dutiable imports (percent)	
1950	8,743	4,767	3,976	55	522	6	13	3.43
1955	11,337	6,037	5,300	53	633	6	12	3.82
1960	14,650	5,780	8,870	39	1,084	7	12	6.00
1965	21,283	7,434	13,849	35	1,643	8	12	8.46
1970	39,756	13,870	25,886	35	2,584	6	10	12.60
1971	45,516	15,286	30,230	34	2,767	6	9	13.32
1972	55,290	18,915	36,375	34	3,124	6	9	14.88
1973	69,024	28,258	40,766	41	3,620	5	8	17.08
1974	100,140	52,052	48,088	52	3,771	4	8	17.63
1975	96,516	31,030	65,486	32	3,780	4	6	17.50
1976	121,121	37,190	83,931	31	4,675	4	6	21.44
1977	147,075	43,633	103,442	30	5,485	4	5	24.91
1978	[3] 172,912	51,827	121,125	30	7,162	4	6	32.17
1979	[3] 205,850	103,278	102,645	50	7,202	3	7	31.99
1980	[3] 244,007	106,992	132,951	45	7,535	3	6	33.09
1981	259,012	76,338	182,674	29	8,893	3	5	38.70
1982	242,340	75,856	166,484	31	8,688	4	5	37.43

[1] 1950 and 1955 data from U.S. Bureau of Customs. Customs duties (including import excise taxes) calculated on the basis of reports of quantity and value of imports of merchandise entered directly for consumption or withdrawn from bonded customs warehouses. [2] Based on estimated population including Armed Forces abroad as of July 1. [3] Total includes revisions not carried to free and dutiable values.

Source: U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States, Quarterly Summary of Foreign Commerce of the United States; Highlights of U.S. Export and Import Trade*, FT 990, monthly; and unpublished data.

Figure 32.1
Selected U.S. Outlying Areas Map.





Section 32

Outlying Areas Under Jurisdiction of the United States

This section presents summary economic and social statistics for the Commonwealth of Puerto Rico, the principal territories of the United States (Virgin Islands, Guam, and American Samoa) and, wherever possible, the Trust Territory of the Pacific Islands and the Northern Mariana Islands.

Primary sources are the decennial censuses of population and housing, and the censuses of agriculture, business, manufactures, and construction (taken every five years) conducted by the Bureau of the Census; the annual *Vital Statistics of the United States,* issued by the National Center for Health Statistics; and the annual *Income and Product* of the Puerto Rico Planning Board, San Juan.

Jurisdiction.—The United States gained jurisdiction over these areas as follows:

The islands of *Puerto Rico* and *Guam,* surrendered by Spain to the United States in October 1898, were ceded to the United States by the Treaty of Paris, ratified in 1899. Puerto Rico became a commonwealth on July 25, 1952, thereby achieving a high degree of local autonomy under its own constitution. The *Virgin Islands,* comprising 50 islands and cays, were purchased by the United States from Denmark in 1917. *American Samoa,* a group of 7 islands, was acquired by the United States in accordance with a convention among the United States, Great Britain, and Germany, ratified in February 1900.

The *Trust Territory of the Pacific Islands* comprises 2,141 atolls and islands, about 96 of which are inhabited. By an agreement approved by the Security Council and the United States in 1947, this territory, formerly under Japanese mandate, has been administered by the United States since July 1947 under the United Nations trusteeship system. The Northern Mariana Islands are in the process of becoming a Commonwealth. Some data, formerly included in the *Trust Territory* of the Pacific Islands, are now shown separately. The other districts of the Trust Territory are negotiating relationships of free association with the United States. Where negotiations are completed, subject to the approval of the U.S. Congress and the United Nations, the trusteeship will be dissolved.

For a brief summary of U.S. territorial development, see tables 5 and 339.

Censuses.—Because characteristics of the outlying areas differ, the presentation of census data for them is not uniform. The 1960 Census of Population covered all of the places listed above except the Trust Territory of the Pacific Islands (the census of which was conducted in April 1958 by the Office of the High Commissioner), whereas the 1960 Census of Housing also excluded American Samoa. The 1970 and 1980 Censuses of Population and Housing covered all five areas. The 1959 and 1969 Censuses of Agriculture covered Puerto Rico, American Samoa, Guam, and the Virgin Islands; the 1964 and 1974 censuses covered the same areas except American Samoa; and the 1978 census covered the same areas including American Samoa and the Northern Mariana Islands. Beginning in 1967, Congress authorized the economic censuses, to be taken at 5-year intervals, for years ending in 2 and 7. Prior economic censuses were conducted in Puerto Rico for 1954, 1958, and 1963, and in Guam and the Virgin Islands for 1958 and 1963. In 1972, the census of construction industries was added for the first time for these three areas.

Information in other sections.—In addition to the statistics presented in this section, other data are included as integral parts of many tables showing distribution by States in various sections of the *Abstract.* See "Outlying areas of the United States" in the index. For definition and explanation of terms used, see section 1, Population; section 5, Education; section 24, Agriculture; section 28, Construction and Housing; section 29, Manufactures; and section 30, Domestic Trade and Services.

No. 1478. Estimated Resident Population, by Area: 1950 to 1982

[*In thousands.* As of July 1. Includes estimates of Armed Forces stationed in area]

AREA	1950	1960	1970	1975	1980	1982	AREA	1950	1960	1970	1975	1980	1982
Puerto Rico	2,218	2,362	2,716	2,933	3,206	3,261	Trust Territory of the Pacific Islands [1] [2]	57	77	89	105	116	120
American Samoa	19	20	27	30	32	34							
Guam	60	66	86	102	107	111	No. Mariana Is. [1]	(NA)	(NA)	12	15	17	18
Virgin Islands	27	32	63	94	98	102							

NA Not available. [1] Data consistent with apportionment census of September 1973 which showed a total population of 14,333 for the Marianas and 114,982 for the Trust Territory. (Excludes 4,462 for Kwajalein Missile Range Facility and 269 with residence not specified.) [2] Prior to 1970, the Trust Territory estimates include the Northern Mariana Islands; beginning with 1970, they exclude them.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 80, 336, and 919, and forthcoming report.

No. 1479. Estimates of Components of Population Change, by Area: 1960 to 1970 and 1970 to 1982

[**In thousands, except percent.** Resident population, including Armed Forces stationed in area. See *table 5 for population totals.* Minus sign (–) indicates decrease. For explanation of methodology, see source]

AREA	April 1, 1960 to April 1, 1970					April 1, 1970 to July 1, 1982				
	Net increase		Births	Deaths	Net migration [1]	Net change		Births	Deaths	Net migration [1]
	Number	Percent				Number	Percent			
Puerto Rico	362.0	15.4	734.0	172.0	–200.0	549.3	20.3	903.6	241.1	–113.2
American Samoa	7.1	35.4	10.1	1.3	–1.7	6.6	24.4	13.2	1.7	–4.8
Guam	18.0	26.8	25.6	3.4	–4.2	25.8	30.4	37.3	5.0	–6.5
Virgin Islands	30.4	94.6	18.6	3.9	15.7	39.1	62.6	32.2	6.2	13.1
Trust Territory of the Pacific Islands [2] [3]	[4] 20.3	28.6	30.9	4.8	–5.7	31.9	36.1	42.5	6.2	[5]
No. Mariana Islands [2]	(NA)	(NA)	(NA)	(NA)	(NA)	5.5	45.4	6.6	1.1	[5]

NA Not available. [1] Includes error of closure (the amount necessary to make the components of change add to the net *change between censuses*). [2] *See footnote* 1, *table* 1478. [3] *The components shown for April* 1, *1960 to April* 1, 1970 include the Northern Mariana Islands, while those for *April* 1, *1970 to July* 1, 1982 exclude them. [4] Census taken in 1958, not 1960. [5] Migration is derived as a residual. Because part of the residual migration in these areas reflects under-registration of *vital* statistics, *migration figures are not shown.*

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 80 and 336, and unpublished data.

No. 1480. Population, by Age and Areas, 1960 to 1980, and by Sex, 1980

[*In thousands, except median age.* As of **April 1, except as indicated.** For population totals, see table 5. For definition of median, see Guide to *Tabular Presentation*]

AREA, YEAR, AND SEX	Total, all ages	Under 5 yr.	5–13 yr.	14–17 yr.	18–20 yr.	21–24 yr.	25–34 yr.	35–44 yr.	45–54 yr.	55–64 yr.	65 yr. and over	18 yr. and over	Median age (years)
Puerto Rico: 1960	2,349.5	354.4	588.7	220.8	123.6	134.1	262.9	238.0	180.8	123.9	122.2	1,185.6	18.5
1970, total	2,712.0	318.1	605.5	251.0	158.7	182.8	339.3	274.0	227.5	178.0	177.1	1,537.4	21.6
1980, total	3,196.5	340.7	597.0	283.4	184.3	213.6	465.9	359.9	274.8	224.5	252.6	1,975.5	24.6
Male	1,556.7	173.2	304.1	143.3	89.9	101.0	218.2	169.5	129.5	107.8	120.1	936.1	23.7
Female	1,639.8	167.4	292.9	140.1	94.4	112.5	247.7	190.4	145.3	116.7	132.4	1,039.4	25.5
American Samoa: 1960	20.1	3.7	5.7	2.1	1.0	1.1	2.3	1.8	1.2	.7	.5	8.6	15.2
1970, total	27.2	4.7	7.5	2.6	1.6	1.6	3.2	2.4	1.8	1.0	.7	12.3	16.1
1980, total	32.3	4.8	7.6	3.2	2.2	2.3	4.5	3.1	2.3	1.4	.9	16.7	18.8
Male	16.4	2.5	4.0	1.6	1.0	1.1	2.2	1.7	1.2	.7	.5	8.3	18.4
Female	15.9	2.3	3.6	1.6	1.2	1.3	2.3	1.4	1.1	.7	.5	8.4	19.2
Guam: 1960	67.0	10.8	15.2	3.6	4.3	5.0	12.2	8.6	4.4	1.9	1.1	37.4	20.8
1970, total	85.0	11.6	20.1	6.8	5.4	8.0	12.6	10.3	5.8	2.8	1.5	46.4	20.4
1980, total	106.0	13.0	21.7	8.9	6.7	8.8	19.6	11.3	8.2	4.8	3.0	62.4	22.3
Male	55.3	6.6	11.1	4.6	3.8	4.7	10.0	6.0	4.4	2.6	1.4	33.0	22.4
Female	50.7	6.4	10.6	4.3	2.9	4.1	9.6	5.3	3.8	2.2	1.6	29.4	22.1
Virgin Islands: 1960	32.1	4.9	7.1	2.7	1.4	1.7	3.9	3.5	2.8	1.9	2.2	17.3	20.7
1970, total	62.5	8.3	12.8	4.4	3.2	4.9	11.4	7.1	5.0	3.0	2.4	37.0	23.0
1980, total	96.6	10.7	21.4	9.7	4.7	5.1	14.8	12.6	7.6	5.5	4.5	54.8	22.5
Male	46.2	5.4	10.7	4.8	2.2	2.2	6.6	6.0	3.6	2.6	2.0	25.3	21.1
Female	50.4	5.3	10.7	4.9	2.4	2.9	8.2	6.6	4.1	2.9	2.5	29.4	23.6
Trust Territory of the *Pacific Islands:*													
1970, total	81.3	13.8	20.9	7.9	4.7	4.6	8.4	7.6	6.2	3.9	3.0	38.6	17.1
1980, total [1]	116.1	21.0	30.4	10.5	7.0	7.8	15.1	8.0	6.7	5.4	4.2	54.2	16.5
Male [1]	59.5	10.9	15.9	5.4	3.6	3.8	7.8	4.0	3.4	2.7	2.0	27.3	16.1
Female [1]	56.6	10.0	14.5	5.2	3.4	4.0	7.4	4.0	3.3	2.6	2.2	26.9	16.9
Northern Mariana Islands:													
1970, total	9.6	1.8	2.7	1.0	.6	.6	.9	.7	.6	.4	.2	4.1	15.2
1980, total	16.8	2.5	3.9	1.5	.9	1.2	2.8	1.7	1.2	.7	.5	8.9	19.7
Male	8.8	1.3	2.0	.7	.5	.6	1.5	1.0	.7	.4	.2	4.9	20.9
Female	8.0	1.2	2.0	.8	.5	.6	1.3	.6	.4	.3	.3	4.0	18.5

[1] As of September 15, 1980.

Source: U.S. Bureau of the Census, *Census of Population: 1960*, vol. I; *1970*, vol. I, *Characteristics of the Population*, parts 53-56; and unpublished data.

NO. 1481. LAND AREA AND POPULATION CHARACTERISTICS, BY AREA: 1980

[As of April 1. See also table 339 for gross area (land and water). For definition of median, see Guide to Tabular Presentation]

ITEM	Puerto Rico	American Samoa	Guam	Virgin Islands	Trust Territory of the Pacific Islands	Northern Mariana Islands
Land area (sq. miles)	3,459	77	209	132	533	184
Total resident population	**3,196,520**	**32,297**	**105,979**	**96,569**	**116,149**	**16,780**
Per square mile	924.1	419.4	507.1	731.6	217.9	91.2
Percent increase, 1970–1980	17.9	18.9	24.7	54.6	42.9	74.1
Urban	2,134,365	5,660	41,875	37,730	35,153	2,678
Rural	1,062,155	26,637	64,104	58,839	80,996	14,102
Male	1,556,727	16,384	55,321	46,204	59,527	8,817
Female	1,639,793	15,913	50,658	50,365	56,622	7,963
Males per 100 females	94.9	103.0	109.2	91.7	105.1	110.7
Median age (years)	24.6	18.8	22.3	22.5	16.5	19.7
Male (years)	23.7	18.4	22.4	21.1	16.1	20.9
Female (years)	25.5	19.2	22.1	23.6	16.9	18.5
School years completed, persons 25 years old and over	1,577,682	(NA)	46,906	44,986	(NA)	6,760
Elementary: 0–8 years	753,742	(NA)	9,973	16,997	(NA)	2,886
High school:						
1–3 years	200,269	(NA)	6,157	6,475	(NA)	851
4 years or more	332,770	(NA)	14,653	11,543	(NA)	1,543
College	290,901	(NA)	16,123	10,971	(NA)	1,480
Marital status, persons 15 years old and over	**2,187,246**	**19,090**	**69,007**	**61,791**	**61,795**	**9,975**
Single	613,024	7,406	20,675	22,376	19,792	3,462
Married [1]	1,320,193	10,571	44,041	32,204	37,783	5,977
Widowed or divorced	254,029	1,113	4,291	7,211	4,220	536
Households and families:						
Population in households	3,176,511	31,963	101,000	95,949	115,039	16,234
Number of households	636,565	4,513	24,834	28,329	16,432	3,028
Population per household	4.99	7.08	4.07	3.39	7.00	5.36
Families	753,936	4,287	21,780	20,855	15,578	2,652
Husband-wife families	580,326	3,475	18,473	13,612	12,363	2,113

NA Not available. [1] Includes consensually married couples and separated couples.

Source: U.S. Bureau of the Census, unpublished data.

NO. 1482. POPULATION, BY PLACE OF BIRTH, PERIOD OF IMMIGRATION OF FOREIGN-BORN, AND CITIZENSHIP STATUS—BY AREA: 1970

[As of April 1]

ITEM	American Samoa	Guam	Virgin Islands	Trust Territory of the Pacific Islands	Northern Mariana Islands
Total resident population	**27,159**	**84,996**	**62,468**	**81,300**	**9,640**
Native-born, total	21,286	71,512	41,140	80,406	9,485
Percent of total	78.4	84.1	65.9	98.9	98.4
Born in U.S.	1,211	23,934	8,058	3,132	372
Born in a U.S. territory	20,067	47,472	29,068	77,272	9,113
Born in Puerto Rico	8	106	4,014	2	–
Foreign-born, total [1]	5,873	13,484	21,328	894	155
Percent of total	21.6	15.9	34.1	1.1	1.6
Europe	43	821	847	79	9
Asia	4,593	11,391	225	306	122
Americas, other than U.S	20	228	18,984	33	4
Other	1,021	120	94	70	9
By period of immigration:					
Before 1950	700	879	1,047	55	17
1950–1959	788	1,255	1,554	274	3
1960–1970	4,385	11,350	18,727	565	135
By citizenship status:					
Naturalized	149	3,491	2,165	374	38
Permanent alien	4,331	5,027	7,619	263	32
Temporary alien	1,336	4,045	11,309	188	55
Born abroad of American parents	57	921	235	69	30

– Represents zero. [1] Includes foreign-born persons for whom country was not reported.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, *Characteristics of the Population*, parts 54–58.

No. 1483. Vital Statistics—Specified Areas: 1950 to 1980

[Births, deaths, and infant deaths by place of residence; marriages and divorces by place of occurrence. Rates for 1950, 1960, 1970, and 1980 based on population enumerated as of April 1; for all other years, on population estimated as of July 1]

Area and year	Births		Deaths		Infant deaths		Marriages		Divorces [3]	
	Number	Rate [1]	Number	Rate [1]	Number	Rate [2]	Number	Rate [1]	Number	Rate [1]
Puerto Rico:										
1950	86,038	38.9	21,895	9.9	5,807	67.5	20,532	9.3	3,591	1.6
1955	77,830	34.6	16,221	7.2	4,343	55.8	18,912	8.4	4,622	2.1
1960	76,914	32.5	15,791	6.7	3,307	43.3	[4] 20,212	[4] 8.6	5,218	2.2
1965	79,608	30.2	17,686	6.7	3,406	42.8	25,184	9.6	10,519	4.0
1970	67,628	24.8	18,080	6.7	1,930	28.6	29,905	11.0	9,688	3.6
1975	69,702	23.8	17,805	6.1	1,335	19.2	32,731	11.2	12,985	4.4
1976	71,888	23.8	19,266	6.4	1,437	20.0	33,741	11.2	12,357	4.1
1977	75,191	24.4	19,778	6.4	1,514	20.1	34,541	11.2	12,085	3.9
1978	75,117	24.1	19,812	6.4	1,391	18.5	34,048	10.9	12,392	4.0
1979	73,761	23.3	20,271	6.4	1,457	19.8	33,072	10.4	13,471	4.3
1980	72,986	22.8	20,413	6.4	1,351	18.5	33,167	10.4	15,276	4.8
Guam:										
1965	2,523	32.8	336	4.4	82	32.5	471	6.2	53	.7
1970	2,842	28.8	355	5.8	62	21.6	874	9.9	84	1.0
1975	3,156	30.9	427	4.2	65	20.6	1,861	18.2	196	1.9
1976	3,038	29.6	446	4.4	55	18.1	1,538	15.0	275	2.7
1977	2,989	29.5	361	3.6	45	15.1	(NA)	(NA)	(NA)	(NA)
1978	2,888	28.3	398	3.9	45	15.6	1,769	17.3	361	3.5
1979	2,929	28.2	354	3.4	31	10.5	(NA)	(NA)	(NA)	(NA)
1980	2,945	27.8	393	3.7	43	14.6	(NA)	(NA)	(NA)	(NA)
Virgin Islands:										
1950	894	33.5	374	14.0	51	57.0	138	5.2	271	10.2
1955	913	33.1	311	11.3	41	44.9	221	8.0	103	3.7
1960	1,180	36.8	332	10.3	42	35.6	359	11.1	135	4.2
1965	1,998	46.2	416	9.6	80	30.0	595	13.7	249	5.7
1970	2,898	46.8	489	7.9	72	24.6	1,149	18.4	270	4.3
1975	2,372	25.1	477	5.0	62	26.1	1,064	11.3	353	3.7
1976	2,343	24.4	447	4.6	68	29.0	933	9.7	399	4.1
1977	2,373	25.5	380	4.1	55	23.2	919	9.9	442	4.7
1978	2,524	26.3	461	4.8	54	21.4	1,131	11.8	484	5.0
1979	2,389	24.8	476	4.9	53	21.2	1,067	11.1	410	4.3
1980	2,504	25.9	504	5.2	61	24.4	1,112	11.5	478	4.9

NA Not available. [1] Per 1,000 population. [2] Per 1,000 live births. [3] Includes reported annulments. [4] Data are incomplete.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; Statistical Office of the United Nations, New York, N.Y., *Demographic Yearbook* 1969, 1974, and 1977 (copyright); and Department of Public Health and Social Services, Government of Guam, *Statistical Report—1978.*

No. 1484. Public Elementary and Secondary Schools, by Areas: 1980

[For school year, unless otherwise indicated]

Item	Puerto Rico	American Samoa	Guam	Virgin Islands	Commonwealth of the Northern Marianas
Enrollment, fall	**712,880**	**9,647**	**26,420**	**25,201**	[1] **4,407**
Elementary (kindergarten-grade 8)	521,865	7,174	19,603	19,716	[1] 3,267
Secondary (grades 9-12 and post graduates)	191,015	2,473	6,817	5,485	[1] 1,140
Average daily attendance	(NA)	(NA)	**25,814**	**23,304**	**4,240**
Percent of enrollment	(NA)	(NA)	93.6	91.2	96.2
Professional staff, fall	**36,754**	**737**	**1,799**	**1,967**	(NA)
Official/administrative	1,750	75	76	116	(NA)
Professional/educational	33,027	643	1,581	1,719	(NA)
Teachers	31,964	559	1,466	1,567	(NA)
Professional/other	1,977	19	142	132	(NA)
Average salary for classroom teachers (dol.)	(NA)	(NA)	15,000	13,575	7,641
Average salary for other professional educational staff (dol.)	(NA)	(NA)	16,000	16,882	8,542
Total estimated expenditures ($1,000)	(NA)	(NA)	**41,294**	**48,317**	**9,324**
Current expenditures [2] ($1,000)	(NA)	(NA)	31,327	43,757	5,997
Per pupil [3] (dol.)	(NA)	(NA)	1,214	1,678	1,414
Other current expenditures [4] ($1,000)	(NA)	(NA)	-	2,535	403
Capital outlay ($1,000)	(NA)	(NA)	9,967	2,025	2,924
Per pupil [3] (dol.)	(NA)	(NA)	386	87	690

- Represents zero. NA Not available. [1] 1979 data. [2] Public elementary and secondary day schools. [3] Annual expenditures per pupil in average daily attendance. [4] Community services, summer schools, adult education, and community colleges.

Source: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day School Systems*, and unpublished data.

NO. 1485. SCHOOL ENROLLMENT AND EMPLOYMENT STATUS, 1980, AND PERCENT DISTRIBUTION BY FAMILY INCOME CLASS, 1979, BY AREA

ITEM	Puerto Rico [1]	Guam	Virgin Islands	Northern Mariana Islands
SCHOOL ENROLLMENT, 1980				
Total enrolled, 3 years old and over	**971,592**	**36,002**	**34,934**	**5,479**
Elementary (grades 1-8), total [2]	**616,438**	**23,303**	**25,642**	**4,102**
Public	542,955	20,061	20,576	3,576
Private	73,483	3,242	5,066	526
High school (4 years), total	**220,477**	**8,562**	**7,275**	**1,281**
Public	200,118	7,580	5,856	1,149
Private, total	*20,359*	*982*	*1,419*	132
College, total	**134,677**	**4,137**	**2,017**	**96**
Public	103,650	3,888	1,897	80
EMPLOYMENT STATUS, 1980				
Total persons, 16 years old and over	**2,114,673**	**66,773**	**59,310**	**9,599**
In labor force	869,856	44,484	38,082	6,102
Percent of total	41.1	66.6	64.2	63.6
Armed Forces	4,137	10,125	84	13
Civilian labor force	865,719	34,359	37,998	6,089
Employed	733,922	32,692	35,652	5,941
Unemployed	131,797	1,667	2,346	148
Percent of civilian labor force	15.2	4.9	6.2	2.4
Not in labor force	1,244,817	22,289	21,228	3,497
FAMILY INCOME, 1979				
Families, 1980	**757,645**	**21,780**	**20,855**	**2,652**
Percent distribution, by income class	100.0	100.0	100.0	100.0
Less than $1,000	11.3	2.1	3.2	4.4
$1,000-$2,499	12.4	1.7	3.4	5.9
$2,500-$4,999	19.7	3.7	7.8	17.8
$5,000-$7,499	17.5	6.6	14.3	16.1
$7,500-$9,999	10.9	9.8	12.4	13.7
$10,000-$14,999	13.3	21.1	19.8	16.9
$15,000-$24,999	10.3	28.4	22.3	14.7
$25,000 or more	4.6	26.6	16.7	10.4
Median income [3] **(dol.)**	**5,923**	(NA)	**11,914**	[4] **8,809**

NA Not available. [1] "Data based on sample and subject to sampling variability, see Appendix III. [2] Includes nursery and *kindergarten.* [3] For definition of median, see Guide to Tabular Presentation. [4] Excludes those with no income.

Source: U.S. Bureau of the Census, unpublished data.

NO. 1486. FEDERAL DIRECT PAYMENTS TO INDIVIDUALS BY SELECTED PROGRAM AND AREA: 1981 AND 1982

[In thousands of dollars. For fiscal years, except as noted]

PROGRAM PAYMENTS	1981					1982				
	American Samoa	Guam	Puerto Rico	*Trust Territory*	Virgin Islands	*American Samoa*	Guam	Puerto Rico	Trust Territory	Virgin Islands
Total	**5,729**	**41,608**	**2,298,189**	**612**	**55,717**	**6,855**	**42,528**	**2,714,871**	**2,019**	**56,491**
Pell Grants [1]	-	710	118,782	-	281	-	757	135,509	-	310
Medicare: Hospital Insurance	-	1,188	88,890	-	1,814	-	-	107,749	-	-
Supplemental Medical Insurance	-	659	54,298	-	983	-	-	63,878	-	-
Social Security: Disability Insurance	731	1,137	-	20	2,697	836	1,236	442,050	20	2,839
Retirement Insurance	1,620	3,541	556,061	131	15,254	1,955	4,148	622,824	141	17,353
Survivors Insurance	1,599	3,022	257,518	77	6,176	1,886	3,487	291,338	99	7,153
Veterans: Pension and Disability	740	821	206,030	-	1,489	1,079	2,112	226,618	-	1,860
Education Assistance	223	113	14,691	-	125	302	602	10,943	-	84
Federal Retirement and Disability	787	12,075	85,734	191	5,574	738	13,020	105,866	202	5,661
Food Stamps	-	17,864	879,116	-	20,800	-	16,703	671,198	-	19,844
Other	29	478	35,069	193	524	59	463	36,898	1,557	1,367

- Represents or rounds to zero. [1] Outlays for the academic year.

Source: U.S. Bureau of the Census, *Federal Expenditures by State,* annual.

No. 1487. Puerto Rico—Summary: 1950 to 1982

Item	Unit	1950	1960	1970	1975	1976	1977	1978	1979	1980	1981	1982 [1]
POPULATION												
Population [2]	1,000	2,218	2,360	2,722	2,939	3,018	3,074	3,122	3,161	3,206	3,247	3,265
Persons per family	Number	5.1	4.8	4.1	3.7	4.0	4.0	3.8	3.8	3.7	3.7	3.7
EDUCATION [3]												
Enrollment, total	1,000	(NA)	737.6	925.8	977.9	1,007.9	1,013.4	1,027.9	1,020.2	1,028.2	1,042.2	(NA)
Public day school	1,000	408.1	573.4	672.3	704.1	709.6	721.8	727.7	721.4	716.1	712.9	(NA)
Other public	1,000	(NA)	76.4	103.9	83.7	91.9	87.1	86.3	82.9	85.6	98.9	(NA)
Private schools	1,000	(NA)	63.3	92.3	95.7	103.4	95.7	97.3	93.4	99.4	98.5	102.4
College and university	1,000	12.6	24.5	57.3	94.4	103.0	108.9	116.5	122.1	127.0	131.9	134.5
Expenses	Mil. dol	37.8	87.4	288.8	398.4	499.9	491.8	647.3	714.3	754.1	874.3	936.3
As percent of GNP	Percent	5.0	5.2	6.2	5.6	6.6	6.1	7.2	7.1	6.8	7.2	7.4
Public	Mil. dol	31.0	74.1	254.6	334.8	429.1	400.2	537.0	585.3	612.2	716.2	749.7
Private	Mil. dol	6.8	13.3	34.2	63.6	70.8	91.6	110.3	129.0	141.9	158.1	186.6
LABOR FORCE [4]												
Total [5]	1,000	686	625	765	872	890	920	961	979	996	1,015	1,011
Employed [6]	1,000	596	542	686	738	718	735	780	807	827	833	791
Agriculture [7]	1,000	216	125	68	50	47	39	40	38	43	42	38
Manufacturing	1,000	55	81	132	137	133	144	156	160	157	154	148
Trade	1,000	90	97	128	141	140	145	149	155	152	155	154
Government	1,000	45	62	106	151	158	168	180	190	202	202	188
Unemployment	1,000	88	82	79	134	172	184	180	171	169	182	219
Unemployment rate [8]	Rate	13	13	10	15	19	20	19	18	17	18	22
Compensation of employees	Mil. dol	388.9	928.9	2,600.2	4,846.5	5,030.9	5,359.7	5,868.1	6,525.4	7,202.0	7,886.7	7,886.0
Avg. compensation	Dollar	653	1,711	4,082	6,567	7,007	7,253	7,523	8,096	8,709	9,468	9,970
Salary and wages	Mil. dol	377.7	872.0	2,554.5	4,331.8	4,471.9	4,764.9	5,236.8	5,778.5	6,334.4	6,925.2	6,913.5
INCOME [9]												
Personal income:												
Current dollars	Mil. dol	653	1,374	3,753	6,843	7,644	8,134	8,947	9,894	10,934	12,168	12,757
Constant (1954) dollars	Mil. dol	763	1,240	2,654	3,425	3,560	3,658	3,842	4,056	3,989	4,017	3,990
Disposable personal income:												
Current dollars	Mil. dol	638	1,334	3,565	6,446	7,182	7,601	8,461	9,336	10,314	11,473	11,998
Constant (1954) *dollars*	Mil. dol	745	1,204	2,521	3,226	3,345	3,418	3,633	3,828	3,763	3,788	3,753
Average family income:												
Current dollars	Dollar	1,495	2,812	5,674	8,687	10,264	10,680	10,974	11,970	12,706	13,953	14,496
Constant (1954) dollars	Dollar	1,752	2,539	4,013	4,348	4,780	4,804	4,712	4,906	4,636	4,607	4,533
BANKING [10]												
Assets	Mil. dol	339	705	3,322	6,642	7,161	8,676	9,726	10,534	12,223	14,163	15,605
Debits	Mil. dol	319	835	2,548	6,930	7,768	8,237	8,106	8,039	13,399	16,780	18,701
Personal checking	Mil. dol	(NA)	(NA)	1,999	5,714	6,515	6,798	6,510	6,040	11,206	14,773	16,640
Personal savings	Mil. dol	(NA)	(NA)	94	166	203	251	295	320	423	475	800
Government accounts	Mil. dol	(NA)	(NA)	454	1,049	1,050	1,188	1,301	1,679	1,770	1,531	1,261
TOURISM [9]												
Number of visitors	1,000	64.5	347.4	1,088.4	1,339.1	1,298.7	1,376.5	1,474.3	1,662.0	1,679.3	1,516.6	1,563.7
Visitor expenditures	Mil. dol	6.8	58.1	235.4	375.0	392.5	423.9	481.9	565.0	615.4	615.6	681.6
Average per visitor	Dollar	105	167	216	280	302	308	327	340	366	406	436
Net income from tourism	Mil. dol	1.7	19.4	89.8	137.8	140.7	159.7	178.5	206.3	226.4	232.7	261.8

NA Not available. [1] Preliminary. [2] As of July 1. [3] Enrollment for the first school month. Expenses for school year ending in year shown. [4] Annual average of monthly figures. For fiscal years. [5] Beginning 1977, for population 16 years old and over; prior to 1977, for population 14 years and over. [6] Includes other employment, not shown separately. Beginning 1978, for population 16 years old and over; prior to 1978, for population 14 years and over. [7] Includes forestry and fisheries. [8] Percent unemployed of the labor force. [9] For fiscal years. [10] As of June 30.

Source: Puerto Rico Planning Board, San Juan, P.R., Income and Product, annual, and *Socioeconomics Statistics,* annual.

No. 1488. Puerto Rico—Employment Status, 1960 to 1982 and by Sex, 1981 and 1982

[In thousands of persons 14 years old and over except, beginning 1978, 16 years old and over. Annual averages for calendar years of the civilian noninstitutional population]

Employment status	1960	1965	1970	1975	1978	1979	1980	1981			1982		
								Total	Male	Female	Total	Male	Female
Total	1,368	1,555	1,743	2,099	2,198	2,272	2,322	2,382	1,123	1,258	2,427	1,148	1,279
In the labor force	635	698	778	875	971	987	1,006	1,017	671	346	999	663	336
Employed	558	617	694	715	796	819	834	815	520	296	771	489	282
Working	525	585	658	667	748	769	782	765	490	274	727	465	262
35 hours or more [1]	406	470	570	487	581	591	587	547	363	184	516	347	169
Less than 35 hours [2]	119	115	88	181	167	178	195	218	127	90	211	118	93
Not working	33	31	35	48	48	50	52	51	29	22	44	24	20
Unemployed	77	81	84	159	175	168	172	202	151	50	228	175	53
Percent	12.1	11.6	10.7	18.2	18.1	17.0	17.1	19.9	22.6	14.6	22.8	26.3	15.9
Not in labor force	734	856	965	1,224	1,227	1,285	1,316	1,364	452	912	1,428	484	943

[1] Prior to 1978, 30 hours or more. [2] Prior to 1978, less than 30 hours.

Source: Puerto Rico Dept. of Labor, Bureau of Labor Statistics and Human Resources, San Juan, P.R., unpublished data.

NO. 1489. PUERTO RICO—GROSS PRODUCT AND IMPORTS: 1960 TO 1982

[In millions of dollars, except percent change. For years ending June 30. Minus sign (–) indicates decrease]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982, prel.
Gross Commonwealth Product	1,676	2,764	4,688	7,129	8,116	8,932	9,993	11,043	12,129	12,617
Average annual percent change [1]	8.0	10.5	11.1	8.7	6.7	10.1	11.9	10.5	9.8	4.0
Sales of domestic production and imports	2,897	4,872	8,440	14,545	17,591	19,306	21,837	24,872	27,345	27,591
Goods and services to P.R. users	2,012	3,479	5,964	10,112	11,585	12,830	13,870	15,599	16,751	15,872
Consumers	1,397	2,251	3,747	6,390	8,167	9,043	9,843	10,929	11,969	12,225
Commonwealth and municipal govts.	218	380	765	1,612	1,728	1,877	2,025	2,245	2,533	2,401
Construction	227	501	989	1,481	1,004	1,134	1,200	1,303	1,376	1,236
Producers durable equipment	128	219	413	426	532	601	664	726	759	538
Changes in inventories	42	128	50	203	154	175	138	396	114	–528
Goods and services to rest of world	885	1,393	2,476	4,433	6,006	6,476	7,967	9,271	10,594	11,719
Other investments [2]	–	–	–	133	22	–	14	12	1	1
Less: Imports of goods and services	1,221	2,108	3,752	7,549	9,497	10,373	11,858	13,839	15,217	14,975

– Represents zero or rounds to zero. [1] Change from previous year shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Includes investments by Puerto Rico Maritime Shipping Authority.

Source: Puerto Rico Planning Board, San Juan, P.R., *Income and Product*, annual, and unpublished data.

NO. 1490. PUERTO RICO—NET INCOME, BY INDUSTRIAL ORIGIN: 1960 TO 1982

[In millions of dollars. For years ending June 30]

INDUSTRY	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982, prel.
All industries	1,349	2,230	3,668	5,920	6,650	7,402	8,269	9,072	9,875	10,258
Agriculture	180	190	178	310	292	359	369	390	383	358
Manufacturing	289	553	958	1,941	2,813	3,268	3,783	4,312	4,730	5,262
Chemicals and allied products	10	50	109	560	1,011	1,158	1,285	1,551	1,778	2,106
Metal products and machinery	55	82	192	478	741	846	1,059	1,187	1,376	1,605
Food and related products	67	125	161	274	315	418	417	420	495	523
Apparel and related products	51	69	172	205	266	317	319	341	365	378
Other manufacturing	106	207	324	423	481	529	703	813	716	650
Mining	2	5	7	6	5	6	5	9	9	9
Contract construction	87	175	338	409	290	307	334	345	378	332
Transp. and other public utilities [1]	127	213	342	621	730	780	905	1,025	1,136	1,233
Trade	237	402	631	945	1,126	1,232	1,406	1,552	1,723	1,732
Finance, insurance, and real estate	141	253	504	700	804	916	1,125	1,245	1,374	1,521
Services	127	250	448	727	895	987	1,079	1,191	1,327	1,416
Commonwealth Government [2]	175	307	610	1,334	1,450	1,573	1,713	1,897	2,048	1,935
Rest of the world	–16	–118	–347	–1,072	–1,754	–2,026	–2,451	–2,893	–3,233	–3,540

[1] Includes radio and television. [2] Includes public enterprises, not elsewhere classified.

NO. 1491. PUERTO RICO—RECEIPTS AND EXPENDITURES OF THE CENTRAL GOVERNMENT, BY MAJOR ITEM: 1960 TO 1982

[In millions of dollars. For years ending June 30]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Receipts	351	672	1,275	2,402	2,929	3,073	3,417	3,712	4,196	4,452	4,690
Taxes	237	408	735	1,294	1,605	1,723	1,809	1,957	2,108	2,304	2,509
Personal	40	88	188	397	462	533	486	557	620	694	758
Corporate	26	54	92	167	171	180	237	273	325	345	414
Indirect business	172	265	456	730	972	1,010	1,086	1,126	1,162	1,265	1,338
Contributions to social insurance	45	81	162	335	362	372	398	441	477	518	525
Profits from govt. business enterprises	6	11	6	–63	–78	–116	–50	–123	–68	–66	77
Interest and dividends	10	17	49	73	79	88	105	122	157	175	191
Sales of goods and services	9	37	67	112	138	145	151	164	173	194	223
Transfers from Federal Government	44	118	257	651	823	860	1,003	1,149	1,348	1,327	1,165
Transfers from private enterprises	–	–	–	(z)	(z)	(z)	(z)	1	1	1	1
Expenditures	287	548	1,105	2,416	2,617	2,778	2,986	3,165	3,570	3,997	3,909
Purchases of goods and services	227	417	831	1,725	1,754	1,873	2,028	2,181	2,418	2,727	2,624
Compensation of employees	174	307	610	1,334	1,390	1,450	1,573	1,694	1,897	2,048	1,935
Other purchases	103	197	390	671	675	698	772	813	830	978	919
Less: Capital expenditures	50	87	169	279	312	274	317	326	309	299	230
Interest	7	19	36	116	140	149	170	161	151	187	187
Subsidies	9	11	33	98	99	100	118	122	117	125	122
Transfer payments to persons	44	82	173	405	545	570	580	597	773	837	846
Transfer payments to Federal Government	(z)	19	30	71	80	86	91	105	111	121	130
Savings [1]	64	124	170	–13	311	295	432	547	626	455	781

– Represents zero. Z Less than $500,000. [1] Includes disbursements for land acquisition, equipment purchases, and other capital investments.

Source of tables 1490 and 1491: Puerto Rico Planning Board, San Juan, P. R., *Income and Product*, annual.

No. 1492. Puerto Rico—Business Summary: 1972 and 1977

[**Sales and payroll in millions of dollars;** for discussion of coverage, see text, pp. 795 and 796]

Kind of business (Based on 1972 Standard Industrial Classification System)	1972		1977			
	Establishments	Sales	Establishments	Sales	Payroll, entire year	Employees [1]
Wholesale trade [2]	**2,160**	**2,559**	**2,208**	**4,395**	**260**	**27,788**
Motor vehicles, automotive parts and supplies	141	163	126	164	16	1,662
Drugs [3], and chemicals, allied products	172	222	154	372	35	3,497
Apparel, piece goods, and notions	168	116	159	136	8	946
Groceries and related products	500	780	486	1,420	51	6,208
Electrical goods	121	137	124	182	19	1,834
Machinery, equipment, supplies	297	259	342	358	50	4,773
Petroleum and petroleum products	34	207	71	567	11	896
Retail trade [2]	**29,894**	**2,918**	**35,276**	**4,796**	**423**	**78,201**
Bldg. materials, hdware, garden supplies, mobile home dealers	943	216	1,347	346	33	5,309
Hardware stores	575	105	816	168	16	2,627
General merchandise group stores	1,357	330	1,061	479	62	10,461
Department stores	47	217	39	312	40	6,056
Food stores, eating and drinking places	18,839	905	22,477	1,593	122	25,622
Grocery stores, eating and drinking places	16,319	839	19,960	1,489	111	23,056
Automotive dealers, gasoline service stations [4]	2,230	716	2,933	1,145	65	10,600
Motor vehicle dealers—new and used cars	308	456	284	607	31	4,028
Gasoline service stations	1,317	172	1,520	336	15	3,710
Apparel, accessory stores [4]	2,360	295	2,796	498	60	11,527
Men's, boys' clothing and furnishing stores	529	86	529	117	13	2,255
Women's clothing, specialty stores	867	95	1,002	172	20	4,261
Family clothing stores	312	33	386	61	8	1,635
Furniture, home furnishings and equipment stores	1,420	212	1,522	270	28	4,927
Selected services industries [2] [5]	**14,163**	**512**	**19,936**	**940**	**273**	**41,704**
Hotels, motels, trailering parks, and camps	263	130	181	(D)	(D)	(D)
Personal services	2,982	51	3,160	72	16	3,574
Business services	812	162	1,184	271	89	14,870
Auto repairs, services, garages	1,438	63	2,285	(D)	(D)	(D)
Amusement, recreation services, motion pictures	7,822	87	9,753	133	19	3,743

D Withheld to avoid disclosure. [1] For week including Mar. 12. [2] Includes data not shown separately. [3] Includes drug proprietaries and druggists' sundries. [4] For 1972, excludes arrangement of passenger transportation; dental laboratories; legal services; engineering, architectural, and surveying services.

Source: U.S. Bureau of the Census, *Census of Outlying Areas, Retail Trade, Wholesale Trade,* and *Selected Service Industries, 1977, Puerto Rico,* series OAC77-1.

No. 1493. Puerto Rico—Manufactures, by Industry: 1972 and 1977

Industry (Based on 1972 Standard Industrial Classification System)	1972			1977					
					All employees		Production workers		
	Establishments	All employees [1]	Value added by manufacture [2] (mil. dol.)	Establishments	Number [1]	Payroll (mil. dol.)	Number [1]	Wages (mil. dol.)	Value of shipments [3] (mil. dol.)	Value added by manufacture [2] (mil. dol.)
All industries	**2,340**	**149,748**	**1,915.4**	**2,297**	**146,861**	**997.0**	**126,236**	**738.8**	**10,137.1**	**4,097.2**
Food and kindred products	321	27,739	343.4	324	21,407	149.0	17,249	103.3	1,456.6	485.6
Tobacco products	28	4,508	46.4	17	3,670	24.5	3,419	21.9	214.1	122.0
Textile mill products	61	7,819	67.1	63	6,001	29.5	5,743	26.5	183.0	109.8
Apparel and other textile products	473	39,624	252.5	386	35,294	151.8	33,086	131.1	593.3	278.9
Lumber and wood products	100	1,194	8.2	83	823	3.9	712	3.1	20.5	9.1
Furniture and fixtures	140	3,213	29.3	124	2,383	12.1	2,115	9.1	48.3	26.1
Paper and allied products	37	1,567	17.9	38	1,459	11.8	1,182	8.3	70.3	21.7
Printing and publishing	129	2,968	41.8	161	4,037	28.8	3,508	23.2	95.4	68.9
Chemicals and allied products	125	8,979	451.2	181	15,732	162.5	10,517	83.0	2,756.1	1,476.5
Petroleum and coal products	16	2,161	91.7	19	2,462	36.9	1,998	27.0	2,147.9	143.4
Rubber and misc. plastic products	56	3,494	27.4	77	5,962	43.4	5,514	35.9	236.8	147.6
Leather and leather products	57	6,611	39.3	47	6,165	29.3	5,605	26.3	125.2	55.7
Stone, clay, and glass products	189	6,250	73.1	175	4,987	39.8	3,857	28.3	229.9	102.7
Primary metal industries	16	956	14.3	35	1,567	12.7	1,194	8.7	91.5	48.5
Fabricated metal products	219	5,247	78.2	199	4,654	33.7	3,868	25.7	212.9	84.2
Machinery, exc. electrical	64	2,229	37.6	57	4,071	32.8	3,112	25.5	301.7	161.2
Electric and electronic equipment	105	14,671	169.6	131	14,785	106.9	13,465	84.7	716.4	403.1
Instruments and related products	25	712	6.8	69	6,789	52.1	6,061	39.1	409.0	257.3
Transportation equipment	44	6,066	84.2	26	1,127	8.2	952	6.7	47.4	28.1
Misc. manufacturing industries	115	3,720	35.3	85	3,487	27.3	2,679	21.6	178.9	87.8

[1] Average for year. [2] See footnote 6, table 1366. [3] Represents net selling value, f.o.b. plant. Excludes freight charges and excise taxes. Includes extensive duplication arising from shipments between establishments in the same industry.

Source: U.S. Bureau of the Census, *Censuses of Outlying Areas, Manufactures, 1977, Puerto Rico,* series OAC77-4.

No. 1494. Puerto Rico—Construction Summary: 1972 and 1977

[Money figures in millions of dollars]

INDUSTRY (Based on 1972 Standard Industrial Classification System [1])	1972		1977				
	Establishments	Total receipts	Establishments	Total receipts	Payroll, entire year	Employees	Value added
Construction [2]	**1,516**	**1,129**	**1,692**	**931**	**216**	**36,154**	**401**
General building contractors and operative builders	684	693	777	555	120	20,281	195
General contractors, residential buildings	441	425	576	(D)	49	9,847	(D)
Single-family houses	384	289	548	162	40	8,256	59
Operative builders	82	157	70	145	17	3,109	46
General contractors, nonresidential buildings	161	111	131	(D)	54	7,325	(D)
Heavy construction, general contractors	150	207	156	151	37	5,164	88
Special trade contractors [2]	648	216	705	202	55	9,515	110
Plumbing, heating, air-conditioning	103	47	132	39	9	1,361	19
Painting, paperhanging, decorating	49	(D)	52	(D)	3	585	(D)
Electrical work	125	47	134	51	14	2,163	27
Masonry, plastering, and tile setting	85	[3] 13	67	(D)	8	1,607	(D)
Carpentering and flooring	43	[4] 1	40	(D)	1	258	(D)
Concrete work	48	(D)	45	19	6	922	11

D Withheld to avoid disclosure. [1] See text, pp. 795 and 796. [2] Includes industries not shown separately. [3] Masonry only. [4] Flooring only.

Source: U.S. Bureau of the Census, *Censuses of Outlying Areas, 1972, Construction Industries: Puerto Rico,* series OAC72-3; and *Censuses of Outlying Areas, 1977 Construction Industries, Puerto Rico,* series OAC77-3 (revised).

No. 1495. Puerto Rico—Agriculture: 1969 and 1978

[1 cuerda=.97 acre. Tons specified are short tons]

CROP	LAND HARVESTED (1,000 cuerdas)		PRODUCTION (millions)			Sales, 1978 (mil. dol.)	CROP	LAND HARVESTED (1,000 cuerdas)		PRODUCTION (millions)		
	1969	1978	Unit	1969	1978			1969	1978	Unit	1969	1978
Sugarcane	180.4	105.2	Tons	5.9	2.9	39.5	Plantains	8.3	(NA)	Number	95	76
Coffee	125.5	83.2	Lb.	17.5	18.3	26.8	Bananas	14.1	(NA)	Number	332	229
Vegetables [1]	4.6	5.4	(x)	(x)	(x)	2.4	Oranges	16.2	(NA)	Number	134	46.1
Pineapples	3.5	2.6	Tons	.5	(z)	5.6	Taniers	5.2	4.2	Lb.	13.8	7.3
Tobacco	3.7	1.5	Lb.	4.8	2.3	1.3	Pigeon peas	6.2	6.5	Lb.	4.0	9.2

NA Not available. X Not applicable. Z Less than 50,000 tons. [1] For sale.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1978,* vol. I.

No. 1496. Puerto Rico—Merchandise Imports and Exports: 1960 to 1982

[In millions of dollars]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Imports	924	1,543	2,681	3,593	4,961	4,885	5,928	6,200	6,918	7,834	9,018	9,329	8,167
From U.S	771	1,275	2,070	2,623	2,945	3,029	3,677	3,552	4,391	4,788	5,345	5,801	5,300
From other	153	263	611	970	2,016	1,856	2,251	2,649	2,527	3,046	3,673	3,528	2,867
Exports	604	1,006	1,680	2,727	3,275	3,000	3,735	4,516	5,123	6,539	6,576	7,047	8,886
To U.S	588	969	1,563	2,479	2,871	2,633	3,298	4,009	4,499	5,720	5,643	6,024	7,624
To other	16	37	117	248	404	367	437	507	624	819	933	1,023	1,264

Source: U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States,* annual; *U.S. Trade with Puerto Rico and U.S. Possessions,* FT 800; and unpublished data.

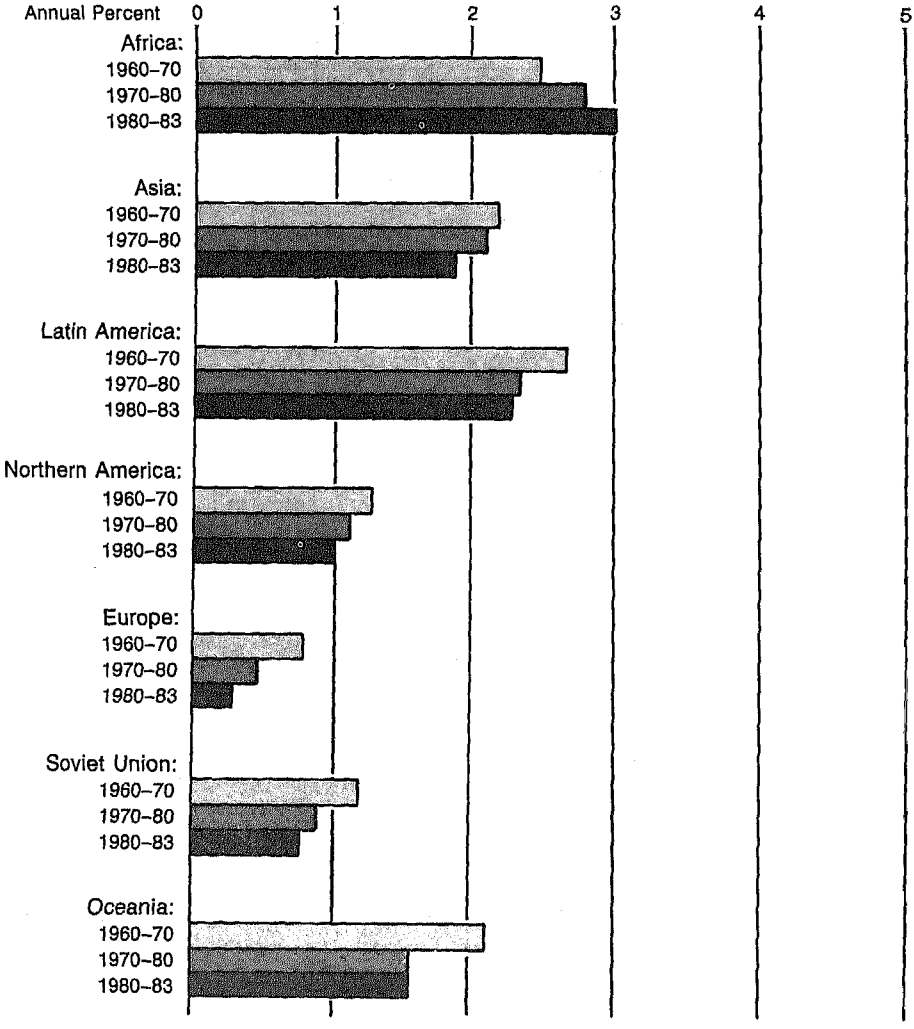
No. 1497. Guam and Virgin Islands—Economic Summary: 1977

KIND OF BUSINESS (Based on 1972 Standard Industrial Classification System [1])	GUAM				VIRGIN ISLANDS			
	Establishments	Sales or receipts ($1,000)	Payroll ($1,000)	Paid employees [2]	Establishments	Sales or receipts ($1,000)	Payroll ($1,000)	Paid employees [2]
Total	**900**	**606,202**	**74,256**	**10,405**	**2,211**	(D)	**119,804**	**15,069**
Construction	74	85,467	19,965	2,533	150	44,321	13,615	1,508
Manufacturing	20	[3] 172,617	6,131	686	83	(D)	39,163	2,912
Wholesale trade	51	77,775	5,180	546	104	124,379	8,776	980
Retail trade	531	215,201	25,630	4,070	1,104	277,998	35,909	5,622
Selected services	224	55,142	17,350	2,570	770	75,763	22,342	4,047

D Withheld to avoid disclosing data for individual companies. [1] See text, pp. 795 and 796. [2] For week including Mar. 12. [3] Value of shipments; figure contains duplication.

Source: U.S. Bureau of the Census, *Censuses of Outlying Areas, 1977: Virgin Islands* and *Guam,* series OAC 77-5 and 77-6, respectively.

Figure 33.1
World Population — Annual Growth Rate, by Continent: 1960 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1500.

1984

Section 33

Comparative International Statistics

This section presents statistics for the world as a whole and for many countries on a comparative basis with the United States. Selected data are shown for area and population, births and deaths, social and industrial indicators, finances, agriculture, transportation and communication, and military affairs.

The principal sources for these data are the United Nations *Statistical Yearbook* and the U.S. Bureau of the Census biennial publication *World Population*. Statistics of the individual nations may be found primarily in official national publications, generally in the form of yearbooks, issued by most of the nations at various intervals in their own national languages, expressed in their own or customary units of measure. For handier reference, especially for international comparisons, the Statistical Office of the United Nations compiles data as submitted by member countries and issues a number of international summary publications, generally in English and French. Among these are the *Statistical Yearbook;* the *Demographic Yearbook;* the *Yearbook of International Trade Statistics;* the *Yearbook of National Accounts Statistics: Vol. II, International Tables; Population and Vital Statistics Reports* (quarterly); the *Monthly Bulletin of Statistics;* and *Yearbook of World Energy Statistics.* Specialized agencies of the United Nations also issue international summary publications on agricultural, labor, and education statistics. Among these are the *Production Yearbook* and *Trade Yearbook* issued by the Food and Agriculture Organization, the *Yearbook of Labour Statistics* issued by the International Labour Office, and the *Statistical Yearbook* issued by the Educational, Scientific, and Cultural Organization.

The Bureau of the Census, in *Country Demographic Profiles,* series ISP-30, presents data on individual countries for both a recent census year and the current period; and in the biennial *World Population* series, estimates of basic demographic measures for countries and regions of the world. The *International Population Statistics Reports,* series P-90 and P-91, issued by the Bureau of the Census, also present population figures for many foreign countries.

The U.S. Arms Control and Disarmament Agency and the International Monetary Fund (IMF) also compile data on international statistics. In its *World Military Expenditures and Arms Transfers,* published annually, the Arms Control and Disarmament Agency presents data on various economic indicators, as well as basic military data. Among the topics presented have been military expenditures, gross national product, imports and exports, and armed forces, by region and/or country. The IMF publishes a series of reports relating to financial data. These include *International Financial Statistics, Direction of Trade,* and *Balance of Payments Yearbook,* published in English, French, and Spanish.

Statistical coverage, country names, and classifications.—Problems of space and availability of data limit the number of countries and the extent of statistical coverage shown. The list of countries included is based almost entirely on a U.S. Department of State list of sovereign nations, dependencies, and areas of special sovereignty published by the U.S. Department of State in *Status of the World's Nations.* Country names are shown here as specified in that publication. In the few cases where a lack of comparability exists between State Department and United Nations' terminology, the State Department's preferences are used.

The countries and regions in tables 1500, 1503, and 1504 are classified as either "more developed" or "less developed," according to a *regional* classification system used by the Census Bureau in its *World Population: 1983.* The system is based on the assumption that, within regions, levels of such factors as industrial development, literacy rate, gross reproduction rate, per capita income, etc., are somewhat constant. "More developed" countries comprise Japan, Australia, New Zealand, the Soviet Union, and those countries in Northern America and Europe. All others are "less developed".

Economic associations.—The Organization for European Economic Co-operation (OEEC), a regional grouping of Western European countries established in 1948 for the purpose of harmonizing national economic policies and conditions, was succeeded on September 30, 1961, by the Organization for Economic Cooperation and Development (OECD). The member nations of the OECD are Australia, Austria, Belgium, Canada, Denmark, Finland, France, Federal Republic of Germany, Greece, Iceland, Ireland, Italy, Japan, Luxembourg, the Netherlands, New Zealand, Norway, Portu-

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gal, Spain, Sweden, Switzerland, Turkey, the United Kingdom and the United States, plus Yugoslavia in special status category.

Quality and comparability of the data.—The quality and comparability of the data presented here are affected by a number of factors:

(1) The year for which data are presented may not be the same for all subjects for a particular country, or for a given subject for different countries, though the data shown are the most recent available. All such variations have been noted. The data shown are for calendar years except as otherwise specified.

(2) The bases, methods of estimating, methods of data collection, extent of coverage, precision of definition, scope of territory, and margins of error may vary for different items within a particular country, and for like items for different countries. Footnotes and headnotes to the tables give a few of the major time-period and coverage qualifications attached to the figures; considerably more detail is presented in the source publications. Many of the measures shown are, at best, merely rough indicators of magnitude.

(3) Figures shown in this section for the United States may not always agree with figures shown in the preceding sections. Disagreements may be attributable to the use of differing original sources, a difference in the definition of geographic limits (the 50 States, conterminous United States only, or the United States including certain outlying areas and possessions), or to possible adjustments made in the United States figures by the United Nations or other sources in order to make them more comparable with figures from other countries.

International comparisons of national accounts data.—In order to compare national accounts data for different countries, it is necessary to convert each country's data into a common unit of currency, usually the U.S. dollar. The market exchange rates which are often used in converting national currencies do not necessarily reflect the relative purchasing power in the various countries. For example, using table 1511 it should not be concluded that Switzerland's individual standard of living in 1982 was 19 percent higher than that of the U.S., or that the United Kingdom's was 36 percent lower, as the statistics may imply. It is obviously necessary that the goods and services produced in different countries should be valued consistently if the differences observed are meant to reflect real differences in the volumes of goods and services produced. The use of purchasing power parities (see table 1512) instead of exchange rates is intended to achieve this objective.

The method used to present the data shown in table 1512 is to construct volume measures directly by revaluing the goods and services sold in different countries at a common set of international prices. By dividing the ratio of the gross domestic products of two countries expressed in their own national currencies by the corresponding ratio calculated at constant international prices, it is possible to derive the implied purchasing power parity (PPP) between the two currencies concerned. PPP's show how many units of currency are needed in one country to buy the same amount of goods and services which one unit of currency will buy in the other country. For further information, see *National Accounts, Main Aggregates,* volume I, issued annually by the Organization for Economic Cooperation and Development, Paris, France.

Conversion factors.—To facilitate comparison in terms of familiar units, some items shown in metric units in the source have been converted to U.S. equivalents by means of the abbreviated conversion factors shown below. Additional conversion factors appear on p. xiv.

Conversion Factors

Metric units	*U.S. equivalents*
1 square kilometer	0.3861 sq. mile
1 metric ton (1,000 kilograms)	1.1023 short tons
1 hectolitre	26.4172 U.S. gallons
1 cubic meter	35.3147 cubic feet

No. 1498. World Summary: 1960 to 1981

[See text, p. 854, for general comments concerning quality of the data]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981
Population	**Millions**	**2,986**	**3,288**	**3,610**	**3,967**	**4,212**	**4,284**	**4,357**	**4,432**	**4,508**
Farm products, wood, fish:										
Barley	Mil. sh. ton	100	117	154	173	195	200	175	179	176
Coffee	Mil. sh. ton	4.7	5.6	4.2	4.9	4.7	5.2	5.4	5.3	6.4
Corn	Mil. sh. ton	226	250	289	359	384	430	461	432	491
Cotton (lint)	Mil. sh. ton	11	13	13	14	15	15	16	16	17
Peanuts (groundnuts)	Mil. sh. ton	15	18	20	21	20	21	21	22	21
Potatoes	Mil. sh. ton	314	314	344	316	354	304	313	249	283
Rice	Mil. sh. ton	261	282	348	397	408	425	415	441	456
Soybeans	Mil. sh. ton	30	40	51	76	87	85	101	92	97
Tobacco	Mil. sh. ton	4.2	5.0	5.1	6.0	6.1	6.3	5.9	5.9	5.9
Wheat	Mil. sh. ton	269	295	351	391	431	495	472	490	505
Wool, greasy	Mil. sh. ton	2.8	2.9	3.1	2.9	2.9	2.9	3.0	3.1	3.1
Roundwood	Bil. cu. ft	67	73	85	85	103	104	107	107	(NA)
Fish catches	Mil. sh. ton	44	59	75	76	78	79	79	80	(NA)
Industrial production:										
Electric energy	Bil. kWh	2,304	3,380	4,923	6,453	7,299	7,685	7,991	8,044	8,134
Energy (coal equivalent)	Mil. sh. ton	4,677	5,911	7,791	8,940	9,765	9,958	10,439	10,293	(NA)
Coal	Mil. sh. ton	2,170	2,218	2,362	2,615	2,783	2,848	2,963	3,020	3,037
Lignite	Mil. sh. ton	700	816	874	951	996	1,017	1,074	1,098	1,110
Coke oven coke	Mil. sh. ton	274	346	388	404	407	401	427	423	(NA)
Crude petroleum [1]	Bil. bbl	7.7	11.1	15.7	19.3	21.8	21.9	22.8	21.8	20.4
Iron ore	Mil. sh. ton	283	359	464	576	544	584	548	547	531
Nickel ore	1,000 sh. ton	371	483	727	821	874	880	(NA)	(NA)	(NA)
Tin concentrate [2]	1,000 sh. ton	153	171	204	194	208	219	237	238	231
Meat	Mil. sh. ton	68	77	93	108	113	115	119	121	121
Wheat flour [2]	Mil. sh. ton	109	118	134	139	144	145	(NA)	(NA)	(NA)
Sugar	Mil. sh. ton	58	72	80	90	99	99	97	94	100
Wine	Bil. gal	6	8	8	8	7	8	10	9	(NA)
Beer	Bil. gal	11	13	17	21	20	21	(NA)	(NA)	(NA)
Cigarettes [2]	Billions	1,899	2,296	2,688	3,112	3,332	3,404	(NA)	(NA)	(NA)
Noncellulosic fibers	1,000 sh. ton	772	2,260	5,368	8,223	9,998	10,769	11,700	11,554	10,627
Sawnwood	Bil. cu. ft	12	13	14	14	16	16	16	15	(NA)
Woodpulp	Mil. sh. ton	65	87	115	114	93	97	103	141	(NA)
Newsprint	Mil. sh. ton	15	19	24	23	25	27	28	27	27
Cement	Mil. sh. ton	349	477	626	766	860	912	888	838	809
Pig iron and ferroalloys	Mil. sh. ton	286	369	484	538	544	574	610	596	585
Crude steel	Mil. sh. ton	382	506	655	709	733	776	817	826	832
Magnesium	1,000 sh. ton	100	173	250	291	279	337	(NA)	(NA)	(NA)
Tin [2]	1,000 sh. ton	163	166	202	193	198	212	237	238	231
Merchant vessels, launched [2]	Mil. gr. ton	8.4	12.2	21.7	35.9	27.5	18.2	11.5	13.9	17.1
Motor vehicles	Millions	16.5	24.3	29.3	33.0	40.8	43.6	41.6	38.5	37.1
External trade:										
Imports, c.i.f	Bil. U.S. dol	135	197	329	902	1,162	1,347	1,683	2,054	2,028
Exports, f.o.b	Bil. U.S. dol	128	187	314	874	1,125	1,301	1,642	1,990	1,959
Transport:										
Railway freight	Bil. sh. ton-mi	2,286	2,873	3,438	4,104	4,386	4,484	4,544	4,544	4,678
Merchant shipping, freight [3]	Mil. sh. ton	1,224	1,849	2,833	3,500	3,830	3,992	4,221	4,114	(NA)
Civil aviation, miles flown [4]	Millions	1,926	2,548	4,353	4,670	5,024	5,279	5,662	5,862	(NA)

NA Not available. [1] Source: U.S. Energy Information Administration, *International Energy Annual*, Sept. 1982 and *Monthly Energy Review*, July 1983. [2] Excludes People's Republic of China. Tin, tin concentrate, and merchant vessels exclude Soviet Union. For other exclusions, see source.
[3] Freight loaded. [4] Scheduled services of members of International Civil Aviation Organization.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook* and *Monthly Bulletin of Statistics*. (Copyright.)

No. 1499. World Population, 1970 to 1983, and Area, 1983, by Size of Country

[Covers only countries listed in table 1503. See headnote, table 1503]

POPULATION CLASS	POPULATION				1983					
	1970		1980		Countries		Population		Area	
	Total (mil.)	Percent of total	Total (mil.)	Percent of total	Total number	Percent of total	Total (mil.)	Percent of total	Total (1,000 sq. mi.)	Percent of total
Total	**3,721**	**100.0**	**4,477**	**100.0**	**172**	**100.0**	**4,721**	**100.0**	**51,446**	**100.0**
Under 1 million	14	.4	17	.4	42	24.4	14	.3	492	1.0
1-5 million	135	3.6	100	2.2	40	23.3	112	2.4	4,547	8.8
5-10 million	190	5.1	239	5.3	32	18.6	234	5.0	4,278	8.3
10-25 million	388	10.4	424	9.5	28	16.3	469	9.9	12,985	25.2
25-50 million	368	9.9	512	11.4	12	7.0	441	9.4	5,297	10.3
Over 50 million	2,626	70.6	3,184	71.1	18	10.5	3,450	73.1	23,847	46.4

Source: Compiled from data in U.S. Bureau of the Census, *World Population 1983*, forthcoming and unpublished data.

No. 1500. World Population and Growth, by Continent and Region: 1960 to 1983

[For explanation of "more developed" and "less developed" categories, see text, p. 853]

Continent and region	Midyear population (millions)							Annual rate of growth [1] (percent)				
	1960	1965	1970	1975	1980	1982	1983	1960–1965	1965–1970	1970–1975	1975–1980	1980–1983
World total	**3,063**	**3,357**	**3,722**	**4,107**	**4,478**	**4,640**	**4,722**	**1.8**	**2.1**	**2.0**	**1.7**	**1.8**
More developed regions	945	1,002	1,049	1,095	1,136	1,151	1,158	1.2	.9	.9	.7	.6
Less developed regions	2,118	2,354	2,673	3,011	3,343	3,489	3,564	2.1	2.5	2.4	2.1	2.1
Percent of world	69	70	72	73	75	75	75	(x)	(x)	(x)	(x)	(x)
Africa [2]	278	315	359	410	472	501	516	2.5	2.6	2.7	2.8	3.0
Asia	1,713	1,885	2,129	*2,384*	*2,618*	*2,720*	*2,771*	1.9	2.4	2.3	1.9	1.9
More developed regions	94	99	104	112	117	118	119	1.0	1.1	1.3	.9	.7
Less developed regions	1,619	1,786	2,025	2,273	2,501	2,601	2,652	*2.0*	*2.5*	*2.3*	*1.9*	2.0
East Asia [3]	823	887	1,010	1,129	1,213	1,249	1,266	1.5	2.6	2.2	1.4	1.4
South Asia [3]	890	998	1,119	1,255	1,405	1,471	1,506	2.3	2.3	2.3	2.3	2.3
Latin America [2]	218	251	286	324	365	381	390	2.8	2.7	2.5	2.3	2.3
Middle America [2 3]	51	60	70	81	93	97	100	3.1	3.1	3.0	2.7	2.5
Caribbean [2 3]	20	23	25	27	29	30	31	2.2	1.9	1.8	1.4	1.4
South America [2 3]	147	168	192	216	242	254	260	2.7	2.6	2.4	2.3	2.3
Northern America [3 4]	199	*214*	*226*	239	252	257	259	1.5	1.1	1.1	1.1	1.0
Europe [4]	425	444	460	474	484	487	489	.9	.7	.6	.4	.3
Soviet Union [4]	214	231	243	254	266	270	272	1.5	1.0	.9	.9	.8
Oceania	16	17	19	21	23	23	24	2.1	2.1	1.9	1.3	1.6
Australia and New Zealand [4]	13	14	15	17	18	18	18	2.0	1.9	1.7	1.0	1.3
Less developed regions	3	3	4	4	5	5	5	2.7	2.8	2.5	2.4	2.5

X Not applicable. [1] Computed by the exponential method. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Less developed region. [3] For component countries, see table 1504. [4] More developed region.

Source: U.S. Bureau of the Census, *World Population 1983,* forthcoming; and unpublished data.

No. 1501. World Population Characteristics, 1975 to 1983, and Projections to 2000

[See headnote, table 1502. For explanation of "more developed" and "less developed" categories, see text, p. 853]

Item	Unit	1975	1980	1983	1985	1990	1995	2000
World total	**Millions**	**4,107**	**4,478**	**4,722**	**4,889**	**5,326**	**5,786**	**6,246**
Population per sq. mi.	Number	78	85	90	93	102	110	119
Males	Millions	2,059	2,247	2,370	2,455	2,677	2,910	3,142
Females	Millions	2,048	2,231	2,352	2,434	2,648	2,876	3,104
Under 5 years old	Percent	13.3	12.3	12.1	12.0	11.7	11.2	10.8
5 to 14 years old	Percent	23.3	22.8	22.1	21.7	20.7	20.4	19.9
15 to 64 years old	Percent	57.7	59.1	60.0	60.5	61.6	62.1	62.7
65 years old and over	Percent	5.7	5.8	5.8	5.8	6.0	6.3	6.6
Median age	Years	21.9	22.6	23.1	23.5	24.3	25.2	26.1
More developed regions	Millions	1,095	1,136	1,158	1,172	1,204	1,232	1,255
Less developed regions	Millions	3,011	3,343	3,564	3,717	4,122	4,554	4,991

Source: U.S. Bureau of the Census, *World Population 1983,* forthcoming; and unpublished data.

No. 1502. World Vital Statistics and Life Expectancy: 1970 to 2010

[Source of data presents 3 variants or series of projections: Medium, high, and low. Figures shown here are for the *medium variant.* Data shown are annual averages]

Item	Unit	1970–1975	1975–1980	1980–1985	1985–1990	1990–1995	1995–2000	2000–2005	2005–2010
World growth rate	Percent	1.9	1.7	1.7	1.7	1.6	1.5	1.4	1.3
Crude birth rate [1]	Per 1,000 population	31.5	28.5	27.5	26.5	25.2	23.9	22.5	21.1
Crude death rate [1]	Per 1,000 population	12.5	11.4	10.6	10.1	9.5	9.0	8.6	8.4
Total fertility rate [2]	Number	4.4	3.9	3.6	3.4	3.2	3.0	2.8	(NA)
Life expectancy at birth, both sexes	Years	55.8	57.5	59.2	60.8	62.3	63.9	65.5	66.8
Male	Years	54.6	56.3	57.9	59.4	60.8	62.4	63.8	65.0
Female	Years	57.1	58.8	60.5	62.3	63.9	65.5	67.2	68.7

NA Not available. [1] See headnote, table 1505. [2] Total fertility rate: Average number of children that would be born per woman if all women lived to the end of their childbearing years and, at each year of age, they experienced the birth rates occurring in the specified year.

Source: Population Division of the United Nations, New York, N.Y., *World Population Prospects as Assessed in 1980,* 1981, and *Demographic Indicators of Countries: Estimates and Projections as Assessed in 1980,* 1982.

NO. 1503. POPULATION AND AREA, BY REGION AND COUNTRY

[Population data generally are de facto figures for the present territory. Population estimates were derived from information available as of mid-1983. See table 1504 for country components of regions. See text, p. 854, for general comments concerning the data. For details of methodology, coverage, and reliability, see sources. Minus sign (−) indicates decrease]

COUNTRY AND STATUS OF DEVELOPMENT ● = More developed ★ = Less developed	LATEST POPULATION CENSUS [1]		MIDYEAR POPULATION ESTIMATES					Population per sq. mile, 1983	Area [3] (sq. mile)
			Number (1,000)			Avg. annual percent change [2]			
	Year	Number (1,000)	1970	1980	1983	1970-1980	1980-1983		
World total	(x)	(x)	**3,722,325**	**4,476,380**	**4,721,887**	**1.8**	**1.8**	**90**	**52,426,568**
Africa	(x)	(x)	358,524	472,223	516,037	2.8	3.0	44	11,710,634
Northern America [4]	(x)	(x)	226,477	251,903	259,192	1.1	1.0	31	8,306,776
Latin America	(x)	(x)	286,128	364,643	390,368	2.4	2.3	49	7,929,889
Middle America	(x)	(x)	69,565	92,729	100,025	2.9	2.5	104	963,022
Caribbean	(x)	(x)	25,034	29,455	30,699	1.6	1.4	334	91,840
South America	(x)	(x)	191,528	242,458	259,644	2.4	2.3	38	6,875,027
East Asia	(x)	(x)	1,010,329	1,212,619	1,265,794	1.8	1.4	278	4,550,414
South Asia	(x)	(x)	1,118,944	1,404,988	1,505,625	2.3	2.3	247	6,101,493
Europe	(x)	(x)	459,867	483,861	488,886	.5	.3	260	1,881,935
Soviet Union	(x)	(x)	242,766	265,542	272,308	.9	.8	31	8,649,496
Oceania	(x)	(x)	19,290	22,600	23,677	1.6	1.6	7	3,295,931
COUNTRIES									
●United States	1980	227,020	205,052	227,704	234,193	1.0	.9	65	3,615,105
★Afghanistan	A 1979	15,551	12,422	15,245	14,177	2.0	−2.4	57	249,999
●Albania	1979	2,595	2,136	2,671	2,846	2.2	2.1	256	11,100
★Algeria	1977	16,260	13,932	18,828	20,695	3.0	3.2	23	919,591
★Angola	1970	5,646	5,573	6,979	7,567	2.3	2.7	16	481,351
★Argentina	1980	27,947	23,962	28,237	29,627	1.6	1.6	28	1,068,297
●Australia	1981	14,576	12,660	14,616	15,265	1.4	1.4	5	2,967,894
●Austria	1981	7,555	7,426	7,553	7,574	.2	.1	234	32,374
★Bahamas, The	1980	210	171	210	223	2.1	2.0	41	5,380
★Bahrain	1981	351	220	346	393	4.6	4.2	1,637	240
★Bangladesh	1981	87,052	67,403	88,052	96,539	2.7	3.1	1,736	55,598
★Barbados	1980	249	239	249	251	.4	.3	1,513	166
●Belgium	1981	9,849	9,638	9,848	9,865	.2	.1	837	11,781
★Belize	1980	145	122	147	154	1.9	1.6	17	8,866
★Benin	1979	3,338	2,623	3,465	3,792	2.8	3.0	87	43,483
★Bhutan	1969	1,035	1,045	1,296	1,386	2.2	2.2	76	18,147
★Bolivia	1976	4,613	4,265	5,450	5,883	2.5	2.6	14	424,162
★Botswana	1981	937	650	899	1,001	3.2	3.6	4	231,804
★Brazil	1980	119,071	95,684	122,407	131,305	2.5	2.3	40	3,286,472
●Bulgaria	1975	8,728	8,490	8,862	8,944	.4	.3	209	42,823
★Burma	1973	28,886	27,078	34,433	37,061	2.4	2.5	142	261,789
★Burundi	1979	4,110	3,589	4,204	4,561	1.6	2.7	424	10,747
★Cameroon	1976	7,132	6,727	8,582	9,251	2.4	2.5	50	183,568
●Canada	1981	24,343	21,324	24,086	24,882	1.2	1.1	6	3,851,790
★Cape Verde	1980	289	269	289	297	.7	.9	191	1,557
★Central African Republic	1975	2,055	1,827	2,315	2,512	2.4	2.7	10	240,534
★Chad	1964	3,254	3,707	4,416	4,990	1.7	4.1	10	495,753
★Chile	1982	11,275	9,369	10,991	11,486	1.6	1.5	39	292,257
China:									
★Mainland	1982	1,008,175	839,066	1,013,592	1,059,802	1.9	1.5	286	3,705,390
★Taiwan	1980	17,969	14,598	17,800	18,810	2.0	1.8	1,510	12,456
★Colombia	1973	21,056	21,430	26,056	27,663	2.0	2.0	63	439,735
★Comoros	1980	408	278	406	442	3.8	2.8	528	838
★Congo	1974	1,300	1,183	1,552	1,694	2.7	2.9	13	132,046
★Costa Rica	1973	1,872	1,736	2,404	2,624	3.3	2.9	134	19,575
★Cuba	1981	9,706	8,551	9,658	9,858	1.2	.7	223	44,218
★Cyprus	1976	613	615	629	653	.2	1.3	183	3,572
●Czechoslovakia	1980	15,283	14,319	15,255	15,420	.6	.4	312	49,370
●Denmark	1976	5,073	4,929	5,123	5,115	.4	−.1	308	16,629
★Djibouti	1979	260	158	279	276	5.7	−.4	33	8,494
★Dominican Republic	1970	4,009	4,343	5,774	6,248	2.8	2.6	332	18,816
★Ecuador	1982	8,025	5,958	8,021	8,811	3.0	3.1	80	109,483
★Egypt	1976	36,626	33,197	42,135	45,851	2.4	2.8	119	386,660
★El Salvador	1971	3,555	3,582	4,718	4,685	2.8	−.2	567	8,260
★Equatorial Guinea	1960	246	291	250	268	−1.5	2.4	25	10,830
★Ethiopia	(x)	(NA)	25,299	29,790	31,305	1.6	1.7	66	471,776
★Fiji	1976	588	521	634	672	2.0	1.9	95	7,055
●Finland	1980	4,788	4,606	4,780	4,850	.4	.5	37	130,119
●France	1982	54,257	50,787	53,811	54,604	.6	.5	259	211,207
★Gabon	1980	800	515	792	921	4.3	5.0	9	103,346

See footnotes at end of table.

No. 1503. Population and Area, by Region and Country—Continued

[See headnote, p. 857]

Country and status of development ● = More developed ★ = Less developed	Latest population census [1] Year	Latest population census [1] Number (1,000)	Midyear population estimates Number (1,000) 1970	1980	1983	Avg. annual percent change [2] 1970–1980	1980–1983	Population per sq. mile, 1983	Area [3] (sq. mile)
★Gambia, The	1973	493	458	591	638	2.5	2.6	146	4,361
●German Dem. Rep	1981	16,732	17,070	16,737	16,724	–.2	(–z)	400	41,768
●Germany, Fed. Rep. of	1970	60,651	60,714	61,561	61,543	.1	(–z)	641	95,976
★Ghana	1970	8,559	8,789	12,130	13,367	3.2	3.2	145	92,099
●Greece	1981	9,707	8,793	9,643	9,898	.9	.9	194	50,944
★Grenada	1970	94	95	107	111	1.2	1.3	838	133
★Guatemala	1981	6,044	5,262	7,120	7,714	3.0	2.7	183	42,042
★Guinea	(X)	(NA)	3,921	5,014	5,430	2.5	2.7	57	94,964
★Guinea-Bissau	1979	768	620	784	827	2.3	1.8	59	13,948
★Guyana	1970	702	715	817	833	1.3	.6	10	83,000
★Haiti	1971	4,330	4,605	5,395	5,690	1.6	1.8	531	10,714
★Honduras	1974	2,657	2,683	3,816	4,276	3.5	3.8	99	43,277
●Hungary	1980	10,709	10,337	10,711	10,691	.4	–.1	298	35,919
●Iceland	R 1981	232	204	228	236	1.1	1.1	6	39,768
★India [5]	1981	685,185	553,619	685,119	730,572	2.1	2.1	577	1,266,595
★Indonesia	1980	147,490	122,671	151,168	160,932	2.1	2.1	219	735,268
★Iran	1976	33,709	28,933	38,752	42,490	2.9	3.1	67	636,293
★Iraq	1977	12,000	9,414	13,130	14,509	3.3	3.3	86	167,924
●Ireland	1981	3,443	2,956	3,414	3,534	1.4	1.2	130	27,136
★Israel	1972	3,148	2,902	3,769	3,960	2.6	1.6	494	8,019
●Italy	1981	56,244	53,661	56,176	56,345	.5	.1	484	116,303
★Ivory Coast	1975	6,714	5,427	8,054	8,890	3.9	3.3	71	124,503
★Jamaica	1970	1,849	1,944	2,243	2,335	1.4	1.4	552	4,232
●Japan	1980	117,060	104,345	116,782	119,205	1.1	.7	829	143,750
★Jordan	A 1961	1,711	2,233	3,115	3,420	3.3	3.1	91	37,737
★Kampuchea	1962	5,729	7,060	5,692	5,996	–2.2	1.7	86	69,898
★Kenya	1979	15,327	11,256	16,431	18,580	3.8	4.1	83	224,960
★Korea, Dem. Peo. Rep. of	(X)	(NA)	13,892	17,892	19,185	2.5	2.3	412	46,540
★Korea, Republic of	1980	37,436	32,976	39,565	41,366	1.8	1.5	1,068	38,025
★Kuwait	1980	1,356	748	1,372	1,652	6.1	6.2	240	6,880
★Laos	(X)	(NA)	2,962	3,458	3,647	1.5	1.8	40	91,429
★Lebanon	S 1970	2,126	2,383	2,649	2,598	1.1	–.7	647	4,015
★Lesotho	1976	1,217	1,067	1,339	1,438	2.3	2.4	123	11,720
★Liberia	A 1974	1,503	1,397	1,898	2,091	3.1	3.2	49	43,000
★Libya	1973	2,249	1,956	3,019	3,498	4.3	4.9	5	679,359
●Luxembourg	1981	365	339	364	366	.7	.1	366	998
★Madagascar	1975	7,604	6,766	8,665	9,389	2.5	2.7	41	226,657
★Malawi	1977	5,547	4,449	6,021	6,612	3.0	3.1	145	45,747
★Malaysia	1980	13,436	10,910	14,001	14,995	2.5	2.3	118	127,316
★Maldives	1977	143	115	154	168	2.9	3.0	1,462	115
★Mali	1976	6,395	5,578	6,914	7,393	2.1	2.2	15	478,764
●Malta	1967	316	326	364	363	1.1	–.1	2,975	122
★Mauritania	1977	1,407	1,254	1,502	1,591	1.8	1.9	4	397,954
★Mauritius	1972	851	830	957	1,002	1.4	1.5	1,269	790
★Mexico	1980	67,383	52,775	70,111	75,702	2.8	2.6	99	761,601
★Mongolia	1979	1,595	1,248	1,662	1,809	2.9	2.8	3	604,247
★Morocco	1971	15,379	15,909	20,969	22,889	2.8	2.9	133	172,413
★Mozambique	(X)	(NA)	9,442	12,103	13,047	2.5	2.5	42	309,494
★Nepal	1981	15,020	11,919	14,992	16,169	2.3	2.5	297	54,362
●Netherlands	1971	13,060	13,032	14,144	14,374	.8	.5	911	15,770
●New Zealand	1981	3,176	2,811	3,100	3,142	1.0	.4	30	103,736
★Nicaragua	1971	1,878	1,908	2,497	2,812	2.7	4.0	56	50,193
★Niger	1977	5,098	4,100	5,526	6,083	3.0	3.2	12	489,189
★Nigeria	(X)	(NA)	56,346	77,082	85,219	3.1	3.3	239	356,667
●Norway	1980	4,091	3,877	4,086	4,131	.5	.4	33	125,181
★Oman	(X)	(NA)	554	891	976	3.1	3.1	12	82,030
★Pakistan [6]	1981	83,782	65,706	85,743	94,780	2.7	3.3	305	310,403
★Panama	1980	1,830	1,497	1,916	2,058	2.5	2.4	70	29,208
★Papua New Guinea	1980	3,011	2,288	2,991	3,259	2.7	2.9	18	178,259
★Paraguay	1972	2,358	2,477	3,244	3,526	2.7	2.8	22	157,047
★Peru	1981	17,031	13,461	17,625	19,161	2.7	2.8	39	496,222
★Philippines	1980	48,098	37,542	49,253	53,162	2.7	2.5	459	115,830
●Poland	1978	35,061	32,526	35,578	36,556	.9	.9	303	120,725
●Portugal	1981	9,803	9,044	9,884	10,008	.9	.4	281	35,553
★Qatar	1970	111	113	237	267	7.4	4.0	63	4,247
●Romania	1977	21,560	20,253	22,201	22,649	.9	.7	247	91,699
★Rwanda	1978	4,819	3,785	5,114	5,644	3.0	3.3	555	10,169

See footnotes at end of table.

No. 1503. Population and Area, by Region and Country—Continued

[See headnote, p. 857]

Country and status of development ● = More developed ★ = Less developed	Latest population census [1]		Midyear population estimates					Population per sq. mile, 1983	Area [3] (sq. mile)
			Number (1,000)			Avg. annual percent change [2]			
	Year	Number (1,000)	1970	1980	1983	1970–1980	1980–1983		
★Saint Lucia	1980	113	103	115	119	1.1	1.1	500	236
★Saint Vincent and the Grenadines	1970	87	88	122	134	3.3	3.2	893	150
★Saudi Arabia	1974	7,013	6,286	9,420	10,443	4.0	3.4	13	829,996
★Senegal	1976	5,069	4,318	5,765	6,335	2.9	3.1	84	75,750
★Sierra Leone	1974	2,735	2,727	3,429	3,705	2.3	2.6	134	27,699
★Singapore	1980	2,414	2,075	2,414	2,501	1.5	1.2	11,167	224
★Solomon Islands	1976	197	163	228	254	3.4	3.5	22	11,500
★Somalia	1975	3,494	3,231	5,373	6,248	5.1	5.0	25	246,200
★South Africa	1980	27,942	22,543	28,723	30,938	2.4	2.5	66	471,443
●Soviet Union	1979	262,436	242,766	265,542	272,308	.9	.8	31	8,649,496
●Spain	1981	37,682	33,876	37,488	38,234	1.0	.7	196	194,896
★Sri Lanka	1981	14,850	12,532	14,842	15,647	1.7	1.8	618	25,332
★Sudan	1973	14,114	13,788	18,745	20,539	3.1	3.0	21	967,495
★Suriname	1980	352	373	352	363	−.6	1.0	6	63,037
★Swaziland	1976	520	440	579	632	2.7	2.9	94	6,704
●Sweden	1975	8,209	8,043	8,310	8,331	.3	.1	48	173,731
●Switzerland	1980	6,366	6,267	6,385	6,463	.2	.4	405	15,941
★Syria	1981	9,156	6,258	8,795	9,739	3.4	3.4	136	71,498
★Tanzania	1978	17,528	13,446	18,618	20,524	3.3	3.2	56	364,898
★Thailand	1980	44,278	37,091	47,669	50,731	2.5	2.1	256	198,456
★Togo	1970	1,951	1,964	2,580	2,823	2.7	3.0	131	21,622
★Tonga	1976	90	86	97	104	1.2	2.0	384	270
★Trinidad and Tobago	1980	1,060	1,027	1,159	1,211	1.2	1.5	612	1,980
★Tunisia	1975	5,572	5,085	6,489	7,020	2.4	2.6	111	63,170
★Turkey	1980	44,737	35,758	46,025	49,155	2.5	2.2	163	301,381
★Uganda	1980	12,630	9,806	12,806	13,819	2.7	2.5	152	91,134
★United Arab Emirates	1980	1,040	244	985	1,374	14.0	11.1	43	32,278
●United Kingdom	1981	55,676	55,522	56,010	56,006	.1	(−z)	594	94,226
★Upper Volta	1975	5,638	5,163	6,138	6,569	1.7	2.3	62	105,869
★Uruguay	1975	2,788	2,824	2,887	2,916	.2	.3	43	68,037
★Vanuatu [7]	1979	112	84	117	127	3.2	2.7	22	5,700
★Venezuela	1981	14,602	10,962	16,302	17,993	4.0	3.3	51	352,143
★Vietnam	1979	52,742	43,729	53,511	57,036	2.0	2.1	444	128,401
★Western Samoa	1981	158	142	156	160	.9	.8	146	1,097
★Yemen, Peo. Dem. Rep. of	1973	1,590	1,497	1,916	2,086	2.5	2.8	16	128,559
★Yemen Arab Republic	1975	4,520	4,354	5,304	5,744	2.0	2.7	76	75,290
●Yugoslavia	1981	22,428	20,371	22,304	22,826	.9	.8	231	98,766
★Zaire	1974	24,327	21,638	28,624	31,250	2.8	2.9	35	905,563
★Zambia	1980	5,680	4,247	5,771	6,346	3.1	3.2	22	290,584
★Zimbabwe	1969	5,099	5,546	7,556	8,376	3.1	3.4	56	150,803
AREAS OF SPECIAL SOVEREIGNTY AND DEPENDENCIES									
★Brunei	1981	193	128	185	209	3.7	4.1	94	2,226
●Channel Islands	1981	133	122	132	135	.8	.8	1,803	75
★French Polynesia	1977	137	116	147	156	2.3	2.0	15	10,210
★Gaza Strip	1967	356	329	424	455	2.5	2.3	3,116	146
★Guadeloupe	1974	324	320	318	312	−.1	−.6	454	687
★Guam	1980	106	86	107	113	2.1	1.8	541	209
★Hong Kong	1981	5,021	3,959	5,038	5,313	2.4	1.8	13,183	403
★Macau	1970	249	245	287	304	1.6	1.9	50,667	6
★Martinique	1974	324	325	312	303	−.4	−1.0	712	425
★Namibia	1981	1,010	766	984	1,078	2.5	3.0	3	318,259
★Netherlands Antilles	1971	218	218	241	247	1.0	.8	779	317
★New Caledonia	1976	133	112	139	146	2.2	1.6	17	8,548
★Pacific Is., Trust Terr. of	1980	116	89	116	123	2.6	2.1	179	687
★Puerto Rico	1980	3,197	2,716	3,204	3,295	1.7	.9	959	3,435
★Reunion	1974	477	445	510	535	1.4	1.6	552	969
★Virgin Islands	1980	97	63	98	103	4.3	1.7	773	133

NA Not available. X Not applicable. Z Less than .05 percent. [1] For countries in which no recent census has been taken, survey or national registry data (identified respectively as "S" and "R") are shown. For countries in which the unadjusted census returns are not reported, adjusted census returns (identified as "A") are shown. [2] Computed by the exponential method. For explanation of average annual percent change, see Guide to Tabular Presentation. [3] Includes inland waters. Data from U.S. Department of State, *Status of the World's Nations*, biennial, and Statistical Office of the United Nations, New York, N.Y., *Demographic Yearbook*. [4] Includes Bermuda, Canada, Greenland, St. Pierre and Miquelon, and United States. [5] Includes the Indian-held part of Jammu and Kashmir. [6] Excludes the Pakistani-held part of Jammu and Kashmir. [7] Formerly New Hebrides.

Source: U.S. Bureau of the Census, *World Population 1983*, forthcoming; and unpublished data.

No. 1504. Population Projections, by Region and for Selected Countries: 1990 to 2025

[In millions. Source of data presents 3 series of projections. Figures shown here are for *medium series*]

Region and country	1990	1995	2000	2025
World, total	**5,241.9**	**5,677.2**	**6,116.9**	**8,195.1**
More developed [1]	1,206.2	1,241.9	1,272.2	1,376.8
Less developed [1]	4,035.7	4,435.3	4,846.7	6,818.3
Africa	635.4	737.7	852.9	1,541.7
Eastern Africa [2]	182.6	213.9	250.0	477.9
Burundi	5.5	6.3	7.2	13.3
Ethiopia	41.3	47.8	54.7	93.6
Kenya	24.8	30.4	37.1	82.3
Madagascar	11.5	13.3	15.2	26.4
Malawi	8.6	10.2	12.0	23.0
Mozambique	13.9	16.1	18.7	36.3
Rwanda	6.7	7.9	9.3	19.6
Somalia	5.9	6.3	7.2	13.4
Uganda	18.3	21.6	25.4	51.9
Tanzania	24.8	29.1	34.0	63.6
Zambia	8.1	9.6	11.3	21.8
Zimbabwe	10.5	12.5	14.7	28.4
Middle Africa [2]	69.6	79.8	91.4	162.2
Angola	9.3	10.7	12.4	23.6
Cameroon	10.8	12.3	13.9	23.4
Cen. African Rep	3.0	3.4	3.9	7.4
Chad	5.6	6.3	7.1	12.2
Zaire	37.7	43.5	50.0	87.9
Northern Africa [2]	144.5	164.7	186.2	295.9
Algeria	26.9	31.9	37.0	62.9
Egypt	52.7	58.4	64.4	94.9
Libya	4.3	5.2	6.1	10.9
Morocco	27.8	32.1	36.5	59.3
Sudan	24.5	28.2	32.3	54.4
Tunisia	8.0	8.8	9.6	13.1
Southern Africa [2]	44.0	50.6	58.0	100.6
South Africa	39.0	44.9	51.3	88.3
Western Africa [2]	194.7	228.6	267.3	505.1
Benin	4.9	5.7	6.8	13.9
Ghana	16.2	19.1	22.3	42.0
Guinea	6.6	7.6	8.6	16.6
Ivory Coast	11.0	12.7	14.8	26.7
Mali	9.3	10.8	12.6	25.0
Niger	7.3	8.6	10.0	20.5
Nigeria	108.0	127.5	150.0	285.5
Senegal	7.4	8.5	9.7	16.8
Togo	3.6	4.2	4.8	8.9
Upper Volta	9.1	10.4	11.9	20.5
Latin America	459.3	511.4	565.7	865.2
Caribbean [2]	36.6	39.9	43.3	61.9
Cuba	10.5	11.2	11.7	13.6
Dominican Rep	7.5	8.4	9.3	14.5
Haiti	7.5	8.6	9.9	18.3
Middle America [2]	122.4	138.7	155.7	242.9
El Salvador	6.5	7.5	8.7	15.0
Guatemala	9.7	11.1	12.7	21.7
Honduras	5.1	6.0	7.0	13.3
Mexico	92.0	103.8	115.7	174.0
Nicaragua	3.8	4.4	5.2	9.8
Temperate South America [2]	46.5	49.1	51.6	61.9
Argentina	30.3	31.8	33.2	39.1
Chile	13.1	14.0	14.9	18.8
Uruguay	3.2	3.3	3.4	4.1
Tropical South America [2]	253.8	283.7	315.1	498.5
Bolivia	7.3	8.4	9.7	19.5
Brazil	153.2	169.9	187.5	291.3
Colombia	31.8	34.9	38.0	51.7
Ecuador	10.9	12.7	14.6	25.7
Paraguay	4.2	4.8	5.4	8.6
Peru	23.4	26.8	30.7	56.0
Venezuela	21.3	24.2	27.2	42.8
Northern America [2]	273.8	288.5	296.8	343.5
Canada	28.2	33.3	34.8	37.5
United States	**245.5**	**255.1**	**263.8**	**305.8**
East Asia [2]	1,327.0	1,401.6	1,474.7	1,712.1
China: Mainland	1,127.6	1,193.0	1,257.3	1,469.3
Hong Kong	6.3	6.7	7.0	7.9
Japan	123.2	126.2	129.3	131.5
Korea, Dem. People's Rep. of	22.4	24.9	27.3	37.6
Korea, Rep. of	45.0	48.0	50.8	61.5
South Asia	1,730.8	1,903.6	2,074.8	2,819.3
Eastern So. Asia [2]	440.3	481.1	520.4	688.5
Burma	44.7	49.9	55.1	81.6
Indonesia	179.5	186.7	198.7	246.9
Kampuchea	8.7	9.7	10.6	14.1
Laos	4.7	5.2	5.7	8.2
Malaysia	17.7	19.5	21.3	28.8
Philippines	62.8	70.0	77.0	107.7
Singapore	2.7	2.9	3.0	3.3
Thailand	57.9	63.4	68.6	90.1
Vietnam	66.2	72.5	78.9	105.7
Middle So. Asia [2]	1,159.9	1,273.6	1,386.3	1,867.0
Afghanistan	20.6	23.5	26.5	42.1
Bangladesh	116.2	132.0	148.4	221.8
India	820.9	891.7	960.6	*1,233.8*
Iran	51.0	58.0	64.9	99.4
Nepal	18.0	20.2	22.5	33.6
Pakistan	113.4	126.6	140.0	206.0
Sri Lanka	18.1	19.7	21.1	26.8
Western So. Asia [2]	130.6	149.0	168.1	263.8
Iraq	18.1	21.1	24.2	40.4
Israel	4.8	5.2	5.6	7.5
Jordan	4.7	5.5	6.5	11.2
Lebanon	3.3	3.7	4.0	5.6
Saudi Arabia	12.9	15.2	17.8	31.0
Syria	13.2	15.9	18.7	32.7
Turkey	57.3	63.7	70.0	100.4
Yemen Arab Rep	7.4	8.6	9.8	16.3
Europe (excl. Soviet Union)	499.3	506.0	512.0	522.2
Eastern Europe	116.3	118.8	121.4	130.7
Bulgaria	9.4	9.6	9.7	10.1
Czechoslovakia	16.1	16.4	16.8	18.5
German Dem. Rep	16.9	16.9	16.9	16.4
Hungary	10.9	10.9	11.0	10.9
Poland	39.0	40.1	41.2	45.7
Romania	24.0	24.9	25.7	29.0
Northern Europe [2]	82.3	82.5	82.6	81.3
Denmark	5.2	5.2	5.2	5.1
Finland	5.0	5.0	5.1	4.8
Ireland	3.7	3.9	4.1	5.0
Norway	4.2	4.3	4.3	4.4
Sweden	8.2	8.1	8.1	7.6
United Kingdom	55.5	55.4	55.2	53.7
Southern Europe [2]	147.1	150.6	153.6	160.6
Albania	3.4	3.6	3.9	5.0
Greece	9.9	10.1	10.4	11.2
Italy	58.4	58.9	59.1	57.0
Portugal	10.5	10.9	11.2	12.3
Spain	40.5	42.0	43.4	46.3
Yugoslavia	23.9	24.6	25.2	26.3
Western Europe [2]	153.5	154.2	154.5	149.6
Austria	7.4	7.4	7.4	7.1
Belgium	9.9	9.9	10.0	9.7
France	55.0	55.6	56.3	57.1
Germany, Fed. Rep. of	59.6	59.3	58.8	54.0
Netherlands	14.7	15.0	15.2	15.2
Switzerland	6.5	6.5	6.5	6.0
Soviet Union	290.2	300.4	310.2	355.0
Oceania [3]	26.2	28.0	29.7	35.1
Australia	16.2	17.0	17.8	19.9
New Zealand	3.7	3.8	4.0	4.7
Papua New Guinea	4.1	4.6	5.2	6.0

[1] Regions. [2] Includes countries not shown separately.

Source: Population Division of the United Nations, New York, N.Y., *World Population Prospects as Assessed in 1980*, 1981.

NO. 1505. URBAN POPULATION, GROWTH, BIRTH, AND DEATH RATES AND LIFE EXPECTANCY—SELECTED COUNTRIES

[Covers countries with 10 million or more population in 1983. **Growth rate:** Annual increase (or decrease) to the population resulting from a surplus or deficit of births over deaths and a surplus or deficit of migrants into or out of the country, expressed as a percentage of the base population. **Crude birth rate:** Number of births during 1 year per 1,000 persons (based on midyear population). **Crude death rate:** Number of deaths during 1 year per 1,000 persons (based on midyear population). Minus sign (—) indicates decrease]

COUNTRY	URBAN POPULATION		Growth rate of population, 1983 (percent)	Crude birth rate, 1983	Crude death rate, 1983	EXPECTATION OF LIFE AT BIRTH			
	Year or period	Percent of total population				Year or period	Both sexes (yr.)	Male (yr.)	Female (yr.)
United States	1980	74	.9	16	8	1979	74	70	78
Afghanistan	1979	15	1.5–1.8	48	23	1978–79	41	41	40
Algeria	1977	41	3.0–3.3	41–44	11	1977	55	54	56
Argentina	1970	79	1.5–1.6	24–25	9	1975–80	69	65	72
Australia	1981	86	1.3	15	7	1981	75	71	78
Bangladesh	1974	9	3.1	49	18	1964–65	48	50	47
Brazil	1980	68	2.3	31	7	1974–75	60	58	63
Burma	1973	24	2.2–2.6	35–38	12–13	(X)	(NA)	(NA)	(NA)
Canada	1981	76	1.0	15	7	1976	74	70	77
Chile	1982	81	1.5	23	7	1969–70	62	58	65
China:									
Mainland	1982	21	1.3–1.6	20–24	7–9	(X)	(NA)	(NA)	(NA)
Taiwan	1979	66	1.8	23	5	1981	72	70	75
Colombia	1973	64	1.9–2.3	27–30	7	1973	59	57	61
Czechoslovakia	1981	73	.3	15	12	1981	71	67	74
Egypt	1976	44	2.7–2.8	37–39	10	1975	54	53	55
Ethiopia	1977	12	2.0–2.6	42–52	20–26	1964–71	36–44	(NA)	(NA)
France	1975	73	.5	16	10	1978–80	74	70	78
German Dem. Rep.	1981	76	—.3	14	14	1980	72	69	75
Germany, Fed. Rep. of	(X)	(NA)	—.2	10	12	1978–80	73	70	76
Ghana	1970	29	3.2–3.5	44–47	12	1970	49	47	50
Hungary	1982	54	—.1	12	13	1981	70	66	73
India	1981	23	2.1–2.2	34–35	13–14	1976–77	50	51	50
Indonesia	1980	22	2.0–2.2	33–35	13	1975	46	45	48
Iran	1976	47	3.0–3.2	42–45	12	1973–76	58	58	57
Iraq	1977	64	3.3–3.4	46–48	12–14	(X)	(NA)	(NA)	(NA)
Italy	(X)	(NA)	.1	11	10	1974–77	73	70	76
Japan	1975	76	.5–.6	12–13	6	1980–81	76	73	79
Kenya	1979	13	4.0–4.2	52–53	12	1977	53	51	56
Korea, Dem. Peo. Rep. of	(X)	(NA)	2.1–2.6	29–33	7–8	(X)	(NA)	(NA)	(NA)
Korea, Republic of	1980	57	1.4–1.6	22–24	7	1978–79	66	63	69
Malaysia	1970	27	2.1–2.4	28–31	7	1970	60	59	62
Mexico	1970	59	2.5–2.6	32–33	6	1970	61	59	63
Morocco	1971	35	2.8–3.0	40–44	12	1972	51	51	52
Mozambique	1980	15	2.4–3.1	42–48	17–18	(X)	(NA)	(NA)	(NA)
Nepal	1971	4	2.5	43	18	1976–76	44	45	44
Netherlands	1981	52	.4	13	8	1979	76	72	79
Nigeria	1971–73	28	3.0–3.5	48–51	16–18	1970–73	41	40	43
Pakistan	1981	28	2.6–2.8	43–45	15–16	1962–65	48	49	47
Peru	1981	65	2.5–3.0	35–41	10	1970–75	55	53	57
Philippines	1975	32	2.3–2.6	31–34	7	1975	61	59	64
Poland	1982	59	.9	19	9	1980–81	71	67	75
Portugal	1970	26	.4	16	10	1979	71	67	74
Romania	1980	50	.6	16	10	1976–78	70	67	72
Saudi Arabia	(X)	(NA)	3.3–3.4	42–43	12	(X)	(NA)	(NA)	(NA)
South Africa	1980	53	2.3–2.6	32–35	10–11	1969–71	54	51	56
Soviet Union	1982	64	.7–.9	18–20	10	1980	69	(NA)	(NA)
Spain	1970	64	.5	13	7	1975	73	70	76
Sri Lanka	1981	22	1.8	27–28	5–6	1970–72	64	63	66
Sudan	1973	18	2.7–3.3	45–49	17–18	1968–73	45–47	43–46	46–47
Tanzania	1978	13	3.1–3.3	44–48	13–15	1973	45–49	(NA)	(NA)
Thailand	1980	17	1.9–2.1	24–26	6–7	1974–75	61	58	64
Turkey	1980	44	2.1–2.2	30–31	10	1974–75	57	55	58
Uganda	1969	8	3.0–3.5	46–50	15–18	1969	46	46	47
United Kingdom	1971	77	–	13	12	1977–79	73	70	76
Venezuela	1971	73	3.0–3.2	35–37	5	1974–75	67	64	69
Vietnam	1979	19	1.9–2.5	32–36	9–11	(X)	(NA)	(NA)	(NA)
Yugoslavia	1981	47	.7–.8	16–17	9	1979	70	68	73
Zaire	1970	22	2.6–3.1	43–46	15–17	1955–57	37–40	(NA)	(NA)

– Represents or rounds to zero. NA Not available. X Not applicable.

Source: U.S. Bureau of the Census, *World Population 1983,* forthcoming.

NO. 1506. INFANT MORTALITY, HOSPITALS, AND HEALTH PERSONNEL, BY COUNTRY

[*Infant mortality rate:* Number of deaths of children under 1 year of age per 1,000 live births in a calendar year. **Hospitals:** Data refer to hospitals and other medical establishments with beds but exclude old people's homes and establishments for custodial or preventive care only. **Health personnel:** Data refer to persons fully qualified from medical or dental schools and working within the country. See text, p. 854, for general comments concerning the data. For additional qualifications of data for individual countries, see source]

COUNTRY	INFANT MORTALITY		HOSPITALS				HEALTH PERSONNEL			
	Year or period	Rate	Year	Number	Beds (1,000)	Population per bed	Year	Physicians	Population per physician	Dentists, number
United States	1982	11	1980	7,051	1,333.4	171	1980	414,916	549	126,420
Afghanistan	1978-79	182	1981	64	4.3	3,798	1981	[1] 1,215	[1] 13,467	[1 2] 110
Algeria	1977	127	1979	[3] 367	[3] 47.1	[3] 406	1979	6,881	2,780	1,483
Argentina	1979	39	1971	2,864	133.8	176	1975	48,693	580	(NA)
Australia	1981	10	1977	2,369	175.0	80	1980	26,140	659	6,200
Bangladesh	1977-78	148	1981	504	19.7	4,545	1981	10,065	8,908	[1] 248
Brazil	1976	81	1976	5,426	445.8	245	1974	62,743	1,632	(NA)
Burma	(X)	(NA)	1981	[3] 514	[3] 29.5	[3] 1,226	1981	7,321	4,940	410
Canada	1980	10	1978	1,226	182.8	129	1979	43,192	548	10,000
Chile	1980	35	1980	300	38.0	292	1979	[1] 5,671	[1] 1,926	[1] 1,477
China: Mainland	(X)	(NA)	1981	65,911	2,017.1	491	1981	[4] 518,089	1,910	(NA)
Taiwan [5]	1979	24	1981	11,186	44.1	412	1981	[6 7] 13,639	1,330	[7] 2,126
Colombia	1973	77	1980	849	44.5	609	1977	12,720	1,969	4,407
Czechoslovakia	1982	16	1981	[3] 580	[3] 190.7	[3] 80	1981	[7] 43,246	354	[2 7] 7,676
Egypt	1979	77	1981	1,521	86.9	500	1981	[8] 53,342	[8] 815	[8] 7,473
Ethiopia	1964-71	155-200	1980	86	11.1	2,787	1980	428	72,582	16
France	1981	10	1977	3,548	644.1	82	1977	[7] 91,442	580	[7] 27,683
German Dem. Rep.	1981	12	1978	(NA)	177.4	94	1980	33,894	494	9,709
Germany, F.R	1981	12	1980	3,234	707.7	87	1980	139,431	442	33,240
Ghana	1970	115	1979	329	17.0	665	1981	1,665	7,245	95
Hungary	1982	20	1981	(NA)	[3] 98.3	[3] 109	1981	27,431	390	3,383
India	1978	125	1981	8,626	540.8	1,265	1981	[8] 268,712	[8] 2,545	[8] 8,648
Indonesia	1975	114	1979	998	83.1	1,787	1979	12,400	11,740	2,500
Iran	1974-76	112	1981	585	61.4	640	1981	15,182	2,590	2,218
Iraq	(X)	(NA)	1981	205	25.4	532	1981	7,624	1,772	1,387
Italy	1981	14	1979	1,832	554.6	103	1979	[4] 184,555	345	(NA)
Japan	1981	7	1981	9,224	1,362.2	86	1981	154,578	761	52,369
Kenya	1977	83	1978	(NA)	24.7	601	1978	[8] 1,466	[8] 10,136	[8] 230
Korea, Dem. Peo. Rep. of	(X)	(NA)	1979	(NA)	210.0	83	1979	[4] 40,750	429	(NA)
Korea, Rep. of	1978-79	36	1981	(NA)	63.8	607	1981	26,875	1,441	3,947
Malaysia [9]	1978	29	1981	163	32.1	370	1980	3,514	3,267	674
Mexico	1976-77	61	1974	1,575	67.4	863	1974	21,571	2,136	1,879
Morocco	1972	162	1981	[3] 143	[3] 24.3	[3] 848	1981	1,153	17,906	17
Mozambique	1967-68	147-150	1980	321	13.2	794	1980	309	33,883	[1 2] 96
Nepal	1976-78	119	1980	68	2.6	5,271	1980	487	28,767	[1] 17
Netherlands	1981	8	1980	788	177.3	80	1979	25,947	541	(NA)
Nigeria	1965-66	178	1980	[10] 9,270	61.6	1,251	1980	8,037	9,591	285
Pakistan	1971	142	1981	(NA)	48.4	1,746	1981	[8] 26,868	[8] 3,172	[8] 4,999
Peru	1970-75	114	1977	437	29.9	547	1979	11,682	1,480	3,477
Philippines	1976	66	1980	(NA)	93.5	518	1981	[1] 7,378	[1] 6,713	[1] 1,090
Poland	1981	21	1979	1,086	266.4	132	1979	61,460	573	16,527
Portugal	1979	26	1978	502	52.3	187	1979	[7] 18,088	544	[7] 484
Romania	1981	29	1981	(NA)	196.1	114	1981	[1] 34,440	[1] 652	[1 2] 7,509
Saudi Arabia	(X)	(NA)	1981	95	14.5	645	1981	[1] 3,576	[1] 2,606	[1] 218
South Africa	1969-71	118	1973	788	156.2	152	1978	[8] 14,526	[8] 1,806	[8] 2,369
Soviet Union	1980	28-30	1980	23,100	3,324.2	80	1980	[4] 995,600	267	(NA)
Spain	1981	10	1979	1,135	203.8	182	1981	[7] 76,569	390	[7] 4,032
Sri Lanka	1978	38	1981	488	44.0	340	1981	[1] 1,964	[1] 7,631	[1] 269
Sudan	1968-73	140-144	1981	160	17.3	1,091	1981	2,169	8,714	334
Tanzania [11]	1973	120-130	1977	2,407	33.7	464	1977	960	16,282	[2] 45
Thailand	1974-75	76	1980	714	71.7	658	1980	6,867	6,870	[2] 1,224
Turkey	1974-75	125	1981	831	97.8	474	1981	28,411	1,632	6,790
Uganda	1969	120	1981	485	19.8	689	1981	611	22,291	17
United *Kingdom* [12]	1981	11	1980	3,106	387.9	127	1979	78,649	711	(NA)
Venezuela	1974-75	47	1978	444	41.4	319	1978	14,771	888	4,342
Vietnam	(X)	(NA)	1981	[3] 11,550	[3] 202.3	[3] 272	1981	13,517	4,067	[1 2] 803
Yugoslavia	1981	31	1980	(NA)	133.4	167	1981	33,444	673	[2] 7,430
Zaire	1955-57	165-177	1979	942	79.2	322	1979	1,900	13,452	[1] 58

NA Not available X Not applicable. [1] Personnel in government service. [2] Includes nonuniversity level dentists. [3] Government establishments only. [4] Includes nonuniversity level pharmacists. [5] Source of health data: U.S. Bureau of the Census. Data from Republic of China, *Statistical Yearbook of the Republic of China, 1982.* [6] Includes Chinese herb doctors. [7] Stomotologists and odontologists included with physicians. [8] Number of registered persons. [9] Health data cover West Malaysia only. [10] 1979 data. [11] Health data cover Mainland Tanzania only. [12] Health data cover England and Wales only.

Source: Infant mortality—U.S. Bureau of the Census, *World Population 1983,* forthcoming; Health—Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook.* (Copyright.)

NO. 1507. SUICIDE RATES FOR SELECTED COUNTRIES, BY SEX AND AGE GROUP: 1975 AND 1981

[**Rate per 100,000 population.** Includes deaths resulting indirectly from self-inflicted injuries]

COUNTRY	MALE						FEMALE					
	1975, total	1981					1975, total	1981				
		Total [1]	15–24 yr.	25–44 yr.	45–64 yr.	65 yr. and over		Total [1]	15–24 yr.	25–44 yr.	45–64 yr.	65 yr. and over
United States [2]	**18.9**	**18.6**	**20.2**	**24.0**	**23.7**	**35.0**	**6.8**	**5.5**	**4.3**	**7.7**	**8.9**	**6.1**
Australia [2]	15.2	16.4	17.6	23.1	23.1	25.3	7.0	5.6	4.5	8.1	8.6	7.9
Austria	35.5	40.4	30.1	43.2	61.9	85.7	13.9	15.1	10.5	14.0	19.9	29.3
Canada [2]	17.2	22.3	27.8	30.3	30.2	28.6	6.4	7.3	5.7	10.1	12.8	8.7
Denmark [2]	29.9	38.8	17.3	45.4	63.7	74.5	18.4	21.3	5.1	21.6	40.5	36.1
France [2]	22.9	24.7	14.0	25.5	38.2	62.3	9.0	10.0	5.2	9.1	14.9	21.8
Germany, Fed. Rep	27.8	29.6	21.2	33.1	40.5	59.0	14.6	14.4	6.4	12.5	21.3	27.3
Ireland [2]	6.6	6.4	6.2	11.1	12.1	4.3	2.8	3.5	2.5	4.8	8.4	3.6
Israel [2 3]	9.6	8.1	10.8	9.4	12.9	23.4	7.1	3.8	1.2	4.3	6.6	15.9
Japan [2]	21.4	22.2	16.6	26.8	32.9	51.3	14.6	13.1	8.2	11.9	16.3	44.4
Netherlands	10.8	12.2	5.3	14.5	20.7	28.2	7.0	7.9	3.8	8.7	12.9	15.9
Norway	14.2	19.1	20.2	22.5	32.0	22.3	5.6	6.5	3.3	8.0	13.4	6.5
Poland [2]	19.3	21.8	19.5	31.8	34.9	24.7	3.7	4.0	4.3	4.6	6.3	5.8
Sweden [2]	27.7	27.6	16.9	35.3	39.4	42.7	11.2	11.3	5.8	13.6	19.6	13.2
Switzerland [2]	32.5	36.6	34.8	39.1	53.1	66.1	12.9	15.2	12.5	16.0	21.1	25.2
United Kingdom [4]	9.1	11.4	7.0	14.8	17.6	18.3	6.0	6.5	2.1	5.8	11.1	12.5

[1] Includes other age groups not shown separately.
[2] 1981 data not available. 1980 data shown for U.S., Australia, Denmark, Israel, Japan, Sweden, and Switzerland; 1979 data shown for Poland; 1978 data shown for Canada, France, and Ireland. [3] Jewish population. [4] England and Wales only.

Source: World Health Organization, Geneva, Switzerland, *World Health Statistics*, annual; and unpublished data.

NO. 1508. EDUCATION AND ILLITERACY, BY COUNTRY

[**Teachers and students:** Data cover both public and private schools for school year beginning in year stated and exclude schools and classes organized for adults or handicapped children. **Expenditure:** Include both capital and current expenditures on public education and subsidized private education converted to U.S. dollars at end of period exchange rates then in effect. For all communist countries except Bulgaria, German Democratic Republic, and Romania, non-commercial rates were used. **Illiteracy:** Defined as inability both to read and write in any, or a specified, language. See text, p. 854, for general comments concerning the data. For additional qualifications for individual countries, see source]

COUNTRY	Year	1ST LEVEL [1]		2D LEVEL [2]		PUBLIC EXPENDITURE FOR EDUCATION				Illiterate population, 1980: percent of population, 15 years old and over
		Teachers (1,000)	Students enrolled (1,000)	Teachers (1,000)	Students enrolled (1,000)	Year	Total (mil. dol.)	Percent of—		
								Total public expenditure	Gross national product	
United States	1979	[3] 1,351	[3] 28,559	[3] 1,100	[3] 14,556	1979	152,200	(NA)	6.4	.5
Afghanistan	1979	33	1,006	6	133	1980	70	12.7	(NA)	88.7
Algeria	1980	88	3,119	[4] 37	[4] 933	1980	3,111	24.3	8.1	58.2
Angola	1972	13	516	5	79	1979	(NA)	(NA)	[5 6] 4.7	(NA)
Argentina	1981	200	4,035	[4] 179	[4] 1,297	1979	2,914	15.2	3.4	6.7
Australia	1980	[7] 91	1,688	85	1,096	1979	7,412	15.0	6.0	.5
Austria	1980	28	400	64	740	1979	4,112	(NA)	5.6	.5
Bangladesh	1981	188	8,237	[8] 112	[8] 2,363	1979	[9] 143	[9] 7.0	[9] 1.5	58.6
Belgium	1980	46	[3] 842	[10] 71	[3] 836	1979	[9] 6,875	[9] 16.2	[9] 6.1	.5
Brazil	1979	863	22,025	[11] 181	[11] 2,538	1979	4,738	(NA)	3.6	24.5
Bulgaria	1980	52	994	26	315	1979	1,062	(NA)	[12] 5.3	5.6
Burma	1977	68	3,711	24	886	1977	69	12.2	1.6	30.3
Cameroon	1979	25	1,303	8	213	1979	164	17.7	3.1	44.8
Canada	1979	119	2,206	139	[13] 2,388	1979	16,990	18.3	7.7	.5
Chile	1979	66	2,236	27	536	1979	725	(NA)	3.8	7.5
China: Mainland	1980	5,499	146,270	3,172	56,778	(X)	(NA)	(NA)	(NA)	(NA)
Colombia	1980	136	4,168	89	1,811	1980	[9] 574	[9] 14.3	[9] 1.9	13.7
Cuba	1979	87	1,550	[13] 62	1,009	1979	1,657	(NA)	(NA)	(NA)
Czechoslovakia	1980	90	1,904	33	389	1978	1,992	7.5	[12] 4.9	(NA)
Ecuador	1979	[14] 40	[14] 1,428	[14] 31	[14] 535	1978	[9] 261	[9] 25.2	[9] 3.6	18.7
Egypt	1980	168	4,663	122	2,929	1979	771	(NA)	4.1	45.7
Ethiopia	1980	33	2,131	[13] 10	[15] 428	1978	[5 15] 69	(NA)	[5 15] 2.0	95.2
France	1979	232	4,651	365	5,008	1979	[16] 20,793	[17] 17.8	3.5	.5
German Dem. Rep	1980	[18] 169	2,204	[19] 16	506	1979	[5] 5,560	(NA)	[5 13] 5.8	(NA)
Germany, Fed. Rep. of	1980	274	5,044	298	4,301	1979	37,348	13.6	4.7	.5
Ghana	1978	[20] 48	[20] 1,295	32	614	1979	[6] 284	(NA)	[6] 2.8	55.2

See footnotes at end of table.

No. 1508. Education and Illiteracy, by Country—Continued

[See headnote, p. 863]

Country	Year	1st level [1] Teachers (1,000)	1st level [1] Students enrolled (1,000)	2d level [2] Teachers (1,000)	2d level [2] Students enrolled (1,000)	Public expenditure for education: Year	Total (mil. dol.)	Percent of— Total public expenditure	Percent of— Gross national product	Illiterate population, 1980: percent of population, 15 years old and over
Greece	1978	[14]36	[14]923	[13 14]27	[14]710	1978	775	9.3	2.3	12.0
Guatemala	1980	24	803	[11 14]9	157	1979	131	16.6	1.9	47.3
Hungary	1980	75	1,162	[11]24	203	1979	1,337	4.2	4.0	.7
India	1978	1,599	68,602	[3]1,341	[10]26,831	1979	4,425	11.6	3.2	59.7
Indonesia	1980	787	25,537	385	5,722	1978	[17]675	[17]8.7	[17]2.0	33.1
Iran	1977	155	5,021	[10]96	[10]2,357	1977	[5]4,280	(NA)	[5]5.7	*53.4*
Iraq	1980	94	2,616	34	1,033	1979	1,066	(NA)	3.2	56.6
Italy	1980	[11]270	4,435	[11]494	5,309	1978	12,230	9.8	4.6	5.2
Ivory Coast	1979	24	954	[11]34	[21]174	1979	796	29.8	6.6	58.8
Japan	1980	[3]471	[3]11,827	[3]554	[3]9,746	1979	53,346	20.1	5.8	.5
Kenya	1979	93	3,698	16	388	1979	366	18.0	6.1	*50.4*
Korea, Dem. Peo. Rep. of	1976	(NA)	2,562	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)
Korea, Rep. of	1981	123	5,586	113	4,397	1979	2,022	16.2	3.4	7.3
Madagascar	1978	24	1,311	[12 22]5	[8]29	1980	[15]112	(NA)	[15]3.7	(NA)
Malaysia	1981	[23 24]63	[25 24]1,675	[20 24]44	[20 24]988	1979	1,121	(NA)	5.8	27.9
Mali	1978	7	299	[21]3	[21]73	1978	47	30.5	4.6	89.9
Mexico	1980	375	14,666	[4]251	[4]4,285	1979	5,272	(NA)	4.4	16.1
Morocco	1981	[20]63	[20]2,411	[8 20]37	[8 20]805	1980	1,002	(NA)	6.0	74.4
Mozambique	1980	17	1,387	3	103	(X)	(NA)	(NA)	(NA)	72.5
Nepal	1980	28	1,068	16	512	1980	36	(NA)	1.8	82.7
Netherlands	1980	58	1,333	[21]55	1,395	1979	13,340	(NA)	8.1	.5
Nigeria	1979	[25]103	12,557	[25]17	1,827	1979	2,766	16.2	3.3	70.1
Pakistan	1979	147	6,601	129	2,245	1979	420	4.6	2.0	67.5
Peru	1979	80	3,117	[11]37	[11]1,095	1980	287	10.1	1.9	18.5
Philippines	1980	[20]264	[20]8,034	86	2,929	1979	575	(NA)	2.0	11.3
Poland	1980	[26]212	4,167	139	1,674	1980	[5 2]2,409	[5]7.0	[5 27]3.7	.6
Portugal	1978	65	1,221	[26]22	[26]500	1979	745	(NA)	3.8	19.9
Romania	1980	157	3,297	48	871	1980	1,661	(NA)	3.2	4.0
Saudi Arabia	1980	51	927	27	349	1979	4,835	10.2	6.4	63.6
South Africa	1972	[29]120	[29]4,653	(NA)	(NA)	1976	1,435	15.0	4.3	20.7
Soviet Union	1980	[29]2,321	21,714	[4 19]231	20,708	1980	49,663	11.2	[12]7.2	.5
Spain	1979	206	3,609	[19]38	3,913	1976	2,255	16.8	2.1	7.2
Sri Lanka	1980	[11]61	2,081	[11 13]59	[21]1,267	1978	60	5.9	2.2	(NA)
Sudan	1980	43	1,464	19	384	1978	339	15.7	4.7	78.4
Sweden	1979	40	677	[28]62	[8]607	1979	9,972	13.7	9.1	.5
Switzerland	1980	(NA)	451	(NA)	460	1979	5,260	18.6	5.0	.5
Syria	1980	55	1,556	[4]32	[4]589	1979	493	8.5	4.9	45.0
Tanzania	1980	[23 30]81	[23 30]3,360	[22]3	79	1979	261	10.7	5.7	52.5
Thailand	1980	304	7,371	[13]71	1,913	1979	846	18.8	3.2	14.2
Turkey	1980	212	5,656	[4]96	[4 2]2,226	1978	183	(NA)	3.6	34.8
Uganda	1979	36	1,224	[22]4	[22]78	1977	110	(NA)	1.8	52.1
United Kingdom	1979	[31]270	5,134	[13]334	5,360	1978	18,563	13.8	5.7	.5
Upper Volta	1980	4	202	[22]1	28	1979	37	(NA)	3.5	*95.4*
Venezuela	1979	88	2,457	46	821	1978	1,995	8.2	5.0	17.7
Vietnam	1979	217	7,923	[21]161	[21]3,746	(X)	(NA)	(NA)	(NA)	(NA)
Yugoslavia	1980	59	1,432	131	2,426	1979	3,619	(NA)	5.4	13.0
Zaire	1978	[25]73	3,919	(NA)	[28]704	1980	[5]316	[5]32.3	[5]6.3	42.1
Zimbabwe	1981	37	1,714	6	149	1979	164	(NA)	4.3	29.2

NA Not available. X Not applicable. [1] Schools providing basic instruction in the tools of learning; length may vary from 4 to 9 years among countries. Excludes nursery school and kindergarten. [2] Middle, secondary, or high schools providing general or specialized instruction more advanced than primary level. [3] Includes special education. [4] 1979 data. [5] Current expenditures only. [6] Excludes expenditures on universities. [7] Includes pre-primary classes, special education, upgraded and correspondence courses. [8] 1980 data. [9] Ministry of Education expenditures only. [10] 1976 data. [11] 1978 data. [12] Percent of net material product. [13] General education only. [14] Includes evening schools. [15] Excludes expenditures on the 3d level. [16] Ministry of Education and Ministry of the University only. [17] Central government only. [18] Includes general education at the 2d level and special education. [19] Vocational education only. [20] Public education only. [21] General education and teacher training. [22] 1975 data. [23] Government and government-maintained and aided schools only. [24] West Malaysia only. [25] 1970 data. [27] Percent of gross material product. [26] Includes evening and correspondence courses. [28] 1977 data. [29] Includes 2d level. [30] Mainland Tanzania only. [31] Includes education preceding the 1st level.

Source: United Nations Educational, Scientific, and Cultural Organization, Paris, France, *Statistical Yearbook* (copyright); and "Estimates and Projections of Illiteracy," CSR E-29.

No. 1509. Gross National Product, In Current and Constant (1979) Dollars and Per Capita: 1971 to 1980

[In billions of dollars, except as indicated. For explanation of conversion to U.S. dollars, see headnote, table 1532. For explanation of gross national product (GNP), see text, p. 445]

COUNTRY	CURRENT DOLLARS						CONSTANT (1979) DOLLARS					
	1971	1975	1977	1978	1979	1980	1971	1975	1980	Per capita (dol.) 1971	Per capita (dol.) 1975	Per capita (dol.) 1980
United States	1,067.7	1,537.0	1,907.0	2,132.9	2,375.2	2,614.1	1,826.3	1,991.7	2,370.0	8,822	9,307	10,408
Afghanistan	1.6	2.6	3.1	3.5	(NA)	(NA)	2.7	3.3	(NA)	216	245	(NA)
Algeria	10.5	17.7	22.7	26.4	31.2	35.5	18.0	22.9	32.2	1,266	1,433	1,713
Argentina	48.6	77.7	89.4	92.1	106.1	118.3	83.0	100.6	107.2	3,446	3,947	3,871
Austria	29.9	45.2	55.4	59.8	68.3	77.7	51.2	58.6	70.5	6,825	7,815	9,396
Bangladesh	(X)	5.8	7.3	8.5	9.6	11.0	(X)	7.5	10.0	(X)	94	112
Belgium	49.8	75.5	89.5	98.1	108.7	122.2	85.2	97.8	110.8	8,786	9,976	11,190
Brazil	65.1	126.2	159.9	181.1	208.6	248.4	111.3	163.6	225.2	1,133	1,507	1,846
Bulgaria	12.7	20.5	23.4	25.7	28.5	30.2	21.8	26.5	27.4	2,562	3,051	3,076
Burma	2.1	3.1	3.9	4.5	5.1	6.1	3.7	4.1	5.5	132	133	160
Canada	94.4	148.5	178.6	197.3	220.3	243.3	161.4	192.5	220.5	7,473	8,479	9,189
Chile	9.9	11.4	14.6	16.9	19.8	23.2	16.9	14.8	21.1	1,779	1,446	1,915
China:												
Mainland	159.0	271.0	335.0	400.0	471.0	552.0	272.0	351.2	500.5	312	369	487
Taiwan	9.1	16.3	22.6	27.5	32.3	38.0	15.6	21.1	34.5	1,048	1,307	1,935
Colombia	10.0	17.0	20.8	24.3	27.9	32.0	17.2	22.0	29.0	780	912	1,170
Czechoslovakia	53.9	81.5	96.1	104.9	113.3	125.5	92.2	105.6	113.8	6,405	7,135	7,437
Egypt	6.3	9.9	14.2	16.7	18.8	22.6	10.8	12.8	20.5	320	346	485
Ethiopia	1.8	2.7	3.1	3.3	3.8	4.4	3.1	3.4	4.0	119	119	134
France	249.3	378.6	455.7	506.8	568.6	634.3	426.5	490.6	575.1	8,313	9,309	10,709
German Dem. Rep	60.6	93.1	108.9	119.0	130.9	146.0	103.7	120.6	132.3	6,066	7,138	7,924
Germany, Fed. Rep	352.7	499.2	600.7	666.4	756.8	848.3	603.3	646.9	769.1	9,842	10,467	12,485
Ghana	5.9	7.6	8.3	9.3	10.1	11.3	10.1	9.8	10.2	1,105	951	846
Greece	16.0	25.1	31.0	35.3	39.8	44.6	27.4	32.6	40.5	3,111	3,620	4,215
Hungary	25.2	37.5	44.5	49.1	52.9	57.9	43.2	48.6	52.5	4,151	4,629	4,908
India	61.6	92.6	113.2	129.6	134.2	159.4	105.3	119.9	144.5	186	194	208
Indonesia	16.2	28.4	36.8	41.8	47.4	56.7	27.7	36.8	51.4	221	268	340
Iran	31.7	63.7	79.5	77.4	73.2	72.7	54.1	82.5	65.9	1,823	2,447	1,697
Iraq	6.2	13.2	17.6	21.7	33.5	39.1	10.6	17.0	35.5	1,085	1,522	2,708
Italy	146.2	212.2	256.0	281.4	321.7	368.1	250.1	275.0	333.7	4,632	4,928	5,855
Japan	383.5	615.0	769.4	872.7	1,000.9	1,152.6	656.0	796.9	1,044.9	6,205	7,140	8,946
Kenya	2.2	3.5	4.5	5.2	5.9	6.6	3.7	4.6	6.0	318	337	367
Korea, Dem. Peo. Rep	4.2	10.1	10.8	12.4	14.0	15.9	7.2	13.1	14.4	493	793	746
Korea, Rep. of	16.6	30.8	43.5	52.0	60.1	62.5	28.3	39.9	56.7	838	1,086	1,423
Madagascar	1.6	2.0	2.2	2.3	2.8	3.1	2.7	2.6	2.8	388	343	327
Malaysia	6.2	10.9	14.4	16.4	19.5	23.3	10.6	14.1	21.1	943	1,137	1,506
Mexico	45.1	75.9	88.1	100.8	118.6	142.4	77.1	98.3	129.1	1,491	1,675	1,901
Morocco	6.2	10.2	13.2	14.4	16.4	18.8	10.5	13.2	17.0	645	727	810
Mozambique	(X)	2.0	2.1	2.3	2.5	2.8	(X)	2.6	2.5	(X)	277	207
Nepal	.8	1.2	1.5	1.6	1.8	2.0	1.4	1.6	1.8	117	118	118
Netherlands	72.8	107.2	129.8	141.9	156.6	173.6	124.6	138.9	157.4	9,439	10,141	11,163
Nigeria	26.7	46.7	60.6	68.8	77.4	87.8	45.7	60.5	79.6	786	921	1,032
Pakistan	8.3	13.0	15.9	18.6	21.0	25.1	14.3	16.9	22.7	211	224	260
Peru	6.6	10.4	11.8	12.4	13.9	15.9	11.3	13.5	14.4	815	873	819
Philippines	10.4	17.8	22.3	25.7	29.6	34.2	17.8	23.0	31.0	460	534	631
Poland	72.4	122.4	142.3	158.1	166.4	175.5	123.9	158.6	159.1	3,776	4,665	4,470
Portugal	9.0	13.1	16.2	17.8	20.1	23.3	15.5	16.9	21.2	1,719	1,800	2,137
Romania	31.6	50.7	64.3	72.2	80.2	85.9	54.1	65.7	77.9	2,636	3,099	3,502
South Africa	24.6	38.5	43.7	47.8	54.1	64.5	42.0	49.9	58.5	1,827	1,957	2,367
Soviet Union	571.1	890.1	1,165.0	1,165.0	1,275.4	1,423.8	976.9	1,153.4	1,290.8	3,987	4,541	4,861
Spain	83.0	136.7	161.3	177.7	194.8	217.7	142.0	177.1	197.3	4,165	5,002	5,276
Sri Lanka	1.4	2.1	2.5	2.9	3.3	4.1	2.3	2.7	3.7	181	194	250
Sudan	3.6	5.1	6.6	7.5	8.0	8.7	6.2	6.6	7.9	442	412	419
Sweden	54.1	79.0	85.9	93.1	106.6	119.3	92.5	102.3	108.2	11,425	12,477	13,032
Switzerland	55.6	73.3	83.3	89.2	99.3	114.4	95.1	95.0	103.7	15,100	14,481	16,210
Syria	2.8	6.5	7.6	8.9	10.1	12.2	4.8	8.4	11.0	743	1,195	1,254
Tanzania	1.8	2.9	3.6	4.1	4.6	5.0	3.1	3.7	4.5	224	242	241
Thailand	9.1	15.6	20.1	23.5	26.8	31.1	15.6	20.2	28.2	408	475	592
Turkey	27.8	48.1	60.2	66.3	71.6	78.5	47.5	62.4	71.1	1,298	1,539	1,546
Uganda	6.1	8.0	9.1	9.3	9.3	9.5	10.5	10.4	8.6	1,037	903	675
United Kingdom	202.3	286.3	334.3	370.0	409.5	445.4	346.0	371.1	403.8	6,211	6,624	7,210
Venezuela	18.2	31.5	40.4	44.6	48.9	54.0	31.1	40.8	49.0	2,804	3,213	2,830
Yugoslavia	23.9	38.7	48.4	55.5	64.4	73.2	40.9	50.2	66.3	1,983	2,345	2,974
Zaire	3.5	5.1	5.3	5.4	5.8	6.5	6.0	6.6	5.9	268	262	205

NA Not available. X Not applicable.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual. Data from International Bank for Reconstruction and Development and U.S. Central Intelligence Agency.

No. 1510. Gross Domestic Product—Percent Distribution by Type of Expenditure and Kind of Economic Activity

[**In percent.** In general, "Agriculture" includes forestry, hunting, and fishing; "Industrial activity" covers mining, manufacturing, electricity, gas and water; and "Other" comprises financing, insurance, real estate, and business services; community, social, and personal services; producers of government services; and other producers. Data by kind of economic activity do not add to 100 percent for some countries because import duties are excluded in the reported industrial groups; data for Bulgaria, Czechoslovakia, German Democratic Republic, Hungary, Poland, Soviet Union, and Yugoslavia are based on the material production system of accounts which include the sum of goods and material services but exclude nonmaterial services such as finances and education. Minus sign (–) indicates decrease]

COUNTRY	TYPE OF EXPENDITURE							KIND OF ECONOMIC ACTIVITY						
	Year	Final consumption expenditure		Increase in stocks	Gross fixed capital formation	Exports	Less Imports	Year	Agriculture	Industrial activity	Construction	Wholesale and retail trade	Transport and communications	Other
		Govt.	Private											
United States	1979	17	64	1	19	9	10	1979	3	30	5	17	6	39
Afghanistan	(X)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	[1] 1980	62	22	4	7	4	1
Algeria	1979	14	46	2	40	31	34	1979	6	41	13	13	5	21
Argentina	1975	10	71	(Z)	21	7	10	1975	12	36	4	10	8	29
Australia [2]	1980	17	60	(Z)	24	17	19	1978	7	29	7	14	7	36
Austria	1980	18	55	3	25	39	41	1980	4	32	8	17	6	33
Bangladesh [2]	1980	6	90	–	15	6	16	1980	54	8	6	11	6	15
Belgium	1980	19	64	(Z)	21	60	63	1980	2	29	8	(NA)	9	34
Bolivia	1980	14	75	–1	12	19	18	1980	16	25	4	18	9	28
Brazil	1980	9	72		21	9	11	1980	11	24	5	14	4	42
Bulgaria	(X)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1980	17	48	9	14	8	4
Burma [3]	1979	86		1	17	6	10	1979	45	[4] 11	1	29	3	[4] 10
Canada	1980	20	56	(Z)	23	29	28	1980	4	28	5	10	7	45
Chile	1980	12	72	1	17	21	24	1980	7	32	5	18	5	33
Colombia	1980	8	68	1	22	16	16	1980	25	25	5	18	7	21
Czechoslovakia	(X)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1980	8	64	11	12	4	(Z)
Denmark	1980	27	56	(Z)	18	33	34	1977	5	18	7	15	7	48
Dominican Republic	1979	8	74	1	23	21	26	1979	19	20	7	17	6	30
Ecuador	1980	14	60	3	25	24	27	1980	12	30	7	14	9	27
Egypt	1979	17	69	4	27	26	42	1979	22	28	5	16	7	22
Ethiopia [5]	1976	14	77		10	13	14	1976	46	11	4	9	5	26
France	1980	15	63	2	22	22	24	1980	4	29	7	12	6	42
German Dem. Rep	(X)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1980	9	63	7	14	5	3
Germany, Fed. Rep. of	1980	20	55	1	24	27	27	1980	2	40	8	9	6	35
Ghana	1978	11	85	–1	6	8	10	1978	61	10	2	13	3	11
Greece	1980	16	65	5	23	20	26	1980	15	20	8	11	7	39
Guatemala	1980	8	79	(Z)	16	22	25	1980	25	19	3	27	7	19
Haiti [6]	1980	87		20		28	35	1980	32	20	5	18	2	22
Hungary	(X)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1980	14	49	10	20	5	1
India [3]	1979	10	69	4	19	7	9	1980	33	19	4	13	5	25
Indonesia	1980	13	57	22		31	22	1980	26	36	6	14	4	15
Iran [1]	1977	20	40	(NA)	34	6		1977	9	43	9	6	4	29
Iraq	1975	51		9	27	58	45	1976	7	61	8	4	5	15
Italy	1980	16	52	5	20	25	28	1980	6	35	8	15	6	29
Ivory Coast	1978	16	54	(Z)	30	37	38	1978	25	13	9	(7)	7	[7] 47
Japan	1980	10	58	1	32	14	15	1980	4	34	9	12	7	34

Kampuchea	1966	17	70	3	16	8	13	1966	41	17			42		
Kenya	1980	20	66	5	21	28	41	1980	28	13	5	10		5	39
Korea, Republic of	1980	13	65	1	32	37	43	1980	16	31	9	15		6	22
Madagascar	1979	18	72	22		18	30	1979	37	20			43		
Malawi	1978	14	65	6	31	22	38	1973	49	11	4	12		5	20
Malaysia	1980	17	52	1	26	58	54	1973	29	24	4	13		5	25
Mexico	1979	11	62	3	25	12	14	1979	10	31	7	30		3	19
Morocco	1980	20	66	2	21	19	28	1980	18	25	7	15		4	31
Nepal [8]	1978	7	82	1	17	6	13	1979	58	4	7	4		6	21
Netherlands	1980	18	61	1	21	53	53	1978	4	26	7	13		6	43
Nigeria [3]	1977	12	58	2	29	26	26	1977	23	30	9	21		3	14
Pakistan [2]	1980	9	83	1	16	13	22	1980	27	18	5	13		7	30
Peru	1980	13	68	(z)	16	24	20	1980	8	42	3	17		6	24
Philippines	1980	8	67	5	25	20	26	1980	23	30	8	17		6	16
Poland	(x)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1980	15	55	9	10		7	3
Portugal	1976	14	81	2	17	17	30	1976	13	34	5	13		6	29
Saudi Arabia [9]	1978	23	26	2	31	60	42	1978	1	58	15	6		6	14
South Africa [10]	1980	13	49	4	24	36	27	1980	7	49	4	11		8	21
Soviet Union	(x)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1980	15	51	11	18		6	–
Spain	1979	11	69	1	19	15	15	1978	8	27	8	17		7	33
Sri Lanka	1980	10	78	3	31	31	53	1980	26	22	9	20		10	13
Sudan [2]	1977	11	83	3	11	8	16	1977	36	9	4	19		10	22
Sweden	1980	29	51	1	20	30	32	1980	3	25	7	11		6	49
Switzerland	1980	13	64	3	24	37	40	(x)	(NA)	(NA)	(NA)	(NA)		(NA)	(NA)
Syria	1979	22	70	(z)	26	18	35	1980	21	21	6	21		6	25
Thailand	1980	13	65	1	27	25	31	1980	26	22	6	22		7	17
Turkey	1977	18	69	–1	22	5	13	1980	22	26	5	15		10	22
Uganda	1971	88		(z)	16	19	23	1976	73	7	1	6		2	11
United Kingdom	1980	22	60	2	18	28	26	1980	2	29	6	9		7	48
Upper Volta	1979	15	95	2	16	13	40	1979	37	12	3	15		6	26
Venezuela	1980	13	55	(z)	25	33	26	1980	6	42	6	8		10	29
Yemen Arab Rep. [2]	1976	13	92	8	27	7	47	1976	35	6	8	22		3	26
Yugoslavia	(x)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1980	13	41	11	22		8	5
Zaire	1977	20	69	3	34	29	54	1977	26	16	4	22		2	30
Zambia	1980	28	58	2	20	35	43	1980	14	36	4	13		7	27
Zimbabwe	1979	22	62	2	13	(z)		1979	12	33	3	11		8	33

– Represents zero. X Not applicable. NA Not available. Z Less than .5 percent. [1] Year beginning March 21. [2] Year beginning July 1. [3] Year beginning April 1. [4] Gas and water included in "Other". [5] Year ending July 7. [6] Year ending Sept. 30. [7] Wholesale and retail trade included in "Other". [8] Year ending July 15. [9] Fiscal years (year of the Hejra). [10] Includes Namibia.

Source: Statistical Office of the United Nations, New York, N.Y., *Monthly Bulletin of Statistics,* vol. XXXVI, No. 7, July 1982. (Copyright.)

No. 1511. Organization for Economic Cooperation and Development (OECD)—Gross National Product, 1975 to 1982, and Change, 1975–1980 and 1980–1982

Country	GNP (Total in constant (1982) dollars (bil.) [1])			GNP annual percent change [2]		GNP per capita (In constant (1982) dollars [1])			GNP per capita annual percent change [2]		Inflation rate, [3] 1981–1982 (percent)
	1975	1980	1982	1975–1980	1980–1982	1975	1980	1982	1975–1980	1980–1982	
United States	**2,550.4**	**3,052.0**	**3,073.0**	**3.7**	**.3**	**11,809**	**13,406**	**13,246**	**2.6**	**−.6**	**6.0**
OECD Europe [4]	**2,573.6**	**2,972.7**	**2,977.0**	**2.9**	**.1**	**6,709**	**7,547**	**7,483**	**2.4**	**−.4**	**10.2**
Belgium	74.4	86.0	84.4	2.9	−.9	7,587	8,722	8,551	2.8	−1.0	7.5
Luxembourg	3.0	3.4	3.3	2.6	−1.8	8,361	9,500	8,919	2.6	−3.1	13.6
Denmark	46.2	52.6	54.3	2.6	1.6	9,134	10,273	10,605	2.4	1.6	9.8
France	454.5	534.4	544.6	3.3	.9	8,610	9,950	10,044	2.9	.5	12.6
Germany, Fed. Rep.	558.8	664.1	658.2	3.5	−.5	9,037	10,788	10,678	3.6	−.5	4.8
Greece	30.9	38.3	38.1	4.3	−.2	3,415	3,968	3,892	3.0	−1.0	22.5
Ireland	13.6	16.6	17.0	4.0	1.3	4,283	4,874	4,885	2.6	.1	17.2
Italy	286.7	346.3	344.6	3.8	−.3	5,135	6,068	6,013	3.4	−.5	17.5
Netherlands	123.1	140.5	136.9	2.7	−1.3	9,020	9,936	9,567	1.9	−1.8	6.0
United Kingdom	441.9	479.1	475.3	1.6	−.4	7,905	8,562	8,500	1.6	−.4	7.6
Austria	55.3	65.7	66.4	3.5	.6	7,356	8,744	8,771	3.5	.2	6.9
Finland	39.5	46.4	47.6	3.3	1.3	8,376	9,701	9,876	3.0	.9	9.2
Iceland	2.0	2.5	2.5	4.4	.2	9,136	10,826	10,870	3.4	.2	54.0
Norway	43.4	54.8	54.9	4.8	.1	10,818	13,396	13,358	4.4	−.2	11.0
Portugal	16.6	21.6	22.4	5.3	1.9	1,761	2,183	2,227	4.4	1.0	22.5
Spain	157.9	174.0	176.4	2.0	.7	4,435	4,647	4,651	.9	(Z)	13.4
Sweden	90.5	96.7	96.0	1.3	−.4	11,048	11,634	11,525	1.0	−.5	8.2
Switzerland	92.5	100.6	100.5	1.7	−.1	14,434	15,742	15,703	1.8	−.1	7.1
Turkey	42.8	49.1	53.6	2.8	4.5	1,068	1,104	1,157	.7	2.4	27.1
Australia	133.7	151.2	157.6	2.5	2.1	9,624	10,295	10,389	1.3	.5	11.5
Canada	244.5	285.4	282.7	3.2	−.5	10,755	11,912	11,478	2.0	−1.8	10.6
Japan	770.9	989.5	1,060.0	5.1	3.5	6,909	8,473	8,949	4.2	2.8	2.0
New Zealand	22.7	22.4	23.1	−.3	1.6	7,367	7,190	7,310	−.5	.8	13.0

Z Less than .05 percent. [1] National currency values converted into dollars by the average 1982 Par Rate/Market Rate, as published by the International Monetary Fund, Washington, D.C. [2] Minus sign (−) indicates decrease. [3] GNP or GDP (Gross Domestic Product) implicit price deflators; totals weighted by 1981 (base year) OECD weights. [4] See text, p. 854.

Source: U.S. Department of State, Bureau of Intelligence and Research, *Economic Growth of OECD Countries, 1972–1982*, Report No. 592AR (Revised), 1983, and unpublished data.

No. 1512. Gross Domestic Product, Total and Per Capita, Using Purchasing Power Parities—Selected Countries: 1970 to 1981

[See text, p. 854 for explanation of purchasing power parities]

Country	Gross domestic product (bil. dol.)						Gross domestic product per capita (dollars)					
	1970	1975	1978	1979	1980	1981	1970	1975	1978	1979	1980	1981
United States	988.7	1,538.8	2,140.4	2,382.2	2,599.0	2,906.3	4,822	7,125	9,616	10,585	11,416	12,647
E. E. C., total [1]	854.6	1,349.1	1,806.0	2,029.8	2,249.2	2,448.1	3,283	5,044	6,709	7,519	8,303	9,013
Belgium	32.0	52.5	69.4	77.3	87.1	93.5	3,322	5,356	7,064	7,861	8,848	9,495
Denmark	18.9	28.8	38.5	43.4	47.0	51.4	3,843	5,688	7,542	8,483	9,167	10,031
France	174.7	292.9	394.9	443.4	491.5	538.6	3,441	5,558	7,412	8,290	9,150	9,981
Germany, Fed. Rep.	222.9	342.2	462.3	523.3	583.3	639.0	3,674	5,534	7,538	8,528	9,475	10,360
Greece	14.4	25.4	35.9	40.5	45.0	48.9	1,638	2,807	3,812	4,245	4,669	5,019
Ireland	6.0	10.2	14.1	15.7	17.7	19.5	2,035	3,196	4,259	4,669	5,200	5,683
Italy	155.0	240.6	321.4	366.7	416.9	455.0	2,898	4,310	5,668	6,443	7,305	7,956
Luxembourg	1.5	2.2	2.9	3.3	3.6	4.1	4,275	6,180	7,885	9,058	9,916	11,097
Netherlands	47.1	75.8	101.2	112.5	124.1	134.1	3,612	5,553	7,262	8,010	8,773	9,414
United Kingdom	182.2	278.5	365.3	403.7	433.0	463.9	3,282	4,976	6,534	7,217	7,730	8,281
Austria	22.5	37.5	49.5	56.4	63.7	69.7	3,025	4,986	6,594	7,518	8,482	9,269
Japan	316.4	546.2	765.5	875.1	999.2	1,126.7	3,060	4,898	6,661	7,552	8,556	9,583
Portugal	11.9	20.3	28.6	33.1	37.7	41.5	1,317	2,152	2,920	3,364	3,814	4,180
Spain	77.5	139.7	182.5	198.9	220.8	242.2	2,287	3,934	4,963	5,359	5,906	6,428
Other O.E.C.D. countries [2]	276.7	468.2	612.4	686.7	762.7	858.3	2,895	4,520	5,694	6,308	6,915	7,677

[1] European Economic Community. [2] Organization for Economic Cooperation and Development. Includes Australia, Canada, Finland, Iceland, Norway, Sweden, Switzerland, Turkey, and Yugoslavia.

Source: Organization for Economic Cooperation and Development, Paris, France, *National Accounts of OECD Countries*, vol. I, annual.

No. 1513. Organization for Economic Cooperation and Development (OECD)—Industrial Production, Imports, and Exports: 1975 to 1982

[Imports c.i.f., except as noted; exports f.o.b. See text, pp. 853 and 854]

Country	Industrial production index (1975=100)				Average monthly imports (mil. dol.)				Average monthly exports (mil. dol.)			
	1979	1980	1981	1982	1975	1980	1981	1982	1975	1980	1981	1982
OECD, total	**124**	**123**	**124**	**119**	**48,948**	**114,086**	**108,174**	(NA)	**47,317**	**103,487**	**101,532**	(NA)
United States	**129**	**125**	**128**	**118**	[1] 8,078	**20,100**	**21,748**	**20,329**	**8,971**	**18,392**	**19,478**	**17,690**
Australia	114	114	117	111	[1] 832	1,684	1,980	2,020	992	1,839	1,815	1,846
Austria	122	125	124	123	783	2,021	1,750	1,625	627	1,447	1,317	1,304
Belgium	116	115	112	(NA)	[2] 2,559	[2] 5,973	[2] 5,154	[2] 4,819	[2] 2,401	[2] 5,375	[2] 4,623	[2] 4,367
Canada	118	117	119	106	[1] 2,830	4,916	5,542	4,568	2,692	5,412	5,880	5,701
Denmark	(NA)	(NA)	(NA)	(NA)	861	1,610	1,459	1,403	726	1,395	1,331	1,276
Finland	118	128	132	130	635	1,301	1,183	1,119	459	1,179	1,165	1,089
France	118	118	117	(NA)	4,520	11,238	10,041	9,615	4,351	9,276	8,439	7,896
Germany, Fed. Rep	117	117	116	113	6,184	15,488	13,558	12,837	7,502	15,974	14,607	14,621
Greece	129	130	129	124	443	886	743	(NA)	191	432	358	(NA)
Iceland	(NA)	(NA)	(NA)	(NA)	41	83	86	79	26	77	75	57
Ireland	135	133	135	136	317	929	886	809	268	709	653	676
Italy	121	128	125	122	3,197	8,309	7,600	7,160	2,902	6,492	6,310	6,115
Japan	133	142	146	140	4,822	11,759	11,889	10,936	4,646	10,799	12,647	11,505
Luxembourg	111	108	100	97	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]
Netherlands	112	112	110	107	2,929	6,406	5,493	5,215	2,870	6,153	5,705	5,519
Norway	125	132	132	131	806	1,413	1,302	1,288	600	1,541	1,494	1,462
Portugal	134	141	142	(NA)	319	775	812	(NA)	162	387	345	(NA)
Spain	115	116	114	(NA)	1,355	2,848	2,681	(NA)	640	1,735	1,705	(NA)
Sweden	98	99	95	95	1,504	2,785	2,404	2,302	1,451	2,577	2,379	2,228
Switzerland	109	114	114	109	1,109	3,026	2,550	2,383	1,080	2,468	2,241	2,161
Turkey	(NA)	(NA)	(NA)	(NA)	387	521	745	(NA)	117	229	398	(NA)
United Kingdom	115	108	104	105	4,438	10,013	8,567	8,306	3,646	9,598	8,567	8,102

NA Not available. [1] Imports f.o.b. [2] Luxembourg included with Belgium.

Source: Organization for Economic Cooperation and Development, Paris, France, *Main Economic Indicators,* monthly, and *Statistics of Foreign Trade* (series A), monthly.

No. 1514. Foreign Trade of the United States, European Economic Community, and Japan—Source of Imports and Destination of Exports: 1973 to 1982

Year	Imports					Exports				
	Total [1]	OECD [2]	OPEC [3]	Other developing countries [4]	CMEA [5] and China: Mainland	Total [1]	OECD [2]	OPEC [3]	Other developing countries [4]	CMEA [5] and China: Mainland
VALUE (bil. dol.)										
U.S.: 1973	69.1	47.6	3.9	15.7	.6	71.3	46.2	3.6	17.6	2.5
1980	241.2	121.5	52.1	61.8	2.5	220.7	127.7	17.6	64.0	7.6
1982	244.0	139.2	31.2	68.2	3.3	212.3	119.8	22.9	60.4	6.5
EEC: 1973	215.2	163.9	16.9	23.0	8.0	210.7	167.8	8.5	22.0	8.9
1980	730.2	524.7	93.4	71.8	30.8	664.9	502.1	51.5	72.3	26.6
1982	611.9	447.8	69.4	59.7	26.3	584.7	436.5	54.2	64.5	19.3
Japan: 1973	38.3	19.5	6.6	9.4	2.3	36.9	18.6	2.7	13.1	2.0
1980	141.1	47.5	56.8	28.3	6.7	129.6	59.7	18.5	40.6	9.0
1982	131.1	46.3	48.2	27.4	7.3	138.3	66.4	21.8	40.2	8.2
PERCENT DISTRIBUTION										
U.S.: 1973	100.0	68.9	5.6	22.7	.9	100.0	64.8	5.0	24.7	3.5
1980	100.0	50.4	21.6	25.6	1.0	100.0	57.9	8.1	29.0	3.4
1982	100.0	57.0	12.8	27.9	1.4	100.0	56.3	10.8	28.4	3.1
EEC: 1973	100.0	76.2	7.9	10.7	3.7	100.0	79.6	4.0	10.4	4.2
1980	100.0	71.9	12.8	9.8	4.2	100.0	75.5	7.7	10.9	4.0
1982	100.0	73.2	11.3	9.7	4.6	100.0	74.5	9.3	11.0	3.3
Japan: 1973	100.0	50.9	17.2	24.5	6.0	100.0	50.4	7.3	35.5	5.4
1980	100.0	33.7	40.3	20.1	4.7	100.0	46.1	14.3	31.3	6.9
1982	100.0	35.3	36.8	20.9	5.6	100.0	48.1	15.7	29.1	5.9

[1] Includes South Africa, ships' supplies, areas not specified for reasons of secrecy and miscellaneous, not shown separately. [2] Organization for Economic Cooperation and Development. For member countries, see text, pp. 853 and 854. [3] Organization of Petroleum Exporting Countries. For member countries, see table 992. [4] Comprises trade with all countries other than China: Mainland, South Africa and members of OECD, OPEC, and CMEA. [5] Council for Mutual Economic Assistance. Covers Soviet Union, German Democratic Republic, Poland, Czechoslovakia, Hungary, Romania, Bulgaria, Cuba, Vietnam, and Mongolia. [6] European Economic Community. Includes trade among member countries. For member countries, see table 1473.

Source: Organization for Economic Cooperation and Development, Paris, France, *Statistics of Foreign Trade,* annual.

No. 1515. Tax Revenues—Selected Countries: 1970 to 1981

[Covers national and local taxes and Social Security contributions. GDP=Gross domestic product; see text, p. 445]

Country	Tax revenues (bil. dol.)				As percent of GDP				Tax revenues per capita (dol.)			
	1970	1975	1980	1981	1970	1975	1980	1981	1970	1975	1980	1981
United States	287.7	436.3	772.9	880.6	30.1	30.2	30.6	31.2	1,403	2,020	3,395	3,832
Australia	9.5	27.7	45.6	53.5	25.4	29.1	30.7	31.6	753	1,997	3,105	3,584
Austria	5.2	14.5	31.8	28.3	35.7	38.6	41.2	42.5	698	1,934	4,236	3,761
Belgium	9.1	25.8	52.4	43.2	36.0	41.6	44.9	45.4	948	2,635	5,326	4,386
Canada	27.1	56.4	86.2	101.2	32.0	32.9	32.7	34.7	1,268	2,481	3,600	4,161
Denmark	6.4	15.6	30.2	26.0	40.4	41.4	45.4	45.3	1,296	3,076	5,887	5,068
Finland	3.5	10.0	17.6	18.1	32.2	36.2	35.1	36.8	750	2,125	3,683	3,770
France	50.4	126.8	278.6	244.5	35.6	37.4	42.7	43.0	992	2,407	5,188	4,532
Germany, Fed. Rep.	61.0	150.0	307.6	254.9	32.8	36.0	37.8	37.3	1,006	2,426	4,997	4,133
Greece	2.4	5.1	11.5	10.8	24.3	24.6	28.6	29.2	275	567	1,192	1,106
Italy	28.0	55.7	130.1	118.2	27.9	29.0	32.9	33.7	521	997	2,280	2,066
Japan	41.4	107.5	275.4	309.7	19.7	21.0	25.9	26.9	401	964	2,358	2,634
Netherlands	12.6	37.9	77.4	63.9	39.9	45.8	45.8	45.5	969	2,777	5,471	4,484
New Zealand	1.7	4.1	7.4	8.2	26.6	30.1	31.5	32.8	620	1,342	2,363	2,608
Norway	4.4	12.8	27.2	27.8	39.2	44.8	47.1	48.5	1,129	3,182	6,644	6,771
Portugal	1.4	3.7	7.2	7.4	23.2	24.8	29.3	31.1	159	387	728	746
Spain	6.4	20.5	51.1	47.0	17.2	19.6	24.2	25.2	189	579	1,366	1,246
Sweden	13.4	31.7	61.2	57.7	40.7	44.0	49.6	51.3	1,667	3,874	7,362	6,933
Switzerland	5.0	16.1	31.3	28.6	23.8	29.6	30.8	30.3	799	2,510	4,909	4,475
United Kingdom	45.7	83.1	188.9	185.9	37.5	36.0	36.0	37.4	824	1,485	3,373	3,319

No. 1516. Percent Distribution of Tax Receipts by Type of Tax—Selected Countries: 1970 to 1981

Country and year	Total [1]	Income and profits taxes [2]			Social security contributions			Taxes on goods and services [5]		
		Total [3]	Individual	Corporate	Total [4]	Employees	Employers	Total [6]	General consumption taxes [6]	Taxes on specific goods, services [7]
United States: 1970	100.0	47.9	35.2	12.7	19.3	8.1	10.5	18.9	5.6	11.3
1980	100.0	47.1	36.9	10.2	26.1	10.0	15.4	16.7	6.6	7.8
1981	100.0	46.3	37.6	8.6	26.5	10.3	15.5	17.6	6.3	9.0
Canada: 1970	100.0	44.6	32.4	11.3	9.6	(NA)	(NA)	31.6	14.4	13.2
1980	100.0	46.6	34.0	11.6	10.4	3.7	6.6	32.5	11.6	12.9
1981	100.0	45.2	33.8	10.5	11.5	4.0	7.3	33.6	11.0	15.6
France: 1970	100.0	18.2	11.8	6.3	38.2	7.2	26.3	37.8	25.5	11.5
1980	100.0	18.0	13.0	4.9	43.1	11.5	28.9	30.1	21.0	8.2
1981	100.0	18.4	13.3	5.0	42.7	10.9	29.0	29.7	21.1	7.9
Germany, Fed. Rep.: 1970	100.0	32.3	26.6	5.7	30.4	13.5	16.6	31.8	17.1	12.9
1980	100.0	35.3	29.8	5.5	34.4	15.4	18.4	26.9	16.7	8.9
1981	100.0	34.1	29.1	5.0	35.5	15.9	19.1	27.1	17.0	9.0
Italy: 1970	100.0	17.4	10.9	6.6	37.8	(NA)	(NA)	38.3	13.2	22.7
1980	100.0	32.4	24.2	8.2	37.0	6.0	23.2	26.5	15.5	10.2
1981	100.0	35.4	26.4	9.0	35.9	5.5	21.9	24.7	14.9	9.1
Japan: 1970	100.0	41.2	21.1	20.1	22.3	8.6	11.6	22.4	–	20.9
1980	100.0	41.5	24.2	17.3	29.1	10.2	14.8	16.3	–	14.1
1981	100.0	40.7	24.7	15.9	30.0	10.7	15.4	15.9	–	13.8
Netherlands: 1970	100.0	33.3	26.7	6.7	35.0	15.3	16.5	27.7	14.6	11.5
1980	100.0	32.9	26.3	6.6	38.1	15.8	17.8	24.8	15.9	6.9
1981	100.0	31.6	24.7	7.0	40.0	16.8	17.9	24.4	15.7	6.6
Sweden: 1970	100.0	54.0	49.6	4.4	14.9	2.0	11.7	28.6	10.2	16.7
1980	100.0	43.6	41.1	2.5	28.6	–	27.5	24.0	13.4	9.2
1981	100.0	42.8	40.0	2.9	29.6	–	28.5	23.9	13.5	9.0
United Kingdom: 1970	100.0	40.3	31.1	9.2	13.9	6.2	7.1	28.8	6.5	19.9
1980	100.0	37.7	30.0	7.8	16.9	6.6	9.9	29.1	14.4	13.1
1981	100.0	38.6	29.4	9.2	16.2	6.7	9.1	28.4	12.6	14.3

– Represents zero. NA Not available. [1] Includes property taxes, employer payroll taxes other than Social Security contributions, and miscellaneous taxes, not shown separately. [2] Includes taxes on capital gains. [3] Includes other taxes, not shown separately. [4] Includes contributions of self-employed, not shown separately. [5] Taxes on the production, sales, transfer, leasing, and delivery of goods and services and rendering of services. [6] Primarily value-added and sales taxes. [7] For example, excise taxes on alcohol, tobacco, and gasoline.

Source of tables 1515 and 1516: Organization for Economic Cooperation and Development, Paris, France, *Revenue Statistics of OECD Member Countries*, annual.

NO. 1517. CONSUMER PRICES—ANNUAL PERCENT CHANGES, BY COUNTRY: 1977 TO 1982

[See text, p. 854, for general comments concerning the data. For additional qualifications of the data for individual countries, see source. Minus sign (–) indicates decrease]

COUNTRY	1977–1978	1978–1979	1979–1980	1980–1981	1981–1982	COUNTRY	1977–1978	1978–1979	1979–1980	1980–1981	1981–1982
United States	7.6	11.3	13.5	10.4	6.2	Israel	50.6	78.3	131.0	116.8	120.3
						Italy	12.1	14.7	21.2	17.8	16.5
Algeria	17.2	11.4	9.6	(NA)	(NA)	Japan	3.8	3.6	8.0	4.9	2.6
Argentina	175.5	159.5	100.8	104.5	164.8	Kenya	16.9	8.0	13.8	11.8	20.4
Australia	7.9	9.1	10.2	9.7	11.2	Korea, Republic of	14.4	18.3	28.7	23.3	7.3
Austria	3.6	3.7	6.4	6.8	5.4						
Bangladesh	13.2	12.7	13.2	13.2	9.3	Malaysia	4.9	3.6	6.7	9.7	5.8
Belgium	4.5	4.5	5.7	7.6	8.7	Mexico	17.4	18.2	26.4	27.9	58.9
Bolivia	10.4	19.7	47.2	32.1	123.5	Morocco	9.7	8.4	9.4	12.5	10.5
Brazil	38.7	52.7	82.8	105.5	98.0	Netherlands	4.1	4.2	6.5	6.8	5.9
Burma	–6.1	5.7	.6	.3	5.0	Nigeria	18.7	11.1	11.4	20.8	(NA)
Canada	9.0	9.1	10.2	12.4	10.8	Norway	8.0	4.8	10.8	13.7	11.4
Chile	40.1	33.4	35.1	19.7	9.9	Pakistan	6.7	9.4	11.7	13.8	7.4
Colombia	17.8	24.7	26.5	27.5	24.6	Peru	57.8	66.7	59.2	75.4	64.5
						Philippines	7.6	18.8	17.8	11.8	12.5
Denmark	10.1	9.6	12.3	11.7	10.1	Portugal	22.5	23.8	16.6	20.0	22.8
Dominican Republic	3.5	9.2	16.8	7.5	7.7	Romania	2.0	1.8	1.5	1.8	16.0
Ecuador	11.7	10.3	13.1	16.4	16.1	South Africa	10.2	13.1	13.8	15.2	14.7
Egypt	11.1	9.9	20.7	10.5	14.8						
El Salvador	13.2	15.9	17.4	14.8	11.7	Spain	19.8	15.6	15.6	14.6	14.4
Ethiopia	14.4	16.1	4.5	5.9	5.9	Sri Lanka	12.1	10.8	26.2	17.9	10.8
Finland	7.8	7.5	11.6	12.0	9.3	Sweden	9.9	7.3	13.7	12.1	8.6
France	9.1	10.8	13.3	13.3	12.1	Switzerland	.8	3.6	4.0	6.5	5.7
Germany, Fed. Rep. of	2.7	4.1	5.5	5.9	5.3	Syria	5.1	4.8	19.2	17.9	14.3
Ghana	73.1	54.4	50.1	116.5	22.3	Thailand	7.9	9.9	19.7	12.7	5.3
Greece	12.6	19.0	24.9	24.5	21.0	Tunisia	5.3	7.8	10.0	8.9	13.7
Guatemala	7.9	11.5	10.7	11.4	.4	Turkey	45.3	58.7	110.2	36.6	30.8
						United Kingdom	8.3	13.4	18.0	11.9	8.6
India	2.5	6.4	11.4	13.0	7.9	Venezuela	7.1	12.4	21.6	16.2	9.9
Indonesia	8.1	21.9	18.5	12.2	9.5	Yugoslavia	13.6	21.3	29.9	39.7	32.9
Iran	11.7	10.5	20.7	24.2	18.7	Zaire	48.5	108.6	42.1	34.9	37.2
Ireland	7.6	13.2	18.2	20.5	17.1	Zambia	16.4	9.7	11.7	14.0	12.5

NA Not available.

Source: International Monetary Fund, Washington, D.C., *International Financial Statistics,* monthly, with annual yearbooks.

NO. 1518. CONSUMER PRICE INDEXES FOR SELECTED ITEMS—SELECTED COUNTRIES: 1975 AND 1982

[For percent increases in total consumer prices, see table 812. For explanation of average annual percent change, see Guide to Tabular Presentation]

COUNTRY	INDEXES (1967 = 100)										AVG. ANNUAL PERCENT CHANGE, 1975–1982			
	Total		Food [1]		Clothing		Housing [2]		Transportation		Food [1]	Clothing	Housing [2]	Transportation
	1975	1982	1975	1982	1975	1982	1975	1982	1975	1982				
United States	161.2	289.1	175.4	285.7	142.3	191.8	164.5	314.7	150.6	291.5	7.2	4.4	9.7	9.9
Australia	178.7	360.3	165.8	343.1	184.1	345.8	199.6	396.5	(NA)	(NA)	10.9	9.4	10.3	(NA)
Austria	157.2	229.0	149.4	206.3	141.7	188.2	174.4	271.4	161.4	247.2	4.7	4.1	6.5	6.3
Canada	160.1	303.4	160.1	346.4	136.9	221.0	160.7	307.2	150.3	314.9	9.8	7.1	9.7	11.1
France	178.9	373.1	182.8	378.6	166.2	319.4	180.6	402.3	192.0	431.7	11.0	9.8	12.1	12.3
Germany, F.R	144.1	196.1	135.0	177.1	143.2	196.2	153.7	217.4	151.0	206.1	4.0	4.6	5.1	4.5
Italy	186.9	553.2	185.2	517.7	194.6	594.3	173.6	539.1	207.5	660.8	15.8	17.3	17.6	18.0
Japan	204.5	303.8	220.9	309.0	217.5	310.6	174.3	242.8	170.2	274.6	4.9	5.2	4.8	7.1
Netherlands	175.3	268.7	155.9	220.4	190.6	277.9	173.9	289.6	167.8	253.9	5.1	5.5	7.6	6.1
Sweden	164.3	329.3	169.5	364.5	141.9	219.6	177.0	389.1	(NA)	(NA)	11.6	6.4	11.9	(NA)
United Kingdom	216.5	514.7	243.8	547.3	187.5	314.0	208.7	538.5	224.4	535.9	12.2	7.6	14.5	13.2

NA Not available. [1] Restaurant meals, alcohol, and tobacco are included for some countries; excluded for others. [2] Includes shelter, utilities, and household furnishings and operations. However, actual coverage and measurement methods vary significantly from country to country.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics,* periodic.

No. 1519. Labor Force Participation Rates, by Sex, and Females as Percent of Total Labor Force—Selected Countries: 1960 to 1982

Country	Labor force participation rates [1]										Females as percent of total labor force				
	Female					Male									
	1960	1970	1975	1980	1982	1960	1970	1975	1980	1982	1960	1970	1975	1980	1982
United States	42.6	48.9	53.1	61.3	63.1	91.7	87.1	85.3	87.6	88.1	32.3	36.7	39.1	41.9	42.7
Canada	32.0	43.1	50.0	50.2	51.6	91.7	85.5	86.2	78.3	76.9	25.4	33.3	36.5	40.0	41.1
France	46.4	48.2	50.5	55.6	(NA)	93.8	87.2	84.4	83.4	(NA)	33.4	35.4	37.1	40.1	41.5
Germany, F.R.	49.2	48.1	48.5	49.4	[2] 49.6	94.4	92.5	85.7	81.7	[2] 80.6	37.3	35.9	37.2	38.1	[2] 38.4
Italy	37.1	29.6	30.7	39.2	[2] 40.0	92.2	83.1	81.2	81.2	[2] 81.3	29.5	26.8	28.0	33.4	[2] 33.7
Japan	60.0	55.3	51.7	54.9	55.9	92.2	89.3	89.6	89.0	89.0	40.7	39.3	37.3	38.7	39.0
Sweden	55.0	59.4	67.6	(NA)	[2] 76.3	93.6	88.8	89.2	(NA)	[2] 86.6	36.9	39.5	42.5	45.2	46.3
United Kingdom	46.1	50.5	55.3	59.0	(NA)	98.0	94.8	91.5	89.9	(NA)	32.7	35.3	37.7	39.5	[2] 39.5

NA Not available. [1] Labor force of all ages as percent of population, 15–64 years old. [2] 1981 data.

No. 1520. Labor Force Participation Rates, By Sex and Age-Group—Selected Countries: 1960 and 1982

[Participation rates represent percent of population of each specified group in labor force]

Country	15–19 years old		20–24 years old		25–54 years old		55–64 years old		65 years and over	
	1960	1982	1960	1982	1960	1982	1960	1982	1960	1982
United States: Total	[1] 50.1	[1] 54.9	69.0	78.1	70.8	80.0	60.8	55.1	16.3	11.9
Male	[1] 58.9	[1] 58.1	91.4	86.0	95.7	94.2	84.7	70.2	30.3	17.8
Female	[1] 39.0	[1] 51.6	46.5	70.1	42.8	66.4	37.0	41.8	9.0	7.9
Canada: Total	48.5	52.1	69.5	78.8	63.4	78.7	55.6	52.9	18.1	8.4
Male	50.4	53.7	90.6	84.3	96.3	93.9	87.9	73.7	30.7	13.8
Female	45.1	50.4	49.7	73.1	30.6	63.5	22.7	34.0	6.0	4.2
France: Total	[2] 50.2	19.5	76.5	68.1	70.6	81.0	59.3	47.1	19.1	3.8
Male	[2] 54.9	22.4	90.0	69.1	96.3	95.9	80.3	59.9	31.1	5.9
Female	[2] 45.2	16.7	63.0	67.2	45.1	65.8	40.2	35.5	12.0	2.4
Germany, F.R.: Total	[2] 73.7	[3] 33.2	81.4	[2] 73.9	68.9	[3] 73.4	52.9	[3] 45.5	13.9	[3] 4.1
Male	[2] 74.9	[3] 35.2	90.3	[3] 77.7	96.7	[3] 91.7	83.0	[3] 68.1	23.2	[3] 6.0
Female	[2] 72.4	[3] 31.1	72.0	[3] 69.8	45.1	[3] 54.3	28.2	[3] 29.9	7.9	[3] 2.9
Italy: Total	[4] 56.2	[3 4] 31.1	62.4	[3] 66.3	[5] 62.7	[3 5] 66.5	(NA)	(NA)	[5] 24.4	[3 5] 11.4
Male	[4] 67.1	[3 4] 33.1	77.4	[3] 74.1	[5] 95.2	[3 5] 93.2	(NA)	(NA)	[5] 40.2	[3 5] 19.1
Female	[4] 45.2	[3 4] 29.0	48.0	[3] 58.6	[5] 32.4	[3 5] 40.9	(NA)	(NA)	[5] 11.5	[3 5] 5.3
Japan: Total	50.8	17.7	79.1	70.6	76.0	77.6	66.4	63.1	39.6	25.5
Male	52.7	18.1	87.6	70.2	96.0	97.1	85.6	84.9	56.9	38.5
Female	49.0	17.2	70.8	71.1	57.6	58.1	46.7	45.1	25.6	16.0
Sweden: Total	[1 7] 61.1	[1] 48.5	73.8	82.7	76.2	90.4	64.1	68.1	25.8	8.3
Male	[1 7] 62.5	[1] 48.0	80.4	83.8	96.1	94.9	89.2	77.7	44.4	13.2
Female	[1 7] 59.6	[1] 49.0	66.7	81.5	56.0	85.8	40.3	58.9	10.4	4.1
United Kingdom: Total	65.9	[3] 54.0	78.2	[3] 80.0	68.9	[3] 79.8	60.2	[3] 57.2	12.7	[3] 4.6
Male	71.4	[3] 56.6	93.5	[3] 90.5	98.1	[3] 96.9	97.5	[3] 79.3	24.6	[3] 7.8
Female	60.2	[3] 51.3	62.5	[3] 69.1	40.4	[3] 62.8	28.4	[3] 37.0	5.2	[3] 2.6

NA Not available. [1] Persons 16–19 years old. [2] 1962 data. [3] 1981 data. [4] Persons 14–19 years old. [5] Persons 25–59 years old. [6] Persons 60 years old and over. [7] 1963 data.

Source of tables 1519 and 1520: Organization for Economic Co-operation and Development, Paris, France, unpublished data. Data compiled from national publications.

No. 1521. Labor Force and Unemployment—International Comparisons: 1970 to 1982

[Data on basis of U.S. labor force definitions adopted in 1967 (see text, p. 402) except that *minimum age for population base* varies as follows: United States, France, Sweden, and, beginning 1975, Great Britain, 16 years; Australia, Canada, Japan, Germany, and, for 1970, Great Britain, 15 years; Italy, 14 years]

Country	Civilian labor force (millions)								Percent unemployed							
	1970	1975	1977	1978	1979	1980	1981	1982	1970	1975	1977	1978	1979	1980	1981	1982
United States	82.8	93.8	99.0	102.3	105.0	106.9	108.7	110.2	4.9	8.5	7.1	6.1	5.8	7.1	7.6	9.7
Australia	5.5	6.2	6.4	6.4	6.5	6.7	6.8	6.9	1.6	4.9	5.6	6.3	6.2	6.1	5.8	7.1
Canada	8.4	10.0	10.5	10.9	11.2	11.5	11.8	11.9	5.7	6.9	8.1	8.4	7.5	7.5	7.6	11.0
France	20.8	21.6	22.1	22.3	22.5	22.6	[1] 22.7	[1] 22.9	2.4	4.2	4.9	5.4	6.1	6.5	[1] 7.7	[1] 8.5
Germany, F.R. [2]	26.2	26.1	25.9	26.0	26.2	26.5	[1] 26.6	[1] 26.6	.5	3.4	3.5	3.4	3.0	2.9	[1] 4.1	[1] 5.9
Great Britain	24.5	25.2	25.5	25.6	25.7	25.8	[1] 25.8	[1] 25.7	3.1	4.6	6.3	6.2	5.6	7.0	[1] 10.6	[1] 12.3
Italy	19.6	20.1	20.5	20.6	20.9	21.2	21.4	21.4	2.8	3.0	3.6	3.7	3.9	3.9	4.3	4.8
Japan	50.7	52.5	53.8	54.6	55.2	55.7	56.3	57.0	1.2	1.9	2.0	2.3	2.1	2.0	2.2	2.4
Sweden	3.9	4.1	4.2	4.2	4.3	4.3	4.3	4.4	1.5	1.6	1.8	2.2	2.1	2.0	2.5	3.1

[1] Preliminary estimates based on incomplete data. [2] Federal Republic of Germany. Includes West Berlin.

Source: U.S. Bureau of Labor Statistics, Handbook of Labor Statistics, periodic.

No. 1522. Selected Indexes of Manufacturing Activity—Selected Countries: 1970 to 1982

[1977=100. Minus sign (—) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation]

Year	United States	Canada	Belgium	Denmark	France	Germany [1]	Italy	Japan	Netherlands	Sweden	United Kingdom
Output per hour:											
1970	79.1	77.0	58.8	65.3	70.1	68.2	72.7	61.4	63.0	82.0	80.5
1975	93.4	91.2	85.1	94.4	87.9	89.0	91.1	85.3	85.1	100.5	94.6
1980	101.7	102.3	115.4	109.8	112.6	109.8	116.9	125.4	114.2	114.4	108.1
1981	104.6	103.1	121.8	116.0	114.4	112.8	121.0	126.3	117.2	114.5	114.2
1982 [2]	103.6	100.3	(NA)	119.5	122.3	114.7	122.6	127.6	(NA)	117.9	118.2
Average annual percent change:											
1970–1975	3.4	3.4	7.7	7.6	4.6	5.4	4.6	6.8	6.2	4.2	3.3
1975–1980	1.7	2.3	6.3	3.1	5.1	4.3	5.1	8.0	6.1	2.6	2.7
1980–1982 [2]	.9	—1.0	[3] 5.5	4.3	4.2	2.2	2.4	.9	[3] 2.6	1.5	4.6
Compensation per hour, national currency basis: [4]											
1970	57.6	46.9	34.2	36.3	38.0	46.3	26.1	33.9	38.5	38.5	32.3
1975	85.4	78.9	78.9	81.0	77.0	84.0	70.2	85.4	81.9	77.3	75.8
1980	132.9	129.3	127.4	136.6	146.6	126.7	160.2	120.2	123.0	133.3	172.5
1981	146.5	143.7	137.8	149.3	168.6	136.1	195.6	128.5	128.9	150.2	200.2
1982 [2]	158.9	159.5	(NA)	164.9	199.7	143.4	230.9	132.9	(NA)	160.4	218.3
Average annual percent change:											
1970–1975	8.2	10.9	18.2	17.4	15.1	12.6	21.9	20.3	16.3	14.9	18.6
1975–1980	9.2	10.4	10.1	11.0	13.7	8.6	17.9	7.1	8.5	11.5	17.9
1980–1982 [2]	9.4	11.0	[3] 8.2	9.9	16.7	6.4	20.1	5.1	[3] 4.8	9.7	12.5
Real hourly compensation: [4] [5]											
1970	89.8	77.6	59.7	68.5	69.7	67.0	62.3	68.8	67.6	71.7	81.2
1975	96.2	91.6	92.3	98.1	92.3	90.7	97.7	101.1	95.1	95.9	103.2
1980	97.7	98.8	109.5	100.8	106.9	113.0	101.6	103.2	106.5	101.8	118.7
1981	97.6	97.5	110.0	98.6	108.4	114.7	104.5	105.2	104.5	102.1	123.2
1982 [2]	102.3	97.7	(NA)	98.9	114.8	114.8	106.1	105.8	(NA)	97.3	123.7
Average annual percent change:											
1970–1975	1.4	3.4	9.1	7.4	5.8	6.2	9.4	8.0	7.0	6.0	4.9
1975–1980	.3	1.5	3.5	.5	3.0	4.5	.8	.4	2.3	1.2	2.9
1980–1982 [2]	2.3	—.5	[3] .5	—.9	3.6	.8	2.2	1.3	[3] —1.9	—2.2	2.1
Unit labor costs, national currency:											
1970	72.7	60.9	58.1	55.6	54.3	67.9	36.0	55.2	61.0	47.0	40.1
1975	91.5	86.4	92.8	85.8	87.6	94.4	77.1	100.1	96.2	76.9	80.1
1980	130.6	126.4	110.5	124.3	130.2	115.3	137.0	95.9	107.7	116.6	159.5
1981	140.0	139.3	113.1	128.7	147.4	120.6	161.7	101.7	110.0	131.2	175.3
1982 [2]	153.4	159.1	(NA)	138.0	163.3	125.0	188.4	104.2	(NA)	136.0	184.7
Average annual percent change:											
1970–1975	4.7	7.3	9.8	9.1	10.1	6.8	16.5	12.6	9.5	10.3	14.8
1975–1980	7.4	7.9	3.6	7.7	8.2	4.1	12.2	—.9	2.3	8.7	14.8
1980–1982 [2]	8.4	12.2	[3] 2.4	5.3	12.0	4.1	17.3	4.2	[3] 2.1	8.0	7.6
Unit labor costs, U.S. dollar basis: [6]											
1970	72.7	62.0	41.9	44.5	48.3	43.2	50.6	41.3	41.4	40.5	55.0
1975	91.5	90.3	90.6	89.8	100.6	89.2	104.3	90.4	93.5	82.9	101.9
1980	130.6	114.9	135.5	132.6	151.7	147.5	141.4	113.8	133.1	123.2	212.7
1981	140.0	123.5	109.4	108.8	134.0	124.2	126.2	123.8	108.4	116.4	203.3
1982 [2]	153.4	136.9	(NA)	99.3	122.0	119.5	122.9	112.0	(NA)	96.7	185.1
Average annual percent change:											
1970–1975	4.7	7.8	16.7	15.1	5.8	15.6	15.6	17.0	17.7	15.4	13.1
1975–1980	7.4	4.9	8.4	8.1	8.6	10.6	6.3	4.7	7.3	8.2	15.8
1980–1982 [2]	8.4	9.2	[3] —19.3	—13.5	—10.3	—10.0	—6.8	—.8	[3] —18.6	—11.4	—6.7
Employment:											
1970	98.2	95.0	113.5	113.5	97.6	116.0	94.8	99.5	118.6	103.8	110.3
1975	93.0	101.6	108.5	100.0	101.5	103.3	99.7	99.8	107.1	103.8	102.6
1980	103.3	106.6	91.4	96.2	95.3	100.4	99.7	101.3	95.3	97.4	89.5
1981	102.8	108.6	86.3	93.5	91.8	97.9	97.8	102.2	92.2	94.3	80.6
1982 [2]	96.1	98.6	(NA)	92.9	90.0	94.3	95.6	101.7	(NA)	90.7	75.9
Average annual percent change:											
1970–1975	—1.1	1.4	—.9	—2.5	.8	—2.3	1.0	.1	—2.0	-	—1.4
1975–1980	2.1	1.0	—3.4	—.4	—1.3	—.6	-	.3	—2.3	—1.3	—2.7
1980–1982 [2]	—3.6	—3.8	[3] —5.6	—2.8	—2.6	—3.1	—2.1	.2	[3] —3.3	—3.5	—7.9
Hours:											
1970	97.3	97.7	130.5	125.1	105.4	126.0	107.4	106.4	131.1	114.6	117.6
1975	91.4	101.4	107.6	100.4	102.6	101.6	95.4	96.4	107.7	105.9	101.7
1980	101.8	105.7	89.4	97.6	94.0	97.1	98.7	103.0	94.0	92.3	84.7
1981	101.2	107.0	82.6	92.9	90.0	93.2	94.5	103.2	90.8	86.8	75.0
1982 [2]	93.2	96.6	(NA)	92.5	84.2	89.2	91.6	102.5	(NA)	86.2	71.9
Average annual percent change:											
1970–1975	—1.2	.7	—3.8	—4.3	—.5	—4.2	—2.3	—1.9	—3.8	—1.6	—2.9
1975–1980	2.2	.8	—3.6	—.6	—1.7	—.9	.7	1.3	—2.7	—2.7	—3.6
1980–1982 [2]	—4.3	—4.4	[3] —7.6	—2.6	—5.4	—4.2	—3.7	—.2	[3] —3.4	—3.4	—7.8

— Represents zero. NA Not available. [1] Federal Republic of Germany. Includes West Berlin. [2] Preliminary. [3] 1980–1981. [4] Compensation includes, but real hourly compensation excludes, adjustments for payroll and employment taxes that are not compensation to employees, but are labor costs to employers. [5] Index of hourly compensation divided by the index of consumer prices to adjust for changes in purchasing power. [6] Indexes in national currency adjusted for changes in prevailing exchange rates.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, periodic.

No. 1523. Crude Steel Production, 1975 to 1981, and Consumption, 1975 to 1980

[Production data cover both ingots and steel for castings and exclude wrought (puddled) iron. Consumption data represent apparent consumption (i.e. production plus imports minus exports) and do not take into account changes in stocks]

Country	Production (mil. metric tons)				Consumption: Total (mil. metric tons)				Consumption: Per capita (kilograms)			
	1975	1979	1980	1981	1975	1978	1979	1980	1975	1978	1979	1980
World	**648.2**	**738.5**	**703.5**	**692.1**	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
United States	[1] 105.8	[1] 123.7	[1] 101.5	[1] 109.6	116.8	146.4	140.9	115.6	549	672	640	508
Argentina	2.0	3.1	2.6	2.4	4.3	3.5	4.1	3.8	168	131	154	140
Australia	[2] 7.9	[2] 7.5	[2] 7.9	[2] 8.0	6.3	5.1	5.8	6.1	467	358	402	416
Austria	4.1	4.9	4.6	4.7	2.2	2.7	2.7	2.7	286	362	359	354
Bangladesh	.1	.1	.1	.1	.1	.1	.2	.3	1	2	3	3
Belgium	11.6	13.5	12.3	12.3	[3] 3.2	[3] 4.1	[3] 3.8	[3] 3.2	[3] 314	[3] 402	[3] 376	[3] 324
Brazil	7.8	10.0	10.2	8.4	11.2	12.9	14.5	16.2	106	112	122	132
Bulgaria	2.3	2.5	2.6	2.5	2.2	2.4	2.7	2.8	252	277	305	312
Canada	13.0	16.1	15.9	14.8	13.2	13.5	15.0	12.9	577	575	635	541
China: Mainland	23.9	34.5	37.1	35.6	31.7	42.7	44.5	43.3	38	46	47	45
Czechoslovakia	14.3	14.8	15.2	15.3	10.8	11.5	11.0	11.2	733	756	720	729
France	21.5	23.4	23.2	21.3	18.5	19.5	21.1	20.0	350	367	395	373
German Dem. Rep	6.5	7.0	7.3	7.5	9.5	10.1	9.9	9.8	566	605	591	583
Germany, Fed. Rep. of	40.4	46.0	43.8	41.6	30.3	32.3	36.9	33.8	489	526	602	549
Greece	[4] 1.0	[4] 1.0	[4] 1.0	[4] 1.0	1.3	1.6	1.6	2.0	143	167	167	(NA)
India	7.9	10.0	9.4	10.7	8.5	10.1	11.1	(NA)	14	16	18	(NA)
Indonesia	(NA)	(NA)	(NA)	(NA)	1.4	1.4	1.3	1.9	11	9	9	13
Italy	21.8	24.3	26.5	25.0	17.8	18.8	22.7	26.1	318	332	400	458
Japan	102.3	111.7	111.4	101.7	64.7	61.5	73.2	73.4	580	535	637	629
Korea, Dem. Peo. Rep	[4] 2.9	[4] 3.4	[4] 3.5	[4] 3.5	3.4	3.2	5.4	5.9	213	189	311	326
Korea, Rep. of	2.0	5.2	5.7	5.9	3.1	8.4	10.7	10.9	88	226	284	286
Mexico	5.2	7.0	7.0	7.4	6.2	9.3	9.0	10.6	103	139	130	147
Netherlands	4.8	5.8	5.0	4.3	4.5	4.9	4.3	4.6	332	355	308	328
Nigeria	(NA)	(Z)	(Z)	(Z)	1.4	1.4	.9	1.9	22	19	13	25
Pakistan	(NA)	(NA)	(NA)	(NA)	.5	.6	.8	.6	7	8	10	8
Philippines	(NA)	(NA)	(NA)	(NA)	1.0	1.6	1.6	1.3	22	34	34	27
Poland	14.6	19.5	18.6	15.1	17.8	19.7	19.3	18.8	524	561	545	527
Romania	9.5	12.9	13.2	13.0	9.8	11.5	12.4	12.1	464	528	563	544
South Africa	6.6	8.8	9.0	9.0	7.5	5.1	5.9	6.7	263	169	189	211
Soviet Union	150.4	149.1	147.9	148.4	141.0	[5] 145.6	(NA)	(NA)	554	[5] 567	(NA)	(NA)
Spain	11.1	12.3	12.6	12.9	10.9	6.9	7.9	8.7	306	186	214	233
Sweden	5.6	4.6	4.2	3.8	6.3	3.9	4.4	4.1	773	468	528	497
Turkey	[4] 1.5	[4] 1.8	[4] 1.7	[4] 1.5	3.1	3.5	3.1	(NA)	80	81	69	(NA)
United Kingdom	20.1	21.5	11.3	15.6	21.5	20.0	20.5	13.8	385	359	368	247
Venezuela	.9	1.5	1.8	1.8	2.4	2.9	3.0	3.4	196	222	220	242
Vietnam	(NA)	(NA)	(NA)	(NA)	.2	.5	.2	1.4	5	10	4	26
Yugoslavia	2.9	3.5	2.3	2.3	5.3	5.4	5.5	5.7	248	246	250	254

NA Not available. Z Less than 50,000 metric tons. [1] Excludes steel for castings made in foundries operated by companies not producing ingots. [2] Year ending June 30. [3] Luxembourg included with Belgium. [4] Data from U.S. Bureau of *Mines*. [5] *For 1976.*

No. 1524. Iron Ore Production: 1975 to 1981

[**In million metric tons.** Data refer generally to iron content of iron ores and concentrates and all other iron-bearing ores and concentrates intended for treatment for iron recovery]

Country	1975	1979	1980	1981
World	**520.6**	**530.3**	**536.3**	**498.2**
United States [1]	49.0	54.5	44.6	47.3
Australia [2]	60.9	53.2	61.3	59.1
Austria	1.2	1.0	1.0	.9
Brazil	73.6	79.9	95.0	64.9
Bulgaria	.8	.7	.6	.5
Canada [3]	27.6	36.7	30.2	30.7
China: Mainland [4]	30.0	37.5	37.5	35.1
Czechoslovakia	.5	.5	.5	.5
Finland	.4	.8	.8	.8
France	15.3	9.8	9.1	6.8
Germany, Fed. Rep.	1.1	.5	.6	.5
Greece	.8	.8	.6	.6
India	26.1	25.1	26.4	26.0
Italy	.3	.1	.1	.1
Japan [5]	.4	.4	.3	.3
Korea, Dem. Peo. Rep. [4]	2.7	3.1	3.3	3.3
Korea, Rep. of	.3	.3	.3	.3
Liberia	13.5	12.9	12.0	12.2
Mauritania [4]	5.6	5.8	5.3	5.2
Mexico	3.4	4.0	5.1	5.3
Philippines	.8	(Z)	-	(Z)
Romania	.8	.6	.6	.6
South Africa	7.6	19.8	16.5	17.7
Soviet Union	127.9	131.5	132.9	131.1
Spain	4.3	4.0	4.4	3.8
Sweden	20.9	17.0	17.4	14.8
Turkey	1.3	1.1	1.4	1.6
United Kingdom	1.2	1.1	.2	.2
Venezuela	15.4	9.5	10.0	9.7
Yugoslavia	1.9	1.6	1.4	1.5

- Represents zero. Z Less than 50,000 metric tons. [1] Includes metal content of by-product ore. [2] Year ending June 30. [3] Represents shipments. [4] Data from U.S. Bureau of Mines. [5] Includes iron content of iron sand and pyrites.

Source of tables 1523 and 1524: Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook* and *Yearbook of Industrial Statistics*, vol. II. (Copyright.)

No. 1525. Primary Energy Production by Source of Energy and Region: 1960 to 1980

[In millions of metric tons of coal equivalent. See text, p. 854, for general comments concerning the data]

Source of energy and year	World total	Africa	United States and Canada	Other Western Hemisphere	Middle East	Other Asia	Western Europe	Eastern Europe	Soviet Union	Oceania
Total primary energy:										
1960	4,243	60	1,492	312	388	471	532	962		26
1965	5,363	208	1,811	399	618	433	545	1,313		36
1970	7,068	486	2,309	459	1,046	551	532	1,623		63
1975	8,110	437	2,225	416	1,484	793	625	2,032		99
1978	9,034	565	2,231	475	1,605	1,009	717	492	1,823	117
1979	9,470	623	2,353	528	1,643	1,042	777	498	1,885	120
1980	9,338	601	2,370	566	1,413	1,043	792	493	1,939	121
Coal and lignite:										
1960	1,974	39	389	7	4	406	465	640		25
1965	2,076	48	466	8	5	342	449	724		33
1970	2,179	54	526	8	7	391	357	791		46
1975	2,331	62	535	11	9	485	307	862		60
1978	2,476	77	517	14	10	591	288	386	523	70
1979	2,614	91	607	15	13	603	292	397	522	73
1980	2,654	97	649	15	11	600	302	390	515	73
Crude petroleum: [1]										
1960	1,587	20	596	285	380	47	23	236		(Z)
1965	2,277	156	690	354	606	62	32	377		(Z)
1970	3,423	427	878	398	1,017	121	29	541		12
1975	3,978	356	801	334	1,433	238	42	744		29
1978	4,526	449	810	371	1,553	321	128	29	832	33
1979	4,715	496	816	411	1,583	330	167	27	853	32
1980	4,506	463	815	437	1,353	325	179	26	878	30
Natural gas:										
1960	597	(Z)	476	15	3	6	16	79		(NA)
1965	893	3	616	30	6	11	26	200		(Z)
1970	1,312	3	852	42	21	18	99	274		2
1975	1,578	14	802	53	41	41	215	405		6
1978	1,756	32	802	68	40	63	227	73	442	10
1979	1,854	29	830	78	45	69	240	69	483	11
1980	1,879	33	806	87	47	75	232	70	516	13
Hydro and nuclear electricity: [2]										
1960	85	1	31	4	(Z)	11	29	7		1
1965	116	2	39	6	(Z)	17	39	11		2
1970	154	3	53	10	1	21	47	17		3
1975	223	5	85	16	1	29	62	21		4
1978	274	6	102	22	2	34	74	5	26	4
1979	282	7	101	24	2	39	78	5	27	4
1980	300	7	101	27	2	43	79	6	30	4

NA Not available. Z Less than 500,000. [1] Includes natural gas liquids. [2] Includes geothermal.

Source: Statistical Office of the United Nations, New York, N.Y., *1980 Yearbook of World Energy Statistics*. (Copyright.)

No. 1526. Energy Consumption, 1970 and 1981, and Energy Production, 1970 and 1980, by Country

[Metric ton = 1.1023 short tons. See text, p. 854, for general comments about the data. For additional data qualifications for countries, see source]

Country	Energy consumed [1] (coal equiv.) Total (mil. metric tons)		Energy consumed [1] (coal equiv.) Per capita (kilograms)		Electric energy production [2] (bil. kWh)		Crude petroleum production [3] (mil. metric tons)		Coal production [4] (mil. metric tons)	
	1970	1981	1970	1981	1970	1980	1970	1980	1970	1980
World, total	**6,446.3**	**8,493.4**	**1,762**	**1,893**	**4,923**	**8,239**	**2,277**	**2,986**	**2,143**	**2,733**
United States	2,216.9	2,344.8	10,811	10,204	[5] 1,640	[5] 2,356	475.3	424.0	550.4	714.5
Algeria	4.6	28.0	316	1,429	2.0	6.2	49.0	54.9	(Z)	(Z)
Argentina	37.9	48.3	1,595	1,718	21.7	40.6	20.0	25.3	.6	.4
Australia	60.6	89.4	4,843	5,987	[6] 53.9	95.9	[7] 8.5	18.9	45.2	75.6
Austria	24.4	30.2	3,283	4,020	30.0	42.0	2.8	1.5	–	–
Bahrain	.6	5.3	2,698	16,543	[8] .2	1.3	3.8	2.4	(NA)	(NA)
Bangladesh	(NA)	4.2	(NA)	46	(NA)	2.6	(NA)	[9] (Z)	(X)	(X)
Belgium	54.1	52.5	5,603	5,329	30.5	53.6	(X)	(X)	11.4	6.3
Brazil	41.7	92.0	450	757	[5] 45.5	[5] 137.4	8.0	8.8	2.4	5.2
Bulgaria	32.1	47.7	3,775	5,261	19.5	34.8	.3	[9] .3	.4	.3
Burma	1.6	2.3	59	63	.6	1.4	.8	[9] 1.7	(Z)	(Z)
Canada	188.8	243.8	8,852	10,070	[5] 204.7	[5] 366.7	60.4	70.4	11.6	20.2
Chile	10.8	10.4	1,152	925	7.6	11.5	1.5	1.5	1.4	1.0
China: Mainland	297.8	571.8	367	578	[6] 107.0	[5] 300.6	23.9	106.0	[10] [11] 360.0	594.0
Taiwan [12]	[13] 37.9	[13] 36.1	[13] 2,127	[13] 1,992	14.0	42.0	(NA)	(NA)	4.5	2.6
Colombia	12.0	20.9	586	752	8.6	20.6	11.3	[9] 6.5	2.3	5.0
Cuba	8.5	13.5	997	1,382	4.9	9.8	.2	[9] .3	(X)	(X)
Czechoslovakia	77.4	98.1	5,403	6,403	45.2	74.1	.2	.1	[14] 28.2	[14] 28.2

See footnotes at end of table.

No. 1526. Energy Consumption, 1970 and 1981, and Energy Production, 1970 and 1980, by Country—Continued

[Metric ton=1.1023 short tons. See text, p. 854, for general comments about the data. For additional data qualifications for countries, see source]

Country	Energy consumed [1] (coal equiv.) Total (mil. metric tons)		Energy consumed [1] (coal equiv.) Per capita (kilograms)		Electric energy production [2] (bil. kWh)		Crude petroleum production [3] (mil. metric tons)		Coal production [4] (mil. metric tons)	
	1970	1981	1970	1981	1970	1980	1970	1980	1970	1980
Denmark	26.8	29.0	5,442	5,653	20.0	25.4	–	.3	(X)	(X)
Ecuador	1.7	5.4	282	630	.9	3.2	.2	10.4	(NA)	(NA)
Egypt	8.7	*22.4*	*260*	*516*	*7.6*	18.5	16.4	29.4	(X)	(X)
Ethiopia	.7	.8	27	26	[15].5	.7	(X)	(X)	(NA)	(NA)
Finland	18.7	22.9	4,068	4,761	[5]21.2	[5]*38.6*	(X)	(X)	(X)	(X)
France [16]	193.3	220.3	3,806	4,081	147.0	257.8	2.3	1.4	[14]37.8	[14]19.1
German Dem. Rep.	104.5	124.0	6,128	7,409	67.7	98.8	.1	[9].1	1.0	–
Germany, Fed. Rep.	313.9	346.2	5,170	5,614	242.6	368.8	7.5	4.6	[17]116.3	94.5
Greece	9.7	19.5	1,108	2,013	9.8	22.4	(NA)	(NA)	(X)	(X)
Hong Kong	3.8	7.7	952	1,487	[5]5.1	[5]12.6	(NA)	(NA)	(X)	(X)
Hungary	29.1	40.8	2,815	3,809	14.5	23.9	1.9	2.0	[14]4.2	[14]3.1
India	76.4	136.2	142	199	[18]61.2	116.3	6.8	9.4	73.7	109.1
Indonesia	13.8	36.4	116	242	2.3	7.1	42.6	77.6	.2	.3
Iran	*27.2*	*34.4*	*947*	*874*	7.0	17.2	191.3	77.9	[10 19].5	.9
Iraq	5.7	8.0	603	595	2.8	8.0	[20]76.5	133.0	(NA)	.3
Ireland	7.6	11.0	2,588	3,206	[18]6.1	10.9	(X)	(X)	.2	.1
Israel	6.4	8.9	2,139	2,255	6.9	12.5	[21]5.0	(Z)	(X)	(X)
Italy	[22]142.0	[22]187.3	[22]2,646	[22]3,273	[22]117.4	[22]186.3	1.4	1.8	.3	–
Japan	317.4	420.6	3,098	3,575	[18]359.5	612.0	.8	.4	[23]39.7	18.0
Korea, Dem. Peo. Rep.	28.5	48.8	2,050	2,666	[5]16.5	[5]35.0	(X)	(X)	[10]21.8	36.0
Korea, Republic of	20.9	54.8	648	1,416	9.6	40.0	(X)	(X)	12.4	18.6
Kuwait	[24]3.6	[24]6.7	[24]4,847	[24]4,548	[24]2.7	[24]9.3	[24]150.6	[24]80.5	(NA)	(NA)
Libya	1.3	6.6	672	2,134	[5].4	[5]3.1	159.8	86.5	(NA)	(NA)
Malaysia	6.0	14.2	574	987	3.5	9.0	.9	13.2	(X)	(X)
Mexico	53.1	125.7	1,048	1,687	[5]28.7	[5]64.2	21.5	99.9	3.0	7.4
Morocco	2.9	7.0	187	339	1.9	4.8	(Z)	[9](Z)	.4	.7
Netherlands	*59.6*	*80.5*	*4,589*	*5,652*	*40.9*	64.8	1.9	1.3	4.3	–
Nigeria	2.7	17.5	49	220	1.6	5.0	54.2	104.2	.1	.2
Norway	17.6	24.4	4,546	5,950	57.6	84.0	–	24.4	.5	.3
Pakistan	[25]10.6	18.7	[25]82	221	[6 26]8.7	16.1	.5	.5	[6 11]1.3	1.8
Peru	8.0	10.9	596	595	5.5	9.8	3.6	9.6	.2	(Z)
Philippines	10.0	17.5	272	353	8.7	18.0	–	.5	(Z)	.3
Poland	116.3	161.8	3,574	4,507	64.5	121.9	.4	.3	140.1	193.1
Portugal	6.4	12.4	706	1,250	7.5	15.0	(X)	(X)	.3	.2
Romania	61.0	99.3	3,013	4,420	35.1	67.5	13.4	11.5	6.4	8.1
Saudi Arabia	[24]2.7	[24]15.7	[24]432	[24]1,680	[24]1.1	[24]9.0	[24]188.4	[24]488.7	(NA)	(NA)
South Africa [26]	56.9	91.7	2,250	2,694	50.8	95.8	(X)	(X)	54.6	115.0
Soviet Union	998.7	1,535.9	4,114	5,738	740.9	1,295.0	[7]359.0	603.0	432.7	493.0
Spain	49.6	90.3	1,467	2,397	56.5	110.2	.2	1.6	[14]10.6	[14]13.1
Sudan	2.1	1.7	148	89	.4	1.0	(X)	(X)	(NA)	(NA)
Sweden	46.4	42.9	5,769	5,156	60.6	96.3	(NA)	(Z)	(Z)	(Z)
Switzerland	[27]20.2	[27]22.7	[27]3,211	[27]3,488	[5 27]33.2	[5 27]48.2	(X)	(X)	(X)	(X)
Syria	2.4	7.8	386	836	.9	3.4	4.2	[9]8.6	(NA)	(NA)
Tanzania	.8	.9	57	48	.5	.7	(X)	(X)	(Z)	(Z)
Thailand	6.7	16.0	183	333	4.5	15.0	[10](Z)	[9](Z)	(X)	(X)
Trinidad and Tobago	4.5	6.6	4,398	5,601	1.2	1.8	7.2	11.0	(NA)	(NA)
Tunisia	1.5	4.3	288	662	.8	2.8	4.2	5.6	(X)	(X)
Turkey	16.8	32.5	476	702	8.6	23.3	3.5	2.3	4.6	3.6
United Arab Emirates	.6	5.8	2,476	7,558	[6 28].1	[5]4.5	37.7	83.6	(NA)	(NA)
United Kingdom	271.3	259.1	4,895	4,641	249.0	285.1	.1	78.8	[14]147.1	[14]130.0
Venezuela	24.6	45.1	2,392	3,153	12.7	31.0	194.3	114.4	(Z)	(Z)
Vietnam	12.6	8.1	300	148	2.1	3.9	(NA)	(NA)	3.0	6.3
Yugoslavia	28.7	51.6	1,408	2,290	26.0	58.9	2.9	4.2	.6	.4
Zaire	1.5	2.0	68	74	3.2	4.4	–	1.0	.1	.1
Zambia	1.6	2.2	380	373	[5].9	[5]8.9	(X)	(X)	.6	.6

– Represents zero. NA Not available. X Not applicable. Z Less than 50,000 metric tons. [1] Based on apparent consumption of coal, lignite, petroleum products, natural gas, and hydro and nuclear electricity. [2] Comprises production by utilities generating primarily for public use, and production by industrial establishments generating primarily for own use. Relates to production at generating centers, including station use and transmission losses. [3] Includes shale oil, but excludes natural gasoline. [4] Excludes lignite and brown coal, except as noted. [5] Net production, i.e. excluding station use. [6] Year ending June 30. [7] Includes gas condensates. [8] Excludes production by industrial establishments for own use. [9] United Nations Statistical Office estimate. [10] Data from U.S. Bureau of Mines. [11] Includes lignite and brown coal. [12] Source: U.S. Bureau of the Census. Data from Republic of China publications. [13] Estimated on the basis of the conversion coefficients in the U.N. *Statistical Yearbook*. [14] Includes slurries. [15] Year ending Sept. 10. [16] Includes Monaco. [17] Includes low grade coal at its hard-coal equivalent. [18] Year beginning April. [19] Year beginning March 21. [20] Data from Organization of Petroleum Exporting Countries. [21] Includes estimated production in the occupied Sinai Peninsula (1970, 4.9 million metric tons). [22] Includes San Marino. [23] Includes brown coal. [24] Includes share of production and consumption in the Neutral Zone. [25] Includes Bangladesh. [26] Includes Botswana, Lesotho, Namibia, and Swaziland. [27] Includes Liechtenstein. [28] Abu Dhabi only.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook* (copyright); and *1980 Yearbook of World Energy Statistics* (copyright.)

No. 1527. Wheat, Rice, and Corn Production, by Country: 1979 to 1981

[In thousands of metric tons. Rice data cover rough and paddy. Data for each country pertain to the calendar year in which all or most of the crop was harvested. See text, p. 854, for general comments concerning quality of the data]

Country	Wheat			Rice			Corn		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
World, total	**428,777**	**444,603**	**458,195**	**377,394**	**397,597**	**413,785**	**418,357**	**394,056**	**451,704**
United States	58,081	64,619	76,026	5,985	6,629	8,408	201,655	168,787	208,314
Afghanistan	2,663	2,700	3,000	439	461	475	760	797	798
Argentina	8,100	7,780	8,100	312	266	286	8,700	6,400	13,500
Australia	16,188	10,870	16,400	692	613	761	169	151	118
Austria	850	1,201	1,025	(NA)	(NA)	(NA)	1,347	1,293	1,374
Bangladesh	494	823	1,093	19,599	20,822	20,000	1	1	[1] 1
Belgium	[2] 1,015	[2] 906	[2] 943	(NA)	(NA)	(NA)	[2] 37	[2] 39	[2] 25
Brazil	2,927	2,708	2,207	7,595	9,746	8,261	16,306	20,374	21,098
Bulgaria	3,355	3,847	4,429	73	67	71	3,223	2,256	2,477
Burma	41	74	[1] 80	10,448	13,107	14,636	102	100	[1] 100
Canada	17,185	19,157	24,519	(NA)	(NA)	(NA)	4,983	5,434	6,214
Chile	995	966	686	181	95	100	489	405	518
China: Mainland [1]	62,733	54,158	57,003	146,959	142,338	146,087	60,149	61,105	61,601
Colombia	42	46	62	1,932	1,798	1,799	870	813	880
Cuba	(NA)	(NA)	(NA)	425	478	[1] 518	[1] 95	[1] 95	[1] 95
Czechoslovakia	3,736	5,386	[1] 4,400	(NA)	(NA)	(NA)	949	745	800
Denmark	590	652	792	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Ecuador	31	31	41	318	381	402	218	242	246
Egypt	1,856	1,796	1,850	2,517	2,350	2,500	2,938	3,231	2,700
Ethiopia	449	469	491	(NA)	(NA)	(NA)	1,067	1,144	[1] 1,100
Finland	208	357	235	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
France	19,522	23,683	22,782	24	24	21	10,413	9,358	9,100
German Dem. Rep	3,116	3,098	[1] 3,000	(NA)	(NA)	(NA)	6	4	[1] 2
Germany, Fed. Rep	8,061	8,156	8,314	(NA)	(NA)	(NA)	741	672	832
Greece	2,407	2,951	2,750	87	80	74	711	1,158	1,250
Hungary	3,709	6,077	[1] 4,800	41	24	[1] 35	7,396	6,673	6,500
India	35,508	31,830	36,460	63,476	79,930	[1] 82,000	5,603	6,804	[1] 7,000
Indonesia	(NA)	(NA)	(NA)	26,283	29,774	33,000	3,606	4,012	3,991
Iran	5,500	5,700	5,800	1,420	1,212	1,400	57	[1] 60	[1] 50
Iraq	1,492	1,300	1,100	284	[1] 250	[1] 250	[1] 100	[1] 90	[1] 90
Ireland	245	235	240	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Israel	133	253	215	(NA)	(NA)	(NA)	11	14	[1] 15
Italy	8,980	9,150	8,921	1,107	950	931	6,197	6,403	7,250
Japan	541	583	612	14,948	12,189	12,924	5	4	3
Kampuchea	(NA)	(NA)	(NA)	850	[1] 1,000	1,160	[1] 70	[1] 100	[1] 98
Korea, Dem. Peo. Rep. [1]	370	380	400	4,800	4,800	4,900	[1] 1,950	[1] 2,200	[1] 2,200
Korea, Republic of	42	92	57	7,881	5,311	7,032	149	154	145
Laos	(NA)	(NA)	(NA)	867	1,053	[1] 1,155	32	28	33
Madagascar	([3])	([3])	([3])	2,045	2,109	1,999	116	127	126
Malaysia	(NA)	(NA)	(NA)	2,095	2,171	2,147	8	8	8
Mexico	2,339	2,785	3,189	500	456	644	8,124	12,383	14,766
Nepal	415	440	477	2,060	2,464	2,407	554	743	[1] 720
Netherlands	836	882	882	(NA)	(NA)	(NA)	2	2	2
New Zealand	295	306	373	(NA)	(NA)	(NA)	179	156	177
Pakistan	9,950	10,805	11,340	4,824	4,679	5,093	875	947	1,004
Panama	(NA)	(NA)	(NA)	170	156	192	63	63	68
Peru	102	77	117	560	420	684	621	443	628
Philippines	(NA)	(NA)	(NA)	7,504	7,840	7,720	3,167	3,117	3,176
Poland	4,187	4,175	4,229	(NA)	(NA)	(NA)	181	58	79
Portugal	252	430	310	145	155	112	506	534	417
Romania	4,676	6,427	[1] 5,800	60	39	65	12,425	11,153	[1] 11,200
South Africa	2,086	1,470	2,090	[1] 3	[1] 3	[1] 3	8,240	10,790	14,650
Soviet Union	90,207	98,185	[1] 88,000	2,394	2,791	[1] 2,400	8,373	9,454	[1] 8,000
Spain	4,101	5,849	3,356	421	433	441	2,205	2,208	2,151
Sri Lanka	(NA)	(NA)	(NA)	1,917	2,133	2,020	22	23	[1] 25
Sweden	1,030	1,193	1,034	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Switzerland	423	394	391	(NA)	(NA)	(NA)	134	91	117
Syria	1,319	2,226	2,086	(NA)	(NA)	(NA)	34	47	89
Thailand	(NA)	(NA)	(NA)	15,758	17,366	19,000	3,300	3,150	3,700
Turkey	17,569	16,554	17,040	363	234	290	1,350	1,240	1,100
United Kingdom	7,168	8,470	8,465	(NA)	(NA)	(NA)	1	1	[1] 1
Uruguay	430	307	400	248	290	326	71	119	196
Venezuela	1	1	1	653	712	708	848	662	486
Vietnam	(NA)	(NA)	(NA)	10,758	11,679	12,570	475	418	[1] 540
Yugoslavia	4,512	5,091	4,270	34	42	[1] 40	10,084	9,317	9,800

NA Not available. [1] FAO estimate. [2] Includes Luxembourg. [3] None or negligible.

Source: Food and Agriculture Organization of the United Nations, Rome, Italy, *1981 FAO Production Yearbook*, vol. 35, (copyright).

No. 1528. Wheat, Rice and Corn—Exports and Imports of 10 Leading Countries: 1975 to 1981

[In thousands of metric tons. Countries listed are the ten leading exporters or importers in 1981]

Leading exporters	Exports			Leading importers	Imports		
	1975	1980	1981		1975	1980	1981
WHEAT				**WHEAT**			
United States	30,967	35,756	43,909	Soviet Union	9,146	14,700	16,500
Canada	11,065	16,760	15,472	China: Mainland	3,893	12,255	13,038
France	6,281	9,889	12,785	Japan	5,654	5,662	5,633
Australia	7,860	14,876	10,552	Brazil	2,098	4,755	4,360
Argentina	1,758	4,495	3,758	Egypt	2,681	4,417	3,949
Soviet Union	2,681	1,270	1,600	Poland	1,477	3,466	3,448
United Kingdom	217	1,057	1,450	Italy	1,613	3,134	3,016
Hungary	952	814	1,298	Morocco	1,352	1,652	2,368
Netherlands	1,537	525	626	Iran	1,440	1,330	2,060
Spain	–	45	538	Korea, Rep. of	1,519	1,868	1,957
RICE				**RICE**			
Thailand	951	2,797	3,138	Korea, Rep. of	483	899	2,585
United States	2,139	3,054	3,133	Soviet Union	279	694	1,283
Pakistan	478	1,087	1,244	Nigeria	7	400	600
India	18	575	953	Indonesia	693	2,012	538
Japan	11	689	855	Iran	286	470	500
Burma	286	653	700	Saudi Arabia	69	356	427
China: Mainland	1,968	1,311	692	Hong Kong	344	359	360
Italy	439	577	572	Iraq	151	345	350
Korea, Dem. Peo. Rep	340	300	300	Malaysia	165	168	342
Australia	174	457	281	Senegal	102	279	321
CORN				**CORN**			
United States	33,503	63,152	54,856	Soviet Union	5,548	10,000	14,630
Argentina	3,887	3,481	9,112	Japan	7,470	12,830	13,590
South Africa	3,218	3,317	4,400	Spain	4,182	4,532	4,830
Thailand	2,072	2,175	2,549	China: Mainland	1,538	4,405	3,261
France	2,552	3,181	2,355	Korea, Rep. of	541	2,351	3,051
Belgium-Luxembourg	232	1,357	1,486	Mexico	2,637	3,713	2,844
Canada	17	771	1,207	Portugal	1,221	2,624	2,644
Romania	458	1,000	1,000	Netherlands	5,236	3,010	2,622
Netherlands	2,553	490	459	Belgium-Luxembourg	1,468	2,570	2,576
Yugoslavia	52	273	220	Italy	4,499	2,931	2,556

– Represents zero.

Source: U.S. Dept. of Agriculture, Economic Research Service. Data from Food and Agriculture Organization of the United Nations, Rome, Italy, *FAO Trade Yearbook.*

No. 1529. Meat—Production, by Country: 1979 to 1981

[In thousands of metric tons. Covers beef and veal (incl. buffalo meat), pork (incl. bacon and ham), and mutton and lamb (incl. goat meat). Refers to meat from animals slaughtered within the national boundaries irrespective of origin of animals, and relates to commercial and farm slaughter. In terms of carcass weight. Excludes lard, tallow, and edible offals. See text, p. 854, for general comments concerning the data]

Country	1979	1980	1981 (est.)	Country	1979	1980	1981 (est.)
World, total	**107,906**	**109,528**	**110,079**	India	628	654	688
				Indonesia	306	316	326
United States	17,066	17,680	17,703	Iran	446	459	477
				Italy	2,207	2,305	2,298
Argentina	3,486	3,267	3,377	Japan	1,832	1,893	1,866
Australia	[1] 2,708	[1] 2,332	[1] 2,303	Kenya	232	234	253
Belgium [2]	952	985	1,004	Mexico	1,015	1,127	1,127
Brazil	3,066	3,135	3,282	Netherlands	1,528	1,565	1,651
Canada	1,700	1,852	1,886	Nigeria	447	459	471
China: Mainland	18,451	19,364	19,512	Pakistan	628	657	689
Czechoslovakia	1,183	1,210	1,227	Poland	2,549	2,433	1,865
Denmark	1,153	1,218	1,236	Romania	1,346	1,359	1,387
France	3,840	3,880	3,907	Soviet Union	13,218	12,619	12,797
German Dem. Rep	1,549	1,612	1,741	Spain	1,465	1,545	1,580
Germany, Fed. Rep. of	4,194	4,283	4,251	United Kingdom	2,222	2,310	2,233
Hungary	1,029	1,065	1,052	Yugoslavia	1,145	1,103	1,135

[1] Year ending June 30. [2] Includes Luxembourg.

Source: Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook.* (Copyright.)

No. 1530. Foreign Trade and Transportation—Shipping, Railways, Aviation, and Motor Vehicles, by Country

[See text, p. 854, for general comments about the data. Statistical coverage of all these items varies considerably among countries; for details, see source]

Country	Foreign trade,[1] 1982		Shipping			Rail traffic,[4] 1982		Civil aviation, kilometers flown,[5] 1980 (mil.)	Motor vehicles in use,[6] 1980 (1,000)
	Imports (mil. dol.)	Exports (mil. dol.)	Merchant shipping fleets,[2] 1982 (1,000 gross tons)	Freight,[3] 1978 (mil. metric tons) Loaded	Freight,[3] 1978 (mil. metric tons) Unloaded	Passenger-kilometers (mil.)	Freight, net-ton kilometers (mil.)		
World, total	[7] **1,914,490**	[7] **1,839,140**	**424,742**	(NA)	(NA)	(NA)	(NA)	[8] **9,440**	**403,760**
United States	[9 10] 254,884	[9 10] 212,275	[11] 19,111	[12 13 14] 275.0	[12 13 14] 549.3	[15 16] 17,695	[15 16] 1,341,717	4,413.4	151,869
Algeria	[15] 10,811	[15] 13,656	1,365	49.8	13.5	[17] 1,506	[18] 2,016	27.9	[19] 441
Angola	[20] 680	[20] 666	90	[21] 10.0	[21] 4.0	[21] 418	[21] 5,461	8.4	[22 23] 153
Argentina	[24] 9,485	[24] 9,151	2,256	[25] 23.4	8.4	10,153	11,472	93.8	[21] 2,907
Australia	[26] 24,122	21,994	1,875	[27] 166.3	[27] 26.7	(NA)	[24 27] 36,468	339.6	[18 23 28] 8,527
Austria	19,557	15,685	101	(NA)	(NA)	[24] 7,246	[24] 10,318	22.0	[23 29] 2,773
Belgium	[30] 58,052	[30] 52,394	2,271	[31 32] 37.7	[31 32] 58.7	6,879	6,774	54.8	3,477
Brazil	[24] 24,007	[24] 22,743	5,678	[25] 87.5	[25] 69.8	[24] 13,133	[24 33] 79,269	203.4	[18] 8,699
Bulgaria	[15 25] 9,650	[15] 10,372	1,248	3.5	15.7	[33] 7,092	[33] 18,276	12.7	(NA)
Canada	[26] 54,824	68,393	[11] 3,213	[13] 116.5	[13] 61.8	[33] 1,608	[34] 200,844	339.4	[23] 13,211
Chile	3,831	3,822	495	[25 31] 12.2	[25 31] 8.5	1,506	1,773	24.7	[23 28] 693
China:									
Mainland	[24] 21,566	[24] 21,560	8,057	(NA)	(NA)	[24] 146,987	[24] 570,134	46.5	1,674
Taiwan	[24 34] 21,200	22,611	1,870	11.3	46.6	7,947	2,393	35.0	803
Colombia	[24] 5,181	[24] 3,190	314	[25] 2.7	[25] 4.0	[24] 230	[24 33] 625	44.8	[17 35] 558
Cuba	[15] 6,223	[15] 5,475	949	8.5	14.4	2,073	2,550	14.7	[36] 153
Czechoslovakia	[26] 18,724	18,443	185	(NA)	(NA)	19,043	71,585	24.7	2,615
Denmark	16,859	15,280	5,214	8.2	34.5	[24 37] 4,003	[24 37 38] 1,574	33.0	[23] 1,665
Dominican Republic	[10 26] 1,248	[10] 768	35	[39] 2.7	3.1	(NA)	(NA)	(NA)	130
Ecuador	[15] 2,253	[15] 2,481	354	[17 25] 9.4	[17 25] 3.8	[20] 69	[20] 29	(NA)	[18] 176
Egypt	7,755	3,120	636	[31] 6.9	12.4	[15] 10,995	[20] 2,472	30.5	562
Finland	13,380	13,129	2,377	15.6	25.7	3,326	8,000	35.5	1,384
France	115,743	92,756	10,771	[17] 34.8	[17] 183.9	56,854	[40] 60,554	276.3	21,086
German Dem. Rep	[15 26] 19,082	[15] 17,312	1,439	[17] 3.5	[17] 11.9	24,785	63,009	(NA)	[39] 2,993
Germany, Fed. Rep. of	[41] 155,856	[41] 176,428	7,707	[14] 35.0	[14] 104.5	36,828	57,264	196.2	24,762
Ghana	[24] 1,106	[24] 1,063	257	[42] 2.3	[42] 3.1	[43] 431	[43] 405	4.3	[17 35] 122
Greece	[24] 8,677	[24] 4,292	40,035	16.0	27.2	1,501	[44] 586	40.1	1,283
Hong Kong	23,576	21,007	3,499	[14] 6.9	[14] 20.9	407	60	(NA)	269
Hungary	8,825	8,795	82	(NA)	(NA)	11,871	22,725	16.2	1,176
India	[24] 15,083	[24] 8,074	6,214	[32 45] 31.0	[32 45] 29.3	[24 45] 220,787	[24 45] 164,253	84.8	[20 23] 1,734
Indonesia	[24] 13,271	[24] 22,260	1,847	[25 31] 101.3	[25] 13.3	6,293	885	88.4	[28] 1,200
Iran	[15] 12,250	[15] 14,291	1,313	[39 46] 220.3	[39 46] 14.5	[24] 2,526	[24] 3,861	15.6	[17] 1,137
Iraq	[18] 4,213	[18] 11,061	1,521	[42] 36.0	[17] 4.1	[42 45] 797	[42 45] 2,254	12.6	[18] 256
Ireland	9,707	8,064	239	(NA)	(NA)	887	670	21.9	[18] 708
Israel	[24] 7,801	[24] 5,343	676	[47] 5.2	[47] 5.7	221	827	30.2	511
Italy	86,213	73,490	10,375	43.7	224.0	40,224	16,836	139.2	19,375
Ivory Coast	[24] 2,384	[24] 2,537	152	[48] 4.0	5.5	888	[33] 612	2.8	[18] 179
Jamaica	1,470	820	(NA)	5.4	[42] 2.6	[17] 93	[17] 186	13.5	(NA)
Japan	131,930	138,911	41,594	81.1	557.8	314,940	31,320	364.8	36,852
Korea, Rep. of	[49] 24,319	19,661	5,529	16.0	61.8	[24] 21,528	10,716	60.7	519
Kuwait	[24] 6,948	[24] 16,339	2,014	[42 50] 103.5	[42 50] 1.9	(NA)	(NA)	19.5	[17] 381
Lebanon	[17] 1,701	[17] 436	368	[21] 25.8	[21] 4.4	[21] 2	[21] 42	43.4	[21] 244
Liberia	[24] 477	[24] 531	70,718	[42] 20.5	[42] 1.3	(NA)	(NA)	(NA)	[18] 16
Libya	[24] 8,382	[24] 15,576	912	[17] 92.9	[42] 8.5	(NA)	(NA)	11.7	[19] 394
Malaysia	[24] 13,132	[24] 12,884	1,195	[14 48] 9.5	[14 48] 13.5	[51 52] 1,615	[51 52] 1,091	40.9	[18] 750
Mexico	[24 53] 24,161	[24 53] 20,041	1,252	22.5	11.7	5,316	37,600	167.5	5,828
Morocco	[24] 4,356	[24] 2,320	394	20.6	9.9	[24] 1,197	[24] 3,967	20.5	[18 28] 573
Netherlands	62,584	66,321	5,393	73.0	246.5	9,376	2,687	[54] 108.8	[23] 4,931
New Zealand	5,747	5,518	250	[55] 10.3	[55] 9.7	[37] 396	[37] 3,265	52.1	[55] 1,589
Nigeria	[20] 10,991	[20] 17,391	463	[14 31] 101.2	[31] 5.0	[21 45] 785	[33 45] 972	24.2	[18] 181

See footnotes at end of table.

No. 1530. Foreign Trade and Transportation—Shipping, Railways, Aviation, and Motor Vehicles, by Country—Continued

[See text, p. 854, for general comments about the data. Statistical coverage of all these items varies considerably among countries; for details, see source]

Country	Foreign trade,[1] 1982		Shipping			Rail traffic,[4] 1982		Civil aviation, kilometers flown,[5] 1980 (mil.)	Motor vehicles in use,[6] 1980 (1,000)
	Imports (mil. dol.)	Exports (mil. dol.)	Merchant shipping fleets,[2] 1982 (1,000 gross tons)	Freight,[3] 1978 (mil. metric tons) Loaded	Unloaded	Passenger-kilometers (mil.)	Freight, net-ton kilometers (mil.)		
Norway	15,487	17,587	21,862	[25] 35.3	[25] 21.2	2,242	2,479	58.1	[23] 1,397
Pakistan	5,378	2,376	580	[27] 2.8	[27] 8.9	[57] 16,325	[57] 6,931	49.7	[25] 391
Panama	[24] 1,540	[24] 315	32,600	1.3	2.9	(NA)	(NA)	6.6	131
Peru	[24] 3,803	[24] 3,255	836	[26] 10.3	[25] 2.7	[17] 651	[17] 812	24.6	[17] 467
Philippines	[24] 7,946	[24] 5,722	2,774	14.1	20.6	284	21	42.4	[18] 834
Poland	[28] 9,655	10,552	3,651	[14 32] 38.8	[14 32] 27.2	49,266	112,689	35.1	[18] 2,441
Portugal	[24] 9,799	[24] 4,147	1,402	4.5	14.6	5,412	1,056	39.2	[18] 1,530
Romania	[24 26] 12,458	[24] 12,610	2,203	[47 58] 4.3	[58] 4.9	[24 44] 24,379	[24 53] 75,251	19.7	[58 59] 45
Saudi Arabia	[24] 35,244	[24] 120,240	4,302	[42 50] 410.0	[42 50] 9.3	[21] 72	[21] 66	91.3	[18] 320
Singapore	[50] 28,056	[50] 20,788	7,183	29.0	45.6	(51)	(51)	68.9	[18] 208
South Africa	[24 26] 18,553	[24] 12,502	776	[52] 47.2	[47] 1.8	(NA)	[25 37 61] 96,768	67.3	[17 26] 2,985
Soviet Union	[24 26] 72,960	[24] 79,003	23,789	[25] 150.9	[25] 43.5	11,508	67,126	(NA)	(NA)
Spain	31,535	20,522	8,131	[42] 23.8	[42] 84.2	14,703	10,036	164.3	8,937
Sri Lanka	[24] 1,803	[24] 1,036	125	1.3	4.3	[52] 3,121	[52] 217	7.5	[18 23] 161
Sweden	27,516	26,794	3,788	34.2	48.5	6,550	14,250	66.2	[18 23] 3,019
Switzerland	28,670	26,024	315	(NA)	(NA)	8,964	6,504	97.8	[23] 2,427
Syria	[24] 4,119	[24] 2,106	43	[17] 6.8	[17] 7.7	408	708	10.5	[18] 147
Thailand	8,544	6,953	442	15.3	17.0	[62] 9,231	[62] 2,421	41.8	[42] 568
Trinidad and Tobago	[24] 3,115	[24] 3,725	(NA)	[17] 20.8	[17] 14.9	(NA)	(NA)	16.1	[18] 169
Tunisia	3,287	1,959	136	5.5	6.0	[15 44] 864	[15 39] 1,698	13.6	[19 23] 170
Turkey	[24] 8,911	[24] 4,703	2,128	[17] 6.7	[17] 20.5	5,436	6,012	14.5	[42] 702
United Kingdom	99,654	96,994	22,505	90.1	152.8	27,780	[40] 15,876	[63] 426.3	[18 25] 16,107
Uruguay	[24] 1,599	[24] 1,215	202	.4	1.5	[24] 339	[24] 205	4.3	[42] 231
Venezuela	[24 26] 11,807	[24] 20,959	911	[22 25] 189.9	[25] 8.6	19	29	61.7	[17] 1,665
Yugoslavia	[24] 15,817	[24] 10,929	2,532	4.5	18.2	10,824	[33] 25,812	34.8	[18] 2,114
Zaire	[24] 672	[24] 662	92	[42] .5	[42] .7	[42] 467	[42] 2,203	10.0	[21] 161
Zambia	[24 25] 1,047	[24] 1,056	(NA)	(NA)	(NA)	(NA)	(NA)	10.5	[28 35 42] 172

NA Not available. [1] Covers merchandise, including silver (except current coin); excludes gold and issued paper currency. Imports generally *valued c.i.f. (cost, insurance, and freight)*; exports, f.o.b. (free on board). Generally includes government trade (including foreign aid, war reparations, and military goods), trade of foreign concessionaires, *and postal trade. See source for* "general trade" or "special trade" distinctions. Roughly half the countries shown fall into each category, thus affecting comparability. [2] As *of June 30.* Represents gross registered tons (see text, p. 632). Excludes vessels without mechanical means of propulsion; includes sailing vessels with auxiliary power. Estimated. [3] Represents *weight of all goods* (including their packing) in external trade loaded to and unloaded from seagoing vessels of all flags at ports of country specified. For most countries, *excludes bunkers, ships'* stores, ballast, and transshipment (goods transshipped from an importing vessel to an exporting vessel). Estimated. [4] Relates to domestic and international traffic on all railway *lines within each country shown*, excluding railways entirely within an urban unit and plantation, industrial mining, funicular, and cable railways. In general, passenger-*kilometers include all passengers* except military, government, and railway personnel when carried without revenue; ton-kilometers relate to freight net ton-kilometers and include all goods whether carried by fast or *ordinary trains except* service traffic, mail, baggage, and nonrevenue governmental stores. [5] Covers both domestic and international scheduled services operated by *companies registered in each country.* Includes supplementary services occasioned by overflow traffic on regularly scheduled trips and preparatory flights for new scheduled services. [6] Represents *officially estimated number* of vehicles in use. Includes passenger cars and commercial vehicles. For most countries shown, excludes 2- and 3-wheeled cycles and motorcycles, trams, *trolley buses, ambulances*, hearses, military vehicles, police and special purpose or government security vehicles, trailers, and farm tractors. Estimated. [7] Includes trade between the Federal Republic of *Germany* and German Democratic Republic. [8] Excludes Soviet Union. [9] Excludes shipments of merchandise between the U.S. and its possessions (Guam, *American Samoa, U.S. Virgin Islands*, etc.). [10] Excludes non-monetary gold. [11] Includes the Great Lakes. [12] Excludes traffic with U.S. Virgin Islands. [13] Includes Great Lakes and *St. Lawrence River* international traffic. [14] Includes transshipments. [15] For 1980. [16] Class I railways only. [17] For 1977. [18] For 1978. [19] For 1975. [20] For *1979.* [21] *For 1974.* [22] For 1973. [23] Includes vehicles operated by police or other government security organizations. [24] For 1981. [25] Excludes transit traffic and packing. [26] *Imports f.o.b.* [27] Year ending June 30. [28] Includes special purpose vehicles. [29] Includes farm tractors. [30] Includes Luxembourg. [31] Includes ships' stores. [32] *Includes bunkers.* [33] Includes service traffic. [34] Source: U.S. Bureau of the Census. Data from Republic of China publications. [35] Includes vehicles no longer in circulation. [36] *Passenger cars only.* [37] Year ending Mar. 31. [38] Includes passengers' baggage and parcel post. [39] Includes goods imported and exported other than by sea. [40] Includes *passengers' baggage.* [41] Excludes trade with German Democratic Rep. [42] *For 1976.* [43] For 1972. [44] Includes military traffic. [45] Year beginning Apr. 1. [46] Year beginning Mar. 21. [47] Excludes petroleum. [48] Includes coastwise traffic. [49] Includes imports of foreign aid. [50] Includes petroleum from neutral zone. [51] Excludes silver. [52] West Malaysia only. [53] *Data for Singapore* included in Malaysia. [54] *Includes data for airlines based in the Netherlands and dependencies.* [55] Million manifest tons. [56] Includes ambulances. [57] Year *beginning July 1.* [58] For 1970. [59] Commercial vehicles only. [60] Excludes transshipments to and from West Malaysia. [61] Includes Namibia. [62] Year ending Sept. 30. [63] In*cludes data for airlines based in the United Kingdom territories and dependencies.*

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook* (copyright).

No. 1531. Communications—Telephones, Newspapers, Television, and Radio, by Country

[See text, p. 854, for general comments about the data. For additional data qualifications for countries, see source]

Country	Telephones,[1] 1980		Daily newspapers,[2] 1979			Television receivers,[3] 1980		Radio receivers,[4] 1980	
				Circulation					
	Number in use (1,000)	Per 100 population	Number	Total (1,000)	Copies per 1,000 population	Number (1,000)	Per 1,000 population	Number (1,000)	Per 1,000 population
World, total	**508,286**	**11.5**	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
United States	180,424	78.8	1,787	62,223	282	142,000	624	477,800	2,099
Algeria	485	2.5	4	425	22	975	52	3,230	174
Argentina	2,588	9.3	133	[5] 2,556	(NA)	5,140	190	[6] 9,000	[6] 379
Australia	7,153	48.9	63	4,851	336	5,525	378	15,000	1,026
Austria	3,010	40.1	31	2,634	351	2,225	296	[7] 3,322	[7] 443
Bangladesh	[8] 104	[8] .1	30	404	5	80	1	710	8
Belgium	3,636	36.9	26	2,242	228	[7] 3,500	[7] 395	[7] 4,500	[7] 457
Bolivia	[9] 49	[9] .9	14	214	39	300	54	500	89
Brazil	7,496	6.3	[5] 328	[5] 5,094	[5] 44	15,000	122	35,000	284
Bulgaria	1,255	14.1	12	2,093	234	[7] 1,652	[7] 186	[7] [10] 2,149	[7] [10] 242
Burma	[8] 37	[8] .1	7	329	10	(NA)	[11] 22	700	20
Canada	16,531	68.6	126	5,700	241	11,280	471	26,551	1,109
Chile	551	5.0	37	945	87	1,225	110	3,250	293
China:									
Mainland	4,355	.4	(NA)	(NA)	(NA)	4,000	4	55,000	57
Taiwan	3,166	17.9	31	(NA)	(NA)	(NA)	[12] 90	(NA)	226
Colombia	1,718	6.4	38	[13] 1,273	[13] 48	2,250	83	3,010	111
Costa Rica	236	10.7	4	155	70	162	72	180	80
Cuba	[8] 362	[8] 3.7	9	891	91	1,273	129	2,914	295
Cyprus	113	17.9	12	[14] 67	(NA)	[7] 150	[7] 238	313	498
Czechoslovakia	3,150	20.6	30	4,641	304	[7] 4,292	[7] 280	[7] 4,432	[7] 289
Denmark	3,283	64.1	49	1,876	367	[7] 1,886	[7] 368	[7] 1,950	[7] 381
Dominican Republic	165	2.9	7	220	42	385	71	220	41
Ecuador	272	3.3	38	400	49	500	60	2,650	317
Egypt	534	1.2	9	[15] 2,475	(NA)	1,400	33	6,000	143
El Salvador	86	1.9	12	[14] 334	(NA)	300	62	1,550	322
Ethiopia	86	.3	5	52	2	30	1	250	8
Finland	2,374	49.6	62	2,289	480	[8] 1,780	[8] 374	4,000	837
France	24,686	45.9	[11] 96	[11] 10,863	[11] 205	19,000	354	48,050	895
German Dem. Rep	3,156	18.9	39	8,658	517	[7] 5,731	[7] 342	[7] 6,409	[7] 383
Germany, Fed. Rep. of	28,554	46.4	[11] 412	[11] 25,968	[11] 423	[7] 20,762	[7] 337	[7] 22,750	[7] 370
Ghana	[8] 67	[8] .7	5	[5] [16] 345	[5] [16] 31	57	5	1,870	163
Greece	2,796	28.9	116	(NA)	(NA)	[7] 1,500	[7] 156	3,310	345
Guatemala	[11] 71	[11] 1.2	9	[17] 91	(NA)	175	24	289	40
Honduras	[8] 27	[8] .8	7	223	63	49	13	176	48
Hong Kong	1,676	32.6	41	(NA)	(NA)	1,114	220	2,550	503
Hungary	1,261	11.8	27	2,585	242	[7] 2,766	[7] 258	2,700	252
Iceland	109	47.7	6	127	557	[7] 63	[7] 275	[7] 140	[7] 614
India	[8] 2,424	[8] .4	1,087	13,033	20	[7] 1,150	[7] 2	[7] 30,000	[7] 45
Indonesia	487	.3	[12] 178	[12] 2,358	(NA)	1,405	9	6,200	41
Iran	1,227	3.2	[12] 23	[12] 473	(NA)	2,085	56	[18] 2,050	[18] 62
Iraq	[11] 320	[11] 2.6	5	[16] 325	(NA)	650	50	2,000	163
Ireland	650	18.7	7	770	229	[8] 757	[8] 225	[8] 1,250	[8] 371
Israel	1,130	29.3	[12] 24	[12] 801	[12] 231	[7] 581	[7] 150	802	207
Italy	19,277	33.7	75	5,308	93	22,000	386	[7] 13,781	[7] 242
Jamaica	119	6.0	3	128	59	167	76	719	328
Japan	53,634	46.0	178	65,880	569	62,976	539	79,200	678
Kampuchea	(NA)	(NA)	[12] 17	(NA)	(NA)	[18] 30	[18] 4	[18] 110	[18] 14
Kenya	192	2.1	3	156	10	65	4	540	33
Korea, Republic of	[8] 2,898	[8] 7.7	29	[11] [19] 6,496	[11] [19] 197	[7] 6,280	[7] 164	15,000	393
Kuwait	215	15.9	7	[11] 180	[11] 159	542	400	525	387
Lebanon	[6] 192	[6] 6.8	251	(NA)	(NA)	750	237	2,000	633
Luxembourg	[8] 199	[8] 54.7	51	1,301	358	[8] 89	[8] 245	[8] 186	[8] 512
Madagascar	[8] 37	[8] .4	[5] 12	(NA)	(NA)	45	5	1,700	194
Malaysia	598	4.5	44	[20] 1,796	(NA)	[8] 850	[8] 64	2,000	149
Mexico	4,992	7.2	[11] 352	[11] 3,994	(NA)	7,500	104	20,500	285
Morocco	231	1.2	9	[15] 230	(NA)	[7] 749	[7] 37	3,000	148
Netherlands	7,230	50.9	80	4,553	325	[7] 4,181	[7] 296	[7] 4,376	[7] 309
New Zealand	1,730	55.0	37	1,067	345	862	278	2,755	889
Nigeria	[11] 128	[11] .2	15	[11] 527	(NA)	450	6	5,600	73

See footnotes at end of table.

NO. 1531. COMMUNICATIONS—TELEPHONES, NEWSPAPERS, TELEVISION, AND RADIO, BY COUNTRY—Con.

[See text, p. 854, for general comments about the data. For additional data qualifications for countries, see source]

COUNTRY	TELEPHONES,[1] 1980		DAILY NEWSPAPERS,[2] 1979			TELEVISION RECEIVERS,[3] 1980		RADIO RECEIVERS,[4] 1980	
	Number in use (1,000)	Per 100 population	Number	Circulation: Total (1,000)	Circulation: Copies per 1,000 population	Number (1,000)	Per 1,000 population	Number (1,000)	Per 1,000 population
Norway	1,852	45.2	83	1,859	456	[7] 1,195	[7] 292	1,335	327
Pakistan	367	.4	119	1,094	14	800	10	5,500	67
Panama	173	9.5	6	148	79	220	120	285	155
Paraguay	59	1.8	5	[15] 88	(NA)	60	20	190	62
Peru	475	2.7	59	[11] 828	[11] 51	850	48	2,750	155
Philippines	702	1.5	19	[21] 972	(NA)	1,000	21	2,100	43
Poland	3,387	9.5	44	8,433	237	[7] 7,953	[7] 224	[8] 10,500	[8] 295
Portugal	1,372	13.8	22	492	50	1,400	141	1,576	159
Puerto Rico	631	20.3	4	475	139	800	233	2,000	582
Romania	[18] 1,196	[18] 5.6	35	3,998	181	[7] 3,714	[7] 167	[7] 3,205	[7] 144
Saudi Arabia	443	5.3	12	[11] 143	(NA)	2,100	251	2,500	299
Singapore	702	29.1	11	587	249	[7] 397	[7] 166	[7] 459	[7] 192
South Africa	2,662	11.2	[11] 24	[11] 1,728	[11] 66	2,000	68	8,000	273
Soviet Union	[22] 23,707	[22] 8.9	[11] 686	[11] 102,462	[11] 396	[8] 80,000	[8] 303	130,000	490
Spain	11,945	31.5	105	[11] 4,710	[11] 128	9,424	252	9,600	256
Sri Lanka	84	.6	22	(NA)	(NA)	35	2	1,454	99
Sudan	65	.3	3	18	1	105	6	1,330	71
Sweden	6,621	79.6	112	4,359	526	[7] 3,165	[7] 381	[7] [15] 3,140	[7] [15] 363
Switzerland	4,632	72.7	88	2,501	395	[7] 2,000	[7] 314	[7] 2,300	[7] 361
Syria	287	3.2	6	104	12	385	43	[5] 1,367	[5] 218
Thailand	497	1.1	18	[23] 1,943	(NA)	810	17	5,910	125
Trinidad and Tobago	[5] 77	[5] 6.8	4	193	171	210	184	300	263
Tunisia	189	3.0	5	271	44	300	47	1,000	157
Turkey	1,902	4.2	[24] 1,115	[24] 3,880	(NA)	[7] 3,348	[7] 75	[7] 4,284	[7] 95
United Kingdom	26,651	47.7	120	[25] 25,221	(NA)	22,600	404	53,000	947
Uruguay	287	9.9	28	(NA)	(NA)	363	125	1,630	562
Venezuela	[9] 789	[9] 5.8	69	2,383	176	1,710	123	5,350	385
Vietnam	[9] [26] 47	[9] [26] .3	3	[27] 500	(NA)	(NA)	(NA)	(NA)	(NA)
Yugoslavia	2,139	9.5	27	2,282	103	[7] 4,300	[7] 192	[7] 4,635	[7] 207
Zimbabwe	[6] 214	[6] 2.8	2	111	16	76	10	315	43

NA Not available. [1] Comprises public and private telephones installed which can be connected to a central exchange. [2] *Publications containing general news and appearing* at least 4 times a week; may range in size from a single sheet to 50 or more pages. Circulation data refer to average circulation per issue or number of printed copies per issue and include copies sold outside the country. [3] Estimated number of sets in use, except as noted. [4] Data cover estimated number of receivers in use, except as noted, and apply to all types of receivers for radio broadcasts to the public, including receivers connected to a radio "redistribution system" but excluding television sets. [5] For 1978. [6] For 1970. [7] Number of licenses issued. [8] For *1979.* [9] For *1973.* [10] *Excludes licenses for receivers* connected by wire to a redistribution system. [11] For 1977. [12] For 1976. [13] 33 dailies. [14] 9 dailies. [15] 8 dailies. [16] 4 dailies. [17] 3 dailies. [18] For 1975. [19] 26 dailies. [20] 32 dailies. [21] 18 dailies. [22] Excludes telephone systems of the military forces. [23] 17 dailies. [24] Data include non-daily newspapers. [25] 117 dailies. [26] Date are for former Rep. of South Vietnam. [27] 2 dailies.

Source: Except Taiwan, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook* (copyright), and United Nations Educational, Scientific, and Cultural Organization, Paris, France, *Statistical Yearbook* (copyright); Taiwan, U.S. Bureau of the Census. Data from Republic of China publications.

No. 1532. Military Expenditures in Current and Constant (1979) Dollars: 1971 to 1980

[**In millions of dollars, except as indicated.** See also table 563. Data for expenditures and for GNP were based on local currencies which were deflated to constant 1979 local currency values before conversion to U.S. dollar equivalents. In general, the rates used for conversion are the 1979 average par/market exchange rates as supplied by IBRD (International Bank for Reconstruction and Development). See also headnote, table 1533]

Country	Current dollars					Constant (1979) dollars						
	1971	1975	1978	1979	1980	1971	1975	1980	Per capita (dollars)		Percent of GNP [1]	
									1971	1980	1971	1980
United States	74,862	90,948	108,357	122,279	143,981	128,054	117,856	130,535	618	573	7.0	5.5
Algeria	198	404	647	737	796	338	524	721	23	38	1.9	2.2
Argentina	695	1,712	2,545	2,641	2,894	1,189	2,218	2,624	49	94	1.4	2.4
Australia	1,801	1,942	2,633	2,636	3,279	3,081	2,517	2,973	236	203	3.1	2.3
Austria	299	521	724	833	913	511	676	827	66	110	1.0	1.2
Belgium	1,435	2,300	3,203	3,631	4,174	2,454	2,981	3,785	253	382	2.9	3.4
Brazil	948	2,467	1,716	1,647	2,308	1,623	3,197	2,092	16	17	1.5	.9
Bulgaria	1,246	2,021	2,390	2,547	3,743	2,131	2,618	3,393	250	381	9.8	12.4
Canada	2,145	2,830	4,023	4,120	4,520	3,669	3,668	4,098	169	170	2.3	1.9
Chile	235	595	470	506	567	402	694	514	42	46	2.4	2.4
China:												
Mainland	21,500	31,500	38,500	44,500	47,000	36,776	40,819	42,611	42	41	13.5	8.5
Taiwan	912	1,183	2,086	(NA)	(NA)	1,560	1,533	(NA)	104	(NA)	10.0	(NA)
Cuba	239	393	1,040	1,160	1,140	408	509	1,033	47	107	5.2	(NA)
Czechoslovakia	2,880	4,243	5,095	5,396	6,122	4,926	5,498	5,550	342	362	5.3	4.9
Denmark	738	1,072	1,359	1,518	1,732	1,263	1,389	1,570	252	307	2.4	2.5
Egypt	811	1,929	2,044	1,984	1,362	1,387	2,500	1,235	41	29	12.9	6.0
El Salvador	17	30	50	51	85	29	39	77	7	16	1.1	2.5
Finland	278	423	494	598	781	475	548	708	103	147	1.5	1.7
France	9,916	14,526	19,925	22,439	25,552	16,963	18,823	23,166	330	431	4.0	4.0
German Dem. Rep	3,420	5,222	6,592	7,190	8,314	5,850	6,767	7,537	342	451	5.6	5.7
Germany, Fed. Rep	11,873	18,132	22,267	24,776	27,721	20,310	23,496	25,132	331	408	3.4	3.3
Greece	732	1,670	2,300	2,424	2,432	1,253	2,164	2,205	142	229	4.6	5.4
Hungary	1,333	1,826	2,062	2,138	2,542	2,280	2,366	2,304	219	215	5.3	4.4
India	2,181	3,105	3,812	4,155	4,521	3,731	4,024	4,099	6	5	3.5	2.8
Indonesia	560	1,080	1,293	1,764	1,594	958	1,399	1,445	7	9	3.5	2.8
Iran	2,644	9,128	11,342	(NA)	(NA)	4,524	11,828	(NA)	152	(NA)	8.4	(NA)
Iraq	762	1,555	2,148	2,671	(NA)	1,303	2,015	(NA)	133	(NA)	12.3	(NA)
Israel	1,492	3,502	3,409	4,814	5,051	2,553	4,538	4,579	823	1,205	22.7	29.1
Italy	3,997	5,277	6,762	7,784	8,937	6,736	6,838	8,103	124	142	2.7	2.4
Japan	3,179	5,485	8,091	9,557	10,885	5,438	7,108	9,868	51	84	.8	.9
Korea, Dem. Peo. Rep	758	1,080	1,310	1,320	1,300	1,296	1,399	1,178	88	61	18.0	8.2
Korea, Rep. of	719	1,461	3,262	3,385	3,846	1,229	1,893	3,486	36	87	4.3	6.2
Kuwait	185	731	1,076	1,181	1,315	317	948	1,192	396	851	4.8	4.2
Malaysia	200	531	666	778	1,110	343	688	1,006	30	71	3.2	4.8
Mexico	314	648	490	518	627	537	840	568	10	8	.7	.4
Morocco	156	448	815	896	1,142	267	581	1,035	16	49	2.5	6.1
Netherlands	2,461	3,650	4,593	5,037	5,472	4,210	4,730	4,961	318	351	3.4	3.2
Nicaragua	16	31	40	40	49	28	40	44	14	17	1.7	2.7
Nigeria	1,135	1,571	2,049	1,860	2,266	1,942	2,036	2,055	33	26	4.3	2.6
Norway	645	966	1,346	1,453	1,558	1,103	1,252	1,412	283	344	3.4	3.0
Oman	46	698	768	779	1,179	79	905	1,069	114	1,188	15.9	24.6
Pakistan	530	793	976	1,054	1,265	906	1,028	1,146	13	13	6.4	5.0
Peru	193	429	651	464	900	330	557	816	23	46	2.9	5.7
Philippines	113	550	512	643	808	193	712	732	5	14	1.1	2.4
Poland	4,267	6,461	8,102	8,707	9,546	7,298	8,372	8,654	222	243	5.9	5.4
Portugal	611	681	627	702	852	1,045	883	773	116	78	6.8	3.7
Qatar	(2)	124	264	458	555	(2)	160	503	(2)	2,515	(2)	6.4
Romania	1,821	2,850	3,465	3,626	3,757	3,114	3,693	3,406	151	153	5.8	4.4
Saudi Arabia	573	6,519	10,751	13,831	16,740	981	8,448	15,176	153	1,631	10.1	14.4
Singapore	214	250	407	457	620	366	325	562	174	234	7.8	5.7
South Africa	620	1,457	1,943	2,205	2,043	1,060	1,888	1,852	46	75	2.5	3.2
Soviet Union	82,400	128,100	165,700	183,000	207,400	140,948	165,999	188,032	575	708	14.4	14.6
Spain	2,519	3,685	2,999	3,272	3,656	4,309	4,776	3,314	126	88	3.0	1.7
Sweden	1,984	2,675	3,154	3,387	3,710	3,394	3,466	3,363	419	405	3.7	3.1
Switzerland	1,165	1,425	1,789	2,053	2,284	1,994	1,847	2,071	316	323	2.1	2.0
Syria	235	1,014	1,273	1,577	2,205	402	1,314	1,999	62	227	8.3	10.1
Thailand	327	410	737	942	1,000	560	531	907	14	19	3.6	3.2
Turkey	1,224	2,712	3,555	3,155	3,546	2,093	3,515	3,215	57	69	4.4	4.5
United Arab Emirates	(2)	32	791	1,151	1,658	(2)	42	1,503	(2)	1,503	(2)	6.4
United Kingdom	9,917	14,260	17,473	19,169	22,889	16,963	18,479	20,752	304	370	4.9	5.1
Venezuela	415	619	723	638	671	710	803	608	64	35	2.3	1.2
Yugoslavia	991	2,104	2,539	2,963	3,484	1,695	2,726	3,158	82	141	4.1	4.8

NA Not available. [1] Military expenditure as percent of gross national product. For additional information on comparisons between communist and noncommunist countries, see footnote 4, table 563. [2] Pre-independence.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

No. 1533. Armed Forces Personnel—Number and Rate, by Country: 1971 to 1980

[**Personnel data as of July.** Armed Forces refer to active-duty military personnel, including paramilitary forces where those forces resemble regular units in their organization, equipment, training, or mission. Reserve forces are not included. Countries which became independent during period shown are normally included beginning with first year in which they were independent for more than six months]

COUNTRY	ARMED FORCES PERSONNEL (1,000)						ARMED FORCES PER 1,000 POPULATION					
	1971	1975	1977	1978	1979	1980	1971	1975	1977	1978	1979	1980
United States	2,720	2,130	2,100	2,100	2,047	2,075	13.1	10.0	9.7	9.6	9.3	9.1
Algeria	80	80	75	75	88	101	5.6	5.0	4.4	4.3	4.9	5.4
Argentina	140	160	155	155	160	160	5.8	6.3	5.9	5.8	5.9	5.8
Australia	86	70	70	70	70	70	6.7	5.1	5.0	4.9	4.9	4.8
Austria	60	50	37	40	38	41	8.0	6.7	5.0	5.3	5.1	5.5
Belgium	110	87	85	90	87	88	11.3	8.9	8.7	9.2	8.9	8.9
Brazil	375	455	450	450	455	455	3.8	4.2	4.0	3.9	3.8	3.7
Bulgaria	189	175	177	164	163	162	22.2	20.1	20.1	18.6	18.5	18.2
Canada	85	77	80	80	80	79	3.9	3.4	3.4	3.4	3.4	3.3
Chile	70	110	111	111	111	115	7.4	10.8	10.6	10.4	10.3	10.5
China:												
Mainland	2,970	4,300	4,300	4,500	4,500	4,500	3.4	4.5	4.4	4.5	4.4	4.4
Taiwan	540	504	460	471	468	465	36.2	31.3	27.4	27.5	26.7	26.1
Cuba	140	120	200	210	375	375	16.1	12.9	20.8	21.6	38.3	39.1
Czechoslovakia	222	210	208	212	211	212	15.4	14.2	13.7	14.0	13.9	13.9
Denmark	45	35	34	34	35	35	9.0	6.9	6.8	6.8	6.9	6.9
Egypt	315	400	350	350	350	340	9.3	10.8	9.0	8.8	8.5	8.1
El Salvador	6	8	8	10	7	8	1.8	2.0	1.8	2.3	1.5	1.7
Finland	40	40	39	39	40	40	8.7	8.5	8.5	8.3	8.3	8.3
France	565	575	502	502	509	495	11.0	10.9	9.5	9.4	9.5	9.2
German Dem. Rep	202	220	222	226	227	231	11.8	13.0	13.2	13.6	13.5	13.8
Germany, Fed. Rep	505	495	489	489	495	495	8.2	8.0	8.0	8.0	8.1	8.0
Greece	160	191	290	184	185	182	20.5	21.2	31.2	19.6	19.7	19.0
Hungary	146	118	144	110	110	119	14.0	11.2	13.6	10.3	10.3	11.1
India	1,560	1,670	1,270	1,300	1,286	1,286	2.8	2.7	2.0	2.0	1.9	1.9
Indonesia	358	260	260	250	250	250	2.9	1.9	1.8	1.7	1.7	1.7
Iran	265	385	350	350	410	280	8.6	11.6	9.9	9.6	11.0	7.2
Iraq	105	155	140	140	220	220	10.7	13.8	11.7	11.2	17.1	16.8
Israel	130	190	165	165	165	165	41.9	55.9	47.1	45.8	44.6	43.4
Italy	435	500	330	365	365	366	8.1	9.0	5.9	6.4	6.4	6.4
Japan	234	237	236	239	239	239	2.2	2.1	2.1	2.1	2.1	2.0
Korea, Dem. People's Rep. of	450	470	520	632	692	716	30.8	28.5	29.5	34.9	37.0	37.1
Korea, Rep. of	638	630	600	600	638	639	18.9	17.2	15.8	15.6	16.3	16.1
Kuwait	14	25	10	10	10	10	17.5	25.0	9.1	8.3	7.7	7.1
Malaysia	62	76	79	82	82	82	5.5	6.1	6.1	6.2	6.0	5.9
Mexico	80	95	100	145	100	110	1.5	1.6	1.6	2.3	1.5	1.6
Morocco	65	75	85	115	116	117	4.0	4.1	4.4	5.8	5.7	5.6
Netherlands	110	112	109	100	115	115	8.3	8.2	7.9	7.2	8.2	8.2
Nicaragua	6	5	6	(NA)	25	50	3.0	2.3	2.6	(NA)	10.4	20.0
Nigeria	320	270	300	204	234	222	5.5	4.1	4.3	2.8	3.1	2.9
Norway	35	35	39	39	39	37	9.0	8.8	9.8	9.5	9.5	9.0
Oman	4	12	12	12	14	14	5.7	15.0	15.0	15.0	15.6	15.6
Pakistan	404	502	588	518	544	549	6.0	6.7	7.4	6.3	6.5	6.3
Peru	75	95	125	125	125	150	5.4	6.1	7.7	7.5	7.3	8.5
Philippines	58	120	155	156	156	156	1.5	2.8	3.4	3.4	3.3	3.2
Poland	315	435	430	430	425	421	9.6	12.6	12.4	12.3	12.1	11.8
Portugal	245	217	58	58	61	60	27.2	23.1	6.1	5.9	6.2	6.1
Qatar	(1)	5	5	5	5	5	(1)	25.0	25.0	25.0	25.0	25.0
Romania	218	220	220	218	219	215	10.6	10.4	10.1	10.0	9.9	9.7
Saudi Arabia	75	95	60	50	50	50	11.7	13.0	7.3	5.7	5.4	5.4
Singapore	16	27	36	64	57	57	7.1	11.7	15.7	27.8	23.8	23.8
South Africa	60	50	67	78	78	78	2.6	2.0	2.5	2.9	2.8	3.2
Soviet Union	3,900	4,100	4,200	4,200	4,300	4,300	15.9	16.1	16.2	16.1	16.3	16.2
Spain	365	375	309	321	321	342	10.7	10.6	8.5	8.7	8.7	9.1
Sweden	75	75	68	68	66	66	9.3	9.1	8.3	8.3	8.0	8.0
Switzerland	25	25	18	18	19	19	4.0	3.9	2.9	2.9	3.0	3.0
Syria	110	230	225	225	225	250	16.9	31.1	28.5	27.4	26.5	28.4
Thailand	195	227	230	250	250	250	5.1	5.4	5.2	5.5	5.4	5.2
Turkey	610	453	540	566	566	567	16.7	11.2	12.7	13.0	12.7	12.3
United Arab Emirates	(1)	21	25	25	30	30	(1)	35.0	31.3	31.3	33.3	30.0
United Kingdom	370	345	318	318	323	323	6.6	6.2	5.7	5.7	5.8	5.8
Venezuela	45	55	55	55	58	58	4.1	4.3	4.0	3.9	4.0	3.4
Vietnam	455	643	615	660	650	650	20.1	26.5	12.3	12.9	12.5	12.1
Yugoslavia	258	270	270	260	258	258	12.5	12.6	12.4	11.8	11.6	11.6

NA Not available. [1] Pre-independence.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

NO. 1534. MILITARY SHIPS OF SELECTED COUNTRIES, BY TYPE: 1975 TO 1982

[Includes vessels in reserve, ships under construction, and vessels belonging to Coast Guard services where applicable. Figures for oilers, supply ships, miscellaneous craft, and total craft are based on different criteria from country to country and from year to year]

COUNTRY AND YEAR	Total	Aircraft carriers	Submarines	Cruisers	Destroyers and frigates	Corvettes, fast attack, and patrol craft	Mine warfare forces	Amphibious forces	Oilers and supply ships	Miscellaneous
U.S.: 1975	1,039	25	150	39	185	29	37	201	264	109
1980	1,947	23	155	30	204	6	25	231	90	1,183
1982	**2,015**	**23**	**158**	**36**	**201**	**3**	**25**	**195**	**66**	**1,306**
China: Mainland: 1975	1,983	-	64	-	20	865	28	515	41	450
1980	2,207	-	92	-	29	997	97	538	54	400
1982	**2,336**	**-**	**114**	**-**	**36**	**1,048**	**103**	**551**	**54**	**430**
France: 1975	458	3	29	2	62	59	60	32	38	173
1980	404	2	29	2	57	23	50	71	12	158
1982	**431**	**4**	**32**	**2**	**53**	**22**	**45**	**91**	**11**	**171**
Soviet Union: 1975	2,390	2	403	37	217	566	412	153	259	341
1980	3,025	5	490	50	240	639	389	378	58	776
1982	**2,752**	**5**	**482**	**50**	**287**	**500**	**396**	**321**	**62**	**649**
United Kingdom: 1975	615	3	36	14	73	15	48	63	54	309
1980	527	5	35	8	74	19	51	86	31	218
1982	**501**	**4**	**36**	**4**	**72**	**27**	**58**	**82**	**23**	**195**
1982:										
Albania	92	-	3	-	-	53	17	-	4	15
Argentina	142	1	9	1	21	64	6	17	3	20
Australia	129	1	6	-	15	32	7	12	3	53
Belgium	56	-	-	-	4	8	27	2	2	13
Brazil	171	1	8	-	19	32	6	53	4	48
Bulgaria	121	-	2	-	2	28	18	30	3	38
Canada	88	-	3	-	26	13	-	5	5	36
Chile	75	-	5	3	11	24	-	16	3	13
China: Taiwan	190	-	4	-	33	24	23	55	7	44
Colombia	62	-	4	-	8	26	-	5	1	18
Cuba	158	-	3	-	1	117	8	20	-	9
Denmark	144	-	8	-	10	81	21	9	2	13
Ecuador	42	-	2	-	2	19	-	5	1	13
Egypt	154	-	12	-	8	81	12	27	-	14
Finland	73	-	-	-	-	26	3	14	-	30
German Dem. Republic	231	-	-	-	2	89	47	16	14	63
Germany, Fed. Rep. of	331	-	24	-	21	64	69	35	17	101
Greece	209	-	10	-	22	37	16	89	6	29
India	135	1	12	1	35	30	14	18	7	17
Indonesia	182	-	6	-	10	33	4	84	5	40
Iran	109	-	-	-	7	60	5	10	4	23
Iraq	76	-	-	-	5	61	5	4	1	-
Israel	101	-	3	-	-	68	-	12	-	18
Italy	273	2	10	2	24	20	43	63	3	106
Japan	243	-	17	-	62	23	43	19	27	52
Korea, Dem. People's Rep. of	642	-	18	-	4	408	-	107	-	105
Korea, Rep. of	122	-	-	-	21	50	9	31	8	3
Libya	74	-	6	-	1	42	2	16	-	7
Malaysia	106	-	-	-	4	36	6	5	-	55
Mexico	144	-	-	-	10	106	-	7	2	19
Netherlands	155	-	10	-	25	11	46	13	2	48
New Zealand	19	-	-	-	4	4	-	4	-	7
Nigeria	150	-	-	-	2	78	-	3	-	67
Norway	111	-	15	-	5	53	13	6	-	17
Pakistan	84	-	12	1	10	40	6	2	3	10
Peru	93	-	12	3	13	28	-	9	7	21
Philippines	233	-	-	-	7	87	-	109	2	28
Poland	259	-	4	-	1	88	50	45	7	64
Portugal	79	-	3	-	17	27	4	19	2	7
Romania	136	-	-	-	-	98	32	-	-	6
Saudi Arabia	555	-	-	-	4	52	4	12	2	481
South Africa	69	-	3	-	2	41	10	2	1	10
Spain	350	2	12	-	35	99	9	109	15	69
Sweden	359	-	17	-	3	69	68	150	3	49
Syria	39	-	-	-	2	32	4	-	-	1
Thailand	188	-	-	-	6	100	9	58	3	12
Turkey	330	-	22	-	15	76	42	85	9	81
Venezuela	73	-	5	-	10	27	-	18	-	13
Yugoslavia	169	-	7	-	1	69	27	35	6	24

- Represents zero.

Source: Jane's Publishing, Inc., New York, N.Y., *Jane's Fighting Ships*, annual. (Copyright by Jane's Publishing Company Ltd., London, England.)

No. 1535. Money Supply—Annual Percent Changes, by Country: 1977 to 1982

[See text, p. 854, for general comments concerning the data. Money supply as shown here is composed of currency plus demand deposits (M-1). For additional qualifications of the data for individual countries, see source. Minus sign (−) indicates decrease]

COUNTRY	1977–1978	1978–1979	1979–1980	1980–1981	1981–1982
United States	7.3	7.6	8.6	5.1	4.8
Algeria	27.8	17.8	16.0	17.2	(NA)
Argentina	144.3	131.4	115.8	53.9	193.1
Australia	8.8	16.4	14.6	9.7	1.7
Austria	5.9	−6.1	7.4	3.8	3.1
Bangladesh	25.9	18.4	18.7	20.4	3.4
Belgium	7.0	3.8	−.1	3.5	3.3
Bolivia	13.5	13.8	38.4	15.1	(NA)
Brazil	38.6	53.2	76.4	65.1	75.4
Burma	6.9	13.8	12.2	15.4	(NA)
Canada	8.9	4.9	3.9	3.0	.8
Chile	81.2	60.0	62.6	23.4	−5.5
Colombia	28.0	25.2	24.8	24.6	(NA)
Denmark	10.7	13.4	6.0	13.1	11.4
Dominican Republic	15.9	9.5	15.9	2.3	15.9
Ecuador	13.3	20.1	25.7	21.5	21.9
Egypt	24.3	23.9	21.0	12.0	27.5
El Salvador	−.2	12.0	25.2	−2.7	2.1
Ethiopia	20.3	14.8	9.7	2.3	9.5
Finland	11.4	16.5	10.9	10.4	17.5
France	11.3	12.3	8.0	12.3	14.8
Germany, Fed. Rep. of	13.5	7.2	2.4	.9	3.2
Ghana	74.1	30.3	34.5	35.2	29.3
Greece	19.4	19.7	20.3	18.3	24.8
Guatemala	11.0	11.0	5.7	1.0	6.8
India	14.1	20.8	12.3	15.7	(NA)
Indonesia	18.9	31.4	43.4	32.6	25.5
Iran	30.4	48.1	30.6	(NA)	(NA)
Ireland	24.2	24.0	4.6	13.0	7.2
Israel	37.6	34.0	69.6	93.9	(NA)
Italy	23.8	23.9	15.9	11.1	11.5
Japan	10.8	9.9	.8	3.7	7.1
Kenya	12.9	9.3	10.8	1.8	10.7
Korea, Republic of	28.2	18.0	18.0	11.2	28.6
Libya	23.5	24.7	23.2	32.9	(NA)
Malaysia	17.9	18.0	17.1	13.3	11.0
Mexico	37.2	31.4	31.1	36.7	43.9
Morocco	12.7	17.0	9.9	9.0	14.8
Netherlands	5.3	2.7	4.2	2.6	5.0
Nigeria	11.1	12.0	23.1	20.1	3.9
Norway	9.2	8.7	8.5	12.4	10.8
Pakistan	18.5	22.5	18.5	14.0	12.8
Peru	34.2	59.6	71.1	43.4	33.7
Philippines	16.5	11.9	14.1	11.1	1.8
Portugal	10.2	18.4	24.5	19.4	13.3
Romania	12.1	10.4	(NA)	27.0	20.1
South Africa	6.0	15.3	29.7	38.7	24.0
Spain	18.9	13.8	10.2	11.5	14.7
Sri Lanka	19.8	17.8	22.2	12.4	18.9
Sweden	13.8	12.6	19.0	12.1	9.8
Switzerland	12.7	8.9	−6.8	−2.2	4.3
Syria	27.3	19.8	27.0	27.4	(NA)
Thailand	15.3	16.6	15.8	5.1	6.5
Tunisia	15.1	15.0	16.0	25.4	18.7
Turkey	33.8	54.8	54.2	37.3	27.5
United Kingdom	20.3	12.2	4.4	10.2	8.2
Venezuela	18.8	7.4	14.1	11.4	9.9
Yugoslavia	21.2	17.1	32.4	24.9	24.5
Zaire	50.7	54.1	23.3	53.6	56.3
Zambia	−1.9	11.9	10.8	12.7	10.1

NA Not available.

Source: International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly, with annual yearbooks.

No. 1536. Central Bank Discount Rates, Money Market Rates, and Government Bond Yields—Selected Countries: 1978 to 1983

[**In percent per annum. Central bank discount rates** refer to the rate at which the monetary authority lends or discounts eligible paper for deposit money banks. **Money market rates** refer to the rate at which short-term borrowings are effected between financial institutions, except for Canada, Switzerland, and United Kingdom, refer to the rate at which short-term government paper is issued or traded in the market. **Government bond yields** refer to one or more series representing average yields to maturity of government bonds or other bonds that would be indicative of longer term rates]

NATIONAL INTEREST RATE	United States	Canada	Japan	France	Germany, Fed. Rep.	Italy	Netherlands	Sweden	Switzerland	United Kingdom
Central bank discount rates:[1]										
1978	9.50	10.75	3.50	9.50	3.00	10.50	6.50	6.50	1.00	12.50
1979	12.00	14.00	6.25	9.50	6.00	15.00	9.50	9.00	2.00	17.00
1980	13.00	17.26	7.25	9.50	7.50	16.50	8.00	10.00	3.00	14.00
1981	12.00	14.66	5.50	9.50	7.50	19.00	9.00	11.00	6.00	(2)
1982	8.50	10.05	5.50	9.50	5.00	18.00	5.00	10.00	4.50	(2)
1983, June	8.50	9.42	5.50	9.50	4.00	17.00	4.50	8.50	4.00	(2)
Money market rates:[3]										
1978	7.93	8.67	(NA)	8.16	3.70	11.49	6.24	7.16	(NA)	3.70
1979	11.20	11.68	(NA)	9.48	6.69	11.86	9.03	8.19	(NA)	13.59
1980	13.36	12.80	(NA)	12.20	9.54	17.17	10.13	12.17	5.15	16.10
1981	16.38	17.72	7.69	15.26	12.11	19.60	11.01	14.35	7.82	13.29
1982	12.26	13.64	7.12	14.73	8.88	20.18	8.06	13.29	3.87	11.57
1983, June	8.98	9.17	6.64	12.81	5.57	18.22	4.94	11.00	3.65	9.37
Government bond yields:										
1978	8.49	9.30	6.09	8.96	5.80	13.70	7.74	10.09	3.33	12.47
1979	9.33	10.26	7.69	9.48	7.40	14.05	8.78	10.47	3.45	12.99
1980	11.39	12.49	9.22	12.99	8.50	16.11	10.21	11.74	4.77	13.79
1981	13.72	15.22	8.66	15.66	10.38	20.58	11.55	13.49	5.57	14.74
1982	12.92	14.26	8.06	15.56	8.95	20.90	10.10	13.04	4.83	12.88
1983, June	11.12	11.56	7.49	13.69	8.00	17.91	9.22	12.17	4.59	10.39

NA Not available. [1] End of period. [2] Minimum lending rate suspended as of August 20, 1981. [3] Period averages.

Source: International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly.

No. 1537. Foreign Exchange Rates: 1965 to 1983

[In U.S. cents per unit of foreign currency. Except as indicated, figures are annual averages]

COUNTRY	Currency unit	1965	1970	1975	1978	1979	1980	1981	1982	1983, Aug.
Australia	Dollar	222.78	111.36	130.77	114.82	111.77	114.00	114.95	101.65	91.33
Austria	Schilling	3.87	3.87	5.75	6.90	7.48	7.73	6.29	5.86	5.85
Belgium	Franc	2.01	2.01	2.73	3.18	3.41	3.42	2.70	2.18	2.08
Canada	Dollar	92.74	95.80	98.30	87.73	85.39	85.53	83.41	81.01	81.37
Denmark	Krone	14.46	13.33	17.44	16.16	19.01	17.77	14.08	11.98	11.59
France	Franc	20.40	18.09	23.35	22.22	23.50	23.69	18.49	15.20	14.11
Germany, Fed. Rep	Deutsche Mark	25.04	27.42	40.73	49.67	54.56	55.09	44.36	41.19	41.17
India	Rupee	20.94	13.23	11.93	12.21	12.27	12.69	11.55	10.54	10.07
Ireland	Pound	279.59	239.59	222.16	191.84	204.65	205.77	161.32	142.05	133.38
Italy	Lira	.16	.16	.15	.12	.12	.12	.09	.07	.07
Japan	Yen	.28	.28	.34	.48	.46	.44	.45	.40	.42
Mexico	Peso	8.01	8.01	8.00	4.39	4.38	4.35	4.08	1.37	1.05
Netherlands	Guilder	27.77	27.65	39.63	46.28	49.84	50.37	40.19	37.43	36.96
Norway	Krone	13.98	13.99	19.18	19.08	19.75	20.26	17.46	15.49	14.04
Portugal	Escudo	3.48	3.50	3.93	2.28	2.04	2.00	1.63	1.25	1.04
South Africa	Rand	139.27	139.24	136.47	115.01	118.72	128.54	114.77	92.30	92.07
Spain	Peseta	1.67	1.43	1.74	1.31	1.49	1.40	1.09	.91	.75
Sweden	Krona	19.39	19.28	24.14	22.14	23.32	23.65	19.86	15.91	13.42
Switzerland	Franc	23.11	23.20	38.74	56.28	60.12	59.70	51.03	49.20	49.13
United Kingdom	Pound	279.59	239.59	222.16	191.84	212.24	232.58	202.43	174.80	154.16

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 1538. Foreign Exchange Rates, by Country: 1980 to 1982

[**National currency units per U.S. dollar.** As of **December 31.** Represents mid-point market quotations to extent available. For countries with fixed relationships to a third currency, represents exchange rates of the third currency, times the fixed relationships. For currencies not quoted in exchange markets, represents official rates. For countries with multiple exchange rate systems, represents rate applicable to principal trade transactions]

COUNTRY	Currency unit	EXCHANGE RATE		
		1980	1981	1982
Algeria	Dinar	3.97	4.38	4.64
Argentina	Peso Argentino	.1992	.7248	4.855
Australia	Dollar	.847	.887	1.020
Austria	Schilling	13.8	15.9	16.7
Belgium	Franc	31.5	38.5	46.9
Bolivia	Peso Boliviano	24.5	24.5	196.0
Brazil [1]	Cruzeiro	65.5	127.8	252.7
Canada	Dollar	1.19	1.19	1.23
Chile	Peso	39.0	39.0	73.4
Colombia [1]	Peso	50.9	59.1	70.3
Costa Rica	Colon	8.57	36.1	40.3
Denmark	Krone	6.02	7.33	8.38
Egypt [2]	Pound	.700	.700	.700
Finland	Markka	3.84	4.36	5.29
France	Franc	4.52	5.75	6.73
Germany, F. R. of	D. Mark	1.96	2.25	2.38
Ghana	Cedi	2.75	2.75	2.75
Greece	Drachma	46.5	57.6	70.6
Honduras	Lempira	2.00	2.00	2.00
India	Rupee	7.93	9.10	9.63
Indonesia	Rupiah	627	644	693
Iran	Rial	72.3	79.5	83.4
Iraq	Dinar	.295	.295	.311
Ireland	Pound	.527	.633	.716
Israel	Shekel	7.55	15.60	33.65
Italy	Lira	931	1,200	1,370
Ivory Coast	CFA Franc	226	287	336
Jamaica	Dollar	1.781	1.781	1.781
Japan	Yen	203	220	235
Jordan	Dinar	.308	.339	.351
Kenya	Shilling	7.57	10.29	12.73
Korea, Rep. of	Won	660	701	749
Kuwait	Dinar	.271	.281	.289
Liberia	Dollar	1.00	1.00	1.00
Libya	Dinar	.296	.296	.296
Malaysia	Ringgit	2.22	2.24	2.32
Mexico	Peso	23.3	26.2	96.5
Netherlands	Guilder	2.13	2.47	2.62
New Zealand	NZ Dollar	1.04	1.21	1.37
Nicaragua	Cordoba	10.05	10.05	10.05
Nigeria	Naira	.544	.637	.670
Norway	Krone	5.18	5.81	7.05
Pakistan	Rupee	9.90	9.90	12.84
Peru	Sol	341.2	506.2	989.7
Philippines	Peso	7.60	8.20	9.17
Portugal	Escudo	53.0	65.2	89.1
Saudi Arabia	Riyal	3.33	3.42	3.44
Singapore	Dollar	2.09	2.05	2.11
South Africa	Rand	.746	.957	1.074
Spain	Peseta	79.3	97.5	125.6
Sri Lanka	Rupee	18.00	20.55	21.32
Sweden	Krona	4.37	5.57	7.29
Switzerland [3]	Franc	1.76	1.80	1.99
Tanzania	Shilling	8.18	8.32	9.57
Thailand	Baht	20.6	23.0	23.0
Turkey	Lira	90.2	133.6	186.8
United Kingdom	Pound	.419	.524	.619
Uruguay [1]	New Peso	10.03	11.59	33.75
Venezuela [1]	Bolivar	4.29	4.29	4.29
Yugoslavia	Dinar	29.3	41.8	62.5
Zaire	Zaire	2.985	5.465	5.746
Zambia	Kwacha	.803	.883	.930

[1] Selling rates: The rates at which monetary authorities (or commercial banks) sell foreign exchange for national currency to those making payments abroad. [2] Represents official rate. [3] Buying rates: The rates at which the monetary authorities (or the commercial banks) buy foreign exchange for national currency from recipients of foreign exchange.

Source: International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly.

No. 1539. Reserve Assets and Current Account and Merchandise Trade Balances: 1975 to 1982

[In millions of U.S. dollars. Assets include holdings of convertible foreign currencies, special drawing rights, and reserve position in International Monetary Fund and exclude gold holdings. Minus sign (–) indicates debits]

Country	Total reserve assets				Current account balance			Merchandise trade balance		
	1975	1980	1982		1975	1980	1982	1975	1980	1982
			Total	Currency holdings [1]						
United States	4,627	15,600	22,810	10,210	18,350	1,480	–11,190	9,080	–25,330	–36,390
Algeria	1,128	3,773	2,422	2,129	–1,662	249	(NA)	–951	4,056	(NA)
Argentina	288	6,719	2,506	2,406	–1,287	–4,774	–2,477	–549	–1,373	2,726
Australia	2,954	1,690	6,371	6,285	–1,060	–4,045	–8,601	2,212	1,518	–2,611
Austria	3,583	5,280	5,300	4,765	–331	–1,725	387	–1,547	–6,471	–3,291
Belgium	4,069	7,823	3,927	2,824	266	–4,945	(NA)	–769	–5,154	(NA)
Brazil	3,980	5,769	3,928	3,641	–7,008	–12,806	(NA)	–3,550	–2,823	(NA)
Canada	4,426	3,041	3,000	2,564	–4,696	–913	2,398	–378	8,013	15,417
Chile	56	3,123	1,814	1,717	–490	–1,971	–2,382	70	–764	218
Colombia	475	4,831	3,861	3,489	–108	–159	–2,267	293	–238	–1,946
Denmark	803	3,387	2,266	1,961	–490	–2,467	–2,259	–1,304	–2,023	–794
Ecuador	253	1,013	304	304	–220	–642	(NA)	7	302	(NA)
Egypt	194	1,046	698	698	–2,384	–438	(NA)	–2,374	–2,960	(NA)
Finland	433	1,870	1,518	1,317	–2,180	–1,395	–920	–1,626	–378	301
France	8,457	27,340	16,591	14,594	–6	–4,209	–12,155	993	–13,418	–16,030
Germany, Fed. Rep. of	26,216	48,012	44,762	39,620	3,630	–15,940	3,410	16,120	8,980	25,190
Greece	783	1,346	861	800	–877	–2,209	–1,892	–2,360	–5,557	–4,769
India	1,089	6,944	4,315	3,539	–147	–1,786	(NA)	–286	–5,644	(NA)
Indonesia	584	5,392	3,144	2,593	–1,109	2,865	(NA)	1,419	9,171	(NA)
Ireland	1,513	2,860	2,622	2,433	–56	–1,652	(NA)	–486	–2,122	(NA)
Israel	1,137	3,351	3,839	3,839	–2,113	–805	–2,099	–3,464	–3,183	–3,299
Italy	1,394	23,140	14,091	12,611	–422	–9,801	–5,766	–1,145	–16,417	–8,130
Japan	11,950	24,636	23,334	19,172	–690	–10,750	–1,300	4,940	2,130	9,990
Jordan	459	1,143	884	848	45	373	(NA)	–496	–1,557	(NA)
Korea, Republic of	781	2,925	2,807	2,744	–1,888	–5,321	–2,650	–1,671	–4,384	–2,594
Kuwait	1,492	3,929	5,913	5,336	5,799	15,271	5,786	6,137	13,647	3,501
Libya	2,095	13,091	7,059	6,708	392	8,239	(NA)	1,994	11,028	(NA)
Malaysia	1,456	4,387	3,768	3,509	–495	–362	(NA)	255	2,255	(NA)
Mexico	1,383	2,960	834	828	–4,042	–7,542	(NA)	–3,271	–2,310	(NA)
Netherlands	4,884	11,645	10,132	8,662	1,991	–2,938	3,526	893	–1,417	3,891
Nigeria	5,586	10,235	1,613	1,568	42	4,977	(NA)	2,845	9,494	(NA)
Norway	2,197	6,048	6,874	6,288	–2,478	1,098	805	–2,871	1,896	2,338
Pakistan	340	496	969	853	–1,049	–925	–821	–1,157	–2,876	–3,385
Peru	426	1,979	1,348	1,316	–1,540	62	–1,647	–1,098	836	–557
Philippines	1,314	2,846	1,720	1,717	–924	–2,046	(NA)	–1,196	–1,938	(NA)
Portugal	398	795	447	391	–754	–1,064	(NA)	–1,602	–4,029	(NA)
Saudi Arabia	23,193	23,437	29,549	23,813	14,311	41,400	(NA)	21,290	72,479	(NA)
Singapore	3,007	6,567	8,480	8,351	–685	–1,564	–1,279	–2,429	–4,229	–6,972
South Africa	489	726	485	376	–2,567	3,742	(NA)	–852	7,289	(NA)
Spain	5,506	11,863	7,655	7,223	–4,282	–5,167	–3,961	–7,400	–11,753	–9,181
Sweden	2,839	3,418	3,513	3,091	–342	–4,404	–3,454	1,078	–2,198	–415
Switzerland	7,019	15,656	15,460	14,941	2,587	–551	(NA)	–9	–5,902	(NA)
Thailand	1,679	1,560	1,538	1,513	–606	–2,070	–1,125	–661	–1,903	–891
Trinidad and Tobago	751	2,781	3,081	2,893	272	474	(NA)	311	836	(NA)
Turkey	918	1,274	923	923	–1,848	–2,982	(NA)	–2,834	–3,799	(NA)
United Kingdom	4,597	20,651	12,397	9,674	–3,463	7,080	6,896	–7,460	3,047	3,729
Venezuela	8,403	6,604	6,579	5,386	2,171	4,728	(NA)	3,391	8,174	(NA)
Yemen Arab Republic	338	1,283	554	539	129	–685	(NA)	–231	–1,855	–1,921
Yugoslavia	812	1,384	775	772	–626	–2,290	–465	–2,985	–4,836	–1,982

NA Not available. [1] Holdings of convertible foreign currencies.

Source: International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly with annual supplements.

NO. 1540. TOTAL EXTERNAL PUBLIC DEBT, 1973 TO 1981, AND BY TYPE OF CREDITOR, 1981, AND DEBT SERVICE PAYMENTS AND RATIO, 1975 TO 1981

[External public debt is defined as debt repayable to external creditors in foreign currency, goods, or services, with an original or extended maturity of more than one year, which is a direct obligation of, or has repayment guaranteed by, a public body in the borrowing country. Excludes undisbursed debt (amounts not yet drawn by recipient) and unguaranteed private debt, which for some countries is substantial. Debt contracted for the purchase of military equipment is not usually reported. Debt service payments represent the sum of interest payments and repayments of principal on external public debt]

COUNTRY	TOTAL EXTERNAL PUBLIC DEBT (mil. dol.)							DEBT SERVICE PAYMENTS (mil. dol.)			DEBT SERVICE RATIO [3] (percent)		
				1981									
	1973	1975	1980	Total [1]	Bilateral official	Banks [2]	International organizations	1975	1980	1981	1975	1980	1981
Afghanistan	734	820	(NA)	(NA)	(NA)	(NA)	(NA)	27	(NA)	(NA)	(NA)	(NA)	(NA)
Algeria	2,932	4,477	15,078	14,392	2,259	8,891	287	457	3,710	3,880	8.7	24.9	(NA)
Argentina	2,783	3,121	10,187	10,506	683	7,156	1,231	789	1,987	2,150	22.0	17.7	18.2
Bangladesh	368	1,611	3,520	3,850	2,086	34	1,621	66	76	98	16.2	5.6	6.9
Bolivia	632	799	2,124	2,422	764	1,006	559	74	274	279	15.0	25.9	27.0
Brazil	7,531	13,849	39,151	43,821	3,798	35,153	3,447	1,692	8,022	8,607	17.0	34.4	31.9
Burma	232	281	1,453	1,639	885	203	410	34	112	137	17.4	22.6	22.1
Cameroon	237	372	1,997	2,034	778	613	530	36	183	200	5.3	(NA)	(NA)
Chile	2,813	3,732	4,720	4,423	1,014	2,570	402	502	1,375	1,663	27.2	21.9	27.2
Colombia	1,949	2,372	4,078	5,123	1,027	2,254	1,597	238	528	665	10.6	9.3	13.4
Congo	206	374	942	1,105	412	404	140	36	99	108	13.2	9.6	9.2
Costa Rica	249	421	1,682	2,246	449	1,255	486	64	204	190	10.7	16.8	15.3
Dominican Rep	314	411	1,188	1,260	519	460	278	49	157	201	4.7	10.6	(NA)
Ecuador	336	462	2,655	3,392	432	2,248	464	51	409	536	4.5	13.7	17.9
Egypt	2,224	4,829	12,795	13,887	8,420	658	3,171	595	1,438	2,065	22.5	15.6	22.7
Ethiopia	256	344	689	792	317	30	410	25	34	40	7.3	5.8	7.6
Gabon	346	735	1,189	915	278	499	59	69	390	300	5.5	16.0	11.9
Ghana	704	677	993	979	464	(NA)	335	46	68	78	5.3	5.3	9.1
Greece	1,652	2,633	4,785	5,817	594	4,684	457	457	912	1,326	10.5	9.7	12.9
Guatemala	112	164	561	684	256	(NA)	428	13	65	50	1.7	3.5	3.3
Guinea	605	762	1,023	1,255	878	45	188	35	96	83	(NA)	(NA)	(NA)
Honduras	134	264	981	1,223	296	284	558	17	98	115	4.7	10.2	12.7
India	10,404	12,244	17,576	17,975	9,411	662	7,801	754	1,056	1,025	12.4	(NA)	(NA)
Indonesia	5,249	7,994	14,882	15,529	7,704	4,287	2,042	524	1,772	1,974	7.5	8.0	8.2
Iran	4,470	3,815	(NA)	(NA)	(NA)	(NA)	(NA)	948	(NA)	(NA)	4.1	(NA)	(NA)
Iraq	449	431	(NA)	(NA)	(NA)	(NA)	(NA)	64	(NA)	(NA)	.7	(NA)	(NA)
Israel	4,527	5,915	12,633	13,866	9,215	4,509	128	712	1,175	2,075	18.6	11.6	19.1
Ivory Coast	580	923	4,265	4,497	565	2,893	592	131	830	902	8.7	22.2	(NA)
Jamaica	349	688	1,314	1,435	583	447	350	81	202	352	6.9	13.7	22.5
Jordan	209	340	1,266	1,419	951	240	195	21	134	182	3.6	5.4	5.7
Kenya	440	553	2,079	2,228	569	752	772	36	210	293	3.6	10.4	17.1
Korea, Rep. of	3,521	5,539	16,274	19,964	4,991	9,721	2,711	666	2,762	3,597	11.3	12.2	13.1
Lebanon	56	46	194	246	49	113	85	11	13	54	(NA)	(NA)	(NA)
Malaysia	720	1,338	3,103	4,627	761	2,958	849	144	326	402	3.3	2.2	3.1
Mali	282	332	673	738	474	7	250	3	9	9	2.7	2.7	3.8
Mauritania	106	188	723	827	556	38	172	40	30	54	20.7	10.9	15.8
Mexico	5,585	11,537	33,591	42,716	1,664	37,095	3,666	1,593	7,868	8,482	25.0	31.8	28.2
Morocco	998	1,753	7,098	7,879	3,507	3,146	1,003	145	1,191	1,233	5.7	27.5	30.1
Nicaragua	334	600	1,695	1,975	664	746	551	56	77	184	12.3	(NA)	(NA)
Nigeria	1,157	1,056	4,001	4,652	363	3,660	621	247	500	857	2.7	1.8	4.6
Oman	42	270	450	556	289	225	41	35	288	95	2.4	7.5	1.9
Pakistan	4,232	5,096	8,779	8,814	6,401	368	1,902	250	592	529	15.5	11.1	9.6
Panama	458	771	2,248	2,368	243	1,737	358	72	465	492	5.9	12.8	11.5
Peru	1,442	3,021	6,168	5,974	2,483	2,162	648	441	1,504	1,895	25.6	31.0	44.9
Philippines	877	1,377	6,406	7,388	1,348	3,732	2,007	220	582	875	6.9	7.2	9.9
Portugal	714	1,060	5,625	6,313	1,481	3,924	470	112	988	1,248	2.7	10.1	13.5
Senegal	176	296	867	945	372	185	349	39	177	94	5.5	(NA)	(NA)
Singapore	423	550	1,320	1,316	339	613	174	55	263	229	.7	1.1	.6
Somalia	127	230	725	877	575	25	277	4	9	16	3.4	3.5	6.1
Sri Lanka	485	597	1,327	1,585	916	254	374	138	82	91	21.5	5.5	5.7
Sudan	501	1,273	3,891	4,807	2,510	1,206	893	112	89	83	21.7	6.9	5.0
Syria	413	674	2,269	2,337	1,867	43	352	105	402	411	7.6	12.0	12.1
Tanzania	464	798	1,360	1,476	747	67	661	29	52	107	2.9	7.2	(NA)
Thailand	442	616	4,128	5,169	1,349	2,245	1,495	72	434	621	2.4	5.1	6.7
Trinidad and Tobago	164	159	606	659	191	407	61	27	222	98	2.1	6.5	(NA)
Tunisia	810	1,021	3,173	3,171	1,608	870	526	101	427	507	6.8	12.7	13.9
Turkey	2,869	3,165	13,477	13,809	6,292	4,000	2,614	263	1,001	1,168	7.9	17.4	15.0
Uruguay	347	618	1,080	1,312	137	965	179	229	191	174	41.2	12.0	9.5
Venezuela	1,541	1,262	10,873	11,352	160	10,826	160	539	2,964	3,049	5.3	13.3	12.5
Yemen Arab Rep	173	244	876	1,094	868	14	213	5	18	59	1.3	1.1	4.6
Yugoslavia	1,875	2,325	4,551	5,266	2,374	1,369	1,523	452	615	808	5.8	3.5	(NA)
Zaire	904	1,718	3,817	3,960	2,098	1,101	471	152	318	212	14.4	(NA)	(NA)
Zambia	704	1,156	2,418	2,294	1,090	418	471	97	326	294	11.0	22.2	24.0

NA Not available. [1] Includes other types of creditors, not shown separately. [2] Includes other private financial institutions. [3] Debt service payments as percent of exports.

Source: The World Bank, Washington, D.C., *World Debt Tables*, periodic.

No. 1541. Net Flow of Financial Resources to Developing Countries, by Origin and Type of Resource: 1970 to 1982

[*In billions of U.S. dollars. Net flow covers loans, grants, and grant-like flows minus amortization on loans. Military flows are excluded. Developing countries cover countries designated by Development Assistance Committee as developing. The DAC list differs from the UN list (see table 1503) by the inclusion of Greece, Malta, Portugal, Spain (through 1981), and Yugoslavia and the exclusion of South Africa. Official development assistance covers all flows to developing countries and multilateral institutions provided by official agencies, including State and local governments, or by their executive agencies, which are administered with the promotion of economic development and welfare of developing countries as their main objective and whose financial terms are intended to be concessional in character with grant element of at least 25 percent. Other official flows cover export credits and portfolio investment from the official sector*]

ORIGIN AND TYPE OF RESOURCE	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Development Assistance Committee countries [1]	15.9	22.5	44.8	46.5	51.8	71.2	75.8	75.6	89.7	82.7
Official development assistance	6.9	11.6	13.8	13.9	15.7	20.0	22.8	27.3	25.6	27.9
Bilateral grants [2]	3.3	5.3	6.3	6.5	7.2	9.4	11.7	14.1	13.2	13.4
Bilateral loans	2.4	2.9	3.5	3.0	2.9	3.7	4.6	4.0	5.1	5.1
Multilateral contributions [3]	1.3	3.4	4.0	4.4	5.6	6.9	6.5	9.2	7.3	9.3
Other official flows	1.1	3.0	3.9	4.1	3.3	5.4	2.9	5.3	6.6	7.9
Private flows at market terms	7.0	6.7	25.7	27.0	31.2	44.1	48.1	40.7	55.5	44.7
Direct investment	3.7	1.1	10.3	7.5	9.5	10.9	12.4	10.5	15.7	9.8
Private export credits	2.2	1.8	3.5	6.2	8.3	9.9	9.4	11.5	10.5	7.2
Portfolio investment	1.2	3.8	11.9	13.3	13.4	23.3	26.3	18.7	29.2	27.7
Private voluntary agencies	.9	1.2	1.3	1.4	1.5	1.7	2.0	2.4	2.0	2.3
Organization of Petroleum Exporting Countries [4]	.6	5.2	7.8	7.8	7.3	9.3	9.0	11.6	11.5	9.7
Official development assistance	.4	4.3	6.2	6.1	6.1	8.1	7.8	9.7	8.5	6.7
Other official flows	.2	.9	1.6	1.7	1.2	1.2	1.2	2.1	3.0	3.0
Centrally-planned economies [5]	1.1	1.4	.8	1.2	1.2	1.3	(NA)	(NA)	(NA)	(NA)
Official development assistance	1.0	1.3	.7	1.1	1.1	1.2	1.8	2.2	2.1	2.2
Other official flows	.1	.1	.1	.1	.1	.1	(NA)	(NA)	(NA)	(NA)
Total net flow to developing countries, by DAC country [1]	15.9	22.5	44.8	46.5	51.8	71.2	75.8	75.6	89.7	82.7
United States	6.4	4.5	17.7	12.4	12.4	16.2	18.8	13.9	23.4	30.2
Official development assistance	3.2	3.7	4.2	4.4	4.7	5.7	4.7	7.1	5.8	8.2
Bilateral grants [2]	1.4	1.7	1.7	1.7	1.7	2.1	2.5	3.0	3.2	3.8
Bilateral loans	1.3	.8	1.2	1.2	1.2	1.4	1.6	1.4	1.2	1.1
Multilateral contributions [3]	.5	1.1	1.2	1.5	1.8	2.2	.6	2.8	1.5	3.3
Other official flows	.1	.8	.9	.8	.8	1.3	1.1	1.1	.9	1.6
Private flows at market terms	2.5	−.7	11.8	6.4	6.2	8.3	12.0	4.3	18.7	19.1
Direct investment	1.9	−2.2	7.2	3.1	4.9	5.6	8.0	3.4	6.5	5.5
Private export credits and portfolio investment	.6	1.5	4.6	3.3	1.3	2.7	4.0	.9	12.2	13.6
Private voluntary agencies	.6	.7	.8	.8	.8	.9	1.0	1.3	1.0	1.3
Australia	.4	.5	.6	.5	.6	.7	.9	.9	.8	1.2
Austria	.1	.2	.2	.4	.5	.5	.3	.3	.4	.3
Belgium	.3	.6	.9	1.2	1.3	2.8	2.3	2.9	2.8	.7
Canada	.6	1.7	2.0	2.3	2.3	2.4	2.3	3.5	4.1	1.5
Denmark	.1	.2	.3	.5	.5	.7	.8	.8	.9	1.0
Finland	(Z)	.1	.1	.1	.1	.1	.2	.2	.2	.2
France	1.8	3.4	3.9	5.3	5.2	7.9	8.8	11.6	11.5	13.6
Germany, Fed. Rep. of	1.5	3.2	5.0	5.5	6.1	7.6	7.3	10.6	8.1	7.0
Italy	.7	.4	1.6	1.5	2.0	3.2	4.1	4.0	3.7	4.7
Japan	1.8	3.0	2.9	4.0	5.5	10.7	7.6	6.8	12.2	8.8
Netherlands	.4	.9	1.3	1.7	2.1	2.7	2.0	2.4	2.2	2.5
New Zealand	(Z)	.1	.1	.1	.1	.1	.1	.1	.1	.1
Norway	.1	.2	.3	.5	.5	.6	.8	.9	.7	.8
Sweden	.2	.6	.8	1.1	1.6	1.3	1.2	1.9	1.4	1.8
Switzerland	.1	.4	.7	1.4	3.9	3.7	5.0	2.7	2.3	2.3
United Kingdom	1.3	2.6	6.6	8.1	7.1	9.9	13.5	12.2	11.9	6.1

NA Not available. Z Less than $50 million. [1] Includes flows to OPEC countries (see footnote 4). Comprises as donors Australia, Austria, Belgium, Canada, Denmark, Finland, France, Federal Republic of Germany, Italy, Japan, Netherlands, New Zealand, Norway, Sweden, Switzerland, United Kingdom, and United States. [2] Includes "grant-like" flows (i.e., loans repayable in recipients' currencies). [3] Includes capital subscriptions to multilateral organizations in the form of demand instruments as of date of issue. [4] Algeria, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela. [5] Bulgaria, Czechoslovakia, German Democratic Republic, Hungary, Poland, Romania, and Soviet Union.

No. 1542. Per Capita Public and Private Aid to Developing Countries: 1980 to 1982

[**In dollars.** See headnote, table 1541. Private aid figures exclude government subsidies to voluntary agencies. Countries are ranked by per capita gross national product in 1982.]

COUNTRY	OFFICIAL DEVELOPMENT ASSISTANCE			PRIVATE VOLUNTARY AID			COUNTRY	OFFICIAL DEVELOPMENT ASSISTANCE			PRIVATE VOLUNTARY AID		
	1980	1981	1982	1980	1981	1982		1980	1981	1982	1980	1981	1982
Switzerland	40	37	39	10	9	9	Finland	23	28	30	3	3	3
Norway	119	114	136	8	9	9	Netherlands	115	106	103	6	6	8
United States	**31**	**25**	**35**	**6**	**4**	**6**	Japan	29	27	26	(Z)	(Z)	(Z)
Sweden	116	110	119	7	7	7	Austria	24	42	47	3	3	2
Canada	45	49	49	4	4	5	Belgium	60	58	51	5	4	3
Germany, F.R.	58	52	51	7	6	6	United Kingdom	33	39	32	2	2	2
Denmark	92	79	81	3	2	2	New Zealand	23	21	21	2	2	1
Australia	45	43	59	3	2	2	Italy	12	12	14	(Z)	(Z)	(Z)
France	77	77	74	1	1	1							

Z Less than 50 cents.

Source of tables 1541 and 1542: Organization for Economic Cooperation and Development, Paris, France, unpublished data.

APPENDIX I

Historical Series—Index to Tables in Which *Historical Statistics* Series Appear

[The most recent historical supplement to the *Statistical Abstract* is the bicentennial edition, *Historical Statistics of the United States, Colonial Times to 1970* (see inside back cover). Listed below are statistical time series (identified by number) appearing in this edition, for which tables in the *Statistical Abstract* present comparable figures. Historical series are listed only where related or comparable data are available for one or more years later than 1970. In a few instances, it may be necessary to combine figures shown in the *Abstract* to obtain totals comparable to the series shown in *Historical Statistics*]

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A 9-22	5
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A 73-90	27
A 119-134	33
A 143-149	32
A 158-159	120
A 160-171	50
A 172	12
A 195-198	12
A 197-198	36
A 199-201	37
A 210-263	338
A 264-275	20
A 276-287	21
A 288-319	60
A 320-334	61
A 335-349	62
A 353-358	69
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B 149-166	109
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B 248-261	145
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C 144	134
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C 158-160	134
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C 168	141
C 169-179	143
C 180	141
C 296-331	414
D	
D 11-19	670
D 29-41	672
D 42-48	671
D 49-62	683
D 85-86	670
D 87-101	699
D 116-126	689
D 127-141	705
D 142-151	707
D 182-232	693
D 233-682	696
D 689-704	709
D 739-764	710
D 802-810	707
D 877-892	707
D 893-904	710
D 918-919	167
D 921-926	587
D 933-934	726
D 946-951	726
E	
E 1-22	799
E 23-29	803
E 73-86	802
E 123-134	805
E 135-173	809
E 203-211	822
F	
F 5	735
F 6-9	737
F 10-16	741
F 17-30	739
F 31	740
F 32-70	734
F 130-143	738
F 144-162	737
F 163-185	745
F 192-209	746
F 226-237	747
F 262-286	749
F 297-348	750
F 480-527	911
F 528-534	1337
F 552-565	752
F 566-594	753
G	
G 1-8	762
G 16-23	762
G 31-138	765
G 179-188	767
G 190-192	762
G 197-199	762
G 205-256	770
G 257-268	773
G 416-469	744
G 851-856	202
G 881-915	201
H	
H 1-47	604
H 51-56	613
H 57-69	614
H 115-124	637
H 125-171	612
H 172-185	618
H 186-196	613
H 197-229	622
H 238-242	621
H 245-259	624
H 262-270	632
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H 305-317	648
H 332-345	646
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H 355-367	651
H 392-397	650
H 398-411	665
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H 442-476	219
H 487-507	228
H 513-519	210
H 520-530	228
H 531-534	242
H 535-544	247
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H 587-597	250
H 598-601	255
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H 669-688	227
H 690-692	263
H 699-705	257
H 705	263
H 710	257
H 729-738	266
H 747-749	266
H 751-763	275
H 767-771	1035
H 774	1035
H 776-780	1035
H 793-799	80
H 806-828	385
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H 871	403
H 872	404
H 874	403
H 875-876	400
H 877	403
H 878-893	391
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H 921-940	413
H 946-951	412
H 952-961	285
H 971-978	293
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J 71	341
J 76	341
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[See headnote, p. 891]

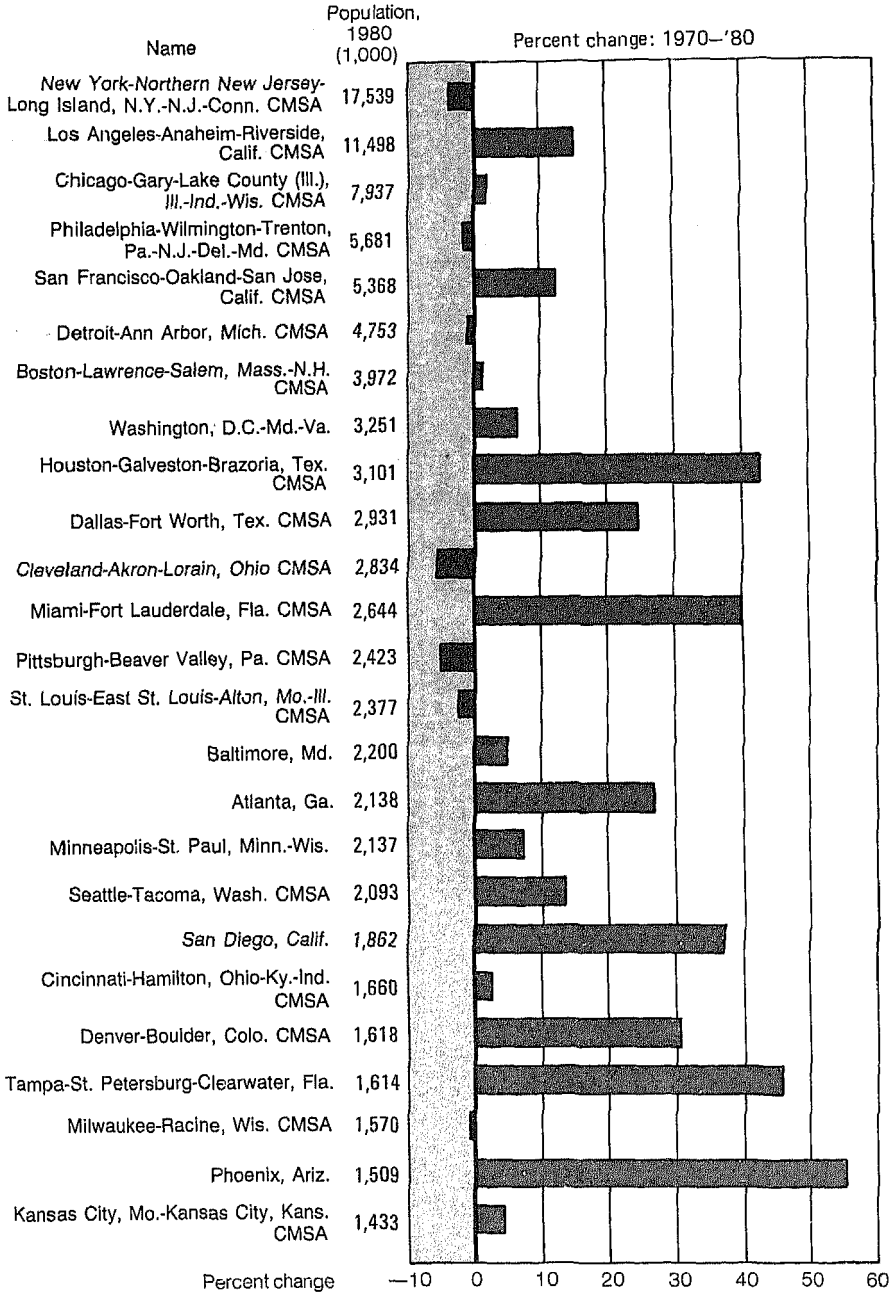
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M 178	1283
M 181	1283
M 188–189	1297
M 190	1297
M 191–192	1298
M 193	1297
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M 195–199	1301
M 201–202	1300
M 203–204	1299
M 205–211	1303
M 225–226	1310
M 227–228	1306
M 231–234	1308
M 235–241	1305
M 242–248	1302
M 249–250	1312
M 256–257	1313
M 258–262	1314
M 266–267	1311
M 268–269	1304
M 271–286	1273
N	
N 1–29	1321
N 66–69	1321
N 78–100	1324
N 118–137	1319
N 140–155	1320
N 156–163	1329
N 170	1329
N 186–191	1352
N 200–223	1337
N 238–245	1344
N 249–258	1354
N 266–267	858
N 273	857
N 276	857
N 291–297	1362
N 300	854
N 302–307	1357
P	
P 1–12	1366
P 13	1368
P 18–39	1368
P 58–67	1371
P 74–92	1373
P 93–106	928
P 107–122	1378
P 177–180	1389
P 205–211	1375
P 229–230	1395
P 233–234	1215
P 235	1392
P 236a	1392
P 239–241	1394
P 242–243	1400
P 248–249	1403
P 251	1403
P 260–261	1401
P 265–269	1408
Q	
Q 1–22	1048
Q 36–42	1046
Q 50	1051
Q 55	1051
Q 69–75	1086
Q 90–94	1057
Q 136–147	1060
Q 148–155	1063
Q 156–162	1074
Q 163–174	884
Q 199–207	1073
Q 208	1064
Q 224–232	1064
Q 233–234	1059
Q 238–250	1083
Q 284–312	1088
Q 301–305	1094
Q 319	1090
Q 330	1088
Q 332	1092
Q 356–363	1088
Q 364–366	1089
Q 367–377	1088
Q 378	1089
Q 385–387	1095
Q 388–399	1094
Q 400–401	1095
Q 414–416	1129
Q 438–448	1124
Q 449–458	1126
Q 467–472	1127
Q 473–480	1131
Q 487–502	1125
Q 507–517	1122
Q 524–529	1119
Q 530–541	1113
Q 577–590	1099
Q 591–603	1098
Q 604–623	1102
Q 624–633	1099
R	
R 1–16	948
R 17–30	945
R 31–45	946
R 46–70	944
R 75–88	944
R 106–122	951
R 123–139	950
R 140–148	952
R 163–171	937
R 172–186	940
R 187	939
R 188–191	941
R 191–216	393
R 218–223	961
R 232–243	960
S	
S 1–14	975
S 32–52	998
S 78–82	998
S 86–107	998
S 133–146	1002
S 160–175	1009
S 190–204	1006
S 205–218	1005
T	
T 1–14	1423
T 15–28	1424
T 43–47	1425
T 79–196	1434
T 197–219	1428
T 245–271	1427
T 274–287	1440
T 280–371	1442
T 375–383	1439
T 391–401	1444
T 444–471	968
T 472–484	967
U	
U 1–25	1451
U 26–39	1454
U 41–46	1460
U 47–74	1456
U 75–186	1462
U 190–195	1467
U 207–212	1477
U 225–248	1470
U 249–263	1471
U 264–273	1468
U 274–294	1475
U 295–316	1476
U 317–352	1473
V	
V 1–12	887
V 20–30	896
V 21–24	895
V 42–53	890
V 78–107	920
V 108–127	909
V 129–136	907
V 137	533
V 141–166	901
V 167–183	910
V 182–196	533
V 197–212	1002
V 306–332	915
W	
W 14	708
W 17	708
W 19	708
W 22–25	709
W 30–54	708
W 62–65	708
W 67–81	1183
W 82–95	965
W 96–108	934
W 109–125	1016
W 126	1017
W 142	1019
W 144–160	1020
W 167	1029
X	
X 64–105	832
X 114–147	829
X 192	828
X 229	828
X 410–417	865
X 423	862
X 444–453	867
X 454–455	868
X 474–491	870
X 492–498	872
X 499–500	873
X 505–506	873
X 517–530	871
X 536–539	877
X 551–560	859
X 588–609	841
X 687–688	848
X 716–724	837
X 717–721	842
X 741	840
X 748	840
X 756	840
X 761	840
X 796–805	834
X 821–833	848
X 834–844	850
X 864–878	852
X 879–889	879
X 890–907	878
X 908–917	861
X 918	883
X 923	883
X 928	883
X 933	883
X 940	883
X 957–962	885
Y	
Y 79–83	415
Y 84–134	418
Y 135–186	417
Y 189–198	424

Historical Series—Index to Tables in Which *Historical Statistics* Series Appear—Continued

[See headnote, p. 891]

Historical Statistics series	1984 *Abstract* table number	*Historical Statistics* series	1984 *Abstract* table number	*Historical Statistics* series	1984 *Abstract* table number	*Historical Statistics* series	1984 *Abstract* table number
Y 199–203	425	Y 339–342	498	Y 466–487	507	Y 904–916	572
Y 204–210	423	Y 343–351	503	Y 493–494	511	Y 943–956	592
Y 211–214	421	Y 358–373	521	Y 497	514	Y 971–983	595
Y 220–271	420	Y 381–392	532	Y 500–504	514	Y 998–999	596
Y 272–307	487	Y 393–411	523	Y 505–637	452	Y 1010–1027	600
Y 308–317	542	Y 412–439	527	Y 638–651	457		
Y 318–331	539	Y 458–460	553	Y 652–848	452		
Y 335–338	500	Y 461	511	Y 856–903	579		

Top 25 Metropolitan Areas: 1980



Note: Metropolitan statistical areas (MSA) defined as of June 30, 1983.

Source: Chart prepared by U.S. Bureau of the Census. For data see table 23.

Appendix II

Metropolitan Area Concepts and Components

Statistics for metropolitan areas shown in the *Statistical Abstract* represent areas designated by the U.S. Office of Management and Budget (OMB) as standard metropolitan statistical areas (SMSA's) or metropolitan statistical areas (MSA's). Effective June 30, 1983, OMB changed the basic term from SMSA to MSA and revised the geographic definitions of many individual metropolitan areas; some new areas were defined, and some areas were redesignated as PMSA's or CMSA's (see further explanation below). The revised definitions appear in OMB press release 83-20 of June 27, 1983. The official standards for defining MSA's appeared in the Federal Register, January 3, 1980 (part 6).

The list of areas which follows (see p. 898) specifies components and population totals and refers to the definitions in effect on June 30, 1983. On that date, there were 257 MSA's, as well as 23 CMSA's comprising 78 PMSA's (including 4 MSA's, 1 CMSA, and 2 PMSA's in Puerto Rico). The figures in tables A, B, and C below (see pp. 896 and 897), exclude the areas in Puerto Rico.

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. Standard definitions of metropolitan statistical areas were first issued in 1949 by the then Bureau of the Budget (predecessor of OMB), under the designation "Standard Metropolitan Areas"; the term was changed to SMSA in 1959. From 1977 to 1981, the SMSA's were the responsibility of the Office of Federal Statistical Policy and Standards, Department of Commerce.

The criteria for the establishment and definition of SMSA's were modified in 1958, 1971, and 1975. The current standards were adopted in January 1980; they provide that each MSA must include at least:

(a) One city with 50,000 or more inhabitants, or

(b) A Census Bureau-defined urbanized area of at least 50,000 inhabitants *and* a total MSA population of at least 100,000 (75,000 in New England).

The standards provide that the MSA include as "central county(ies)" the county in which the central city is located, and adjacent counties, if any, with at least 50 percent of their population in the urbanized area. Additional "outlying counties" are included if they meet specified requirements of commuting to the central counties and of metropolitan character (such as population density and percent urban). In New England the MSA's are defined in terms of cities and towns rather than counties.

The 1980 standards provide that within metropolitan complexes of 1 million or more population, separate component areas are defined if specified criteria are met. Such areas are designated primary metropolitan statistical areas (PMSA's); and any area containing PMSA's is designated a consolidated metropolitan statistical area (CMSA). Besides the 23 CMSA's, there are 12 MSA's of 1 million or more, within which no component met the requirements for recognition as a PMSA. Of the 78 PMSA's most were formerly SMSA's, but 18 were newly establishd in 1983.

Of the 23 CMSA's most were previously recognized as standard consolidated statistical areas (SCSA's), but 7 were formerly SMSA's within which PMSA's were newly qualified in 1983.

The standards adopted in 1980 were implemented in two stages. First, they were used to define a group of 36 new areas in June 1981. The 323 SMSA's as of June 30, 1981 were reported in the 1980 census tabulations and publications. Next, the boundaries of all SMSA's were reviewed in 1982-83 under the new standards after 1980 commuting data became available.

Revised 1980 standards for determining central cities and titles were implemented as part of the 1982-83 review. The largest city in each MSA is designated a "central city"; in addition there may be additional central cities if specified requirements are met. The title of each MSA consists of the name(s) of up to three of its central cities and the name of each State into which the MSA extends. However, a central city is generally not included in an MSA title unless it has at least one-third the population of the area's largest city. Prior to 1983, virtually all central cities appeared in area titles. An MSA may include other cities of 50,000 or more besides its central or title cities.

In 1982, the second edition of the *State and Metropolitan Area Data Book* was released. This publication presents a variety of statistical information for SMSA's and their component counties, reflecting the 1981 definitions of SMSA's.

New England MSA's and NECMA's.—Because MSA's in New England are defined in terms of cities and towns rather than counties, some statistical data that are available only for counties cannot be compiled for individual New England MSA's. Therefore, for New England areas, data are shown for both New England County Metropolitan Areas (NECMA's) and MSA's wherever possible. The NECMA's provide a county version of the New England areas, but do not replace New England MSA's as the standard areas. NECMA's are defined corresponding to the 3 CMSA's in New England and for the portion of the New York-Northern New Jersey-Long Island CMSA in Connecticut. There are no NECMA definitions corresponding to New England PMSA's.

Effect of changes in MSA definition.—Changes in the definitions of MSA's since 1949 have consisted chiefly of (1) the recognition of new areas as, for example, cities reached 50,000 population; and (2) the addition of counties (or towns in New England) to existing MSA's as new census data showed them to qualify. Also, several formerly separate MSA's have been merged, and occasionally territory has been transferred from one MSA to another or from an MSA to nonmetropolitan territory. Comparisons of MSA figures over time may be affected in cases where the MSA definitions were changed. To maintain comparability, data for an earlier period have been revised in this volume where possible, to reflect the MSA boundaries of the more recent period. However, this could not always be done; for data based on a sample survey, in particular, it is usually not possible to revise the data to reflect changes in MSA definitions that occurred after the survey was made.

In the three tables that follow, data are given for MSA's as defined for specified dates, thereby indicating the extent of change in population and land area resulting from revisions in definitions.

TABLE A. NUMBER, POPULATION, AND LAND AREA OF MSA'S AS DEFINED AT SPECIFIED DATES: 1940 TO 1980

[The differences in population shown here for each year in the successive columns of the table result entirely from net expansion of metropolitan territory through changes in the MSA definitions. The differences in population shown for each MSA definition (on the successive lines of the table) result entirely from population changes within that territory, unaffected by changes in MSA definitions. The changes in 1970 land area result entirely from net expansion of MSA territory. All data include Alaska and Hawaii and exclude Puerto Rico. Subtraction of any line of the table from the line below will show the net effect of change in population and land area undergone by the MSA's as the result of changes in definitions between the specified dates. Such changes typically occurred throughout the period, not on any single date, and may have included subtractions from, as well as additions to, MSA territory. Census population data for 1970 include corrections made since publication. The area data for the 1950 and 1960 census definitions of MSA's differ from the data published in those censuses because they are based on a remeasurement of land areas made during the 1960's, and also reflect changes in inland water area occurring up to 1970]

MSA DEFINITION AS OF—	Number of MSA's	POPULATION					Land area, 1970 (sq. mi)
		1940, Apr. 1	1950, Apr. 1	1960, Apr. 1	1970, Apr. 1	1980, Apr. 1	
1950 census (Mar. 1952)	169	[1] 69,534,737	[2] 84,853,700	106,344,548	122,184,836	128,839,422	207,455
1960 census (Nov. 1960)	212	[3] 72,844,551	89,316,903	[4] 112,885,139	130,982,661	140,793,427	309,659
1964 (Aug. 31) [5]	217	74,869,415	91,644,188	115,876,343	134,700,911	145,503,863	349,557
1968 (Jan. 31) [6]	230	76,408,154	93,629,986	118,413,604	137,976,252	149,811,057	378,322
1970 census (Feb. 28, *1971*)	243	77,154,871	94,579,008	[7] 119,593,498	[8] 139,479,806	151,662,221	[9] 387,598
1974 (Apr. 30) [10]	265	[11] 82,037,746	[12] 100,219,707	[13] 126,613,710	148,198,993	162,753,335	491,095
1977 (Dec. 31) [14]	277	82,804,912	101,109,145	127,674,818	149,482,664	164,383,496	510,445
1980 census (June 30, *1981*)	318	85,398,406	104,172,653	131,318,714	153,693,767	169,430,623	[15] 566,148
1983 (June 30)	257	86,299,457	105,198,910	132,602,460	155,340,895	171,591,706	[15] 560,994

[1] Corresponds to total 1940 population for 1950 MSA's published in 1950 census (69,279,675), with addition of Honolulu MSA, and corrected by subtracting population (3,194) of Colonial Heights town erroneously included in Richmond MSA. [2] Corresponds to total MSA population for 1950 published in 1950 census (84,500,680) plus Honolulu MSA. [3] Corresponds to total 1940 population for 1960 MSA's published in 1960 census (72,834,468), corrected by adding population (13,277) erroneously omitted from Stamford MSA (remainder of Stamford town), and subtracting population (3,194) of Colonial Heights town erroneously included in Richmond MSA. [4] Corresponds to total MSA population for 1960 published in 1960 census (112,885,178), corrected by subtracting population (39) erroneously included in Franklin County, Ohio (Columbus MSA). [5] MSA's as defined for the 1963 economic censuses. [6] MSA's as defined for the 1967 economic censuses. [7] Corresponds to total 1960 population for 1970 MSA's published in 1970 census (119,594,754), corrected by subtracting 1,256 population from Lawrence-Haverhill MSA; this represented an addition to the 1960 population of Andover town made subsequent to the original census tabulations, and therefore not reflected in State or national totals. [8] Corresponds to total MSA population for 1970 published in 1970 census (139,418,811), plus net corrections made subsequent to publication. [9] Corresponds to total MSA land area published in 1970 census (387,616 square miles), corrected by subtracting 15 square miles erroneously included in Roanoke MSA and 3 square miles included due to erroneous addition of area data. [10] MSA's as defined for the 1972 economic censuses. [11] Includes estimated 1939 population (4,429) of Anchorage Census Division, as defined in 1970. [12] Includes estimated 1950 population (32,060) of Anchorage Census Division, as defined in 1970. [13] Includes 1960 population (82,833) of Anchorage Census Division, as defined in 1970. [14] MSA's as defined for the 1977 economic censuses. [15] Land area, 1980.

Source: U.S. Bureau of the Census, 1940–1970, *U.S. Census of Population*, vol. 1 and *1980 Census of Population*, vol. 1, chapters A and B.

TABLE B. NONMETROPOLITAN POPULATION AND LAND AREA AT SPECIFIED DATES: 1940 TO 1980

[See headnote for table A, p. 896. Nonmetropolitan population and land area are equivalent to that portion of the total national population and land area not included within MSA's at the dates specified]

NONMETROPOLITAN POPULATION AS OF—	POPULATION					Land area, 1970 (sq. mi.)
	1940, Apr. 1	1950, Apr. 1	1960, Apr. 1	1970, Apr. 1	1980, Apr. 1	
1950 census (Mar. 1952)	62,629,832	66,472,098	72,976,627	81,117,195	97,706,383	3,329,400
1960 census (Nov. 1960)	59,320,018	62,008,895	66,438,036	72,319,370	85,752,378	3,227,196
1964 (Aug. 31)	57,295,154	59,681,810	63,446,832	68,601,120	81,041,942	3,187,298
1968 (Jan. 31)	55,756,415	57,695,812	60,909,571	65,325,779	76,734,748	3,158,533
1970 census (Feb. 28, 1971)	55,009,698	56,746,790	59,729,677	63,822,225	74,883,584	3,149,257
1974 (Apr. 30)	50,126,823	51,016,091	52,709,465	55,103,038	63,792,470	3,045,760
1977 (Dec. 31)	49,359,657	50,216,653	51,648,357	53,819,367	62,162,309	3,026,410
1980 census (June 30, 1981)	46,766,163	47,152,945	48,004,461	49,608,264	57,115,182	[1] 2,973,141
1983 (June 30)	45,865,112	46,126,888	46,720,715	47,961,136	54,954,099	[1] 2,978,295

[1] Land area, 1980.

Source: U.S. Bureau of the Census, 1940–1970, *U.S. Census of Population*, vol. 1; *1980 Census of Population*, vol. 1, chapters A and B.

TABLE C. PERCENT OF TOTAL U.S. POPULATION AND PERCENT OF LAND AREA INSIDE MSA'S AS DEFINED AT SPECIFIED DATES: 1940 TO 1980

[See headnote for table A, p. 896]

PERCENT AS OF—	PERCENT OF POPULATION					Land area, 1970
	1940, Apr. 1	1950, Apr. 1	1960, Apr. 1	1970, Apr. 1	1980, Apr. 1	
1950 census (Mar. 1952)	52.6	56.1	59.3	60.1	56.9	5.9
1960 census (Nov. 1960)	55.1	59.0	63.0	64.4	62.2	8.8
1964 (Aug. 31)	56.6	60.6	64.6	66.3	64.2	9.9
1968 (Jan. 31)	57.8	61.9	66.0	67.9	66.1	10.7
1970 census (Feb. 28, 1971)	58.4	62.5	66.7	68.6	67.0	11.0
1974 (Apr. 30)	62.1	66.2	70.6	72.9	71.8	13.9
1977 (Dec. 31)	62.7	66.8	71.2	73.5	72.6	14.4
1980 census (June 30, 1981)	64.6	68.8	73.2	75.6	74.8	[1] 16.0
1983 (June 30)	65.3	69.5	73.9	76.4	75.7	[1] 15.9

[1] Land area, 1980.

Source: U.S. Bureau of the Census, 1940–1970, *U.S. Census of Population*, vol. 1; *1980 Census of Population*, vol. 1, chapters A and B.

APPENDIX II

Metropolitan Statistical Areas and their Components as of June 30, 1983

[Population as of April 1, 1980]

	1980 Population (1,000)
Abilene, Tex. MSA	111
Taylor County	111
Akron, Ohio PMSA [1]	660
Portage County	136
Summit County	524
Albany, Ga. MSA [1]	112
Dougherty County	101
Lee County	*12*
Albany-Schenectady-Troy, N.Y. MSA	836
Albany County	286
Green County	41
Montgomery County	53
Rensselaer County	152
Saratoga County	154
Schenectady County	150
Albuquerque, N. Mex. MSA	420
Bernalillo County	*420*
Alexandria, La. MSA	135
Rapides Parish	135
Allentown-Bethlehem, Pa.-N.J. MSA [1]	635
Warren County, N.J.	84
Carbon County, Pa.	53
Lehigh County, Pa.	272
Northampton County, Pa.	225
Alton-Granite City, Ill. PMSA	268
Jersey County	21
Madison County	248
Altoona, Pa. MSA [1]	137
Blair County	137
Amarillo, Tex. MSA [1]	174
Potter County	99
Randall County	75
Anaheim-Santa Ana, Calif. PMSA [1]	1,933
Orange County	1,933
Anchorage, Alaska MSA [1]	174
Anchorage Borough	174
Anderson, Ind. MSA [1]	139
Madison County	139
Anderson, S.C. MSA [1]	133
Anderson County	*133*
Ann Arbor, Mich. PMSA [1]	265
Washtenaw County	265
Anniston, Ala. MSA [1]	120
Calhoun County	120
Appleton-Oshkosh-Neenah, Wis. MSA [1]	291
Calumet County	31
Outagamie County	129
Winnebago County	*132*
Asheville, N.C. MSA	161
Buncombe County	161
Athens, Ga. MSA [1]	130
Clarke County	74
Jackson County	25
Madison County	18
Oconee County	12
Atlanta, Ga. MSA	2,138
Barrow County	21
Butts County	14
Cherokee County	*52*
Clayton County	150
Cobb County	298
Coweta County	39
De Kalb County	483
Douglas County	55
Fayette County	29
Forsyth County	28
Fulton County	590
Gwinnett County	167
Henry County	36
Newton County	34
Paulding County	*26*
Rockdale County	37
Spalding County	48
Walton County	31
Atlantic City, N.J. MSA	276
Atlantic County	194
Cape May County	82
Augusta, Ga.-S.C. MSA	346
Columbia County, Ga.	40
McDuffie County, Ga.	19
Richmond County, Ga	*182*
Aiken County, S.C	106
Aurora-Elgin, Ill. PMSA	316
Kane County	278
Kendall County	37
Austin, Tex. MSA [1]	537
Hays County	41
Travis County	420
Williamson County	77
Bakersfield, Calif. MSA [1]	*403*
Kern County	403
Baltimore, Md. MSA	2,200
Anne Arundel County	371
Baltimore County	656
Carroll County	96
Harford County	146
Howard County	119
Queen Anne's County	26
Baltimore City	787
Bangor, Maine MSA [1]	*84*
Penobscot County (pt)	81
Waldo County (pt)	3
Baton Rouge, La. MSA [1]	494
Ascension Parish	50
East Baton Rouge Parish	366
Livingston Parish	59
West Baton Rouge Parish	19
Battle Creek, Mich. MSA	142
Calhoun County	142
Beaumont-Port Arthur, Tex. MSA [1]	375
Hardin County	41
Jefferson County	251
Orange County	84
Beaver County, Pa. PMSA	204
Beaver County	204
Bellingham, Wash. MSA [1]	107
Whatcom County	107
Benton Harbor, Mich. MSA [1]	171
Berrien County	171
Bergen-Passaic, N.J. PMSA	1,293
Bergen County	845
Passaic County	448
Billings, Mont. MSA [1]	108
Yellowstone County	108
Biloxi-Gulfport, Miss. MSA	182
Hancock County	*25*
Harrison County	158
Binghamton, N.Y. MSA	263
Broome County	214
Tioga County	50
Birmingham, Ala. MSA	884
Blount County	36
Jefferson County	671
St. Clair County	41
Shelby County	66
Walker County	69
Bismarck, N.Dak. MSA [1]	80
Burleigh County	55
Morton County	25
Bloomington, Ind. MSA [1]	99
Monroe County	99
Bloomington-Normal, Ill. MSA [1]	119
McLean County	119
Boise City, Idaho MSA [1]	173
Ada County	173
Boston, Mass. PMSA	2,806
Bristol County (pt.)	35
Essex County (pt.)	118
Middlesex County (pt.)	1,130
Norfolk County (pt.)	596
Plymouth County (pt.)	213
Suffolk County	650
Worcester County (pt.)	64
Boston-Lawrence-Salem, Mass.-N.H. CMSA	3,972
Boston, Mass. PMSA	2,806
Brockton, Mass. PMSA	183
Lawrence-Haverhill, Mass.-N.H. PMSA	339
Lowell, Mass.-N.H. PMSA	243
Nashua, N.H. PMSA	143
Salem-Gloucester, Mass. PMSA	258
Boulder-Longmont, Colo. PMSA	190
Boulder County	190

See footnote on page 904.

[Population as of April 1, 1980]

	1980 Population (1,000)
Bradenton, Fla. MSA [1]	148
Manatee County	148
Brazoria, Tex. PMSA	170
Brazoria County	170
Bremerton, Wash. MSA [1]	147
Kitsap County	147
Bridgeport-Milford, Conn. PMSA	439
Fairfield County (pt.)	332
New Haven County (pt.)	106
Bristol, Conn. PMSA [1]	74
Hartford County (pt.)	63
Litchfield County (pt.)	11
Brockton, Mass. PMSA	183
Bristol County (pt.)	17
Norfolk County (pt.)	5
Plymouth County (pt.)	161
Brownsville-Harlingen, Tex. MSA [1]	210
Cameron County	210
Bryan-College Station, Tex. MSA [1]	94
Brazos County	94
Buffalo, N.Y. PMSA	1,015
Erie County	1,015
Buffalo-Niagara Falls, N.Y. CMSA	1,243
Buffalo, N.Y. PMSA	1,015
Niagara Falls, N.Y. PMSA	227
Burlington, N.C. MSA [1]	99
Alamance County	99
Burlington, Vt. MSA	115
Chittenden County (pt.)	110
Franklin County (pt.)	3
Grand Isle County (pt.)	2
Canton, Ohio MSA [1]	404
Carroll County	26
Stark County	379
Casper, Wyo. MSA [1]	72
Natrona County	72
Cedar Rapids, Iowa MSA [1]	170
Linn County	170
Champaign-Urbana-Rantoul, Ill. MSA [1]	168
Champaign County	168
Charleston, S.C. MSA [1]	430
Berkeley County	95
Charleston County	277
Dorchester County	59
Charleston, W.Va. MSA [1]	270
Kanawha County	231
Putnam County	38
Charlotte-Gastonia-Rock Hill, N.C.-S.C. MSA	971
Cabarrus County, N.C.	86
Gaston County, N.C.	163
Lincoln County, N.C.	42
Mecklenburg County, N.C.	404
Rowan County, N.C.	99
Union County, N.C.	70
York County, S.C.	107
Charlottesville, Va. MSA [1]	114
Albemarle County	56
Fluvanna County	10
Greene County	8
Charlottesville city	40
Chattanooga, Tenn.-Ga. MSA [1]	427
Catoosa County, Ga.	37
Dade County, Ga.	12
Walker County, Ga.	56
Hamilton County, Tenn.	288
Marion County, Tenn.	24
Sequatchie County, Tenn.	9
Chicago, Ill. PMSA	6,060
Cook County	5,254
Du Page County	659
McHenry County	148
Chicago-Gary-Lake County (Ill.), Ill.-Ind.-Wis. CMSA	7,937
Aurora-Elgin, Ill. PMSA	316
Chicago, Ill. PMSA	6,060
Gary-Hammond, Ind. PMSA	643
Joliet, Ill. PMSA	355
Kenosha, Wis. PMSA	123
Lake County, Ill. PMSA	440
Chico, Calif. MSA [1]	144
Butte County	144
Cincinnati, Ohio-Ky.-Ind. PMSA [1]	1,401
Dearborn County, Ind.	34
Boone County, Ky.	46
Campbell County, Ky.	83
Kenton County, Ky.	137
Clermont County, Ohio	128
Hamilton County, Ohio	873
Warren County, Ohio	99
Cincinnati-Hamilton, Ohio-Ky.-Ind. CMSA	1,660
Cincinnati, Ohio-Ky.-Ind. PMSA	1,401
Hamilton-Middletown, Ohio, PMSA	259
Clarksville-Hopkinsville, Tenn.-Ky. MSA [1]	150
Christian County, Ky.	67
Montgomery County, Tenn.	83
Cleveland, Ohio PMSA [1]	1,899
Cuyahoga County	1,498
Geauga County	74
Lake County	213
Medina County	113
Cleveland-Akron-Lorain, Ohio CMSA [1]	2,834
Akron, Ohio PMSA	660
Cleveland, Ohio PMSA	1,899
Lorain-Elyria, Ohio PMSA	275
Colorado Springs, Colo. MSA	309
El Paso County	309
Columbia, Mo. MSA [1]	100
Boone County	100
Columbia, S.C. MSA [1]	410
Lexington County	140
Richland County	270
Columbus, Ga.-Ala. MSA [1]	239
Russell County, Ala.	47
Chattahoochee County, Ga.	22
Muscogee County, Ga.	170
Columbus, Ohio MSA	1,244
Delaware County	54
Fairfield County	94
Franklin County	869
Licking County	121
Madison County	33
Pickaway County	44
Union County	30
Corpus Christi, Tex. MSA [1]	326
Nueces County	268
San Patricio County	58
Cumberland, Md.-W. Va. MSA [1]	108
Allegany County, Md.	81
Mineral County, W. Va.	27
Dallas, Tex. PMSA	1,957
Collin County	145
Dallas County	1,556
Denton County	143
Ellis County	60
Kaufman County	39
Rockwall County	15
Dallas-Fort Worth, Tex. CMSA	2,931
Dallas, Tex. PMSA	1,957
Fort Worth-Arlington, Tex. PMSA	973
Danbury, Conn. PMSA	170
Fairfield County (pt.)	149
Litchfield County (pt.)	21
Danville, Va. MSA [1]	112
Pittsylvania County	66
Danville city	46
Davenport-Rock Island-Moline, Iowa-Ill. MSA [1]	384
Henry County, Ill.	58
Rock Island County, Ill.	166
Scott County, Iowa	160
Dayton-Springfield, Ohio MSA	942
Clark County	150
Greene County	130
Miami County	90
Montgomery County	572
Daytona Beach, Fla. MSA [1]	259
Volusia County	259
Decatur, Ill. MSA [1]	131
Macon County	131
Denver, Colo. PMSA	1,429
Adams County	246
Arapahoe County	294
Denver County	492
Douglas County	25
Jefferson County	372
Denver-Boulder, Colo. CMSA	1,618
Boulder-Longmont, Colo. PMSA	190
Denver, Colo. PMSA	1,429
Des Moines, Iowa MSA	368
Dallas County	30
Polk County	303
Warren County	35
Detroit, Mich. PMSA	4,488
Lapeer County	70
Livingston County	100
Macomb County	695
Monroe County	135
Oakland County	1,012
St. Clair County	139
Wayne County	2,338

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[Population as of April 1, 1980]

	1980 Population (1,000)
Detroit-Ann Arbor, Mich. CMSA	**4,753**
Ann Arbor, Mich. PMSA	265
Detroit, Mich. PMSA	4,488
Dothan, Ala. MSA	**122**
Dale County	48
Houston County	75
Dubuque, Iowa MSA [1]	**94**
Dubuque County	*94*
Duluth, Minn.-Wis. MSA [1]	**267**
St. Louis County, Minn	222
Douglas County, Wis	44
East St. Louis-Belleville, Ill. PMSA	**300**
Clinton County	33
St. Clair County	268
Eau Claire, Wis. MSA [1]	**131**
Chippewa County	52
Eau Claire County	79
El Paso, Tex. MSA [1]	**480**
El Paso County	480
Elkhart-Goshen, Ind. MSA [1]	**137**
Elkhart County	*137*
Elmira, N.Y. MSA [1]	**98**
Chemung County	98
Enid, Okla. MSA [1]	**63**
Garfield County	63
Erie, Pa. MSA [1]	**280**
Erie County	280
Eugene-Springfield, Oreg. MSA [1]	**275**
Lane County	275
Evansville, Ind.-Ky. MSA	**276**
Posey County, Ind	26
Vanderburgh County, Ind	168
Warrick County, Ind	41
Henderson County, Ky	41
Fall River, Mass.-R.I. PMSA	**157**
Bristol County, Mass. (pt.)	141
Newport County, R.I. (pt.)	17
Fargo-Moorhead, N. Dak.-Minn. MSA [1]	**138**
Clay County, Minn	49
Cass County, N. Dak	88
Fayetteville, N.C. MSA [1]	**247**
Cumberland County	247
Fayetteville-Springdale, Ark. MSA	**100**
Washington County	100
Fitchburg-Leominster, Mass. MSA	**94**
Middlesex County (pt.)	2
Worcester County (pt.)	92
Flint, Mich. MSA	**450**
Genesee County	450
Florence, Ala. MSA [1]	**135**
Colbert County	55
Lauderdale County	81
Florence, S.C. MSA [1]	**110**
Florence County	110
Fort Collins-Loveland, Colo. MSA [1]	**149**
Larimer County	149
Fort Lauderdale-Hollywood—Pompano Beach, Fla. PMSA [1]	**1,018**
Broward County	*1,018*
Fort Meyers, Fla. MSA [1]	**205**
Lee County	205
Fort Pierce, Fla. MSA	**151**
Martin County	64
St. Lucie County	87
Fort Smith, Ark.-Okla. MSA	**163**
Crawford County, Ark	37
Sebastian County, Ark	95
Sequoyah County, Okla	31
Fort Walton Beach, Fla. MSA [1]	**110**
Okaloosa County	110
Fort Wayne, Ind. MSA	**354**
Allen County	294
De Kalb County	*34*
Whitley County	26
Fort Worth-Arlington, Tex. PMSA	**973**
Johnson County	68
Parker County	45
Tarrant County	861
Fresno, Calif. MSA [1]	**515**
Fresno County	515
Gadsden, Ala. MSA [1]	**103**
Etowah County	103
Gainesville, Fla. MSA	**171**
Alachua County	151
Bradford County	20
Galveston-Texas City, Tex. PMSA [1]	**196**
Galveston County	196
Gary-Hammond, Ind. PMSA [1]	**643**
Lake County	523
Porter County	120
Glens Falls, N.Y. MSA [1]	**110**
Warren County	*55*
Washington County	55
Grand Forks, N.Dak. MSA	**66**
Grand Forks County	66
Grand Rapids, Mich. MSA [1]	**602**
Kent County	445
Ottawa County	157
Great Falls, Mont. MSA [1]	**81**
Cascade County	81
Greeley, Colo. MSA [1]	**123**
Weld County	123
Green Bay, Wis. MSA [1]	**175**
Brown County	175
Greensboro-Winston-Salem-High Point, N.C. MSA	**852**
Davidson County	113
Davie County	25
Forsyth County	*244*
Guilford County	317
Randolph County	92
Stokes County	33
Yadkin County	28
Greenville-Spartanburg, S.C. MSA [1]	**569**
Greenville County	288
Pickens County	79
Spartanburg County	202
Hagerstown, Md. MSA [1]	**113**
Washington County	113
Hamilton-Middletown, Ohio PMSA [1]	**259**
Butler County	259
Harrisburg-Lebanon-Carlisle, Pa. MSA	**555**
Cumberland County	179
Dauphin County	232
Lebanon County	109
Perry County	36
Hartford, Conn. PMSA	**716**
Hartford County (pt.)	601
Litchfield County (pt.)	8
Middlesex County (pt.)	6
New London County (pt.)	8
Tolland County (pt.)	94
Hartford-New Britain-Middletown, Conn. CMSA	**1,014**
Bristol, Conn. PMSA	74
Hartford, Conn. PMSA	716
Middletown, Conn. PMSA	82
New Britain, Conn. PMSA	142
Hickory, N.C. MSA	**203**
Alexander County	25
Burke County	73
Catawba County	105
Honolulu, Hawaii MSA [1]	**763**
Honolulu County	763
Houma-Thibodaux, La. MSA	**177**
Lafourche Parish	82
Terrebonne Parish	94
Houston, Tex. PMSA	**2,736**
Fort Bend County	131
Harris County	2,410
Liberty County	47
Montgomery County	128
Waller County	20
Houston-Galveston-Brazoria, Tex. CMSA	**3,101**
Brazoria, Tex. PMSA	170
Galveston-Texas City, Tex. PMSA	196
Houston, Tex. PMSA	2,736
Huntington-Ashland, W.Va.-Ky.-Ohio MSA	**336**
Boyd County, Ky	56
Carter County, Ky	25
Greenup County, Ky	*39*
Lawrence County, Ohio	64
Cabell County, W.Va	107
Wayne County, W.Va	46
Huntsville, Ala. MSA	**197**
Madison County	197
Indianapolis, Ind. MSA [1]	**1,167**
Boone County	36
Hamilton County	*82*
Hancock County	44
Hendricks County	70
Johnson County	77
Marion County	*765*
Morgan County	52
Shelby County	40
Iowa City, Iowa MSA [1]	**82**
Johnson County	82

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[Population as of April 1, 1980]

	1980 Population (1,000)
Jackson, Mich. MSA [1]	151
Jackson County	151
Jackson, Miss. MSA	362
Hinds County	251
Madison County	42
Rankin County	69
Jacksonville, Fla. MSA	722
Clay County	67
Duval County	571
Nassau County	33
St. Johns County	51
Jacksonville, N.C. MSA [1]	113
Onslow County	113
Janesville-Beloit, Wis. MSA [1]	139
Rock County	139
Jersey City, N.J. PMSA [1]	557
Hudson County	557
Johnson City-Kingsport-Bristol, Tenn.-Va. MSA [1]	434
Carter County, Tenn	50
Hawkins County, Tenn	44
Sullivan County, Tenn	144
Unicoi County, Tenn	16
Washington County, Tenn	89
Scott County, Va	25
Washington County, Va	46
Bristol city, Va	19
Johnstown, Pa. MSA [1]	265
Cambria County	183
Somerset County	81
Joliet, Ill. PMSA	355
Grundy County	31
Will County	324
Joplin, Mo. MSA [1]	128
Jasper County	87
Newton County	41
Kalamazoo, Mich. MSA	212
Kalamazoo County	212
Kankakee, Ill. MSA [1]	103
Kankakee County	103
Kansas City, Kans. PMSA	519
Johnson County	270
Leavenworth County	55
Miami County	22
Wyandotte County	172
Kansas City, Mo. PMSA	914
Cass County	51
Clay County	136
Jackson County	629
Lafayette County	30
Platte County	46
Ray County	21
Kansas City, Mo.-Kansas City, Kans. CMSA	1,433
Kansas City, Kans. PMSA	519
Kansas City, Mo. PMSA	914
Kenosha, Wis. PMSA [1]	123
Kenosha County	123
Killeen-Temple, Tex. MSA [1]	215
Bell County	158
Coryell County	57
Knoxville, Tenn. MSA	566
Anderson County	67
Blount County	78
Grainger County	17
Jefferson County	31
Knox County	320
Sevier County	41
Union County	12
Kokomo, Ind. MSA [1]	104
Howard County	87
Tipton County	17
La Crosse, Wis. MSA [1]	91
La Crosse County	91
Lafayette, La. MSA	190
Lafayette Parish	150
St. Martin Parish	40
Lafayette Ind. MSA [1]	122
Tippecanoe County	122
Lake Charles, La. MSA [1]	167
Calcasieu Parish	167
Lake County, Ill. PMSA	440
Lake County	440
Lakeland-Winter Haven, Fla. MSA [1]	322
Polk County	322
Lancaster, Pa. MSA [1]	362
Lancaster County	362
Lansing-East Lansing, Mich. MSA	420
Clinton County	56
Eaton County	88
Ingham County	276
Laredo, Tex. MSA [1]	99
Webb County	99
Las Cruces, N. Mex. MSA [1]	96
Dona Ana County	96
Las Vegas, Nev. MSA [1]	463
Clark County	463
Lawrence, Kans. MSA [1]	68
Douglas County	68
Lawrence-Haverhill, Mass.-N.H. PMSA	339
Essex County Mass. (pt.)	257
Rockingham County, N.H. (pt.)	82
Lawton, Okla. MSA [1]	112
Commanche County	112
Lewiston-Auburn, Maine MSA	85
Androscoggin County (pt.)	85
Lexington-Fayette, Ky. MSA [1]	318
Bourbon County	19
Clark County	28
Fayette County	204
Jessamine County	26
Scott County	22
Woodford County	18
Lima, Ohio MSA	155
Allen County	112
Auglaize County	43
Lincoln, Nebr. MSA [1]	193
Lancaster County	193
Little Rock-North Little Rock, Ark. MSA	474
Faulkner County	46
Lonoke County	35
Pulaski County	341
Saline County	53
Longview-Marshall, Tex. MSA [1]	152
Gregg County	99
Harrison County	52
Lorain-Elyria, Ohio PMSA [1]	275
Lorain County	275
Los Angeles-Anaheim-Riverside, Calif. CMSA	11,498
Anaheim-Santa Ana, Calif. PMSA	1,933
Los Angeles-Long Beach, Calif. PMSA	7,478
Oxnard-Ventura, Calif. PMSA	529
Riverside-San Bernardino, Calif. PMSA	1,558
Los Angeles-Long Beach, Calif. PMSA [1]	7,478
Los Angeles County	7,478
Louisville, Ky.-Ind. MSA	957
Clark County, Ind	89
Floyd County, Ind	61
Harrison County, Ind	27
Bullitt County, Ky	43
Jefferson County, Ky	685
Oldham County, Ky	28
Shelby County, Ky	23
Lowell, Mass.-N.H. PMSA	243
Middlesex County, Mass. (pt.)	235
Hillsborough County, N.H. (pt.)	8
Lubbock, Tex. MSA [1]	212
Lubbock County	212
Lynchburg, Va. MSA	141
Amherst County	29
Campbell County	45
Lynchburg city	67
Macon-Warner Robins, Ga. MSA	264
Bibb County	150
Houston County	78
Jones County	17
Peach County	19
Madison, Wis. MSA [1]	324
Dane County	324
Manchester, N.H. MSA	129
Hillsborough County (pt.)	112
Merrimack County (pt.)	12
Rockingham County (pt.)	6
Mansfield, Ohio MSA [1]	131
Richland County	131
McAllen-Edinburg-Mission, Tex. MSA [1]	283
Hidalgo County	283
Medford, Oreg. MSA [1]	132
Jackson County	132
Melbourne-Titusville-Palm Bay, Fla. MSA [1]	273
Brevard County	273
Memphis, Tenn.-Ark.-Miss. MSA [1]	913
Crittenden County, Ark	49

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[Population as of April 1, 1980]

	1980 Population (1,000)
De Soto County Miss.	54
Shelby County, Tenn	777
Tipton County, Tenn	33
Miami-Fort Lauderdale, Fla. CMSA	**2,644**
Fort Lauderdale-Hollywood-Pompano Beach, Fla. PMSA	1,018
Miami-Hialeah, Fla. PMSA	1,626
Miami-Hialeah, Fla. PMSA [1]	**1,626**
Dade County	1,626
Middlesex-Somerset-Hunterdon, N.J. PMSA	**886**
Hunterdon County	87
Middlesex County	596
Somerset County	203
Middletown, Conn. PMSA	**82**
Middlesex County (pt)	82
Midland, Tex. MSA [1]	**83**
Midland County	83
Milwaukee, Wis. PMSA [1]	**1,397**
Milwaukee County	965
Ozaukee County	67
Washington County	85
Waukesha County	280
Milwaukee-Racine, Wis. CMSA	**1,570**
Milwaukee, Wis. PMSA	1,397
Racine, Wis. PMSA	173
Minneapolis-St. Paul, Minn.-Wis. MSA	**2,137**
Anoka County, Minn.	196
Carver County, Minn	37
Chisago County, Minn.	26
Dakota County, Minn	194
Hennepin County, Minn	941
Isanti County, Minn	24
Ramsey County, Minn.	460
Scott County, Minn.	44
Washington County, Minn	114
Wright County, Minn	59
St. Croix County, Wis.	43
Mobile, Ala. MSA [1]	**444**
Baldwin County	79
Mobile County	365
Modesto, Calif. MSA [1]	**266**
Stanislaus County	266
Monmouth-Ocean, N.J. PMSA	**849**
Monmouth County	503
Ocean County	346
Monroe, La. MSA [1]	**139**
Ouachita Parish	139
Montgomery, Ala. MSA [1]	**273**
Autauga County	32
Elmore County	43
Montgomery County	197
Muncie, Ind. MSA [1]	**129**
Delaware County	129
Muskegon, Mich. MSA	**158**
Muskegon County	158
Nashua, N.H. PMSA	**143**
Hillsborough County (pt.)	129
Rockingham County (pt.)	14
Nashville, Tenn. MSA [1]	**851**
Cheatham County	22
Davidson County	478
Dickson County	30
Robertson County	37
Rutherford County	84
Sumner County	86
Williamson County	58
Wilson County	56
Nassau-Suffolk, N.Y. PMSA [1]	**2,606**
Nassau County	1,322
Suffolk County	1,284
New Bedford, Mass. MSA	**167**
Bristol County (pt.)	154
Plymouth County (pt.)	13
New Britain, Conn. PMSA [1]	**142**
Hartford County (pt.)	142
New Haven-Meriden, Conn. MSA	**500**
Middlesex County (pt.)	15
New Haven County (pt.)	485
New London-Norwich, Conn.-R.I. MSA	**251**
New London County, Conn. (pt.)	222
Windham County, Conn. (pt.)	3
Washington County, R.I. (pt.)	25
New Orleans, La. MSA	**1,256**
Jefferson Parish	455
Orleans Parish	558
St. Bernard Parish	64
St. Charles Parish	37
St. John The Baptist Parish	32
St. Tammany Parish	111
New York, N.Y. PMSA	**8,275**
Bronx County	1,169
Kings County	2,231
New York County	1,428
Putnam County	77
Queens County	1,891
Richmond County	352
Rockland County	260
Westchester County	867
New York-Northern New Jersey-Long Island, N.Y.-N.J.-Conn. CMSA	**17,539**
Bergen-Passaic, N.J. PMSA	1,293
Bridgeport-Milford, Conn. PMSA	439
Danbury, Conn. PMSA	170
Jersey City, N.J. PMSA	557
Middlesex-Somerset-Hunterdon, N.J. PMSA	886
Monmouth-Ocean, N.J. PMSA	849
Nassau-Suffolk, N.Y. PMSA	2,606
New York, N.Y. PMSA	8,275
Newark, N.J. PMSA	1,879
Norwalk, Conn. PMSA	127
Orange County, N.Y. PMSA	260
Stamford, Conn. PMSA	199
Newark, N.J. PMSA	**1,879**
Essex County	851
Morris County	408
Sussex County	116
Union County	504
Niagara Falls, N.Y. PMSA	**227**
Niagara County	227
Norfolk-Virginia Beach-Newport News, Va. MSA	**1,160**
Gloucester County	20
James City County	23
York County	35
Chesapeake city	114
Hampton city	123
Newport News city	145
Norfolk city	267
Poquoson city	9
Portsmouth city	105
Suffolk city	48
Virginia Beach city	262
Williamsburg city	10
Norwalk, Conn. PMSA [1]	**127**
Fairfield County (pt.)	127
Oakland, Calif. PMSA	**1,762**
Alameda County	1,105
Contra Costa County	656
Ocala, Fla. MSA [1]	**122**
Marion County	122
Odessa, Tex. MSA [1]	**115**
Ector County	115
Oklahoma City, Okla. MSA	**861**
Canadian County	56
Cleveland County	133
Logan County	27
McClain County	20
Oklahoma County	569
Pottawatomie County	55
Olympia, Wash. MSA [1]	**124**
Thurston County	124
Omaha, Nebr.-Iowa MSA	**585**
Pottawattamie County, Iowa	87
Douglas County, Nebr	397
Sarpy County, Nebr.	86
Washington County, Nebr	16
Orange County, N.Y. PMSA [1]	**260**
Orange County	260
Orlando, Fla. MSA [1]	**700**
Orange County	471
Osceola County	49
Seminole County	180
Owensboro, Ky. MSA [1]	**86**
Daviess County	86
Oxnard-Ventura, Calif. PMSA [1]	**529**
Ventura County	529
Panama City, Fla. MSA [1]	**98**
Bay County	98
Parkersburg-Marietta, W.Va.-Ohio MSA	**158**
Washington County, Ohio	64
Wood County, W.Va.	94
Pascagoula, Miss. MSA [1]	**118**
Jackson County	118
Pawtucket-Woodsocket-Attleboro, R.I.-Mass. PMSA	**307**
Bristol County, Mass. (pt.)	75
Norfolk County, Mass. (pt.)	6
Worcester County, Mass. (pt.)	8
Providence County, R.I. (pt.)	218
Pensacola, Fla. MSA [1]	**290**
Escambia County	234
Santa Rosa County	56
Peoria, Ill. MSA [1]	**366**

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[Population as of April 1, 1980]

	1980 Population (1,000)
Peoria County	200
Tazewell County	132
Woodford County	33
Philadelphia, Pa.-N.J. PMSA [1]	**4,717**
Burlington County, N.J.	363
Camden County, N.J.	472
Gloucester County, N.J.	200
Bucks County, Pa.	479
Chester County, Pa.	317
Delaware County, Pa.	555
Montgomery County, Pa.	644
Philadelphia County, Pa.	1,688
Philadelphia-Wilmington-Trenton, Pa.-N.J.-Del.-Md. CMSA	**5,681**
Philadelphia, Pa.-N.J. PMSA	4,717
Trenton, N.J. PMSA	308
Vineland-Millville-Bridgeton, N.J. PMSA	133
Wilmington, Del.-N.J.-Md. PMSA	523
Phoenix, Ariz. MSA [1]	**1,509**
Maricopa County	1,509
Pine Bluff, Ark. MSA [1]	**91**
Jefferson County	91
Pittsburgh, Pa. PMSA	**2,219**
Allegheny County	1,450
Fayette County	159
Washington County	217
Westmoreland County	392
Pittsburgh-Beaver Valley, Pa. CMSA	**2,423**
Beaver County, Pa. PMSA	204
Pittsburgh, Pa. PMSA	2,219
Pittsfield, Mass. MSA	**83**
Berkshire County (pt.)	83
Portland, Maine MSA	**194**
Cumberland County (pt.)	179
York County (pt.)	15
Portland, Oreg. PMSA	**1,106**
Clackamas County	242
Multnomah County	563
Washington County	246
Yamhill County	55
Portland-Vancouver, Oreg.-Wash. CMSA	**1,298**
Portland, Oreg. PMSA	1,106
Vancouver, Wash. PMSA	192
Portsmouth-Dover-Rochester, N.H.-Maine MSA	**191**
York County, Maine (pt.)	42
Rockingham County, N.H. (pt.)	67
Stafford County, N.H. (pt.)	82
Poughkeepsie, N.Y. MSA [1]	**245**
Dutchess County	245
Providence, R.I. PMSA	**619**
Bristol County	47
Kent County (pt.)	151
Newport County (pt.)	4
Providence County (pt.)	353
Washington County (pt.)	63
Providence-Pawtucket-Fall River, R.I.-Mass. PMSA	**1,083**
Fall River, Mass.-R.I. CMSA	157
Pawtucket-Woonsocket-Attleboro, R.I.-Mass. PMSA	307
Providence, R.I. PMSA	619
Provo-Orem, Utah MSA [1]	**218**
Utah County	218
Pueblo, Colo. MSA [1]	**126**
Pueblo County	126
Racine, Wis. PMSA [1]	**173**
Racine County	173
Raleigh-Durham, N.C. MSA	**561**
Durham County	153
Franklin County	30
Orange County	77
Wake County	301
Reading, Pa. MSA [1]	**313**
Berks County	313
Redding, Calif. MSA [1]	**116**
Shasta County	116
Reno, Nev. MSA [1]	**194**
Washoe County	194
Richland-Kennewick-Pasco, Wash. MSA [1]	**144**
Benton County	109
Franklin County	35
Richmond-Petersburg, Va. MSA	**761**
Charles City County	7
Chesterfield County	141
Dinwiddie County	23
Goochland County	12
Hanover County	50
Henrico County	181
New Kent County	9
Powhatan County	13
Prince George County	26
Colonial Heights city	17
Hopewell city	23
Petersburg city	41
Richmond city	219
Riverside-San Bernardino, Calif. PMSA [1]	**1,558**
Riverside County	663
San Bernardino County	895
Roanoke, Va. MSA	**220**
Botetourt County	23
Roanoke County	73
Roanoke city	100
Salem city	24
Rochester, Minn. MSA [1]	**92**
Olmsted County	92
Rochester, N.Y. MSA [1]	**971**
Livingston County	57
Monroe County	702
Ontario County	89
Orleans County	38
Wayne County	85
Rockford, Ill. MSA [1]	**280**
Boone County	29
Winnebago County	251
Sacramento, Calif. MSA	**1,100**
El Dorado County	86
Placer County	117
Sacramento County	783
Yolo County	113
Saginaw-Bay City-Midland, Mich. MSA	**422**
Bay County	120
Midland County	74
Saginaw County	228
St. Cloud, Minn. MSA [1]	**163**
Benton County	25
Sherburne County	30
Stearns County	108
St Joseph, Mo. MSA	**88**
Buchanan County	88
St. Louis, Mo.-Ill. PMSA	**1,809**
Monroe County	20
Franklin County	71
Jefferson County	146
St. Charles County	144
St. Louis County	974
St. Louis city	453
St. Louis-East St. Louis-Alton, Mo.-Ill. CMSA	**2,377**
Alton-Granite city, Ill. PMSA	268
East St. Louis-Belleville, Ill. PMSA	300
St. Louis, Mo.-Ill. PMSA	1,809
Salem, Oreg. MSA [1]	**250**
Marion County	205
Polk County	45
Salem-Gloucester, Mass. PMSA	**258**
Essex County (pt.)	258
Salinas-Seaside-Monterey, Calif. MSA [1]	**290**
Monterey County	290
Salt Lake City-Ogden, Utah MSA	**910**
Davis County	147
Salt Lake County	619
Weber County	145
San Angelo, Tex. MSA [1]	**85**
Tom Green County	85
San Antonio, Tex. MSA [1]	**1,072**
Bexar County	989
Comal County	36
Guadalupe County	47
San Diego, Calif. MSA [1]	**1,862**
San Diego County	1,862
San Francisco, Calif. PMSA	**1,489**
Marin County	223
San Francisco County	679
San Mateo County	587
San Francisco-Oakland-San Jose, Calif. CMSA	**5,368**
Oakland, Calif. PMSA	1,762
San Francisco, Calif. PMSA	1,489
San Jose, Calif. PMSA	1,295
Santa Cruz, Calif. PMSA	188
Santa Rosa-Petaluma, Calif. PMSA	300
Vallejo-Fairfield-Napa, Calif. PMSA	334
San Jose, Calif. PMSA [1]	**1,295**
Santa Clara County	1,295
Santa Barbara-Santa Maria-Lompoc, Calif. MSA [1]	**299**
Santa Barbara County	299
Santa Cruz, Calif. PMSA [1]	**188**
Santa Cruz County	188

See footnote on page 904.

[Population as of April 1, 1980]

	1980 Population (1,000)
Santa Rosa-Petaluma, Calif. PMSA [1]	**300**
Sonoma County	300
Sarasota, Fla. MSA [1]	**202**
Sarasota County	202
Savannah, Ga. MSA	**221**
Chatham County	202
Effingham County	18
Scranton—Wilkes-Barre, Pa. MSA	**729**
Columbia County	62
Lackawanna County	228
Luzerne County	343
Monroe County	69
Wyoming County	26
Seattle, Wash. PMSA [1]	**1,607**
King County	1,270
Snohomish County	338
Seattle-Tacoma, Wash. CMSA	**2,093**
Seattle, Wash. PMSA	1,607
Tacoma, Wash. PMSA	486
Sharon, Pa. MSA [1]	**128**
Mercer County	128
Sheboygan, Wis. MSA [1]	**101**
Sheboygan County	101
Sherman-Denison, Tex. MSA [1]	**90**
Grayson County	90
Shreveport, La. MSA	**333**
Bossier Parish	81
Caddo Parish	252
Sioux City, Iowa-Nebr. MSA [1]	**117**
Woodbury County, Iowa	101
Dakota County, Nebr	17
Sioux Falls, S. Dak. MSA [1]	**109**
Minnehaha County	109
South Bend-Mishawaka, Ind. MSA	**242**
St. Joseph County	242
Spokane, Wash. MSA [1]	**342**
Spokane County	342
Springfield, Ill. MSA [1]	**188**
Menard County	12
Sangamon County	176
Springfield, Mo. MSA [1]	**208**
Christian County	22
Greene County	186
Springfield, Mass. MSA [1]	**515**
Hampden County (pt)	434
Hampshire County (pt)	81
Stamford, Conn. PMSA [1]	**199**
Fairfield County (pt)	199
State College, Pa. MSA [1]	**113**
Centre County	113
Steubenville-Weirton, Ohio-W. Va. MSA [1]	**163**
Jefferson County, Ohio	92
Brooke County, W.Va	31
Hancock County, W.Va	40
Stockton, Calif. MSA [1]	**347**
San Joaquin County	347
Syracuse, N.Y. MSA [1]	**643**
Madison County	65
Onondaga County	464
Oswego County	114
Tacoma, Wash. PMSA [1]	**486**
Pierce County	486
Tallahassee, Fla. MSA	**190**
Gadsden County	42
Leon County	149
Tampa-St. Petersburg-Clearwater, Fla. MSA	**1,614**
Hernando County	44
Hillsborough County	647
Pasco County	194
Pinellas County	729
Terre Haute, Ind. MSA	**137**
Clay County	25
Vigo County	112
Texarkana, Tex.-Texarkana, Ark. MSA	**113**
Miller County, Ark	38
Bowie County, Tex	75
Toledo, Ohio MSA	**617**
Fulton County	38
Lucas County	472
Wood County	107
Topeka, Kans. MSA	**155**
Shawnee County	155
Trenton, N.J. PMSA [1]	**308**
Mercer County	308
Tucson, Ariz. MSA [1]	**531**
Pima County	531
Tulsa, Okla. MSA	**657**
Creek County	59
Osage County	39
Rogers County	46
Tulsa County	471
Wagoner County	42
Tuscaloosa, Ala. MSA [1]	**138**
Tuscaloosa County	138
Tyler, Tex. MSA [1]	**128**
Smith County	128
Utica-Rome, N.Y. MSA [1]	**320**
Herkimer County	67
Oneida County	253
Vallejo-Fairfield-Napa, Calif. PMSA [1]	**334**
Napa County	99
Solano County	235
Vancouver, Wash. PMSA	**192**
Clark County	192
Victoria, Tex. MSA [1]	**69**
Victoria County	69
Vineland-Millville-Bridgeton, N.J. PMSA [1]	**133**
Cumberland County	133
Visalia-Tulare-Porterville, Calif. MSA [1]	**246**
Tulare County	246
Waco, Tex. MSA [1]	**171**
McLennan County	171
Washington, D.C.-Md.-Va. MSA	**3,251**
Washington, D.C.	638
Calvert County, Md	35
Charles County, Md	73
Frederick County, Md	115
Montgomery County, Md	579
Prince Georges County, Md	665
Arlington County, Va	153
Fairfax County, Va	597
Loudoun County, Va	57
Prince William County, Va	145
Stafford County, Va	40
Alexandria city, Va	103
Fairfax city, Va	19
Falls Church city, Va	10
Manassas city, Va	15
Manassas Park city, Va	7
Waterbury, Conn. MSA	**205**
Litchfield County (pt.)	35
New Haven County (pt.)	170
Waterloo-Cedar Falls, Iowa MSA	**163**
Black Hawk County	138
Bremer County	25
Wausau, Wis. MSA [1]	**111**
Marathon County	111
West Palm Beach-Boca Raton-Delray Beach, Fla. MSA [1]	**577**
Palm Beach County	577
Wheeling, W. Va.-Ohio MSA [1]	**186**
Belmont County, Ohio	83
Marshall County, W.Va	42
Ohio County, W.Va	61
Wichita, Kans. MSA [1]	**411**
Butler County	45
Sedgwick County	367
Wichita Falls, Tex. MSA	**121**
Wichita County	121
Williamsport, Pa. MSA [1]	**118**
Lycoming County	118
Wilmington, Del.-N.J.-Md. PMSA [1]	**523**
New Castle County, Del	398
Cecil County, Md	60
Salem County, N.J	65
Wilmington, N.C. MSA	**103**
New Hanover County	103
Worcester, Mass. MSA	**403**
Worcester County (pt.)	403
Yakima, Wash. MSA [1]	**173**
Yakima County	173
York, Pa. MSA [1]	**381**
Adams County	68
York County	313
Youngstown-Warren, Ohio MSA [1]	**531**
Mahoning County	289
Trumbull County	242
Yuba City, Calif. MSA [1]	**102**
Sutter County	52
Yuba County	50

[1] MSA's and PMSA's whose June 30, 1983 definition is the same as an SMSA recognized as of June 1981.

Source: U.S. Bureau of the Census, unpublished data.

APPENDIX III

Statistical Methodology and Reliability

Introduction.—The data presented in this *Statistical Abstract* came from many sources. The sources include not only Federal statistical bureaus and other organizations that collect and issue statistics as their principal activity, but also governmental administrative and regulatory agencies, private research bodies, trade associations, insurance companies, health associations, and private organizations such as the American Red Cross and philanthropic foundations. Consequently, the data vary considerably as to reference periods, definitions of terms and, for ongoing series, the number and frequency of time periods for which data are available.

The statistics presented were obtained and tabulated by various means. Some statistics are based on complete enumerations or censuses while others are based on samples. Some information is extracted from records kept for administrative or regulatory purposes (school enrollment, hospital records, securities registration, financial accounts, social security records, income tax returns, etc.), while other information is obtained explicitly for statistical purposes through interviews or by mail. The estimation procedures used vary from highly sophisticated scientific techniques, to crude "informed guesses".

Each set of data relates to a group of individuals or units of interest referred to as the *target universe* or *target population,* or simply as the *universe* or *population.* Prior to data collection the target universe should be clearly defined. For example, if data are to be collected for the universe of households in the United States, it is necessary to define a "household". The target universe may not be completely tractable. Cost and other considerations may restrict data collection to a *survey universe* of households on some available list, such list being inaccurate, out of date, defining "household" slightly differently, etc. This list is called a *survey frame* or *sampling frame.*

The data in many tables are based on data obtained for all population units, *a census,* or on data obtained for only a portion, or *sample,* of the population units. When the data presented are based on a sample, the sample is usually a scientifically selected *probability sample.* This is a sample selected from a list or sampling frame in such a way that every possible sample has a known chance of selection, and usually each unit selected can be assigned a number, between zero and one, representing its likelihood or probability of selection.

For large-scale sample surveys, the probability sample of units is often selected as a multistage sample. The first stage of a multistage sample is the selection of a probability sample of large groups of population members, referred to as primary sampling units (PSU's). For example, in a national multistage household sample, PSU's are often counties or groups of counties. The second stage of a multistage sample is the selection, within each PSU selected at the first stage, of smaller groups of population units, referred to as secondary sampling units. In subsequent stages of selection, smaller and smaller nested groups are chosen until the ultimate sample of population units is obtained. To qualify a multistage sample as a probability sample, all stages of sampling must be carried out using probability sampling methods.

Prior to selection at each stage of a multistage (or a single-stage) sample, a list of the sampling units or sampling frame for that stage must be obtained. For example, for the first stage of selection of a national household sample, a list of the counties and county groups that form the PSU's must be obtained. For the final stage of selection, lists of households, and sometimes persons within the households, have to be compiled in the field. If a single-stage sample of the Nation's hospitals is to be selected, a list of hospitals must be obtained to use as the sampling frame. Unfortunately, it is virtually impossible to obtain a complete, up-to-date frame for a hospital survey. This is a problem incurred for most surveys of institutions and for many other types of surveys as well.

Wherever the quantities in a table refer to an entire universe, but are constructed from data collected in a sample survey, the table quantities are referred to as *sample estimates.* In constructing a sample estimate, an attempt is made to come as close as is feasible to the corresponding universe quantity that would be obtained from a complete census of the universe. Estimates based on a sample will, however, generally differ from the hypothetical census figures. Two classifications of errors are associated with estimates based on sample surveys: (1) *sampling error*—the error arising from the use of a sample, rather than a census, to estimate population quantities and (2) *nonsampling error*—those errors arising from nonsampling sources. As discussed below, the magnitude of the sampling error for an estimate can usually be estimated from the sample data. However, the magnitude of the nonsampling error for an estimate can rarely be estimated. Consequently, actual error in an estimate exceeds the estimated error in the estimate.

The particular sample used in a survey is only one of a large number of possible samples of the same size which could have been selected using the same sampling procedure. Estimates derived from the different samples would, in general, differ from each other. The *standard error* (SE) is a measure of the variation among the estimates derived from all possible samples. The standard error is the most commonly used measure of the sampling error of an estimate. Valid estimates of the standard errors of survey estimates can usually be calculated from the data collected in a probability sample. For convenience, the standard error is sometimes expressed as a percent of the estimate and is called the relative standard error or *coefficient of variation* (CV). For example, an estimate of 200 units with an estimated standard error of 10 units has an estimated CV of 5 percent.

A sample estimate and an estimate of its standard error or CV can be used to construct interval estimates that have a prescribed confidence that the interval includes the average of the estimates derived from all possible samples with a known probability. To illustrate, if all possible samples were selected under essentially the same general conditions, and using the same sample design, and if an estimate and its estimated standard error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average estimate derived from all possible samples.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimates to 1.6 standard errors above the estimate would include the average estimate derived from all possible samples.
3. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average estimate derived from all possible samples.

Thus, for a particular sample, one can say with the appropriate level of confidence (e.g., 90% or 95%) that the average of all possible samples is included in the constructed interval. Example of a confidence interval: An estimate is 200 units with a standard error of 10 units. An approximately 90 percent confidence interval (plus or minus 1.6 standard errors) is from 184 to 216.

All surveys and censuses are subject to nonsampling errors. Nonsampling errors are two kinds—*random* and *nonrandom*. Random nonsampling errors arise because of the varying interpretation of questions (by respondents or interviewers) and varying actions of coders, keyers, and other processors. Some randomness is also introduced when respondents must estimate values. These same errors usually have a nonrandom component. Nonrandom nonsampling errors result from total nonresponse (no usable data obtained for a sampled unit), partial or item nonresponse (only a portion of a response may be usable), in ability or unwillingness on the part of respondents to provide correct information, difficulty interpreting questions, mistakes in recording or keying data, errors of collection or processing, and coverage problems (overcoverage and undercoverage of the target universe). Random nonresponse errors usually, but not always, result in an understatement of sampling errors and thus an overstatement of the precision of survey estimates. Estimating the magnitude of nonsampling errors would require special experiments or access to independent data and, consequently, the magnitudes are seldom available.

Nearly all types of nonsampling errors that affect surveys also incur in complete censuses. Since surveys can be conducted on a smaller scale than censuses, nonsampling errors can presumably be controlled more tightly. Relatively more funds and effort can perhaps be expended toward eliciting responses, detecting and correcting response error, and reducing processing errors. As a result, survey results can sometimes be more accurate than census results.

To compensate for suspected nonrandom errors, adjustments of the sample estimates are often made. For example, adjustments are frequently made for nonresponse, both total and partial. Adjustments made for either type of nonresponse are often referred to as *imputations*. Imputation for total nonresponse is usually made by substituting for the questionnaire responses of the nonrespondents the "average" questionnaire responses of the respondents. These imputations are usually made separately within various groups of sample members, formed by attempting to place respondents and nonrespondents together that have "similar" survey characteristics. Imputation for item nonresponse is usually made by substituting for a missing item the response to that item of a respondent having characteristics that are "similar" to those of the nonrespondent.

For an estimate calculated from a sample survey, the *total error* in the estimate is composed of the sampling error, which can usually be estimated from the sample, and the nonsampling error, which usually cannot be estimated from the sample. The total error present in a population quantity obtained from a complete census is composed of only nonsampling errors. Ideally, estimates of the total error associated with data given in the *Statistical Abstract* tables should be given. However, due to the unavailability of estimates of nonsampling errors, only estimates of the levels of sam-

pling errors, in terms of estimated standard errors or coefficients of variation, are available. To obtain estimates of the estimated standard errors from the sample of interest, obtain a copy of the referenced report which appears at the end of each table.

Principal data bases.—Beginning on page 908 are brief descriptions of 43 of the sample surveys and censuses that provide a substantial portion of the data contained in this *Abstract.*

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 1. POPULATION		
U.S. Bureau of The Census		
Census of Population See tables citing *Census of Population* in section 1 and also in sections 2, 5, 7, 9, 14, 15, 22, 28, and 32.	Complete count of U.S. population conducted every 10 years since 1790. Data obtained on number and characteristics of inhabitants.	In 1970 and 1980, complete census for some items—age, sex, race, marital status and relationship to household head. In 1970, other items collected from a 5% and a 15% probability (systematic) sample of the population. In 1980, approximately 19% of the housing units were included in the sample.
Current Population Survey (CPS) See tables citing *Current Population Reports* primarily in section 1, but also in sections 2, 4, 5, 9, 11, 14, 15, 16, 24, and 32. Many Bureau of Labor Statistics' (BLS) tables in section 14 are CPS based.	Nationwide monthly sample survey of civilian noninstitutional population, 15 years old or over, to obtain data on employment, unemployment, and a number of other characteristics.	Multistage probability sample of about 72,000 households in 629 PSU's in 1981. Oversampling in some States and the largest SMSA's to improve reliability for those areas of employment data on annual average basis. A continual sample rotation system is used. Households are in sample 4 months, out for 8 months, and in for 4 more. Month-to-month overlap is 75%; year-to-year overlap is 50%.
SECTION 2. VITAL STATISTICS		
U.S. National Center for Health Statistics		
Vital Registration System See tables citing *Vital Statistics of the United States,* 1065 in section 22, and 1483 in section 32. (See section 1 above for information pertaining to tables 90–96.)	Annual data on births and deaths in the United States.	Mortality data based on complete file of death records, except 1972, based on 50% sample. Natality statistics for most years, 1951–1971, based on 50% sample of birth records received by NCHS. Beginning 1972, data from some States received through Cooperative Health Statistics System and complete file used; data from other States based on 50% sample.
SECTION 4. HEALTH AND NUTRITION		
U.S. National Center for Health Statistics		
National Health Interview Survey (NHIS) See tables 164, 165, 183, 184, 187–190, 193, 194, and 198 and, in section 5, table 221.	Continuous data collection covering the civilian noninstitutional population to obtain information on personal and demographic characteristics, illnesses, injuries, impairments, chronic conditions, and other health topics.	Multistage probability sample of 42,000 households (in 376 PSU's) selected in groups of about four geographically adjacent households.

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
In 1970, extensive use of mail questionnaires in urban areas; personal interviews in most rural areas. In 1980, mail questionnaires were used in even more areas than in 1970, with personal interviews in the remainder. Extensive telephone and personal followup for nonrespondents done in both censuses. Imputations made for missing characteristics.	Evaluation programs are currently being conducted to provide information on the magnitude of both sampling (for sample items) and nonsampling errors in the 1980 census, including undercount (net undercount in 1970 was estimated to be 2.5%).		U.S. Bureau of the Census, *Estimates of Coverage of the Population by Sex, Race, and Age: Demographic analysis,* PHC(E)-4; *Census of Population:* 1970 PC(1)-C, Appendix C; and *1980 Census of Population,* vol. 1, (PC80-1), Appendixes B, C, and D.
For first and fifth months that a household is in sample, personal interviews; other months, data collected by phone.	Estimated CV on annual averages for labor force, total employment, and non-agricultural employment, .2%; for total unemployment and agricultural employment, 1.0% to 2.5%.	Estimates of response bias on unemployment are not available, but estimates of unemployment are usually 5% to 9% lower than estimates from reinterviews. Four to 5.0% of sample households unavailable for interviews.	U.S. Bureau of the Census and Bureau of Labor Statistics, *Concepts and Methods Used in Labor Force Statistics from Current Population Survey* (Census series P-23, No. 62; BLS report No. 463) and Bureau of the Census, *Current Population Survey* (Tech. Paper 40).
Reports based on records from registration offices of all States, District of Columbia, New York City, Puerto Rico, Virgin Islands, Guam, and certain cities.	For births, CV's are small due to large portion of total file in sample (except for very small estimated totals).	In 1964–1968, underregistration of births estimated to be .7%. Data on deaths believed to be complete.	U.S. National Center for Health Statistics, *Vital Statistics of the United States, 1980,* vol. I and vol. II, part A and part B, forthcoming.
Personal household interviews. Extensive followup of nonrespondents. Data adjusted for nonresponse by imputation procedure based on "average" characteristics of persons in interviewed households in same geographic area.	Estimated CV's: For physician visits by males, 1.5%; for workdays lost by males, 3.5%; for persons injured at home, 4.7%.	Response rate was 97% in 1981.	U.S. National Center for Health Statistics, "Current Estimates from the National Health Interview Survey, U.S., 1980," Vital and Health Statistics, series 10—No. 141, DHEW No. (PHS) 82-1569, Oct. 1982.

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 4. HEALTH AND NUTRITION—Con.		
U.S. National Center for Health Statistics—Con.		
National Master Facility Inventory (NMFI) See tables 168, 178, and 179.	Periodic surveys of nursing and related care homes with 3 or more beds and other inpatient health facilities to update file. Information obtained on names, locations, and types of facilities, and number of beds and residents or patients.	Complete census of eligible institutions. Comprehensive file periodically updated to include names and addresses of newly established inpatient facilities from State licensing agencies.
(See section 1 above for information to tables 155 and 159 and section 16 pertaining to table 153.)		
SECTION 5. EDUCATION		
U.S. National Center for Education Statistics (NCES)		
Revenues and Expenditures for Public Elementary and Secondary Education See tables 210, 211, 228, 237, 239, and in section 32, table 1484.	Annual survey of State education agencies to obtain data on revenues and expenditures for public elementary and secondary education. Includes the 50 States, District of Columbia, and the outlying areas.	Complete census; however, data are extracted by State education agencies from fiscal reports submitted by local education agencies.
Statistics of Public Elementary and Secondary School Systems See tables in section 5 which present data from NCES pertaining to State public school systems.	Annual survey of State education agencies to obtain data on pupils enrolled, staff employed, and number of schools. Includes the 50 States, District of Columbia, and the outlying areas.	Complete census; however, data are extracted by State education agencies from fall reports submitted by local education agencies.
Higher Education General Information Survey (HEGIS) A. *Institutional Characteristics of Colleges and Universities* See tables 208, 209, 231.	Annual survey of all institutions and branches listed in the *Education Directory, Colleges and Universities* to obtain data on characteristics of institutions including control (public or private), type (university, other four-year, and two-year) and student charges.	Complete census.
B. *Fall Enrollment in Institutions of Higher Education* See tables 209, 217, 218, 257, 263, and 265.	Annual survey of all institutions and branches listed in the *Education Directory, Colleges and Universities* to obtain data on total enrollment by sex, level of enrollment, type of program, racial/ethnic characteristics (in alternate years) and attendance status of student, and on first-time students.	Complete census.
C. *Financial Statistics of Institutions of Higher Education* See tables 210, 211, 257, and 266.	Annual survey of all institutions and branches listed in the *Education Directory, Colleges and Universities* to obtain data on financial status and operations, including current funds revenues, current funds expenditures, and physical plant assets.	Complete census.
D. *Degrees and Other Formal Awards Conferred* See tables 255 and 275–277.	Annual survey of all institutions and branches listed in the *Education Directory, Colleges and Universities* to obtain data on earned degrees and other formal awards, conferred by field of study, level of degree, sex, and by racial/ethnic characteristics (in alternate years).	Complete census.
(See section 1 above for information pertaining to the Bureau of the Census and section 2 above for National Center for Health Statistics data.)		

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
Mail questionnaires to facilities. Missing questionnaire items imputed by using either previously reported information or by using current data from similar responding facilities.	Not applicable.	In 1976, coverage was 98% complete for nursing care and related homes and other custodial or remedial care facilities.	U.S. National Center for Health Statistics, "Design and Methodology of the 1967 Master Facility Inventory Survey," *Vital and Health Statistics*, series 1—No. 9, PHS Pub. No. 1000, Jan. 1971.
Mail survey with followup for nonresponse through direct contact of other records.	Not applicable.	Some distortion in expenditures by function due to variations in State accounting systems.	U.S. National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Education*, annual.
Mail survey. Imputations for missing data included in national totals; imputations are derived based on data reported over previous 5 years.	Not applicable.	Deviations from State to State, or year to year arise from differences in definitions, and instructions used by State education agencies.	U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary School Systems*, annual.
Survey package usually mailed in the spring with surveys due at varying dates in the summer and fall; mail and phone followup procedures for nonrespondents. Missing data imputed by using data for an earlier year, adjusted for trends observed in earlier HEGIS surveys, or data of similar institutions.	Not applicable.	Nearly 100% response rate.	U.S. National Center for Education Statistics, *Education Directory, Colleges and Universities*, annual.
See above.	Not applicable.	Approximately 98% response rate based upon institutional recordkeeping.	U.S. National Center for Education Statistics, *Fall Enrollment in Higher Education*, annual.
See above.	Not applicable.	For 1979, a 91.7% response rate. Imputed expenditures amounted to about 2.8% of total expenditures.	U.S. National Center for Education Statistics, *Financial Statistics of Institutions of Higher Education*, annual.
See above.	Not applicable.	For 1980–81 response rate based upon institutional recordkeeping.	U.S. National Center for Education Statistics, *Earned Degrees Conferred*, annual.

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 6. LAW ENFORCEMENT, COURTS, AND PRISONS		
U.S. Federal Bureau of Investigation		
Uniform Crime Reporting (UCR) Program See tables 285-289 and 296-300, and 302-305.	Monthly reports on the number of criminal offenses that become known to law enforcement agencies. Data collected on crimes cleared by arrest, by age, sex, and race of offender, and on assaults on law enforcement officers.	Crime statistics based on reports of crime data submitted either directly to the FBI by contributing law enforcement agencies or through cooperating State UCR programs.
U.S. Bureau of Justice Statistics (BJS)		
National Crime Survey See tables 290-292.	Monthly survey of individuals and households in the U.S. to obtain data on criminal victimization of those units for compilation of annual estimates.	National probability sample survey of about 60,000 interviewed households in 376 PSU's selected from a list of addresses from the 1970 census, supplemented by new construction permits and an area sample where permits are not required.
(See section 10 for details on tables 307 and 308, and section 30 for table 310.)		
SECTION 9. ELECTIONS		
(See section 1 above for information pertaining to tables 440 and 441.)		
SECTION 10. STATE AND LOCAL GOVERNMENT FINANCES AND EMPLOYMENT		
U.S. Bureau of the Census		
Census of Governments See tables in section 10 citing *Census of Governments*, and section 13, table 633.	Survey of all governmental units in the U.S. conducted every 5 years to obtain data on government revenue, expenditures, debt, employment and employee-retirement systems, property values, public school systems, and number, size, and structure of governments.	Complete census. List of units derived through classification of government units recently authorized in each State and identification, counting, and classification of existing local governments and public school systems.
Annual Surveys of State and Local Government See tables citing *Public Employment* and *Governmental Finances* in section 10, tables 307 and 308 in section 6, and table *633 in section 13.*	Sample survey conducted annually to obtain data on revenue, expenditure, debt, and employment of State and local governments. Universe is all governmental units in the U.S. (about 80,000).	Sample of about 16,000 units includes all State governments, county governments with 50,000+ population, municipalities with 25,000+ population, and other governments meeting certain financial criteria; probability sample for remaining units. A supplemental survey provides complete coverage of 39,000 local government units for data on taxes and intergovernment revenue.
SECTION 11. FEDERAL GOVERNMENT		
U.S. Internal Revenue Service		
Statistics of Income *Individual Income Tax Returns* See tables 522-526 and 528-530.	Annual study of unaudited individual income tax returns, Forms 1040 and 1040A, filed by U.S. citizens and residents. Data provided on various financial characteristics by size of adjusted gross income, marital status, State of residence, and by taxable and nontaxable returns.	Stratified probability sample of 171,700 returns for tax year 1980 broken into sample strata based on State groupings and on combinations of adjusted gross income or deficit, or the largest of specific income or loss items, and business plus farm receipts. Sampling rates for sample strata varied from .05% to 100%.

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
States with UCR programs collect data directly from individual law enforcement agencies and forward reports, prepared in accordance with UCR standards, to FBI. Accuracy and consistency edits performed by FBI.	Not applicable.	Coverage of 98% of the population (99% in SMSA's, 94% in rural areas) by UCR Program, though varying number of agencies report. Some error present through incorrect reporting.	U.S. Federal Bureau of Investigation, *Crime in the United States.*
Interviews are conducted every 6 months for 3 years for each household in sample; 10,000 households interviewed monthly. Personal interviews are used in the first, third, fifth, and seventh interviews; the intervening interviews are conducted by telephone whenever possible.	CV's in 1981: 11.5% for estimate of rape counts; 4.1% for robbery counts; 2.1% for assault counts; 1.2% for personal larceny counts; 1.8% for burglary counts; 1.5% for household larceny; and 4.0% for motor vehicle theft counts.	Respondent recall errors which may include reporting incidents for other than the reference period; interviewer coding and processing errors; and possible mistaken reporting or classifying of events. Adjustment is made for a household noninterview rate of about 4% and for a smaller within-household noninterview rate.	U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States, annual.*
Field compilation of financial data from official records and reports for States and large local governments; mail canvass of other units, with mail and telephone followups.	Not applicable.	Some response errors may arise due to respondents interpretation of definitions and instructions.	U.S. Bureau of the Census, *Census of Governments, 1977,* various reports.
Field compilation of financial data from official records and reports for States and large local governments; mail canvass of other units with mail and telephone followups of nonrespondents. Data for nonresponses imputed from previous year data.	CV for estimates of major employment and financial items are generally less than 2% for most States and less than 1% for the majority of States.	Nonresponse rate about 15% for number of units (about 5% for value items). Other possible errors may result from undetected inaccuracies in classification, response, and processing.	U.S. Bureau of the Census, *Public Employment in 1982,* GE 82, No. 1, and *Governmental Finances in* 1980–81, GF 81, No. 5.
Computer selection of sample of tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return.	Estimated CV's for tax year 1980 (1981 not available): For number of returns in subgroups, ranged from .8% for returns under $5,000 to .2% for returns over $500,000; and from less than .05% for 17 different States to 2.2% for D.C. for adjusted gross income less deficit, .1%; and amount of income tax, .2%.	Processing errors and errors arising from the use of tolerance checks for the data.	U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns,* annual.

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 11. FEDERAL GOVERNMENT—Con.		
U.S. Internal Revenue Service—Con.		
Corporation Income Tax Returns See tables 532 and 533 and in section 18, tables 887, 888, 890, 891, and 907-910.	Annual study of unaudited corporation income tax returns, Forms 1120 and 1120 (L, M, S, F, or DISC), filed by corporations or businesses legally defined as corporations. Data provided on various financial characteristics by industry and size of total assets, business receipts; taxable income, and income tax.	Stratified probability sample of 85,600 returns in 1979, broken into sample classes generally based on type of return, size of total assets, and size of net income or deficit (except Form 1120 DISC). Sampling rates for sample strata varied from .4% to 100%.
SECTION 13. SOCIAL INSURANCE AND HUMAN SERVICES		
U.S. Social Security Administration		
Benefit Data. See tables 622-625.	All persons receiving monthly benefits under Title II of Social Security Act. Data on number and amount of benefits paid by type and State.	Data based on administrative records.
Supplemental Security Income Program (SSI) See tables 651-655.	All eligible aged, blind, or disabled persons receiving SSI benefit payments under SSI program. Data include number of persons receiving federally administered SSI, amounts paid, and State administered supplementation.	Data based on administrative records.
(See section 1 above for information pertaining to the Current Population Survey, section 10 for information pertaining to Annual Surveys of State and Local Government, and section 30 for information pertaining to Census of Service Industries.)		
SECTION 14. LABOR FORCE, EMPLOYMENT, AND EARNINGS		
U.S. Bureau of Labor Statistics (BLS)		
Current Employment Statistics Program (CES) See tables 705, 706, 707, 711, 713; in section 16, table 738 and, in section 22, table 1046.	Monthly survey covering about 4 million nonagricultural establishments to obtain data on employment, hours, and earnings, by industry.	Probability sample survey of about 189,000 establishments in March 1982.
(See section 1 above for information pertaining to the Current Population Survey.)		
SECTION 15. INCOME, EXPENDITURES, AND WEALTH		
(See section 1 above for information pertaining to the Bureau of the Census.)		
SECTION 16. PRICES		
U.S. Bureau of Labor Statistics (BLS)		
Consumer Price Index (CPI) See tables 796, 797, 809-811, 813, 814, 818, 821, and 822, and in section 4, table 153.	Monthly survey of price changes of all types of consumer goods and services purchased by urban wage earners and clerical workers prior to 1978, and urban consumers thereafter.	Prior to 1978, sample of various consumer items in 56 urban areas; thereafter, in 85 PSU's.
Producer Price Index (PPI) See tables 796-801, 803, and 805; in section 25, table 1234; and in section 28, table 1320.	Monthly survey of producing companies to determine price changes of all commodities produced or imported for sale in commercial transactions in primary markets in the U.S. Data on agriculture, forestry, fishing, manufacturing, mining, gas, electricity, and public utilities.	Nonprobability sample of 2,800 commodities and about 10,000 respondents.

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
See above.	Estimated CV's for 1979 (1980 not available): For number of returns in subgroups, ranged from 1.5% with assets under $100,000 to 0% with assets over $25 mil.; for amount of net income and amount of income tax, .1%.	See above.	U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns,* annual.
Records used consist of actions pursuant to applications for benefits, updated by subsequent post-entitlement actions.	Not applicable.	Processing errors, which are believed to be small.	U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin.*
Data adjusted to reflect returned checks and overpayment refunds. For federally administered, actual adjusted amounts used; for State administered, payments deflated for average rate across all States.	Not applicable.	See above.	See above.
Cooperating State agencies mail questionnaires to sample establishments to develop State and local estimates; information forwarded to BLS where national estimates are prepared.	Estimated CV's in 1982 for average weekly hours paid, .1%; for average hourly earnings, .2%.	Incorrect responses believed to be somewhat offsetting. Estimates of employment adjusted annually to reflect complete universe. Average adjustment of .2%.	U.S. Bureau of Labor Statistics, *Employment and Earnings,* Explanatory Data, tables I–O and *BLS Handbook of Methods,* Bulletin 2134–1 (Dec. 1982).
Prices of 400 items obtained from about 2,300 food outlets, 18,000 rental units, 16,000 housing units (for property taxes), and 22,300 other reporters in 85 areas. Prices of most goods and services obtained monthly in the 5 largest areas and every 3 months in others.	Estimates of standard errors are not available at present.	Errors result from inaccurate reporting, difficulties in defining concepts and their operational implementation, lack of systematic method for incorporating new outlets in the sample, and introduction of product quality changes and new products.	U.S. Bureau of Labor Statistics, *The Consumer Price Index: Concepts and Content Over the Years.* Report 517. See also text, pp. 451 and 452.
Data collected by mail. If transaction prices not supplied, list prices used. Some prices obtained from trade publications, organized exchanges, and government agencies. To calculate index, price changes multiplied by their relative weights based on total net selling value of all commodities in 1972.	Not applicable.	Transaction prices at time of shipment not always available, so list and order prices sometimes used. Only about half of the total value of the mining and manufacturing sectors covered by current program. Double counting bias present because gross shipment values are used as weights.	U.S. Bureau of Labor Statistics, *BLS Handbook of Methods,* Bulletin 2134-2 (forthcoming).

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 18. BUSINESS ENTERPRISE		
U.S. Internal Revenue Service		
Statistics of Income		
Sole Proprietorship Returns See tables 887, 888, 890, and 891.	Annual study of unaudited income tax returns of sole proprietorships, Form 1040 with business or farm schedules. Data provided on various financial characteristics by industry, size of business receipts, and adjusted gross income.	Stratified probability sample of 82,000 sole proprietorships in tax year 1980. The sample is broken into sample classes based on type of return and on combinations of adjusted gross income or the largest of specific income or loss items and receipts.
Partnership Returns See tables 887, 888, 890, and 891.	Annual study of unaudited income tax returns of partnerships, Form 1065. Data provided on various financial characteristics by industry and size of business receipts, and total assets (partnerships only).	Stratified probability sample of 45,800 partnership returns filed for tax year 1980. The sample is broken into sample classes based on combinations of gross receipts, total income or loss, and total assets, and on industry. Sampling rates vary from .2% to 100%.
(See section 11 above for information pertaining to the Internal Revenue Service and section 29 below for table 906.)		
SECTION 19. COMMUNICATIONS		
(See section 29 for information pertaining to table 959.)		
SECTION 20. ENERGY		
U.S. Energy Information Administration		
Residential Energy Consumption Survey See tables 984 and 985 and tables 1349–1351 in section 28.	Annual survey of households and fuel suppliers. Data obtained on energy-related household characteristics, housing unit characteristics, use of fuels, and energy consumption and expenditures by fuel type.	Probability sample of 6,841 eligible units in 131 PSU's. For responding units, fuel consumption and expenditure data obtained from fuel suppliers to those households.
SECTION 22. TRANSPORTATION—LAND		
(See section 1 above for information pertaining to table 1081, section 2 for table 1065, and section 14 for table 1946.)		
SECTION 23. TRANSPORTATION—AIR AND WATER		
U.S. Bureau of the Census		
Foreign Trade—Export Statistics See Bureau of the Census citations for export statistics in source notes in sections 23 and 31 and also tables 1278 and 1496.	The export declarations collected by Customs are processed each month to obtain data on the movement of U.S. merchandise exports to foreign countries. Data obtained include value, quantity, and shipping weight of exports by commodity, by country of destination, by Customs district of exportation, and by mode of transportation.	Shipper's Export Declarations are required to be filed for the exportation of merchandise valued over $500. Customs officials collect and transmit the documents to the Bureau of the Census on a flow basis for data compilation. Probability sampling is used in the compilation process for low-value shipments i.e., shipments to Canada valued $501–$1,999 which account for less than 1% of total exports.

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
Computer selection of sample of tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return.	Estimated CV's tax year 1980: For sole proprietorships, number of businesses, 5%; business receipts, .9%; and net income, .7%.	Processing errors and errors arising from the use of tolerance checks for the data.	U.S. Internal Revenue Service, *Statistics of Income, Sole Proprietorship Returns.*
Computer selection of sample of tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return.	Estimated upper limit CV's tax year 1980: For number of partnerships, 2.0%; and net income, .7%.	Processing errors and errors arising from the use of tolerance checks for the data.	U.S. Internal Revenue Service, *Statistics of Income, Partnership Returns.*
Personal interviews. Extensive followup of nonrespondents including mail questionnaires for some households. Adjustments for nonrespondents were made in weighting for respondents. Item nonresponse resulted in imputation or placement in "don't know" response.	Estimated CV's for household averages: For consumption, 1.8%; for expenditures, 1.4%; for various fuels, values ranged from 1.8% for electricity to 6.8% for LPG.	Household response rate of 91.6%. Non-consumption data was mostly imputed for mail respondents (4.9% of eligible units). Complete responses from fuel suppliers for various fuels ranged from 80.8% for electricity to 46.7% for fuel oil and kerosene. Imputations of energy consumption for some master-metered apartments appear to be underestimated by 50%.	U.S. Energy Information Administration, *Residential Energy Consumption Survey: Consumption and Expenditures, April 1, 1981 through March 1982.*
Statistical copies of Shipper's Export Declarations received on a daily basis from Customs ports throughout the country are subjected to a monthly processing cycle. They are fully processed to the extent they reflect items valued $500 and over, and in the case of exports to Canada, $2,000 and over. Estimates for shipments valued at $500 or less are made, based on established percentages of individual country totals.	Estimated CV's for total value of exports about .1% and, for major commodity groupings, about 1%. CV's less than 1% for total value over $10 million, less than 2% for totals between $3 million and $10 million, and less than possible errors due to rounding for value less than $3 million.	Clerical and complex computer checks intercept most processing errors and minimize otherwise significant reporting errors; other nonsampling errors are caused by undercounting of exports to Canada due to the nonreceipt of some Shipper's Export Declarations.	U.S. Bureau of the Census, *U.S. Exports, Schedule E, Commodity by Country*, FT 410.

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 23. TRANSPORTATION—AIR AND WATER—Con.		
U.S. Bureau of the Census—Con.		
Foreign Trade—Import Statistics		
See Bureau of the Census citations for *import statistics in source notes in* sections 23 and 31 and also tables 1278 and 1496.	The import entry documents collected by *Customs are processed each month to* obtain data on the movement of merchandise imported into the United States. *Data obtained include value,* quantity, and shipping weight by commodity, by country of origin, by *Customs district of entry, and by mode of* transportation.	Import entry documents are required to *be filed for the importation of goods into the United States. Customs officials* collect and transmit statistical copies of *the documents to the Bureau of the Census on a flow basis for data* compilation. Estimates for shipments *valued at $250 or less are based on established percentages of individual* country totals.
SECTION 24. AGRICULTURE		
U.S. Bureau of the Census		
1978 Census of Agriculture		
See tables citing Census of Agriculture in section 24 and, in section 32, table 1495.	*Census of all farm operators in the U.S.* every five years, generally, to obtain data on farm acreage, crops and livestock, *equipment, farm sales, income,* expenses, and other items, by State and county.	Complete census of most farms; sample of other farms. Self-enumeration by *mail* using lists of persons and organizations in agriculture from the previous census, Internal Revenue Service, Dept. of Agriculture, other government agencies, and agricultural related associations. Personal enumeration of area segment sample to supplement mail lists. For State and U.S. level data.
U.S. Department of Agriculture, Statistical Reporting Service (SRS)		
Basic Area Frame Sample		
See tables citing SRS in source notes in section 24 and table 1397, which pertain to this or the following two surveys.	Two annual sample surveys of U.S. farm operators: June survey collects data on *planted acreage* and livestock inventories; December survey collects data on livestock inventories and fall-*seeded crop acreage.*	Stratified probability sample of about 16,000 land area units of about 1 sq. mile (range from .1 sq. mile in cities to several sq. miles in open grazing areas). Sample includes 60,000 parcels of agricultural land. About 20% of the sample replaced annually.
Multiple Frame Surveys	*Surveys of U.S. farm operators to obtain* data on major livestock inventories, selected crop acreages and production, *and farm labor characteristics; and to* obtain farm economic data for price indexing.	*Primary frame from general or special purpose lists, supplemented by a* probability sample of land areas used to *estimate for list incompleteness.*
Objective Yield Surveys	Surveys for data on corn, cotton, potatoes, soybeans, and wheat to *forecast and estimate yields.*	*Random location of plots in probability* sample of fields. Fields selected in June *or December from Basic Area Frame Sample (see above).*
(See section 1 above for information pertaining to the *Census of Population and Current* Population Survey and section 29 for information pertaining to table 1176.)		
SECTION 28. CONSTRUCTION AND HOUSING		
U.S. Bureau of the Census		
Census of Construction Industries See table 1357 and, in section 32, table 1494.	Census every five years. In 1977, it covered all establishments primarily *engaged in contract construction, in* construction for sale on their own account (operative builders), or in *subdividing real property into lots* (approximately 530,000 establishments with paid employees, 600,000 without *paid employees).*	Probability sample of 181,000 establishments, which comprised all medium and large size employers in the universe and a probability sample of small employers. Also, all 600,000 establishments without paid employees are included in the coverage through administrative records.

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
Statistical copies of import entry documents, received on a daily basis from Customs ports of entry throughout the country, are subjected to a monthly processing cycle. They are fully processed to the extent they reflect items valued at $251 and over.	Estimated CV for world area and country totals less than .1% for totals over $20 million; less than .5% for totals between $1 million and $20 million; and less than possible errors due to rounding for values less than $1 million.	Verification of statistical data reporting by Customs officials prior to transmittal and a subsequent program of clerical and computer checks hold nonsampling errors arising from reporting and/or processing errors to a minimum.	U.S. Bureau of the Census, *U.S. General Imports, Schedule A, Commodity by Country*, FT 135.
Mail questionnaire to stratified sample (approx. 26%) of farms; shorter questionnaire to others on mail list. Nonrespondent followup by letters and phone calls. Published county data adjusted for mail list nonresponse. Supplemental direct enumeration sample provides estimates for farms not on mail list at State and U.S. level.	Standard errors by county and State for farm acreage, value of land and buildings, various crop and livestock values given in Appendix A tables of each 1978 State volume. The estimated CV for U.S. number of farms is .22% and land in farms is .04%.	Estimates of undercoverage of farms (chiefly small farms) was 3.4% nationally. Adjustment for farm nonresponse as a percent of the U.S. total represented 8.5% for number of farms, 4.6% for land in farms, and 3.9% for value of products sold.	U.S. Bureau of the Census, *Census of Agriculture, 1978*, vol. 1, State and county reports and vol. 5, part 4, *Procedural History*.
Data collection by personal enumeration. Imputation based on enumerator observation or data reported by respondents having similar agricultural characteristics having similar characteristics.	Estimated CV's range from 1-2% for regional estimates to 3-6% for State estimates of livestock inventories.	Minimized through rigid quality controls on the collection process and careful review of all reported data.	U.S. Department of Agriculture, SRS, *Scope and Methods of the Statistical Reporting Service*, Miscellaneous Publication No. 1308, July 1975.
Mail or personal interviews used for initial data collection. Mail nonrespondent followup by phone and personal interviews. Imputation based on average of respondents.	Estimated CV for number of hired farm workers is about 3%. See above for CV's of other national and State estimates.	In addition to above, replicated sampling procedures used to monitor effects of changes in survey procedures.	See above.
Enumerators count and measure plant characteristics in sample fields. Production measured from plots at harvest. Harvest loss measured from post harvest gleanings.	CV's for national estimates of production are about 2% to 3%.	See above.	See above.
Survey data for employers collected by questionnaire. IRS business tax forms used for establishments without paid employees. Followup on problems with questionnaire responses. Within industry, by State cross-classifications, missing data imputed based on relationships of known responses to administrative data.	Estimated CV of about 1% at national level for estimated totals of all construction and about .5% for construction subindustries.	Response rate 80% to 85% for most items. Computer scan used to identify incomplete questionnaires for review.	U.S. Bureau of the Census, *Census of Construction Industries, 1977*, vol. I, Industry and Geographic Area Statistics.

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 28. CONSTRUCTION AND HOUSING—Con.		
U.S. Bureau of the Census—Con.		
Monthly Survey of New Construction See tables 1328-1330, 1332, 1333 and 1335.	Survey conducted monthly of newly constructed housing units (excluding mobile homes, and nonhousekeeping residential buildings such as motels, hotels, courts and cabins). Data collected on the start, completion, and sale of housing. (Annual figures are aggregates of monthly estimates.)	Probability sample of housing units obtained from building permits selected from 14,000 permit-issuing places through 1978 and, beginning in 1979, 16,000 places. For nonpermit places, multistage probability sample of new housing units selected in 137 PSU's. In those areas, "knowledgeable" persons provide list of housing starts verified by phone or visit; areas also canvassed.
Value of New Construction Put in Place See tables 1321-1323.	Survey conducted monthly on total value of all construction put in place in the current month, both public and private projects. Construction values include costs of materials and labor, contractors' profits, overhead costs, cost of architectural and engineering work, and miscellaneous project costs. (Annual figures are aggregates of monthly estimates.)	Varies by type of activity: Total cost of private one-family houses started each month is distributed into value in place using fixed patterns of monthly construction progress; using a multistage probability sample, data for private multifamily housing are obtained by mail from owners of multiunit projects. Data for residential additions and alterations are obtained in a quarterly survey measuring expenditures; monthly estimates are interpolated from quarterly data. Estimates of value of private nonhousekeeping, nonresidential buildings, and State and local government construction are obtained by mail from owners (or agents) for a probability sample of projects. Estimates of farm nonresidential construction expenditures are based on U.S. Department of Agriculture annual estimates of construction; public utility estimates are obtained from reports submitted to Federal regulatory agencies and from private utility companies; estimates for all other private construction (nonbuilding) are obtained by phasing F. W. Dodge contract award data; estimates of Federal construction are based on monthly data supplied by Federal agencies.
Census of Housing See tables 1339, 1341, 1345, 1347, 1348, and 1357.	Census of all occupied and vacant housing, excluding group quarters, conducted every 10 years as part of the decennial census (see section 1 above) to determine characteristics of U.S. housing.	For 1970 and 1980, a complete count of 12 housing items. In 1970, other items collected from 5% and 15% probability samples selected from two sets of detailed questions on housing (these two sets having some common items). In 1980, approximately 19% of the housing units were included in the sample.
Annual Housing Survey See tables citing Annual Housing Survey in source notes.	Conducted nationally in the fall of each year to obtain data on the approximately 92 million occupied or vacant housing units in the U.S. (group quarters are excluded). Data include characteristics of occupied housing units, housing inventory changes, vacant units, new housing and mobile home units, financial characteristics, recent mover households, housing and neighborhood quality indicators and energy characteristics.	The national sample is a multistage probability sample with about 56,000 units eligible for interview in 1981. Sample units, selected within 461 PSU's, are surveyed over a 3-month period.

(See section 1 above for information pertaining to the Census of Population and section 16 pertaining to table 1320.)

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
Data obtained by telephone inquiry and field visit.	Estimated CV of 3% to 4% for estimates of national totals; as high as 20% for estimated totals of more detailed characteristics, such as residential multiunit structures.	Response rate over 90% for most items. Non-sampling errors attributed to definitional problems, differences in interpretation of questions, incorrect reporting, inability to obtain information about all cases in the sample, and processing errors.	U.S. Bureau of Census, *Construction Reports,* series C20, *Housing Starts;* C22, *Housing Completions;* C25, *New One-Family Houses Sold and For Sale;* and C27, *Price Index of New One-Family Houses Sold.*
See "Type of Data Collection Operation." Imputation accounts for approximately 20% of estimated value of construction each month.	CV estimates for private nonresidential building construction range from 3% for estimated value of industrial buildings to 10% for miscellaneous buildings. CV approximately 2% for total new private nonresidential buildings.	For directly measured data series based on samples, some nonsampling errors may arise from processing errors, imputations, and misunderstanding of questions. Indirect data series are dependent on the validity of the underlying assumptions and procedures.	U.S. Bureau of the Census, *Construction Reports,* series C30, *Value of New Construction Put in Place.*
In 1970, a self-enumeration census using a mail-out/mail-back procedure used in most areas. In 1980, mail questionnaires were used in even more areas than in 1970, with personal interviews in the remainder. Followup for nonrespondents and identification of vacant units done by phone and personal visit.	Evaluation programs are currently being conducted to provide information on the magnitude of both sampling (for sample items) and nonsampling errors in the 1980 census, including undercount (undercount of housing units in 1970 was estimated to be 1.4 percent).		U.S. Bureau of the Census, *U.S. Census of Population and Housing: Procedural History, 1960 and 1970;* and *1980 Census of Housing,* vol. 1, (HC80-1-A), Appendixes B, C, and D.
For 1981, about 90% of the survey was conducted by personal interviews with subsequent followup by telephone or personal visit. The remaining 10% of the sample was conducted by telephone interview.	For the national sample, illustrations of the S.E. of the estimates are provided in the appendix of each report. As an example, the estimated CV is about .4% for the estimate of the number of owner occupied housing units.	Response rate about 94%. Errors result from incorrect or incomplete responses, errors in coding and recording, and processing errors. For the 1981 national sample, about 555,006 units were not included in the sample coverage. A reinterview study also indicates some inconsistencies in the data, especially in some attitudinal items.	U.S. Bureau of the Census, *Current Housing Reports,* series H-150 and H-170, Annual Housing Survey.

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 29. MANUFACTURES		
U.S. Bureau of the Census		
Census of Manufactures See tables citing *Census of Manufactures* in source notes in section 29 and also tables 395, 906, 959, 1176, and 1493.	Conducted every five years to obtain information on labor materials, capital input and output characteristics, plant location, and legal form of organization for all plants in the United States with one or more employees. Universe was 350,000 manufacturing firms.	*Complete enumeration of data items* obtained from 205,000 firms. Administrative records from Internal Revenue Service and Social Security Administration used for 145,000 smaller single-unit firms, which were determined by various cutoffs based on size and industry.
Annual Survey of Manufactures See tables citing *Annual Survey of Manufactures* in source notes in section 29 and also table 1176.	Conducted annually to provide basic measures of manufacturing activity for intercensal years for all manufacturing establishments having one or more paid employees.	Sampling frame is 350,000 firms in the 1977 Census of Manufacturers (see above), supplemented by Social Security Administration lists of new manufacturers and new manufacturing establishments of multi-establishment companies identified by the Census Bureau's Company Organization Survey from which a probability sample of 55,000 establishments is selected. All establishments with 100+ employees are included along with a probability sample of smaller establishments.
(See section 24 above for information pertaining to table 1397.)		
SECTION 30. DOMESTIC TRADE AND SERVICES		
U.S. Bureau of the Census		
Census of Wholesale Trade, Census of Retail Trade, Census of Service Industries See tables citing the above censuses in source notes in section 30; table 310 in section 6; and table 662 in section 13.	Conducted every five years to obtain data on number of establishments, number of employees, total payroll size, and total sales. In 1972, universe was all employer establishments primarily engaged in wholesale trade, and employer and nonemployer establishments primarily engaged in retail trade or selected service industries. The universe for the 1977 Census of Retail Trade and Wholesale Trade was the same. 1977 Census of Service Industries was expanded to cover several new service industries.	All wholesale firms with paid employees surveyed; all large retail and service firms with 4+ paid employees surveyed plus a sample of smaller firms. Firms with no employees were not required to file a census return.
Annual Surveys See tables 1426–1428, 1439, 1442, and 1445.	Annual surveys to obtain estimates of retail and wholesale sales and end-of-year inventories in the U.S. represent all employers and nonemployer retail establishments operating during the calendar year. Service survey for receipts begun in 1982.	Probability sample comprised firms in the sample of the Current Business Surveys; see below.
Current Business Surveys See tables 1426–1428, 1430, 1439, 1442, 1443, and 1445.	Provides monthly estimates of retail sales by kind of business and geographic area, and end of month inventories of retail stores; wholesale sales and end-of-month inventories; and receipts of selected service industries (Service monthly survey discontinued after Dec. 1981.)	Probability sample of firms from a list frame and for retail and service an area frame. List frame is the Bureau's Standard Statistical Establishment List (SSEL) updated quarterly for recent "births" from the Social Security Administration list of establishments having an employer identification number. The largest firms are included monthly; a sample of others is included every three months on a rotating basis. The area frame covers businesses not subjected to sampling on the list frame. The area sample consists of selected land segments in which all in-scope businesses are canvassed and those businesses determined not to be subjected to sampling on the list frame are tabulated.
SECTION 31. FOREIGN COMMERCE AND AID		
(See section 23 above for information pertaining to tables citing import and export statistics in source notes in this section.)		
SECTION 32. OUTLYING AREAS UNDER JURISDICTION OF THE UNITED STATES		
(See section 2 above for information pertaining to table 1483.)		

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
Five mail and telephone followups for larger nonrespondents. Data for small single-unit firms (generally those with fewer than 10 employees) not mailed census questionnaires are estimated from administrative records of IRS and SSA. Data for nonrespondents imputed from related responses or administrative records from IRS and SSA. Approximately 3.7% of total value of shipments was represented by fully imputed records in 1977.	Not applicable.	Based on evaluation studies, estimates of nonsampling errors for 1972 were about 1.3% for estimated total payroll; 2% for total employment; and 1% for value of shipments. Estimates for 1977 are not available.	U.S. Bureau of the Census, *Census of Manufactures, 1977*, vol. I, *Subject and Special Statistics*.
Survey conducted by mail with phone and mail followups of nonrespondents. Imputation (for all nonresponse items) based on previous year reports, or for new establishments in survey, on industry averages.	Estimated CV's for number of employees and for value added totals given in annual publications. For State totals, most estimated CV's are 2% or less, but vary considerably for detailed characteristics.	Response rate about 85%. Nonsampling errors include those due to collection, reporting, and transcription errors, many of which are corrected through computer and clerical checks.	U.S. Bureau of the Census, *Annual Survey of Manufactures*, and Technical Paper 24.
Mail and telephone followups for nonrespondents. Data for nonrespondents and "nonselected" firms in retail trade and service industries are imputed from administrative records of IRS and the Social Security Administration. Imputation from related responses or administrative records from IRS or SSA.	Not applicable.	Response rate 85% for single establishment firms; 92% for multi-establishment firms. Item response ranged from 60% to 90% with higher rates for less detailed questions.	U.S. Bureau of the Census, Appendix A of *Census of Retail Trade*, vol. I; *Census of Service Industries*, vol. I; *Census of Wholesale Trade*, vol. I; and *History of the 1977 Economic Censuses*, December 1980.
Survey questionnaire mailed early in year and followed by mail and phone followups. are imputed from administrative records of IRS and the Social Security Administration. Imputation from related responses or administrative records from IRS or SSA.	CV's for total retail and wholesale estimates of sales and inventories and service receipts are about 1%. For more detailed estimates by kind of business, or geographic areas, estimated CV's range from 0 to 8%.	Imputation rates are about 6% to 8% for annual retail sales and inventory, and about 9% to 11% for annual wholesale sales and inventory. For service receipts, rate is 6%.	U.S. Bureau of the Census, *Current Business Reports: 1981 Retail Trade* and *1981 Wholesale Trade and 1982 Service Annual Survey*.
Data collected by mail with telephone followup for nonrespondents. Imputation made for each nonresponse item and each item failing edit checks.	CV's about .8% for estimated total retail sales, 2.4% for wholesale sales, 2.0% for wholesale inventories, and 1.5% for selected service receipts. Sampling errors shown in monthly publications.	Imputation rates are about 10%–15% for monthly retail sales, wholesale sales, and selected services receipts and about 20%–25% for monthly wholesale inventories.	U.S. Bureau of the Census, *Current Business Reports, Monthly Retail Trade, and Monthly Wholesale Trade. Monthly Selected Services Receipts* discontinued after Dec. 1981.

APPENDIX IV

Guide to Sources of Statistics

Alphabetically arranged by subject, this guide contains references to the important primary sources of statistical information for the United States. Secondary sources have been included if the information contained in them is presented in a particularly convenient form or if primary sources are not readily available. Nonrecurrent publications presenting compilations or estimates for years later than 1973 or types of data not available in regular series are also included.

Much valuable information may also be found in State reports (see pp. 964-967) and in reports for particular commodities, industries, or similar segments of our economic and social structures, many of which are not included here.

Publications listed under each subject are divided into two main groups: "U.S. Government" and "Other." The location of the publisher of each report is given except for Federal agencies located in Washington, D.C. Most Federal publications may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, tel. (202) 783-3238, or from Government Printing Office bookstores in certain major cities. In some cases, Federal publications may be obtained from the issuing agency.

Major reports, such as the Census of Population, which consist of many volumes, are listed by their general, all-inclusive titles.

Abortions—*see* Vital Statistics.

Accidents—*see also* Health; Insurance; *and* Vital Statistics

U.S. Government

Bureau of Labor Statistics

Occupational Injuries and Illnesses in the United States by Industry, 1981. Annual. (Bulletin No. 2164.)

Civil Aeronautics Board

Supplement to the Handbook of Airline Statistics. Biennial.

Department of Transportation

Transportation Safety Information Report. Quarterly.

Federal Railroad Administration

Accident/Incident Bulletin. Summary, statistics, and analysis of accidents on railroads in United States. Annual.

Rail-Highway Crossing Accident/Incident and Inventory Bulletin. Annual.

Summary Statistics of the National Railroad-Highway Crossing Inventory For Public At-Grade Crossings. An inventory which contains data on the physical and operational characteristics of the 402,000 railroad-highway crossings in the United States.

Accidents—Con.

U.S. Government—Con.

Mine Safety and Health Administration

Informational Reports by Mining Industry: Coal, Metallic Minerals, Nonmetallic Minerals (except stone and coal), Stone, Sand, and Gravel. Annual.

Mine Injuries and Worktime. (Preliminary data.) Quarterly.

National Center for Health Statistics

Current Estimates from the Health Interview Survey. Annual.

Vital Statistics of the United States. Annual.

National Transportation Safety Board

Accidents. Annual.

Other

Metropolitan Life Foundation, New York, N.Y.

Statistical Bulletin. Quarterly.

National Fire Protection Association, Quincy, Mass.

Fire Almanac. Annual.

Fire Journal. Bimonthly.

National Safety Council, Chicago, Ill.

Accident Facts. Annual.

Agriculture—*see also* Food; Foreign Commerce; Irrigation; Labor; Money and Banking; *and* Population

Agriculture—Con.

U.S. Government

Bureau of the Census

Census of Agriculture. Quinquennial. (1978, most recent.)

U.S. Commodity Exports and Imports as Related to Output. Annual. (Series ES2.)

Bureau of the Census and Bureau of Mines

Raw Materials in the United States Economy; 1900–1977. (Issued 1980, Working Paper No. 47.)

Commodity Futures Trading Commission

Commodity Futures Statistics. Annual. (Statistical Bulletin No. 516.)

Department of Agriculture

Agricultural Finance Statistics. Annual.

Agricultural Outlook. Monthly.

Agricultural Price Reports. Reports on prices received for farm commodities, prices paid for farm supplies, indexes and parity ratios. Monthly and annual.

Agricultural Statistics. Annual.

Commodity Credit Corporation Report of Financial Condition and Operations. Quarterly.

Conversion Factors and Weights and Measures for Agricultural Commodities and Products. March 1979. (Statistical Bulletin No. 616.)

Crop Production Reports. Acreage, yield, and production of various commodities. Monthly and Annual.

Crop Values Report. Price and value of various commodities. Annual.

Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics. 1981. (ECIFS 1-1.)

Economic Indicators of the Farm Sector: Production and Efficiency Statistics. Annual. (Statistical Bulletin No. 679.)

Economic Indicators of the Farm Sector: State Income and Balance Sheet Statistics. Annual. (Statistical Bulletin No. 678.)

Farm Real Estate Market Developments, Outlook and Situation. Annual with supplements.

Farm Real Estate Taxes. Annual.

Food Consumption, Prices, and Expenditures, 1960–81. (Statistical Bulletin No. 694.) Revised annually.

Foreign Agricultural Trade of the United States (FATUS). Monthly with annual supplements on calendar year and fiscal year trade data.

Foreign Ownership of U.S. Agricultural Land. 1980. (Agricultural Economic Report No. 447.)

Fruit and Vegetable Reports. Acreage, yield, production, value, and utilization of various fruits and vegetables. Periodic.

Handbook of Agricultural Charts. (Agricultural Handbook No. 574.) Annual.

The Hired Farm Working Force. Biennial.

Landownership in the United States. 1978. (Agricultural Economic Report No. 435.)

Livestock and Livestock Products. Reports pertaining to cattle, cattle on feed, hogs and pigs, lamb crop, livestock slaughter, sheep and goats, and wool and mohair. Periodic.

Major Uses of Land in the United States. Summary for 1978. November 1979. (Agricultural Economic Report No. 487.)

Milk and Dairy Products Reports. Milk production, dairy products, butter, and American cheese production reports. Weekly, monthly, annual.

Other Reports. Reports on varied items including cold storage, commercial fertilizer, farm employment and wages, farm numbers, farm production expenditures, mink, mushrooms. Monthly and annual.

Outlook for U.S. Agricultural Exports. Quarterly.

Poultry and Egg Reports. Reports covering eggs, chickens, turkeys, hatcheries, and poultry slaughter. Weekly, monthly, annual.

Situation Reports. Issued for cotton and wool, dairy products, fats and oils, feed, fertilizer, fruit, livestock and poultry, rice, sugar and sweeteners, tobacco, vegetables, wheat, and world agriculture. Monthly, quarterly, annual.

Statistics of Farmer Cooperatives. Annual.

Stock Reports. Stocks of grain, hops, peanuts, potatoes, rice, and soybeans. Quarterly, annual, periodic.

U.S. Food Expenditures, 1954–1978. August 1979. (Agricultural Economic Report No. 431.)

Weekly Weather and Crop Bulletin. Report summarizing weather and its effect on crops the previous week.

Farm Credit Administration

Annual Report.

Loans and Discounts of Farm Credit Banks and Associations. Annual.

National Oceanic and Atmospheric Administration

Weekly Weather and Crop Bulletin.

National summary.

Air Force—*see* National Defense.

Air Pollution—*see* Environment.

Aliens—*see* Immigration.

American Samoa—*see* Outlying Areas.

Area—*see* Geography.

Army—*see* National Defense.

Aviation—*see* Transportation.

Banks and Banking—*see* Money.

Births—*see* Vital Statistics.

Broadcasting—*see* Communications.

Building Permits—*see* Construction.

Business—*see also* Economic Indexes; Investments; Manufactures; Retail and Wholesale Trade; Scientific Resources; *and* Service Establishments.

U.S. Government

Administrative Office of the United States Courts

Annual Report of the Director.

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Working Capital for U.S. Nonfinancial Corporations. Quarterly. Beginning August 1978 published by the Federal Reserve Board.

Bureau of the Census

Census of Retail Trade. Quinquennial. (1977, most recent.)

Census of Service Industries. Quinquennial. (1977, most recent.)

Census of Wholesale Trade. Quinquennial. (1977, most recent.)

County Business Patterns. Annual.

Current Business Reports. Retail Trade, Sales, and Inventories, BR; and Wholesale Trade, Sales, and Inventories, BW.

Mergers & Acquisitions, 1972–1974. 1978.

Minority-Owned Businesses: 1977.

Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations.

Selected Characteristics of Foreign-Owned U.S. Firms. Annual.

Bureau of Economic Analysis

Business Conditions Digest. Monthly.

Business Statistics, 1982 Biennial Edition. 1983.

The Detailed Input-Output Structure of the U.S. Economy, 1972. 1979. (Three volumes.)

Business—Con.

U.S. Government—Con.

Bureau of Economic Analysis—Con.

Fixed Reproducible Tangible Wealth in the United States, 1925–79. 1982.

Handbook of Cyclical Indicators. 1983.

The National Income and Product Accounts of the United States, 1929–1976: Statistical Tables. 1981.

Selected Data on U.S. Direct Investment Abroad, 1950–76. 1982.

Summary Input-Output Tables of the U.S. Economy: 1973, 1974, and 1975. 1980. (Staff Paper No. 37.)

Summary Input-Output Tables of the U.S. Economy: 1976, 1978, and 1979. 1983. (Staff Paper No. 39.)

Survey of Current Business. Monthly.

Bureau of Industrial Economics

U.S. Industrial Outlook. Annual.

Council of Economic Advisers

Economic Indicators. Monthly.

Economic Report of the President. Annual.

Internal Revenue Service

Statistics of Income.

Corporation Tax Returns. Annual.

Partnership Returns. Annual.

Sole Proprietorship Returns. Annual.

Statistics of Income Bulletin. Quarterly.

Patent and Trademark Office

Commissioner of Patents and Trademarks Annual Report.

Securities and Exchange Commission

Statistical Review. Monthly.

Small Business Administration

Annual Report.

Other

The Conference Board, New York, N.Y.

Economic Road Maps. Monthly.

Dun & Bradstreet, Inc., New York, N.Y.

The Failure Record. Annual.

Monthly Failure Report.

Monthly New Business Incorporation Report.

Quarterly Business Starts.

Quarterly Businessmen's Expectations Report.

Business—Con.

Other—Con.

Fortune (Time, Inc.), New York, N.Y.

The Fortune Directory of the 500 Largest Industrial Corporations. (Annual supplement to Fortune.)

National Bureau of Economic Research, Cambridge, Mass.

The American Economy in Transition, Martin Feldstein, editor. 1980. (University of Chicago Press, Chicago, Ill.)

Business Cycles, Inflation, and Forecasting, by Geoffrey H. Moore. 1980. (Studies in Business Cycles 24.) (Ballinger Publishing Co., Cambridge, Mass.)

The Changing Roles of Debt and Equity in Financing U.S. Capital Formation, Benjamin M. Friedman, editor. 1982. (University of Chicago Press, Chicago, Ill.)

Conference on Research in Taxation, Michael Boskin, editor. Published as Supplement to Journal of Political Economy, April 1978. (Vol. 86, No. 2, part 2.)

Conference on Secular Inflation, Karl Brunner, editor. 1973. (Universities—National Bureau Conference 25.) (Supplement to Journal of Money, Credit, and Banking, No. 1, part 2. University Microfilms, Ann Arbor, Mich.)

Expectations and the Structure of Share Prices, by John G. Cragg and Burton G. Malkiel. 1982. (University of Chicago Press, Chicago, Ill.)

Factors in Business Investment, by Robert Eisner. 1978. (General Series 102.) (Ballinger Publishing Co., Cambridge, Mass.)

The Formation and Stocks of Total Capital, by John W. Kendrick. 1976. (General Series 100.) (Columbia University Press, Irvington, N.Y.)

Institutional Investors and Corporate Stock—A Background Report, Raymond Goldsmith, editor. 1973. (Studies in Capital Formation and Financing 13.) (Columbia University Press, Irvington, N.Y.)

The Measurement of Capital, Dan Usher, editor. 1980. (Studies in Income and Wealth 45.) (University of Chicago Press, Chicago, Ill.)

New Developments in Productivity Measurement, John W. Kendrick and Beatrice N. Vaccara, editors. 1980. (Studies in Income and Wealth 44.) (University of Chicago Press, Chicago, Ill.)

Orders, Production, and Investment—A Cyclical and Structural Analysis, by Victor Zarnowitz. 1973. (Business Cycles 22.) (Columbia University Press, Irvington, N.Y.)

Business—Con.

Other—Con.

National Bureau of Economic Research, Cambridge, Mass.—Con.

Postwar Productivity Trends in the United States, by John W. Kendrick. 1973. (General Series 98.) (Columbia University Press, Irvington, N.Y.)

Child Welfare—*see* Education; *and* Social Insurance.

City Government—*see* State and Local Government.

Civil Service—*see* Federal Government; *and* State and Local Government.

Climate—*see also* Health

U.S. Government

National Oceanic and Atmospheric Administration

Climatological Data. Issued in sections for States and outlying areas. Monthly.

Comparative Climatic Data Through 1981.

General Summary of Tornadoes. Annual.

Hourly Precipitation Data. Monthly with annual summary; for each State.

Local Climatological Data. Monthly with annual summary; for major cities.

Storm Data. Monthly.

Weekly Weather and Crop Bulletin. National summary.

Commerce—*see* Foreign Commerce; Retail and Wholesale Trade; *and* Transportation.

Commodity Prices—*see also* Economic Indexes

U.S. Government

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of Labor Statistics

Changing the Homeownership Component of the Consumer Price Index to Rental Equivalence. (From the CPI Detailed Report, January 1983.)

Changing the Treatment of Shelter Costs for Homeowners in the CPI. (Monthly Labor Review, June 1982.)

The Consumer Price Index: Concepts and Content Over the Years. (May 1978 Revised.) BLS Report 517.

Consumer Price Index Detailed Report. Monthly.

Consumer Prices: Energy and Food. Monthly.

Handbook of Labor Statistics. Annual.

Commodity Prices—Con.

U.S. Government—Con.

Bureau of Labor Statistics—Con.

Monthly Labor Review.

Producer Prices and Price Indexes. Monthly and annual.

Productivity and Costs. Quarterly.

Productivity and Costs in Nonfinancial Corporations. Quarterly.

U.S. Import and Export Price Indexes. Quarterly.

Department of Agriculture

Agricultural Price Reports. Monthly and annual.

Agricultural Statistics. Annual.

Other

Commodity Research Bureau, Inc., Jersey City, N.J.

Commodity Chart Service. Weekly.

Commodity Yearbook. Annual.

Commodity Yearbook Statistical Abstract Service. Quarterly. (3 editions annually.)

CRB Commodity Index Report. Weekly.

CRB EZ Update Charts. Bi-weekly.

Electronic Futures Trend Analyzer. Daily.

Futures Market Service. Weekly.

Morgan Guaranty Trust Company of New York

The Morgan Guaranty Survey. Monthly. (*Wholesale price index.*)

Wall Street Journal. (Dow Jones & Co., New York, N.Y.) Daily except Saturdays, Sundays, and holidays.

Communications—*see also* Newspapers

U.S. Government

Federal Communications Commission

AM-FM Broadcast Financial Data. Annual. (Discontinued in 1981.)

Annual Report.

Cable Television Revenues. Annual.

Statistics of Communications Common Carriers. Annual.

TV Broadcast Financial Data. Annual.

Rural Electrification Administration

Statistical Report—Rural Telephone Borrowers. Annual.

U.S. Postal Service

Annual Report of the Postmaster General.

Revenue and Cost Analysis. Annual.

Communications—Con.

Other

John Blair & Company, New York, N.Y.

Statistical Trends in Broadcasting. Annual.

Book Industry Study Group, Inc., Darien, Conn.

Book Industry Trends. Annual.

Broadcasting Publications, Inc., Washington, D.C.

Broadcasting Magazine. Weekly.

Broadcasting Cablecasting Yearbook.

Corporation for Public Broadcasting, Washington, D.C.

Public Broadcasting Income. Annual.

Public Radio and Television Programming Content by Category. Biennial.

Public Radio Subscription Programs. Annual.

Summary Statistical Report of PTV Licensees. Annual.

Summary Statistical Report of Public Radio Stations. Annual.

TV *Subscription Membership Programs.* Annual.

Editor & Publisher Co., Inc., New York, N.Y.

International Year Book. Annual.

Market Guide. Annual.

Electronic Industries Association, Washington, D.C.

Electronic Market Data Book. Annual.

Electronic Market Trends. Monthly.

Electronics Foreign Trade. Monthly.

Radio Advertising Bureau, New York, N.Y.

Radio Facts. Annual.

Television Digest, Inc., Washington, D.C.

Cable and Station Coverage Atlas. Annual.

Television Factbook. Annual.

United States Independent Telephone Association, Washington, D.C.

Statistics of the Independent Telephone Industry. Annual.

Construction, Housing, and Real Estate—*see also* Money *and* Roads

U.S. Government

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of Census

Census of Construction Industries. Quinquennial. (1977, most recent.)

Census of Housing. Decennial. (1980, most recent.)

Current Construction Reports: Housing Starts, C20 (monthly); New Residential Construction in Selected Standard Metropolitan Statistical Areas, C21 (quarterly); Housing Completions, C22 (monthly); New One-Family Houses Sold and for Sale, C25 (monthly with annual report, Characteristics of New Housing); Price Index of New One-Family Houses Sold, C27 (quarterly); Value of New Construction Put in Place, C30 (monthly with occasional historical supplement); Housing Units Authorized by Building Permits and Public Contracts, C40 (monthly and annual); Residential Alterations and Repairs, C50 (quarterly and annual).

Current Housing Reports: Housing Vacancies, H-111 (quarterly and annual); Market Absorption of Apartments, H-130 (quarterly and annual); Characteristics of Apartments Completed, H-131 (annual); Annual Housing Survey, H-150 (series of six annual reports); Annual Housing Survey—Housing Characteristics for Selected Metropolitan Areas, H-170.

Social Indicators, 1973; 1976; 1980.

Bureau of Economic Analysis

Business Conditions Digest. Monthly.

Business Statistics, 1982 Biennial Edition. 1983.

Fixed Reproducible Tangible Wealth in the United States, 1925–79. 1982.

Handbook of Cyclical Indicators. 1983.

The National Income and Product Accounts of the United States, 1929–76: Statistical Tables. 1981.

New Structures and Equipment by Using Industries, 1972: Detailed Estimates and Methodology. 1980. (Staff Paper No. 35.)

Survey of Current Business. Monthly.

Bureau of Industrial Economics

Construction Review. Bimonthly.

Bureau of Labor Statistics

Consumer Price Index Detailed Report. Monthly.

Employment and Earnings. Monthly.

Construction, Housing, and Real Estate—Con.

U.S. Government—Con.

Bureau of Labor Statistics—Con.

Labor and Material Requirements for (selected types of) Construction. (Bulletins issued at irregular intervals.)

Monthly Labor Review.

Rent or Buy? Evaluating Alternatives in the Shelter Market. 1979. (Bulletin No. 2016.)

Supplement to Employment and Earnings, Revised Establishment Data. Annual.

Supplement to Employment and Earnings, States and Areas Data. Annual.

Department of Housing and Urban Development

Statistical Yearbook. (Discontinued with 1979 edition.)

Survey of Mortgage Lending Activity. Monthly and quarterly press releases.

Energy Information Administration

Nonresidential Buildings Energy Consumption Survey: Building Characteristics. March 1981.

Residential Energy Consumption Survey: Housing Characteristics. Annual.

Federal Home Loan Bank Board

Annual Report.

Savings and Home Financing Source Book. Annual.

Veterans Administration

Loan Guaranty Highlights. Monthly.

Other

Dodge, F.W., Division, McGraw-Hill Information Systems Co., New York, N.Y.

Dodge Construction Potentials. Monthly.

National Association of Realtors, Washington, D.C.

Existing Home Sales. Monthly.

National Bureau of Economic Research, Cambridge, Mass.

Long Swings in Urban Development, by Manuel Gottlieb. 1976. (Urban and Regional Studies 4.) (Columbia University Press, Irvington, N.Y.)

Residential Location and Urban Housing Markets, by Gregory K. Ingram, editor. 1978. (Income and Wealth 43.) (Ballinger Publishing Company, Cambridge, Mass.)

Construction, Housing, and Real Estate—Con.

Other—Con.

Whitman, Requardt and Associates, Baltimore

The Handy-Whitman Index of Public Utility Construction Costs. Semiannual.

Consumer Income and Expenditures, and Personal Income—*see also* Agriculture; Economic Indexes; Investments; *and* National Income

U.S. Government

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of the Census

Census of Population. Decennial. (1980, most recent.)

Current Population Reports. (Series on Consumer Income, P-60.)

Bureau of Economic Analysis

Business Conditions Digest. Monthly.

Local Area Personal Income, 1976-81. Annual personal income by type of income and by major industries, and population and per capita income, for States, *counties, and standard metropolitan* statistical areas. Nine volumes published by the Government Printing Office, Washington, D.C.

Survey of Current Business. Monthly.

Bureau of Labor Statistics

Consumer Expenditure Survey:

Diary Survey, July 1972-June 1974. 1977. (Bulletin No. 1959.)

Integrated Diary and Interview Survey Data, 1972-1973—Total Expenditures and Income for the United States and Selected Areas. 1978. (Bulletin No. 1992.)

Interview Survey, 1972-73. 1978. (Bulletin No. 1997.)

Vol. I: U.S. Tables—Families Classified by Ten Family Characteristics.

Vol. II: Regional Tables—Families Classified by Income for Four Regions.

Consumer Expenditure Survey Series:

Diary Survey, July 1973-June 1974. 1976. (Reports 448-1 to 4.)

Interview Survey, 1972-73. 1977. (Reports 455-1 to 5.)

Interview Survey, 1972-73—Annual Expenditures and Sources of Income Cross-Classified by Family Characteristics, 1972 and 1973 Combined. 1978. (Bulletin No. 1985.)

Handbook of Labor Statistics. Annual.

Monthly Labor Review.

Consumer Income and Expenditures, and Personal Income—Con.

U.S. Government—Con.

Bureau of Labor Statistics—Con.

Three Budgets for a Retired Couple in Urban Areas of the United States. (Bulletin No. 1570-6 and supplements.) (Discontinued.)

Three Standards of Living for an Urban Family of Four Persons. (Bulletin No. 1570-5 and supplements.) (Discontinued.)

Internal Revenue Service

Statistics of Income. (Annual report on Individual Income Tax Returns.)

Statistics of Income Bulletin. Quarterly.

Other

American Financial Services Association, Washington, D.C.

Finance Facts Yearbook. Annual.

National Bureau of Economic Research, Cambridge, Mass.

Household Production and Consumption, Nestor E. Terleckyj, editor. 1976. (Studies in Income and Wealth, vol. 40.) (Columbia University Press, Irvington, N.Y.)

The Measurement of Economic and Social Performance, Milton Moss, editor. 1974. (Studies in Income and Wealth, vol. 38.) (Columbia University Press, Irvington, N.Y.)

Consumer Prices—*see* Commodity Prices.

Corporations—*see* Business; *and* Manufactures.

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Courts—*see* Law Enforcement.

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Deaths—*see* Vital Statistics.

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Other

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Giving USA. Annual.

American Red Cross, Washington, D.C.
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Annual Report.

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National Bureau of Economic Research, Cambridge, Mass.
The Measurement of Economic and Social Performance, Milton Moss, editor. 1974. (Studies in Income and Wealth, vol. 38.) (Columbia University Press, Irvington, N.Y.)

United Way of America, Alexandria, Va.
Annual Directory.

Soil Conservation—*see* Irrigation.

Sports—*see* Recreation.

State and Local Government—*see also* Federal Government

U.S. Government

Bureau of the Census
Census of Governments. Quinquennial. (1977, most recent.)
City Employment. Annual. (GE No. 2.)
City Government Finances. Annual. (GF No. 4.)
County Government Employment. Annual. (GE No. 4.)
County Government Finances. Annual. (GF No. 8.)
Environmental Quality Control. Governmental Finances. Annual. (1979–80, last issue.) (GSS No. 103.)
Expenditures of General Revenue Sharing and Anti-recession Fiscal Assistance Funds. 1977–78. (GSS No. 96.)
Federal Expenditures by State for Fiscal Year 1982. Annual.
Finances of Employee-Retirement Systems of State and Local Governments. Annual. (GF No. 2.)
Finances of Public School Systems. Annual. (GF No. 10.)

State and Local Government—Con.

U.S. Government—Con.

Bureau of the Census—Con.
Finances of Selected Public Employee Retirement Systems. Quarterly. (GR Nos. 1–4.)
Governmental Finances. Annual. Covers Federal, State, and local governments. (GF No. 5.)
Labor-Management Relations in State and Local Governments: 1980. (GSS No. 102.)
Local Government Employment in Selected Metropolitan Areas and Large Counties. Annual. (GE No. 3.)
Local Government Finances in Selected Metropolitan Areas and Large Counties. Annual. (GF No. 6.)
Property Values Subject to Local General Property Taxation in the United States. 1979. (GSS No. 98.)
Public Employment. Annual. (GE No. 1.)
Quarterly Summary of State and Local Tax Revenue. (GT Nos. 1–4.)
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State Government Finances. Annual. (GF No. 3.)
State Government Tax Collections. Annual. (GF No. 1.)
Taxes and Intergovernmental Revenue of Counties, Municipalities, and Townships. Annual. (1978–79, last issue.) (GF No. 9.)

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Expenditure and Employment Data for the Criminal Justice System. Annual.

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Federal Aid to States. Annual.

Federal Highway Administration
Highway Statistics. Annual.

National Science Foundation
Research and Development in State and Local Governments 1977. Special report. (NSF 79-327.)

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Advisory Commission On Intergovernmental Relations, Washington, D.C.

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The Condition of Contemporary Federalism. 1981.

Countercyclical Aid and Economic Stabilization. 1978.

Payments in Lieu of Taxes on Federal Real Property. 1981.

Recent Trends in Federal and State Aid to Local Governments. 1980.

Regional Growth-Interstate Tax Competition. 1981.

Significant Features of Fiscal Federalism. Annual.

State and Local Pension Systems, Federal Regulatory Issues. 1980.

State Limitations on Local Taxes and Expenditures. 1977.

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Tax Capacity of the Fifty States: Methodology and Estimates. 1982.

The Value-Added Tax and Alternative Sources of Federal Revenue. 1978.

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The Book of the States. Biennial.

State Administration Officials, Classified by Functions. Biennial.

State Court Systems, 1978.

International City Management Association, Washington, D.C.

Municipal Year Book.

National Governors' Association and National Association of State Budget Officers, Washington, D.C.

Budgetary Processes in the States. July 1981.

Fiscal Survey of the States. Annual.

The Tax Foundation, Inc., Washington, D.C.

Facts and Figures on Government Finance. Biennial.

Stocks and Bonds—*see* Investments.

Stores—*see* Retail and Wholesale Trade *and* Service Establishments.

Tax Collections—*see* Federal Government; *and* State and Local Government.

Telephone and Telegraph Systems—*see* Communications.

Television—*see* Communications.

Trade—*see* Foreign Commerce; Retail and Wholesale Trade; *and* Service Establishments.

Transportation—*see also* Foreign Commerce; *and* Roads

U.S. Government

Army, Corps of Engineers

Waterborne Commerce of the United States (in five parts). Annual.

Bureau of the Census

Census of Transportation. Quinquennial. (1977, most recent.)

U.S. Waterborne Exports and General Imports. Monthly and annual. (FT 985.)

Vessel Entrances and Clearances: Annual Report. (FT 975.)

Bureau of Economic Analysis

Survey of Current Business. Monthly. Supplemented by Business Statistics, weekly and biennial.

Civil Aeronautics Board

Air Carrier Financial Statistics. Quarterly.

Air Carrier Traffic Statistics. Monthly.

Handbook of Airline Statistics. Annual, with biennial supplements.

Civil Aeronautics Board and Federal Aviation Administration

Airport Activity Statistics of Certificated Route Air Carriers. Semiannual.

Coast Guard

Marine Safety Statistical Review.

Merchant Vessels of the United States. Annual.

Department of State, Bureau of Consular Affairs

Summary of Passport Statistics. Annual.

Department of Transportation

National Transportation Statistics. Annual.

Transportation Safety Information Report.

U.S. International Air Travel Statistics. Annual.

Federal Aviation Administration

Airport Activity Statistics of Certificated Route Air Carriers. Annual.

Transportation—Con.

U.S. Government—Con.

Federal Aviation Administration—Con.

Census of U.S. Civil Aircraft. Annual.

FAA Air Traffic Activity. Annual, for fiscal years.

FAA Statistical Handbook of Aviation. Annual.

General Aviation Activity and Avionics Survey. Annual.

U.S. Civil Airman Statistics. Annual.

Federal Highway Administration

Cost of Owning and Operating Automobiles and Vans. Periodic.

Drivers Licenses. Annual.

Highway Statistics. Annual.

Traffic Speed Trends. Annual.

Interstate Commerce Commission

Annual Report.

Financial and Operating Statistics, Class I Motor Carriers of Passengers. Semiannual. (Discontinued in 1979.)

Financial and Operating Statistics, Class I Motor Carriers of Property. Semiannual. (Discontinued in 1979.)

Financial and Operating Statistics, Class I Railroads. Semiannual. (Discontinued in 1979.)

Freight Commodity Statistics, Class I Motor Carriers of Property. Annual. (Discontinued in 1980.)

Freight Commodity Statistics, Class I Railroads in the United States. Annual. (Discontinued in 1979.)

Revenue and Traffic of Carriers by Water. Quarterly, with summary for calendar year. (Discontinued in 1979.)

Transport Economics. Monthly until April 1974; quarterly thereafter. (Discontinued first quarter 1979.)

Transport Statistics in the United States. Issued annually in five separate parts. (Parts 3–5 discontinued in 1980.)

Maritime Administration

Annual Report.

Bulk Carriers in the World Fleet. Annual.

Containerized Cargo Statistics. Annual.

Employment Report of United States Flag Merchant Fleet Ocean-going Vessels 1,000 Gross Tons and Over. Annual. (Monthly and quarterly data available from source.)

Foreign Flag Merchant Ships Owned by U.S. Parent Companies. Annual.

Maritime Manpower Report. Monthly.

New Ship Construction. Annual.

A Statistical Analysis of the World's Merchant Fleets. Annual.

Transportation—Con.

Other

Aerospace Industries Association of America, Washington, D.C.

Aerospace Facts and Figures. Annual.

Air Transport Association of America, Washington, D.C.

Air Transport Facts and Figures. Annual. Quarterly Review.

American Bureau of Shipping, New York, N.Y.

The Record. Annual.

American Bus Association, Washington, D.C.

Annual Report.

Bus Facts. Annual.

American Public Transit Association, Washington, D.C.

Transit Fact Book. Annual.

Association of American Railroads, Washington, D.C.

Cars of Revenue Freight Loaded. Weekly with annual summary.

Freight Commodity Statistics, Class I Railroads in the United States. Annual.

Statistics of Railroads of Class I. Annual.

Yearbook of Railroad Facts.

Automotive News Almanac (Slocum Publishing Company, Detroit, Mich.) Annual.

Chilton Company, Radnor, Pa.

Annual Statistical Issue, Automotive Industries.

General Aviation Manufacturers Association, Washington, D.C.

Shipment Report. Monthly and Annual.

Statistical Databook. Annual.

Lake Carriers' Association, Cleveland. Ohio

Annual Report.

Lloyd's Register of Shipping, London, England

Annual Summary of Merchant Ships Completed in the World.

Annual Summary of Merchant Ships Totally Lost, Broken Up, etc., in the World. Also quarterly.

Quarterly Shipbuilding Returns (Merchant *Ships Under Construction, and Ships* Not Commenced in the World).

Statistical Tables. Annual. Analysis of world merchant fleet.

Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mich.

Motor Vehicle Facts and Figures. Annual.

Transportation—Con.

Other—Con.

Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mich.—Con.

World Motor Vehicle Data. Annual.

National Air Carrier Association, Washington, D.C.

Annual Report.

Railway Age. (Simmons-Boardman Publishing Corp., *New York, N.Y.*) *Monthly.* (Annual review and outlook issue.)

Regional Airline Association, Washington, D.C.

Annual Report.

Shipbuilders Council of America, Washington, D.C.

Annual Report.

Tanker Advisory Center, Inc., New York, N.Y.

Worldwide Tanker Casualty Returns.

Transportation Association of America, Washington, D.C.

Transportation Facts and Trends. (Discontinued.)

Transportation Policy Associates, Washington, D.C.

Transportation in America. March 1983 with periodic supplements.

Travel—*see* Recreation *and* Transportation.

Unemployment Insurance—*see* Labor; *and* Social Insurance.

Utilities, Public—*see* Communications; Energy; *and* Transportation.

Veterans—*see* National Defense; *and* Population.

Virgin Islands of the United States—*see* Outlying Areas.

Vital Statistics—*see also* Accidents; *and* Health

U.S. Government

Centers for Disease Control

Abortion Surveillance. Annual Summary 1979-1980.

Morbidity and Mortality Weekly Report. Annual summary also.

National Center for Health Statistics

Monthly Vital Statistics Report. Provisional Statistics. Annual summary also.

United States Life Tables: 1969-71. Decennial.

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U.S. Government—Con.

National Center for Health Statistics—Con.

Vital and Health Statistics. (A series of statistical reports covering health-related topics.)

Series 20: Mortality Data. Irregular.

Series 21: Natality, Marriage, and Divorce Data. Irregular.

Series 23: National Survey of Family Growth Statistics. Irregular.

Vital Statistics of the United States. Annual.

Other

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Abortion: Need, Services and Policies: Each State. 1979.

Abortion 1976-77: Need and Services in the United States, Each State and Metropolitan Area. 1979.

Abortions and the Poor: Private Mortality, Public Responsibility. 1979.

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United Nations Statistical Office, New York, N.Y.

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1977 Supplement to the Statistical Yearbook and the Monthly Bulletin of Statistics, Methodology, and Definitions. 1979.

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World Health Organization, Geneva, Switzerland

Annual Epidemiological and Vital Statistics.

Epidemiological and Vital Statistics Report. Monthly.

World Health Statistics. Quarterly and annual.

Vocational Rehabilitation and Education

U.S. Government

Bureau of the Census

Social Indicators, 1973; 1976; 1980.

Department of Education

Annual Report.

Office of Management and Budget

The Budget of the United States Government. Published annually in a group of four documents and a series of eleven special analyses published separately;

Vocational Rehabilitation and Education—Con.

U.S. Government—Con.

Veterans Administration—Con.

see listing under "Federal Government Finances and Employment."

Rehabilitation Services Administration

Caseload Statistics of State Vocational Rehabilitation Agencies in Fiscal Year. Annual.

Characteristics of Clients Rehabilitated in Fiscal Year. Annual.

Digest of Annual Reports of State Boards for Vocational Education.

State Vocational Rehabilitation Agency Program Data in Fiscal Year. Annual.

Vocational and Technical Education. Annual. (Discontinued 1978.)

Veterans Administration

Annual Report of Administrator of Veterans Affairs.

Disability Compensation Data. Semiannual.

Disability and Death Pension Data. Semiannual.

Disabled Veterans of the Vietnam Era—Education and Training Under the GI Bill and the Vocational Rehabilitation Program. May 1979.

Employment and Unemployment Among Vietnam Era Veterans—An Analysis of the 1979 National Survey of Veterans. August 1981.

Flight Training Under the GI Bill. September 1980.

Vocational Rehabilitation and Education—Con.

U.S. Government—Con.

Veterans Administration—Con.

Historical Data on the Usage of Educational Benefits: 1944-1980. May 1981.

Reports and Statistics Monograph—Selected Compensation and Pension Data, by State of Residence. Annual.

Vocational Rehabilitation and Education—Con.

U.S. Government—Con.

Veterans Administration—Con.

Reports and Statistics Monographs—Veterans Benefits under Current Educational Programs. Annual.

Women Veterans—Use of Educational Benefits Under the GI Bill. September 1981.

Wages and Wage Rates—*see* Labor; *and* Social Insurance.

Wealth—*see* National Income.

Weather—*see* Climate.

Welfare Services—*see* Health; *and* Social Insurance.

Wholesale and Retail Trade—*see* Retail and Wholesale Trade.

Wholesale Prices—*see* Commodity Prices.

Work Relief—*see* Social Insurance.

Work Stoppages—*see* Labor.

Bureau of the Census Publication

In most cases, separate reports of the most recent censuses are available for each State, subject, industry, etc. Complete information on publications of all the censuses and current surveys conducted by the Bureau of the Census appears in the *Bureau of the Census Catalog*, published annually and available from the Superintendent of Documents.

Guide to State Statistical Abstracts

This bibliography includes the most recent statistical abstracts for States and Puerto Rico published since 1973 plus those that will be issued in late 1983 or early 1984. For some States, a near equivalent has been listed in substitution for, or in addition to, a statistical abstract. All sources contain statistical tables on a variety of subjects for the State as a whole, its component parts, or both. The page counts given for publications are approximate.

Alabama

University of Alabama, University, Center for Business and Economic Research
Economic Abstract of Alabama. 1982. 404 pp.

Alaska

Office of the Governor, Juneau, Division of Budget and Management
The Alaska Statistical Review. 1982.

Arizona

Valley National Bank, Phoenix
Arizona Statistical Review. 39th ed. 1983.

University of Arizona, Tucson, Division of Economic and Business Research, College of Business and Public Administration
Arizona Statistical Abstract: A 1979 Data Handbook. 640 pp.

Arkansas

University of Arkansas at Little Rock, Industrial Research and Extension Center
State and County Economic Data for Arkansas. 14 pp. (Revised semiannually.)

California

Department of Finance, Sacramento
California Statistical Abstract, 1983. 225 pp.

Colorado

Transrep/bibliographics, Denver
Statistical Abstract of Colorado, 1976-1977 Thomas G. Tyler, editor. 1977. 515 pp.

Connecticut

Connecticut Department of Economic Development, Hartford, Business Office
Connecticut Market Data. 1983. 86 pp.

Delaware

Delaware Development Office, Dover
Dimensions on Delaware, A Statistical Abstract for 1979. (Out of Print.)
Delaware Data Book, 1983. 100 pp.

District of Columbia

Office of Planning, Data Services Division, District of Columbia
Population Estimates and *Housing Units,* annual.

Florida

University of Florida, Gainesville, Bureau of Economic and Business Research
Florida Statistical Abstract, 1983. 17th ed. 1983.

Georgia

University of Georgia, Athens, Division of Research, College of Business Administration
Georgia Statistical Abstract, 1982. 1982. 500 pp.

Office of Planning and Budget, Atlanta
Georgia Descriptions in Data, 1983. 259 pp.

Illinois

Bureau of the Budget, Springfield
Statistical Abstract, 1981. 159 pp.

Department of Commerce and Community Affairs, Springfield
Illinois State and Regional Economic Data Book—1982. 245 pp.

Indiana

Indiana State Planning Services Agency (agency abolished July 1983), Indianapolis
Indiana Fact Book, 1979. (No longer published.)

Iowa

Iowa Development Commission, Des Moines, Research Division
1983 Statistical Profile of Iowa. 126 pp.

Kansas

University of Kansas, Lawrence, Center for Public Affairs
Kansas Statistical Abstract, 1982. 18th ed. 1983.

Kentucky

Kentucky Department of Economic Development, Frankfort
Kentucky Economic Statistics. 20th ed. 1984.

Louisiana

University of New Orleans, New Orleans, Division of Business and Economic Research and Louisiana State Planning Office, Baton Rouge
Statistical Abstract of Louisiana. 7th ed. 1981. 413 pp.

Maine

Maine State Development Office, Augusta
State of Maine Fact Sheets (Updated periodically.)

Maryland

Department of Economic and Community Development, Annapolis
Maryland Statistical Abstract. 1983–84. 350 pp.

Massachusetts

Fred J. Gibney, Gloucester
Monograph of The Commonwealth of Massachusetts. (30 pp; updated periodically.)

Michigan

Wayne State University, Detroit, Bureau of Business Research, School of Business Administration
Michigan Statistical Abstract. 17th ed. 1982–83. 695 pp.

Minnesota

Minnesota Department of Energy, Planning and Development, Saint Paul
Minnesota Statistical Profile. 1981.

Blue Sky Marketing, Inc., Minneapolis
Minnesota Pocket Data Book, 1983–84. 362 pp.

Mississippi

Mississippi State University, Mississippi State, College of Business and Industry, Division of Research
Mississippi Statistical Abstract. 1982. 800 pp.

Missouri

University of Missouri, Columbia, Research Center
Statistical Abstract for Missouri, 1983. 208 pp.

Montana

Montana Department of Commerce and Economic Information Center, Helena.
Montana County Profiles. 1983. (Separate county reports updated periodically.)

Nebraska

Department of Economic Development, Lincoln, Division of Research
Nebraska Statistical Handbook. 1984–1985. 300 pp.

Nevada

Office of Community Services, Carson City
Nevada Statistical Abstract. 1983. 230 pp.
Nevada Statewide Profile. 1982. 101 pp.

New Hampshire

Office of State Planning, Concord
Selected Characteristics of New Hampshire Communities. December 1979. 10 pp. (out of print)
Selected Economic Characteristics of New Hampshire Communities. February 1980. 11 pp. (out of print)

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New Jersey

Office of Demographic and Economic Analysis, Trenton

County Data Summary, 1980. 2 pp.

New Mexico

University of New Mexico, Albuquerque, Bureau of Business and Economic Research

New Mexico Statistical Abstract. 1984. 180 pp.

New York

Nelson Rockefeller Institute of Government, Albany.

New York State Statistical Yearbook, 1983–84. 10th ed. 346 pp.

North Carolina

Office of State Budget and Management, Raleigh Research and Planning Services Section

North Carolina State Government Statistical Abstract. 1983. 400 pp.

Profile—North Carolina Counties. 5th ed. 1981. 267 pp. (*Profile, Update,* 1982, 47 pp.)

North Dakota

University of North Dakota, Bureau of Business and Economic Research, Grand Forks

The Statistical Abstract of North Dakota. 1983. 657 pp.

Economic Development Commission, Bismark

North Dakota Growth Indicators. 1983. 85 pp.

Ohio

Department of Development, Columbus, Ohio Data Users Center (ODUC)

ODUC Data Sets (Updated continuously.)

Oklahoma

University of Oklahoma, Norman, Center for Economic and Management Research

Statistical Abstract of Oklahoma, 1982. 450 pp.

Oregon

Oregon Department of Human Resources, Salem, State Community Services Program

Social Accounting for Oregon: Socio-Economic Indicators, 1980. 420 pp. (No longer published.)

Pennsylvania

Department of Commerce, Harrisburg, Bureau of Statistics, Research and Planning

Pennsylvania Statistical Abstract, 1983. 25th ed. 1983. 235 pp.

Rhode Island

Department of Economic Development, Providence

Rhode Island Basis Economic Statistics. 1982–1983. 200 pp.

South Carolina

Budget and Control Board, Columbia, Division of Research and Statistical Services

South Carolina Statistical Abstract: 1982. 320 pp.

South Dakota

South Dakota State Planning Bureau, Pierre

South Dakota Facts. 1976. 328 pp.

(No longer published.)

Tennessee

University of Tennessee, Knoxville, Center for Business and Economic Research

Tennessee Statistical Abstract, 1983–84. 6th ed. 750 pp. (Annual.)

Texas

Dallas Morning News, Dallas

Texas Almanac, 1984–1985. 1983. 704 pp.

University of Texas, Austin, Bureau of Business Research

Texas Fact Book, 1984. 5th ed. 229 pp.

Utah

University of Utah, Salt Lake City, Bureau of Economic and Business Research

1983 Statistical Abstract of Utah. 1983.

Utah Foundation, Salt Lake City

Statistical Review of Government in Utah. 1983. 101 pp. (1984 edition to be issued in April 1984.)

Vermont

Department of Budget and Management, Montpelier

Vermont Facts and Figures, 1975. 3d ed. 1975. 461 pp. (Out of print.)

Washington

Washington State Office of Financial Management, Olympia

State of Washington Data Book, 1984. 303 pp.

Washington State Research Council, Olympia

The Book of Numbers. 1983. 64 pp.

West Virginia

West Virginia Research League, Inc., Charleston

Economic Indicators. 1981. 92 pp.

The 1982 Statistical Handbook. 1983. 76 pp.

West Virginia Chamber of Commerce, Charleston

West Virginia: An Economic-Statistical Profile, 1982. 287 pp.

Wisconsin

Department of Administration, Madison, Bureau of Planning and Budget, Demographic Services Center

Wisconsin Statistical Abstract. 4th ed. 1979. 215 pp.

Legislative Reference Bureau, Madison

1983–1984 Wisconsin Blue Book. 1,000 pp. (Biennial.)

Wyoming

Department of Administration and Fiscal Control, Cheyenne, Division of Research and Statistics

Wyoming Data Book, 1983. 201 pp.

Puerto Rico

Planning Board, Santurce, Area of Economic and Research Evaluation, Bureau of Economic Analysis and Projections

Statistical Yearbook, 1976. 209 pp.

Socioeconomic Statistics, 1980. 14 pp.

Appendix V

Index to State Statistics in the 1982 Edition of the State and Metropolitan Area Data Book

[The 1982 edition of the State and Metropolitan Area Data Book (see inside back cover) contains over 2,000 subject items of *comparative data for States, regions,* and divisions. Listed below are the Statistical Abstract tables in this edition and the item numbers from table C (the State table) in the State and Metropolitan Area Data Book for which similar, though not necessarily comparable, comparative State data are presented. Both national-level and State-level Abstract tables are linked to the items in table C in order to provide easy reference to more detailed statistics]

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SELECTED CHARACTERISTICS OF CONGRESSIONAL DISTRICTS OF THE 98TH CONGRESS, 1979 AND 1980, AND ELECTIONS TO HOUSE OF REPRESENTATIVES, 1982

STATE AND DISTRICT	POPULATION, 1980 (Apr. 1)						MONEY INCOME, 1979		Percent households owner occupied,[4] 1980	Voting age population,[4 5] 1980 (1,000)	Percent of vote cast for winner in House races,[5] 1982
	Total persons (1,000)	Percent									
		Black	Spanish origin[1]	65 years old and over	High school graduates[2]	Below poverty level[3]	Per capita (dol.)	Median household (dol.)			
Alabama	**3,893.9**	**25.6**	**.9**	**11.3**	**56.5**	**18.9**	**5,894**	**13,669**	**70.1**	**2,731.6**	(x)
1st	563.9	31.0	1.0	10.7	58.7	20.1	5,764	13,998	70.6	384.3	R-61.0
2d	549.5	30.7	1.0	11.8	56.7	20.9	5,714	12,745	68.1	383.2	R-50.4
3d	555.3	28.2	.9	11.0	52.2	20.3	5,263	12,521	70.4	390.4	D-96.3
4th	562.1	7.2	.6	12.8	47.1	17.6	5,458	12,362	76.9	397.1	D-100.0
5th	549.8	14.3	.8	9.4	59.9	15.0	6,344	15,555	72.0	385.4	D-80.7
6th	554.2	34.4	.7	12.1	65.9	15.5	7,148	15,402	62.2	404.8	D-53.2
7th	559.1	33.3	.9	11.4	54.9	22.8	5,581	13,210	71.2	386.5	D-96.8
Alaska	**401.9**	**3.4**	**2.4**	**2.9**	**82.5**	**10.7**	**10,193**	**25,414**	**58.3**	**271.1**	**R-70.8**
Arizona	**2,718.2**	**2.8**	**16.2**	**11.3**	**72.4**	**13.2**	**7,041**	**16,448**	**68.3**	**1,926.7**	(x)
1st	543.7	3.6	11.4	11.4	76.3	11.2	7,359	16,784	64.0	399.7	R-65.9
2d	543.2	5.6	35.5	9.6	59.5	19.2	5,447	13,450	60.2	372.7	D-70.9
3d	544.9	1.5	11.8	14.7	73.0	11.6	6,873	16,547	75.7	389.2	R-63.3
4th	543.5	.6	5.3	9.1	76.6	13.3	8,239	19,168	72.4	375.2	R-65.7
5th	542.9	2.4	17.1	11.7	75.3	10.7	7,287	16,686	69.2	390.0	D-49.7
Arkansas	**2,286.4**	**16.3**	**.8**	**13.7**	**55.5**	**19.0**	**5,614**	**12,214**	**70.5**	**1,615.1**	(x)
1st	573.6	18.8	.8	14.0	45.7	24.8	4,929	10,801	67.7	396.1	D-64.6
2d	569.1	16.8	.8	10.6	65.0	13.8	6,464	14,729	67.6	401.1	R-53.9
3d	572.9	2.1	.8	14.9	57.5	16.2	5,647	12,119	74.0	414.8	R-66.0
4th	570.8	27.8	.8	15.2	53.8	21.0	5,423	11,728	72.6	403.0	D-65.6
California	**23,667.9**	**7.7**	**19.2**	**10.2**	**73.5**	**11.4**	**8,295**	**18,243**	**55.9**	**17,278.9**	(x)
1st	526.4	.8	6.1	12.5	76.2	11.2	7,515	16,394	63.4	386.9	D-49.6
2d	526.0	1.2	6.8	13.9	71.2	12.3	6,946	14,287	64.5	389.0	R-57.9
3d	525.8	8.2	9.7	10.0	79.9	10.9	8,359	17,668	58.8	390.4	D-89.6
4th	525.8	5.7	11.5	7.8	75.2	11.9	7,264	17,398	61.5	374.3	D-63.9
5th	525.9	8.0	13.2	15.9	76.2	11.2	9,788	17,276	36.9	435.7	D-57.9
6th	525.7	13.7	8.4	10.9	78.5	12.1	9,591	18,312	45.8	408.7	D-52.4
7th	525.3	10.8	9.7	9.4	78.9	8.6	8,964	21,308	65.7	378.8	D-67.2
8th	525.9	26.5	6.5	12.2	80.6	15.0	9,614	16,852	48.9	409.5	D-55.9
9th	524.6	11.6	13.5	10.0	74.5	7.8	8,564	20,463	59.4	387.4	D-60.7
10th	527.3	5.6	28.0	6.3	70.4	9.1	7,736	21,956	62.4	361.4	D-62.7
11th	525.1	5.8	11.4	10.4	82.4	6.3	10,308	22,781	57.6	404.1	D-57.1
12th	525.3	1.4	12.1	9.6	80.6	6.6	11,188	24,006	62.1	389.4	R-62.9
13th	526.6	2.3	11.6	6.8	82.4	5.7	9,514	24,117	60.7	380.4	D-65.9
14th	525.9	1.1	6.8	11.3	77.2	9.5	7,680	17,188	68.9	383.3	R-63.4
15th	525.9	2.6	26.8	9.8	59.3	14.2	6,594	15,523	61.3	359.3	D-63.7
16th	525.9	3.9	21.9	11.1	73.4	11.8	7,689	17,106	56.0	365.9	D-83.5
17th	524.8	2.8	28.3	9.4	59.6	14.7	6,474	15,312	62.0	355.1	R-54.0
18th	527.3	7.2	24.3	11.9	62.0	15.9	6,433	14,149	58.4	376.6	D-59.5
19th	526.1	2.8	25.2	10.7	73.8	10.8	7,777	17,707	54.7	384.0	R-61.1
20th	525.9	4.0	11.9	10.5	70.9	11.2	7,482	17,138	62.9	379.9	R-68.1
21st	525.0	1.5	10.2	6.8	84.5	5.5	9,796	26,101	74.4	367.5	R-71.8
22d	526.6	2.1	12.3	13.9	81.3	7.1	10,516	20,839	57.4	403.5	R-73.6
23d	526.0	2.7	9.3	12.7	83.5	8.5	13,198	21,119	45.4	426.3	D-59.6
24th	525.9	6.3	26.4	15.2	71.7	16.3	8,817	13,232	23.4	429.1	D-65.1
25th	525.4	9.6	63.6	9.3	46.1	22.7	5,080	12,441	38.0	357.9	D-85.5
26th	526.1	4.4	25.3	10.1	73.4	9.8	9,879	20,112	55.0	392.9	D-59.6
27th	525.8	10.6	16.9	9.6	79.8	10.8	10,578	18,801	36.8	416.4	D-59.5
28th	525.7	43.0	29.6	9.7	63.4	20.8	6,442	12,739	32.7	385.8	D-78.9
29th	525.8	46.6	32.3	9.1	51.5	25.7	5,092	11,678	42.5	346.7	D-79.8
30th	524.9	1.1	54.2	9.8	56.4	15.6	6,125	15,694	46.6	360.2	D-53.9
31st	526.1	33.7	25.1	6.9	63.0	15.8	6,285	17,064	53.3	353.8	D-72.4
32d	527.8	9.5	22.5	10.1	68.5	13.1	7,337	17,091	50.5	376.3	D-58.0
33d	526.3	5.2	19.0	8.0	77.9	7.7	8,553	22,706	71.1	370.6	R-65.2
34th	526.3	2.3	47.6	5.8	61.5	9.9	6,494	20,385	70.6	348.4	D-57.2
35th	526.4	3.2	13.6	10.6	74.5	9.5	7,504	18,178	70.6	372.5	R-68.3
36th	526.1	8.0	23.3	9.2	66.8	13.3	6,476	16,297	63.4	363.4	D-54.3
37th	525.0	3.8	18.5	16.5	69.0	10.6	7,769	16,118	71.0	383.3	R-59.1
38th	525.6	2.0	26.2	6.9	67.8	10.4	7,324	20,389	56.9	367.1	D-52.4
39th	526.0	1.1	15.5	7.1	79.7	6.6	9,334	22,401	59.2	380.9	R-72.2
40th	525.5	1.3	7.8	10.4	87.8	5.9	11,560	24,115	61.1	399.1	R-71.5
41st	526.0	1.9	7.2	8.7	86.5	8.0	9,383	20,660	59.4	397.1	R-68.9
42d	524.3	1.3	6.9	10.6	85.5	5.6	11,487	23,626	58.8	403.5	R-69.0
43d	528.1	2.6	12.5	12.2	81.7	8.9	8,953	20,201	65.8	387.5	(7)
44th	525.9	14.2	26.1	8.5	66.9	16.9	5,865	13,540	46.3	381.6	D-64.9
45th	525.9	1.8	18.5	10.9	74.6	10.6	7,966	16,421	53.2	387.5	R-68.6
Colorado	**2,890.0**	**3.5**	**11.8**	**8.6**	**78.6**	**10.1**	**7,998**	**18,056**	**64.5**	**2,081.2**	(x)
1st	481.7	12.3	18.9	12.8	74.4	14.0	8,511	15,255	49.3	373.6	D-60.3
2d	481.6	.8	8.7	5.4	83.5	7.2	8,320	21,337	68.8	339.6	D-61.8
3d	481.9	.7	17.1	10.3	72.7	12.9	6,892	15,751	69.5	345.2	D-53.4
4th	481.5	.5	13.7	10.2	71.5	13.1	6,703	15,696	67.1	342.7	R-69.8
5th	481.6	4.1	6.8	6.4	84.2	8.5	7,879	18,827	67.8	335.2	R-59.5
6th	481.7	2.7	5.3	6.4	86.1	5.1	9,684	22,330	67.7	344.9	R-62.2

See footnotes at end of table.

SELECTED CHARACTERISTICS OF CONGRESSIONAL DISTRICTS OF THE 98TH CONGRESS, 1979 AND 1980, AND ELECTIONS TO HOUSE OF REPRESENTATIVES, 1982—Con.

STATE AND DISTRICT	POPULATION, 1980 (Apr. 1)						MONEY INCOME, 1979		Percent households owner occupied,[4] 1980	Voting age population,[4 5] 1980 (1,000)	Percent of vote cast for winner in House races,[6] 1982
	Total persons (1,000)	Percent									
		Black	Spanish origin [1]	65 years old and over	High school graduates [2]	Below poverty level [3]	Per capita (dol.)	Median household (dol.)			
Connecticut	**3,107.6**	**7.0**	**4.0**	**11.7**	**70.3**	**8.0**	**8,511**	**20,077**	**63.9**	**2,284.7**	(x)
1st	516.2	11.6	6.3	12.7	70.3	9.5	8,331	19,583	57.8	383.6	D-68.1
2d	518.2	2.9	1.7	10.4	69.9	7.9	7,279	18,518	64.8	378.1	D-55.8
3d	518.7	10.4	2.9	12.4	70.5	9.3	7,876	18,963	63.0	387.7	D-49.9
4th	518.6	11.2	7.7	12.3	70.9	9.4	10,779	21,775	61.2	384.4	R-56.5
5th	518.7	4.2	3.3	11.0	69.9	6.7	8,442	20,964	67.8	372.0	D-58.5
6th	517.1	1.7	2.0	11.7	70.4	5.4	8,356	20,868	69.4	378.9	R-51.7
Delaware	**594.3**	**16.1**	**1.6**	**10.0**	**68.6**	**11.9**	**7,449**	**17,846**	**69.1**	**427.7**	**D-52.4**
District of Columbia [8]	**638.3**	**70.3**	**2.8**	**11.6**	**67.1**	**18.6**	**8,960**	**16,211**	**35.5**	**494.8**	**D-83.0**
Florida	**9,746.3**	**13.8**	**8.8**	**17.3**	**66.7**	**13.5**	**7,270**	**14,675**	**68.3**	**7,386.7**	(x)
1st	512.8	14.0	1.7	8.4	66.7	16.0	6,144	14,233	68.5	362.5	D-74.4
2d	513.1	24.2	1.3	10.7	59.3	21.7	5,448	12,117	71.0	363.4	D-61.7
3d	512.7	27.3	1.8	9.7	63.5	17.1	6,385	14,255	63.4	362.3	D-84.1
4th	512.7	10.9	1.7	16.8	68.9	13.3	6,989	14,097	71.3	385.0	D-66.9
5th	513.0	16.4	2.9	12.1	70.5	13.1	7,166	15,524	66.1	374.0	R-58.8
6th	513.0	13.9	2.3	18.5	62.3	17.9	5,985	11,909	73.0	394.1	D-61.3
7th	512.9	14.9	11.3	12.2	65.6	14.7	6,884	14,372	64.9	376.5	D-74.2
8th	512.9	8.8	1.5	27.6	67.0	10.7	7,412	12,884	71.3	413.9	(9)
9th	513.2	4.2	2.5	24.0	65.4	9.3	7,229	13,990	77.8	404.4	R-51.2
10th	512.9	13.0	3.3	18.0	61.2	14.2	6,561	13,795	72.1	381.6	(9)
11th	512.7	7.9	3.4	11.7	73.2	10.2	7,251	16,360	69.2	380.0	D-70.6
12th	513.1	19.1	5.2	18.9	63.8	15.2	7,301	14,651	69.7	384.2	R-52.6
13th	513.0	5.7	2.2	26.7	70.8	9.7	8,257	14,943	76.7	413.5	R-65.1
14th	512.8	4.1	4.6	24.4	73.4	7.2	9,097	17,346	78.0	406.9	D-73.0
15th	513.0	17.8	3.4	22.7	70.4	11.0	8,724	15,803	66.8	411.6	R-57.1
16th	513.4	5.0	21.0	17.9	69.3	8.0	8,343	18,046	74.2	396.4	D-67.9
17th	513.0	26.7	24.7	15.8	62.4	14.8	7,114	15,405	61.7	385.2	(9)
18th	513.3	15.8	50.7	24.3	53.5	20.7	6,997	11,214	35.3	417.0	D-71.2
19th	512.9	12.0	21.8	8.8	77.3	11.6	9,037	19,591	66.7	373.3	D-58.8
Georgia	**5,463.1**	**26.8**	**1.1**	**9.5**	**56.4**	**16.6**	**6,402**	**15,033**	**65.0**	**3,817.0**	(x)
1st	541.2	33.2	1.2	10.2	53.8	21.2	5,618	12,714	64.0	375.3	D-64.1
2d	550.0	36.5	1.1	10.9	47.1	23.7	5,190	12,184	64.9	369.6	D-100.0
3d	540.9	34.3	1.6	9.8	53.2	18.4	5,708	13,666	64.4	376.1	D-71.0
4th	542.4	12.9	1.6	8.3	78.1	7.9	9,212	20,763	60.8	399.7	D-65.5
5th	550.1	65.0	1.1	9.5	61.6	23.8	6,637	12,500	46.5	390.1	D-80.8
6th	549.0	14.9	.9	8.1	55.7	11.7	6,622	17,202	70.1	375.2	R-55.3
7th	545.9	6.0	.8	7.9	60.3	9.3	7,370	18,053	69.8	385.6	D-61.1
8th	541.7	35.3	.9	11.6	46.4	22.1	5,294	12,431	68.1	372.7	D-100.0
9th	551.8	5.2	.6	10.0	47.0	13.1	6,105	15,053	76.8	384.8	D-77.0
10th	550.3	25.0	1.4	8.3	59.2	15.5	6,269	15,274	65.9	388.1	D-100.0
Hawaii	**964.7**	**1.8**	**7.4**	**7.9**	**73.8**	**9.9**	**7,740**	**20,473**	**51.7**	**689.1**	(x)
1st	482.3	1.4	5.8	8.9	75.2	9.1	8,652	21,098	47.7	362.8	D-69.9
2d	482.3	2.2	9.0	6.9	72.2	10.7	6,827	19,795	56.1	326.3	D-69.2
Idaho	**943.9**	**.3**	**3.9**	**9.9**	**73.7**	**12.6**	**6,248**	**15,265**	**72.0**	**637.3**	(x)
1st	472.4	.2	3.4	10.5	72.3	12.4	6,389	15,396	73.3	324.5	R-53.7
2d	471.5	.4	4.4	9.3	75.3	12.8	6,106	15,174	70.7	312.8	R-52.3
Illinois	**11,426.5**	**14.7**	**5.6**	**11.0**	**66.5**	**11.0**	**8,066**	**19,321**	**62.6**	**8,183.5**	(x)
1st	519.0	92.1	1.1	10.4	58.1	31.4	5,699	11,411	27.9	358.9	D-97.3
2d	518.9	70.3	7.4	6.9	56.8	18.1	6,026	17,802	56.0	340.8	D-87.0
3d	519.0	5.7	3.5	12.6	67.2	5.0	8,489	22,550	74.8	379.4	D-74.0
4th	519.0	11.2	6.9	8.4	69.3	7.0	8,333	22,751	71.4	356.5	R-54.6
5th	519.0	3.4	26.0	11.8	47.3	12.6	6,908	17,354	52.1	377.2	D-75.4
6th	519.0	.8	2.9	7.4	80.6	3.1	9,906	26,722	75.6	367.9	R-68.4
7th	519.0	66.9	4.7	8.6	57.6	28.9	6,536	13,652	33.0	344.0	D-86.5
8th	519.0	4.3	31.6	12.4	46.3	16.9	6,509	15,052	38.7	375.2	D-83.4
9th	519.1	9.8	9.5	13.5	77.6	11.7	11,156	17,988	34.7	422.9	D-66.5
10th	519.7	5.6	4.3	7.8	82.5	4.4	11,943	27,890	73.4	368.6	R-59.0
11th	519.0	.4	6.1	16.6	64.3	5.6	9,170	20,944	59.4	409.5	D-72.6
12th	519.2	.8	3.0	6.8	79.1	3.9	9,538	25,277	74.3	356.9	R-66.2
13th	519.4	1.5	1.8	8.6	82.0	2.6	10,733	27,564	76.0	370.2	R-69.8
14th	521.9	1.9	3.9	9.6	73.4	5.9	8,539	22,175	71.1	367.4	R-64.6
15th	519.0	5.7	1.2	10.9	68.3	9.0	7,472	18,732	68.4	370.5	R-66.3
16th	519.0	4.8	2.6	11.4	66.6	7.8	7,655	19,416	70.2	364.8	R-57.2
17th	519.3	2.7	2.2	12.7	68.2	8.8	7,583	18,506	72.7	372.5	D-52.8
18th	519.0	4.6	.7	12.0	68.5	8.9	7,837	18,813	71.7	368.7	R-51.6
19th	518.4	3.9	.8	13.3	64.9	12.3	6,893	15,268	69.7	386.7	R-52.1
20th	519.0	5.1	.5	14.5	65.1	10.5	7,295	16,441	72.0	375.8	D-50.4
21st	521.0	14.7	1.1	11.9	61.1	13.1	6,907	17,155	70.9	367.3	D-63.7
22d	521.3	6.5	.6	14.9	55.2	14.5	6,338	13,991	74.4	381.7	D-66.2

See footnotes at end of table.

Selected Characteristics of Congressional Districts of the 98th Congress, 1979 and 1980, and Elections to House of Representatives, 1982—Con.

State and district	Population, 1980 (Apr. 1)						Money income, 1979		Percent households owner occupied,[4] 1980	Voting age population,[4 5] 1980 (1,000)	Percent of vote cast for winner in House races,[6] 1982
	Total persons (1,000)	Percent					Per capita (dol.)	Median household (dol.)			
		Black	Spanish origin [1]	65 years old and over	High school graduates [2]	Below poverty level [3]					
Indiana	**5,490.2**	**7.6**	**1.6**	**10.7**	**66.4**	**9.7**	**7,142**	**17,582**	**71.7**	**3,871.9**	(x)
1st	547.1	24.2	8.2	8.7	62.5	11.2	7,627	20,983	67.3	375.9	D–56.3
2d	553.5	2.6	.6	10.6	66.9	9.4	7,121	17,736	72.0	391.0	D–56.2
3d	558.1	5.3	1.4	11.2	66.5	8.7	7,184	17,463	75.1	395.1	R–51.2
4th	553.7	4.8	1.3	10.5	70.0	8.4	7,183	18,058	75.6	382.2	R–64.3
5th	548.3	2.2	1.1	10.2	68.8	7.6	7,297	18,814	75.6	380.2	R–61.1
6th	540.9	3.0	.6	10.2	75.2	6.4	8,611	20,511	72.4	381.8	R–64.9
7th	555.2	1.7	.6	11.3	69.7	9.3	6,832	16,829	73.8	403.1	R–62.3
8th	546.7	2.7	.5	12.9	62.6	10.9	6,785	15,468	73.9	395.2	D–51.4
9th	544.9	1.9	.6	10.4	60.7	10.6	6,191	15,884	74.8	383.0	D–67.1
10th	541.8	27.4	1.0	10.7	60.2	14.2	6,595	15,466	57.0	384.4	D–66.7
Iowa	**2,913.8**	**1.4**	**.9**	**13.3**	**71.5**	**10.1**	**7,136**	**16,799**	**71.8**	**2,087.9**	(x)
1st	486.0	2.0	1.6	13.3	69.7	10.2	7,212	16,893	72.8	345.5	R–59.2
2d	485.7	.8	.6	12.1	71.2	9.0	7,139	18,082	73.4	338.3	R–58.8
3d	485.5	2.1	.6	12.5	72.7	10.6	7,186	17,087	70.8	352.5	R–55.5
4th	485.5	3.0	1.2	11.0	77.9	8.9	7,861	18,174	67.5	356.2	D–66.0
5th	485.6	.3	.6	15.6	68.5	11.5	6,534	15,231	73.8	346.8	D–58.9
6th	485.5	.3	.7	15.3	69.5	10.7	6,885	15,674	72.9	348.6	D–64.3
Kansas	**2,363.7**	**5.3**	**2.7**	**13.0**	**73.3**	**10.1**	**7,350**	**16,362**	**70.2**	**1,714.6**	(x)
1st	472.1	.9	3.1	16.0	70.8	11.2	6,706	14,595	74.7	342.4	R–68.4
2d	473.0	7.3	3.0	10.9	76.3	11.8	6,723	15,495	64.1	349.0	D–57.4
3d	472.5	9.6	2.6	9.7	77.9	7.8	8,883	20,688	71.0	334.2	R–59.2
4th	473.2	7.1	3.0	10.9	74.9	9.1	7,915	17,609	66.1	341.7	D–73.9
5th	472.9	1.8	1.7	17.2	67.2	11.0	6,522	14,187	74.8	347.3	R–67.6
Kentucky	**3,660.8**	**7.1**	**.7**	**11.2**	**53.1**	**17.6**	**5,978**	**13,965**	**70.0**	**2,578.0**	(x)
1st	525.8	8.8	.9	13.8	52.8	15.6	5,999	13,713	74.2	379.0	D–100.0
2d	520.6	6.1	1.0	10.0	54.2	16.4	5,574	13,727	72.0	361.2	D–73.8
3d	522.3	20.0	.6	12.1	59.9	14.3	6,655	14,996	61.9	381.8	D–65.1
4th	523.1	2.4	.6	9.7	63.3	9.1	7,482	16,758	73.4	363.1	R–54.2
5th	523.7	2.1	.8	12.1	37.7	29.0	4,470	9,944	73.8	359.5	R–65.2
6th	519.0	9.3	.6	10.2	61.2	15.2	6,539	14,924	61.3	377.2	R–56.8
7th	526.3	1.0	.7	10.3	42.1	23.3	5,134	12,142	74.9	356.2	D–79.4
Louisiana	**4,205.9**	**29.4**	**2.4**	**9.6**	**57.7**	**18.6**	**6,430**	**15,227**	**65.5**	**2,875.4**	(x)
1st	525.0	29.4	3.9	9.6	64.6	16.6	7,196	16,566	60.0	367.6	(10)
2d	527.3	44.5	3.5	9.9	55.9	22.3	6,177	13,130	46.8	364.7	(10)
3d	526.3	15.2	3.5	6.8	60.5	12.0	7,342	19,726	67.7	351.8	(10)
4th	525.2	31.6	2.0	11.1	59.4	17.9	6,394	14,232	68.4	363.7	(10)
5th	527.2	31.2	1.0	12.5	52.0	25.3	5,312	11,501	73.3	360.7	(10)
6th	524.8	25.1	1.6	8.0	66.0	16.5	6,941	16,637	67.4	362.3	(10)
7th	525.4	20.1	1.7	8.8	54.1	15.2	6,777	16,927	71.5	355.6	(10)
8th	524.9	38.3	1.6	10.1	48.7	23.6	5,304	12,912	71.0	349.2	(10)
Maine	**1,124.7**	**.3**	**.4**	**12.5**	**68.7**	**13.0**	**5,768**	**13,816**	**70.9**	**803.3**	(x)
1st	581.2	.3	.5	12.8	71.2	11.6	6,198	14,676	69.9	418.4	R–55.3
2d	543.5	.3	.4	12.2	65.9	14.4	5,308	12,851	72.1	384.9	R–66.6
Maryland	**4,217.0**	**22.7**	**1.5**	**9.4**	**67.4**	**9.8**	**8,293**	**20,281**	**62.0**	**3,049.4**	(x)
1st	526.2	18.6	1.0	10.3	58.9	11.1	6,830	17,487	71.9	369.7	D–69.3
2d	526.4	5.4	.8	8.9	66.9	5.5	8,675	21,733	65.3	388.8	D–52.6
3d	527.7	16.0	1.1	13.9	61.7	11.1	8,191	17,956	61.1	399.0	D–74.2
4th	525.5	20.7	1.4	6.2	72.6	6.2	8,563	22,535	64.7	372.9	R–61.2
5th	527.5	34.9	2.2	5.6	77.3	6.9	8,533	22,465	55.9	374.7	D–79.6
6th	528.2	3.8	.8	10.2	64.7	7.9	7,794	19,541	72.6	376.4	D–74.4
7th	527.6	73.3	.9	10.7	49.2	25.4	5,494	12,490	41.9	376.6	D–87.9
8th	528.0	9.1	4.1	9.2	87.5	4.5	12,258	28,391	62.9	391.3	D–71.3
Massachusetts	**5,737.0**	**3.9**	**2.5**	**12.7**	**72.2**	**9.6**	**7,458**	**17,575**	**57.5**	**4,246.6**	(x)
1st	522.5	1.2	2.0	12.8	70.5	10.5	6,654	16,164	62.5	391.0	R–99.5
2d	521.9	5.3	3.7	12.8	64.7	10.8	6,702	16,319	61.5	377.8	D–72.6
3d	521.4	1.5	2.1	11.8	70.9	8.0	7,273	18,712	61.5	376.6	D–99.9
4th	522.0	1.0	1.4	12.7	71.6	7.2	8,597	19,745	60.8	386.2	D–59.5
5th	518.3	1.5	3.9	10.4	74.5	8.2	8,243	20,193	60.0	368.9	D–84.6
6th	518.8	1.0	1.1	13.1	75.3	8.1	7,864	18,663	61.5	383.2	D–57.8
7th	524.0	1.1	1.4	12.5	74.6	7.0	7,757	19,978	61.1	387.2	D–77.8
8th	521.5	4.6	3.0	13.0	74.1	13.7	7,766	15,082	30.9	434.1	D–74.9
9th	519.2	16.0	5.0	12.3	70.3	13.8	7,069	16,151	48.5	381.0	D–64.1
10th	522.2	1.4	1.5	14.8	72.9	8.8	7,186	16,577	70.5	377.6	D–68.7
11th	525.1	8.1	1.8	13.0	74.3	9.7	6,933	17,610	57.8	382.9	D–100.0
Michigan	**9,262.1**	**12.9**	**1.8**	**9.8**	**68.0**	**10.4**	**7,688**	**19,223**	**72.7**	**6,510.1**	(x)
1st	514.6	70.7	2.1	9.3	58.4	18.3	6,480	16,426	67.0	349.2	D–96.7
2d	514.6	4.7	1.3	8.7	77.1	8.4	8,399	20,849	69.3	375.9	R–65.5
3d	514.6	8.8	2.4	9.6	72.3	10.8	7,478	18,252	68.0	367.5	D–56.3
4th	514.6	7.3	1.6	10.9	66.0	10.9	6,796	16,941	75.6	355.7	R–59.7
5th	514.6	6.2	1.9	10.1	70.4	8.6	7,385	18,565	73.2	359.6	R–53.1
6th	514.6	7.2	2.4	7.1	73.9	9.6	7,827	21,047	70.0	361.0	D–51.4

See footnotes at end of table.

SELECTED CHARACTERISTICS OF CONGRESSIONAL DISTRICTS OF THE 98TH CONGRESS, 1979 AND 1980, AND ELECTIONS TO HOUSE OF REPRESENTATIVES, 1982—Con.

STATE AND DISTRICT	POPULATION, 1980 (Apr. 1)						MONEY INCOME, 1979		Percent households owner occupied,[4] 1980	Voting age population,[4 5] 1980 (1,000)	Percent of vote cast for winner in House races,[6] 1982
	Total persons (1,000)	Percent									
		Black	Spanish origin[1]	65 years old and over	High school graduates[2]	Below poverty level[3]	Per capita (dol.)	Median household (dol.)			
Michigan—Con.											
7th	514.6	15.3	1.7	7.8	68.0	10.0	7,906	21,159	75.6	346.9	D-75.4
8th	514.6	7.2	3.4	10.3	64.0	10.9	6,923	18,314	78.0	350.6	D-91.0
9th	514.6	4.5	1.9	11.3	66.2	10.7	6,360	16,297	78.1	356.9	R-64.9
10th	514.6	.5	1.2	10.2	67.6	12.0	6,296	16,102	79.9	357.4	D-60.1
11th	514.6	.6	.4	13.8	67.2	12.1	5,696	13,501	77.2	367.8	R-60.5
12th	514.6	2.1	1.1	8.8	68.4	6.0	8,272	22,289	77.9	362.0	D-65.9
13th	514.6	71.1	3.1	13.1	48.1	30.6	5,580	10,075	40.9	360.2	D-88.0
14th	514.6	4.9	1.0	11.3	64.6	6.6	8,725	21,603	79.2	372.4	D-94.9
15th	514.6	5.5	1.5	6.0	68.4	6.6	8,245	23,498	71.4	356.3	D-72.8
16th	514.6	2.7	2.4	10.2	65.4	6.7	8,405	21,883	76.0	367.6	D-73.7
17th	514.6	12.8	1.1	11.7	73.2	6.3	9,384	22,344	74.6	382.4	D-66.6
18th	514.6	.8	.9	7.0	84.0	3.3	12,231	29,806	78.0	360.7	R-73.3
Minnesota	**4,076.0**	**1.3**	**.8**	**11.8**	**73.1**	**9.5**	**7,451**	**17,761**	**71.7**	**2,904.2**	(x)
1st	509.5	.2	.7	13.1	69.7	9.7	6,762	16,696	75.3	362.6	D-51.2
2d	509.5	.1	.5	16.2	62.4	13.3	6,084	14,202	76.6	363.1	R-54.5
3d	509.5	.6	.6	7.1	86.7	3.7	10,055	25,382	75.1	352.7	R-72.2
4th	509.5	2.9	2.0	11.7	77.0	7.7	8,392	19,147	62.5	375.9	D-73.2
5th	509.5	5.8	1.1	13.6	76.6	10.9	8,213	16,152	54.2	401.4	D-65.5
6th	509.5	.4	.7	5.3	81.3	4.8	8,139	23,294	79.4	332.3	D-50.8
7th	509.5	.1	.5	13.5	62.6	15.0	5,577	13,777	77.3	355.6	R-50.3
8th	509.5	.3	.3	13.7	68.3	10.8	6,390	15,809	78.0	360.5	D-76.7
Mississippi	**2,520.6**	**35.2**	**1.0**	**11.5**	**54.8**	**23.9**	**5,183**	**12,096**	**71.0**	**1,706.4**	(x)
1st	504.7	26.0	.8	12.2	48.9	21.7	4,986	11,988	74.9	344.9	D-70.9
2d	504.7	53.7	1.1	12.9	46.8	34.4	4,465	10,018	64.1	327.2	R-50.3
3d	503.8	31.3	.8	11.7	55.3	21.9	5,215	12,276	74.4	346.5	D-93.1
4th	503.9	45.2	.8	11.5	50.0	28.3	5,700	12,620	69.8	345.8	D-52.5
5th	503.6	19.8	1.4	9.1	62.9	18.3	5,549	13,605	71.7	342.1	R-78.5
Missouri	**4,916.7**	**10.5**	**1.1**	**13.2**	**63.5**	**12.2**	**6,917**	**15,581**	**69.6**	**3,554.2**	(x)
1st	546.2	51.5	.9	13.7	58.6	18.4	6,638	14,474	54.4	393.1	D-66.1
2d	546.0	5.3	.9	8.6	77.5	4.0	9,707	23,837	75.7	386.5	D-56.5
3d	546.1	1.4	1.0	14.0	60.3	6.7	7,672	18,125	68.8	403.6	D-77.9
4th	546.6	2.7	1.0	12.9	63.8	11.9	6,244	14,409	74.5	390.4	D-54.8
5th	546.9	22.9	2.8	13.0	69.7	12.0	7,584	16,111	59.8	405.3	D-57.9
6th	546.6	1.8	1.0	14.3	67.1	10.7	6,875	15,533	72.8	396.5	R-55.3
7th	545.9	.8	.6	14.9	62.8	14.9	5,881	12,383	74.3	399.6	R-50.5
8th	546.1	4.4	.5	14.9	48.5	19.9	5,178	11,214	73.7	387.8	R-53.1
9th	546.2	3.3	.6	12.5	63.1	11.1	6,471	15,736	74.2	391.3	D-60.8
Montana	**786.7**	**.2**	**1.3**	**10.7**	**74.4**	**12.3**	**6,589**	**15,420**	**68.6**	**554.8**	(x)
1st	410.1	.1	1.0	10.7	75.9	12.1	6,508	15,288	68.8	291.8	D-59.8
2d	376.6	.4	1.6	10.8	72.8	12.5	6,677	15,563	68.3	263.0	R-53.7
Nebraska	**1,569.8**	**3.1**	**1.8**	**13.1**	**73.4**	**10.7**	**6,936**	**15,925**	**68.4**	**1,122.7**	(x)
1st	523.1	.8	.9	14.3	71.4	11.1	6,804	15,445	68.9	384.0	R-75.1
2d	522.9	8.4	2.1	9.6	77.6	9.0	7,579	16,028	64.3	365.0	R-56.7
3d	523.8	.1	2.4	15.4	71.4	12.0	6,426	14,469	71.9	373.7	R-99.7
Nevada	**800.5**	**6.4**	**6.7**	**8.2**	**75.5**	**8.7**	**8,453**	**18,211**	**59.6**	**584.7**	(x)
1st	400.6	9.9	7.6	8.2	74.0	9.3	8,490	18,014	57.7	292.9	D-57.5
2d	399.9	2.8	5.9	8.3	77.0	8.1	8,415	18,398	61.5	291.8	R-55.5
New Hampshire	**920.6**	**.4**	**.6**	**11.2**	**72.3**	**8.5**	**6,966**	**17,013**	**67.6**	**662.5**	(x)
1st	460.9	.5	.7	11.1	71.7	8.5	6,907	16,900	66.2	332.5	D-54.9
2d	459.7	.4	.6	11.2	72.8	8.4	7,025	17,132	69.1	330.0	R-70.8
New Jersey	**7,364.8**	**12.6**	**6.7**	**11.7**	**67.4**	**9.5**	**8,127**	**19,800**	**62.0**	**5,374.0**	(x)
1st	526.1	14.6	4.1	9.3	62.8	12.5	6,663	17,643	69.8	366.4	D-73.3
2d	526.3	13.2	4.4	15.0	60.4	12.1	6,793	15,662	69.5	382.0	D-68.0
3d	524.8	8.1	3.1	13.4	71.6	8.4	7,993	19,468	67.1	379.7	D-62.3
4th	527.5	17.3	3.0	10.1	67.8	8.4	7,501	19,600	67.8	382.7	R-52.7
5th	526.4	.9	1.5	9.3	78.7	3.8	9,648	25,550	80.0	371.6	R-65.3
6th	523.8	8.1	6.4	9.3	67.8	6.8	8,224	22,297	66.0	392.5	D-68.1
7th	525.6	14.1	7.7	11.0	71.0	7.5	8,778	21,925	61.7	387.4	R-56.0
8th	526.1	11.5	12.9	11.8	59.5	11.6	7,565	18,491	54.3	383.2	D-70.7
9th	527.3	5.8	4.1	13.2	72.7	4.6	9,906	23,021	61.9	409.4	D-53.0
10th	525.8	54.8	13.8	10.0	52.8	26.0	5,612	12,134	27.7	361.0	D-82.6
11th	525.3	6.9	2.8	12.8	72.0	5.1	9,450	22,458	60.9	401.2	D-64.3
12th	526.9	3.1	1.5	11.1	79.5	3.7	10,871	27,121	77.2	385.9	R-66.8
13th	526.2	4.3	1.8	14.4	72.8	5.6	8,291	20,320	80.9	380.7	R-59.5
14th	526.8	13.3	26.6	12.6	51.9	17.3	6,480	14,228	28.6	390.4	D-74.3
New Mexico	**1,302.9**	**1.8**	**36.6**	**8.9**	**66.9**	**17.6**	**6,119**	**14,654**	**68.1**	**885.0**	(x)
1st	434.1	2.3	37.4	8.3	75.8	13.6	7,048	15,977	63.7	307.6	R-52.4
2d	436.3	2.8	33.6	10.5	64.8	17.6	5,750	13,353	68.3	297.2	R-58.4
3d	432.5	.5	39.0	7.9	65.6	21.6	5,560	14,472	72.8	280.2	D-64.5

See footnotes at end of table.

SELECTED CHARACTERISTICS OF CONGRESSIONAL DISTRICTS OF THE 98TH CONGRESS, 1979 AND 1980, AND ELECTIONS TO HOUSE OF REPRESENTATIVES, 1982—Con.

STATE AND DISTRICT	POPULATION, 1980 (Apr. 1)						MONEY INCOME, 1979		Percent households owner occupied,[4] 1980	Voting age population,[4 5] 1980 (1,000)	Percent of vote cast for winner in House races,[6] 1982
	Total persons (1,000)	Percent									
		Black	Spanish origin [1]	65 years old and over	High school graduates [2]	Below poverty level [3]	Per capita (dol.)	Median household (dol.)			
New York	**17,558.1**	**13.7**	**9.5**	**12.3**	**66.3**	**13.4**	**7,498**	**16,647**	**48.6**	**12,870.2**	(X)
1st	516.4	3.9	3.6	10.7	73.8	7.5	7,247	20,459	78.5	351.0	R-63.9
2d	515.6	8.6	6.7	7.8	69.9	7.0	7,002	22,216	78.6	351.1	D-63.9
3d	518.1	2.8	2.7	10.3	80.2	3.8	10,949	27,944	79.9	379.1	D-51.8
4th	518.4	3.7	3.0	8.1	78.9	4.0	9,111	26,748	85.8	378.0	R-60.4
5th	513.5	12.3	3.7	12.2	75.1	6.1	9,216	24,135	74.4	383.9	R-58.1
6th	516.8	50.3	9.4	11.9	60.1	14.7	6,275	16,821	55.2	368.9	D-95.9
7th	519.0	11.8	19.7	15.7	67.4	10.6	8,242	17,542	29.8	409.3	D-77.2
8th	512.4	10.0	13.9	15.9	67.5	9.5	8,558	18,173	37.5	399.7	D-89.5
9th	516.1	3.7	16.6	16.9	55.7	12.2	7,206	14,774	28.0	407.4	D-73.2
10th	513.1	5.2	8.8	16.7	63.5	12.3	7,492	15,910	33.9	398.8	D-79.2
11th	518.2	47.1	38.0	7.4	42.1	39.4	3,981	8,297	16.5	332.6	D-83.7
12th	517.0	80.1	10.1	7.3	59.8	27.2	4,858	11,126	16.8	348.5	D-90.5
13th	518.9	7.2	15.9	16.6	51.9	20.7	6,165	12,152	22.6	389.9	D-80.5
14th	515.9	5.1	6.6	12.9	64.1	9.6	7,528	18,851	49.5	379.1	R-58.1
15th	516.4	5.2	14.6	15.2	77.3	14.9	15,687	17,764	10.7	444.4	R-53.6
16th	516.4	48.5	37.9	12.9	46.7	33.4	4,922	8,764	4.0	381.7	D-97.5
17th	516.2	15.8	15.5	15.5	75.7	15.0	11,081	15,490	10.2	442.1	D-85.0
18th	518.1	43.7	51.3	6.8	40.0	43.2	3,567	7,461	5.6	328.3	D-98.9
19th	511.8	13.2	15.9	17.5	58.6	13.9	7,048	15,132	26.3	395.0	D-93.7
20th	521.2	15.5	5.6	13.4	75.2	7.3	11,010	22,481	50.6	392.2	D-56.5
21st	516.8	6.6	3.1	10.3	73.1	7.2	8,129	21,605	68.6	365.1	R-75.2
22d	516.6	6.8	4.1	10.2	74.6	7.3	8,564	22,410	68.5	363.2	R-52.9
23d	516.9	5.2	1.2	14.2	69.8	10.6	7,274	16,219	57.7	390.0	D-76.1
24th	515.8	1.5	.8	12.1	68.5	9.3	6,563	16,792	73.1	364.0	R-73.9
25th	515.0	1.8	.9	13.3	65.9	12.2	5,941	14,503	67.4	373.8	R-55.8
26th	516.2	.7	.7	12.2	63.0	14.3	5,509	13,704	70.5	364.2	R-71.6
27th	516.2	5.9	1.0	10.8	72.3	9.8	7,154	17,498	63.2	372.7	R-53.2
28th	516.8	2.8	1.8	12.3	69.1	11.2	6,576	15,632	66.3	382.6	D-56.3
29th	516.3	4.6	1.5	11.6	67.3	10.2	7,152	17,364	68.3	366.8	R-66.4
30th	516.8	4.9	1.8	10.6	72.9	7.4	8,074	20,635	68.6	371.1	R-66.2
31st	515.0	1.3	.8	10.9	73.0	6.2	7,501	20,090	74.7	368.4	R-75.3
32d	516.4	8.4	1.1	11.8	66.6	9.2	7,075	17,955	67.5	375.2	D-91.4
33d	516.4	19.0	2.1	13.5	56.1	16.1	6,266	13,921	52.5	383.3	D-84.1
34th	517.4	1.5	.8	13.1	66.7	12.1	5,993	14,685	72.7	369.2	D-60.2
North Carolina	**5,881.8**	**22.4**	**1.0**	**10.3**	**54.8**	**14.8**	**6,133**	**14,461**	**68.4**	**4,224.0**	(X)
1st	536.2	35.3	1.0	10.9	51.2	21.2	5,338	12,404	67.6	382.4	D-81.3
2d	536.2	40.1	.9	10.9	51.0	19.3	5,700	13,480	61.0	382.2	D-53.6
3d	535.9	27.3	1.6	9.1	51.8	18.9	5,137	12,244	66.8	379.9	D-63.6
4th	533.6	19.9	.8	8.4	64.8	11.0	7,092	16,603	65.0	395.6	D-51.3
5th	535.2	16.2	.7	10.9	52.0	12.8	6,497	14,980	72.2	388.0	D-60.3
6th	529.6	20.7	.7	10.3	58.0	10.9	7,003	16,033	67.1	386.3	D-53.8
7th	539.1	27.3	2.2	7.5	59.8	19.4	5,434	13,096	64.6	371.8	D-71.0
8th	535.5	20.1	.7	11.7	49.4	12.2	6,019	14,886	75.1	381.3	D-57.4
9th	536.3	23.3	.9	9.0	64.2	10.7	7,434	17,166	64.3	385.8	R-57.0
10th	533.0	10.6	.5	10.0	48.1	11.2	6,073	15,111	72.4	379.9	R-92.7
11th	531.1	5.5	.7	14.3	53.2	15.2	5,746	12,892	75.5	390.8	D-49.9
North Dakota	**652.7**	**.4**	**.6**	**12.3**	**66.4**	**12.6**	**6,417**	**15,293**	**68.7**	**461.7**	**D-71.6**
Ohio	**10,797.6**	**10.0**	**1.1**	**10.8**	**67.0**	**10.3**	**7,285**	**17,754**	**68.4**	**7,703.3**	(X)
1st	515.9	16.3	.6	11.1	64.5	10.8	7,400	17,798	59.7	365.1	D-63.6
2d	514.4	16.2	.6	11.6	64.1	11.2	8,000	17,592	60.7	370.3	R-62.7
3d	513.6	18.3	.7	10.3	67.5	12.0	7,300	16,830	63.0	370.5	D-87.7
4th	514.7	3.4	.8	11.4	68.6	9.3	6,777	17,042	73.9	360.8	R-64.6
5th	514.2	2.0	3.2	10.5	68.4	8.1	6,977	18,416	75.6	358.6	R-55.2
6th	514.9	2.0	.5	10.9	60.8	12.7	6,470	16,005	73.9	359.6	R-59.2
7th	512.7	5.4	.6	10.0	67.2	10.3	6,804	17,301	71.8	361.1	R-56.3
8th	513.4	2.8	.6	10.1	65.2	8.9	7,048	18,403	73.5	360.8	R-66.4
9th	514.1	12.5	2.6	11.4	67.0	11.1	7,571	17,970	67.6	364.6	D-57.9
10th	513.8	2.1	.5	11.2	64.3	12.0	6,220	15,479	74.0	362.2	R-63.3
11th	512.9	2.0	.6	8.4	71.8	6.9	7,537	20,480	76.4	354.9	D-60.9
12th	512.9	15.1	.7	8.3	73.7	9.6	7,459	17,977	62.3	365.4	R-50.5
13th	515.3	5.2	2.8	8.7	68.4	7.7	7,166	20,079	75.0	351.8	D-61.2
14th	514.7	10.9	.5	11.3	69.0	9.5	7,652	18,283	69.6	373.7	D-70.5
15th	514.7	11.0	.7	9.0	71.2	13.6	7,499	16,658	57.4	377.7	R-66.3
16th	513.2	5.0	.8	10.8	65.8	9.1	7,046	18,323	72.6	362.5	R-65.8
17th	515.2	10.7	1.3	11.5	66.7	9.7	7,238	18,351	73.3	372.8	R-55.1
18th	514.0	2.0	.4	13.0	62.3	10.3	6,504	16,267	76.0	367.6	D-100.0
19th	514.9	1.5	.6	13.0	77.7	3.4	9,895	23,170	74.0	387.4	D-58.8
20th	513.5	2.5	3.1	12.9	60.6	9.9	7,457	17,402	63.5	382.6	D-85.6
21st	514.6	62.3	1.0	12.3	61.5	20.4	6,960	14,162	47.9	373.3	D-86.1

See footnotes at end of table.

SELECTED CHARACTERISTICS OF CONGRESSIONAL DISTRICTS OF THE 98TH CONGRESS, 1979 AND 1980, AND ELECTIONS TO HOUSE OF REPRESENTATIVES, 1982—Con.

STATE AND DISTRICT	POPULATION, 1980 (Apr. 1)						MONEY INCOME, 1979		Percent households owner occupied [4] 1980	Voting age population, [4] [5] 1980 (1,000)	Percent of vote cast for winner in House races, [6] 1982
	Total persons (1,000)	Percent									
		Black	Spanish origin [1]	65 years old and over	High school graduates [2]	Below poverty level [3]	Per capita (dol.)	Median household (dol.)			
Oklahoma	**3,025.3**	**6.8**	**1.9**	**12.4**	**66.0**	**13.4**	**6,858**	**14,750**	**70.7**	**2,170.4**	(X)
1st	503.7	9.4	1.6	10.5	72.8	10.5	7,834	16,768	65.7	365.0	D-54.1
2d	505.1	4.5	.9	13.4	58.8	16.0	6,145	13,105	77.0	353.9	D-72.6
3d	504.3	4.4	1.1	15.4	55.9	19.0	5,425	11,238	72.4	365.9	D-82.2
4th	505.9	6.3	3.2	9.4	68.9	12.2	6,496	15,321	69.4	356.7	D-85.0
5th	503.0	6.1	2.0	12.0	75.4	9.4	8,486	17,216	69.2	367.6	R-67.2
6th	503.3	9.8	2.7	13.9	64.1	13.6	6,767	14,648	70.9	361.3	D-75.4
Oregon	**2,633.1**	**1.4**	**2.5**	**11.5**	**75.6**	**10.7**	**7,557**	**16,780**	**65.1**	**1,910.0**	(X)
1st	526.8	.5	2.2	11.3	80.2	8.5	8,821	18,498	61.9	387.4	D-53.8
2d	527.0	.2	3.4	12.2	72.7	12.1	6,890	15,290	69.5	374.1	R-55.6
3d	526.7	5.5	2.0	13.0	75.4	10.6	7,783	16,570	60.2	394.3	D-78.3
4th	526.5	.4	1.9	10.6	73.1	12.1	7,000	16,197	67.0	378.7	D-59.0
5th	526.1	.5	3.0	10.5	76.6	9.7	7,489	17,800	67.6	375.6	R-51.2
Pennsylvania	**11,863.9**	**8.8**	**1.3**	**12.9**	**64.7**	**10.5**	**7,077**	**16,880**	**69.9**	**8,740.6**	(X)
1st	515.1	32.0	9.8	12.7	44.8	28.5	5,132	10,747	56.6	374.0	D-72.3
2d	517.2	80.0	1.2	13.3	55.9	27.7	5,747	11,420	51.6	378.2	D-76.1
3d	516.2	7.6	1.1	15.6	59.5	8.3	6,906	16,973	73.4	391.6	D-50.1
4th	515.6	2.6	.4	12.0	65.2	9.3	6,747	17,579	75.9	375.2	D-60.1
5th	515.5	11.2	1.6	9.8	71.2	7.7	8,150	21,002	68.9	370.6	R-67.2
6th	516.0	1.6	1.9	14.8	57.2	9.0	6,815	16,054	74.5	384.5	D-72.0
7th	515.8	5.9	.6	13.3	72.6	6.7	8,152	19,992	73.7	387.3	D-55.4
8th	516.9	2.4	1.1	8.2	75.3	5.6	8,195	22,124	74.1	364.2	D-50.3
9th	515.4	.9	.4	12.6	60.0	11.0	5,977	15,001	75.4	368.3	R-65.1
10th	515.4	.4	.4	14.6	64.5	11.2	5,968	14,319	71.6	376.3	R-67.5
11th	515.7	.6	.4	16.1	60.5	10.2	5,960	13,942	71.0	388.8	D-53.5
12th	515.9	1.1	.4	12.4	65.2	8.5	6,704	16,981	75.1	374.9	D-61.1
13th	514.3	6.4	.8	14.3	76.3	5.3	10,194	22,112	69.1	392.2	R-64.3
14th	516.8	21.8	.7	16.0	61.6	15.4	6,895	13,783	52.3	405.5	D-74.9
15th	515.3	1.6	2.8	12.8	83.3	7.5	7,606	18,564	71.2	385.8	R-57.8
16th	514.6	2.1	2.2	11.6	61.7	8.0	7,089	18,044	69.6	369.8	R-71.3
17th	515.9	6.6	.9	12.3	66.5	10.0	6,704	16,130	68.6	376.4	R-57.6
18th	516.1	2.3	.5	11.5	78.8	4.0	9,553	22,558	75.8	382.4	D-54.2
19th	516.6	2.3	.8	11.4	65.3	6.5	7,428	18,549	73.1	376.8	R-70.8
20th	516.0	5.5	.5	13.9	66.4	8.2	7,299	17,578	71.1	390.2	D-76.0
21st	516.6	3.7	.5	11.8	68.8	9.9	6,641	16,704	72.9	370.6	R-50.2
22d	515.1	3.5	.5	13.5	60.4	11.0	6,697	16,796	74.0	378.5	D-78.7
23d	516.0	.5	.4	12.2	66.1	11.1	6,212	15,451	72.7	378.3	R-65.2
Rhode Island	**947.2**	**2.9**	**2.1**	**13.4**	**61.1**	**10.3**	**6,897**	**16,097**	**58.8**	**704.3**	(X)
1st	474.4	2.5	2.0	14.1	59.1	10.0	6,983	15,881	54.7	357.1	D-60.7
2d	472.7	3.4	2.2	12.7	63.1	10.6	6,811	16,307	63.0	347.2	R-55.6
South Carolina	**3,121.8**	**30.4**	**1.1**	**9.2**	**53.7**	**16.6**	**5,886**	**14,711**	**70.2**	**2,179.9**	(X)
1st	520.3	32.3	1.7	7.5	63.1	17.5	6,126	15,004	63.9	362.9	R-54.3
2d	522.7	34.6	1.3	8.0	62.4	16.1	6,179	15,488	67.3	372.3	R-58.5
3d	519.3	22.7	.7	10.4	48.6	14.4	5,910	14,761	74.7	366.3	D-90.4
4th	520.5	19.4	.8	10.1	52.7	12.6	6,494	15,537	69.6	373.0	R-63.3
5th	519.7	32.4	.9	9.9	47.3	16.1	5,521	14,492	73.5	357.9	D-67.6
6th	519.3	40.9	1.1	9.3	49.0	23.0	5,086	12,885	71.6	347.5	D-52.5
South Dakota	**690.8**	**.3**	**.6**	**13.2**	**67.9**	**16.9**	**5,697**	**13,156**	**69.3**	**485.2**	**D-51.6**
Tennessee	**4,591.1**	**15.8**	**.7**	**11.3**	**56.2**	**16.5**	**6,213**	**14,142**	**68.6**	**3,292.6**	(X)
1st	512.7	1.9	.5	11.2	51.3	16.4	5,699	13,182	75.2	371.2	R-74.1
2d	510.2	6.7	.6	11.5	58.9	14.8	6,534	14,409	68.2	375.7	R-100.0
3d	516.7	12.4	.7	10.8	59.2	14.3	6,570	15,241	68.7	370.5	D-61.8
4th	510.7	3.7	.7	12.1	44.8	20.1	5,134	11,857	75.5	359.2	D-66.1
5th	514.8	21.6	.8	11.2	65.1	12.4	7,454	16,323	58.5	384.1	D-80.1
6th	511.8	7.3	.7	10.8	54.9	13.6	6,349	15,198	74.9	362.3	D-100.0
7th	503.6	12.0	1.0	9.1	61.5	12.9	6,673	16,375	73.6	351.2	R-50.5
8th	505.0	20.0	.9	12.9	50.6	18.1	5,527	12,708	69.8	358.8	D-74.9
9th	505.6	57.2	.8	11.9	59.0	25.6	5,964	12,305	54.0	359.7	D-72.4
Texas	**14,229.2**	**12.0**	**21.0**	**9.6**	**62.6**	**14.7**	**7,205**	**16,708**	**64.3**	**9,923.1**	(X)
1st	527.0	19.6	1.6	16.2	52.7	16.9	6,006	13,287	75.1	377.0	D-97.5
2d	526.8	15.5	3.2	11.8	53.9	15.3	6,199	15,279	74.7	372.8	D-94.3
3d	526.9	3.3	4.1	7.5	88.0	4.4	12,435	23,187	57.8	394.6	R-77.1
4th	527.0	14.0	2.7	14.2	59.2	12.8	6,846	15,578	72.0	377.9	D-73.8
5th	526.6	19.6	12.2	8.7	61.2	13.7	6,939	16,000	53.2	374.9	D-64.8
6th	527.4	10.8	5.9	12.1	59.9	13.9	6,869	16,206	71.5	375.2	D-94.5
7th	527.1	3.2	7.1	4.7	86.2	4.2	13,022	27,039	62.1	375.5	R-85.0
8th	527.5	16.7	12.5	4.7	65.1	8.5	7,919	22,453	69.6	347.8	R-56.7
9th	526.4	21.4	7.6	9.2	66.7	11.2	7,982	20,044	68.0	370.4	D-67.6

See footnotes at end of table.

SELECTED CHARACTERISTICS OF CONGRESSIONAL DISTRICTS OF THE 98TH CONGRESS, 1979 AND 1980, AND ELECTIONS TO HOUSE OF REPRESENTATIVES, 1982—Con.

STATE AND DISTRICT	POPULATION, 1980 (Apr. 1)						MONEY INCOME, 1979		Percent households owner occupied,[4] 1980	Voting age population,[4 5] 1980 (1,000)	Percent of vote cast for winner in House races,[6] 1982
	Total persons (1,000)	Percent					Per capita (dol.)	Median household (dol.)			
		Black	Spanish origin[1]	65 years old and over	High school graduates[2]	Below poverty level[3]					
Texas—Con.											
10th	527.2	10.4	18.5	8.6	71.0	15.8	7,137	15,096	54.6	390.9	D-90.1
11th	527.4	14.1	9.3	12.4	59.7	16.6	5,867	12,844	63.4	381.0	D-96.3
12th	527.1	17.3	10.4	10.1	61.9	12.1	7,126	16,385	64.0	374.6	D-68.9
13th	526.8	5.1	8.9	12.6	62.5	12.5	7,215	15,731	70.0	376.9	D-63.6
14th	526.9	11.5	20.1	13.4	52.0	15.6	6,485	15,686	72.0	368.6	D-60.7
15th	527.2	.5	71.7	10.0	42.0	30.7	4,514	11,949	72.2	329.0	D-95.7
16th	527.4	3.6	60.2	6.8	58.7	21.4	5,324	14,010	60.7	341.6	D-53.9
17th	526.9	3.2	11.2	15.7	54.0	14.3	6,589	13,919	72.7	380.5	D-97.1
18th	527.4	40.8	31.2	9.6	47.5	22.0	5,844	13,194	42.8	366.4	D-82.6
19th	527.8	5.4	25.0	8.7	59.1	16.1	6,678	15,811	65.3	360.9	D-81.6
20th	526.4	8.8	61.7	10.5	51.2	24.8	4,731	11,862	57.5	358.8	D-91.5
21st	527.0	2.9	22.2	12.2	67.9	12.3	8,184	16,893	69.5	377.6	R-74.6
22d	526.6	9.6	13.6	5.6	77.5	7.4	9,590	21,702	53.2	381.5	R-98.6
23d	526.5	4.1	53.1	6.9	58.9	21.2	5,419	15,283	69.0	336.4	D-55.3
24th	526.7	32.2	13.4	7.0	62.9	14.0	6,524	16,406	55.4	357.2	D-72.9
25th	526.8	25.0	13.7	6.0	71.2	9.4	8,498	20,924	58.4	366.2	D-60.4
26th	527.3	3.1	3.9	6.1	81.1	5.2	9,041	23,291	72.4	367.4	D-50.1
27th	527.0	2.7	61.5	8.8	52.2	23.8	5,554	14,251	62.2	341.5	D-64.0
Utah	**1,461.0**	**.6**	**4.1**	**7.5**	**80.0**	**10.3**	**6,305**	**17,671**	**70.7**	**920.9**	(x)
1st	487.8	1.0	4.0	7.8	80.7	9.5	6,039	17,535	74.2	303.4	R-62.8
2d	487.5	.7	4.9	8.9	80.4	9.3	7,348	17,767	64.2	325.9	R-53.8
3d	485.7	.2	3.5	5.7	78.9	12.1	5,527	17,719	74.9	291.7	R-76.9
Vermont	**511.5**	**.2**	**.6**	**11.4**	**71.0**	**12.1**	**6,178**	**14,790**	**68.7**	**366.1**	**R-69.2**
Virginia	**5,346.8**	**18.9**	**1.5**	**9.5**	**62.4**	**11.8**	**7,478**	**17,475**	**65.6**	**3,872.5**	(x)
1st	535.1	31.3	1.3	10.0	60.3	13.4	6,597	15,852	66.2	384.3	R-53.9
2d	529.2	22.7	2.1	6.9	71.0	14.5	6,901	16,117	53.9	383.0	R-99.9
3d	533.7	28.3	.9	10.3	65.4	11.1	7,941	18,219	60.5	394.8	R-59.2
4th	535.7	39.7	1.1	9.9	51.6	15.7	6,095	15,766	67.3	377.1	D-54.4
5th	531.3	24.7	.7	12.0	44.1	14.3	5,740	14,142	76.0	382.3	D-100.0
6th	538.4	10.8	.6	12.6	56.7	11.5	6,728	15,548	69.5	401.4	D-49.7
7th	535.1	12.2	.8	9.9	58.1	11.5	6,976	17,071	69.6	383.9	R-59.9
8th	534.4	10.1	2.9	4.4	85.5	5.1	10,395	26,545	63.2	376.1	R-49.7
9th	538.9	2.4	.6	10.9	43.7	16.2	5,521	13,275	75.1	388.3	D-50.4
10th	535.1	6.6	4.0	7.5	86.8	5.4	11,891	26,098	55.4	401.3	R-52.7
Washington	**4,132.2**	**2.6**	**2.9**	**10.4**	**77.6**	**9.8**	**8,073**	**18,367**	**65.6**	**2,992.8**	(x)
1st	518.8	.8	1.6	9.8	83.8	6.1	9,728	22,357	71.1	380.0	R-67.6
2d	518.8	.5	1.9	11.4	75.6	10.1	7,453	17,483	71.7	370.2	D-59.6
3d	516.5	.6	1.6	10.5	74.3	10.0	7,494	17,947	68.3	359.8	D-60.1
4th	512.0	.9	8.7	10.6	69.8	12.8	7,119	16,660	66.9	356.4	R-69.8
5th	519.0	1.1	2.3	11.6	77.4	12.4	6,938	15,668	66.7	375.2	D-64.3
6th	516.0	6.1	2.8	10.1	76.4	11.0	7,346	16,645	61.2	374.5	D-62.5
7th	514.0	9.4	2.7	13.6	77.7	11.2	8,814	16,379	49.8	415.6	D-70.9
8th	517.2	1.0	1.7	6.1	85.3	5.5	9,686	24,468	72.8	361.2	R-57.0
West Virginia	**1,949.6**	**3.3**	**.7**	**12.2**	**56.0**	**15.0**	**6,141**	**14,564**	**73.6**	**1,390.0**	(x)
1st	488.6	1.6	.7	13.3	61.8	12.2	6,556	15,652	73.7	353.3	D-53.2
2d	487.4	3.1	.7	12.4	53.7	17.0	5,611	12,965	74.2	350.2	D-64.0
3d	486.1	3.0	.5	11.8	57.3	14.1	6,464	15,597	73.2	347.1	D-57.9
4th	487.5	5.6	.7	11.3	50.8	16.7	5,936	14,125	73.2	339.4	D-80.5
Wisconsin	**4,705.8**	**3.9**	**1.3**	**12.0**	**69.6**	**8.7**	**7,243**	**17,680**	**68.2**	**3,347.9**	(x)
1st	522.8	4.2	2.5	10.9	68.4	7.3	7,584	19,671	69.8	366.9	D-61.0
2d	523.0	1.2	.8	10.7	76.9	9.4	7,493	17,291	62.6	383.1	D-60.6
3d	522.9	.2	.3	13.2	67.9	11.8	6,156	14,873	72.7	374.3	R-56.6
4th	522.9	.3	4.0	11.0	69.5	5.7	8,074	20,366	61.5	381.8	D-94.6
5th	522.9	28.3	2.2	12.8	68.3	13.9	7,487	16,520	47.9	381.2	D-63.5
6th	522.5	.2	.6	13.4	66.8	7.3	6,772	17,030	74.9	370.5	R-65.0
7th	522.6	.1	.3	13.5	64.7	10.5	6,109	14,924	76.0	366.7	D-68.0
8th	*523.2*	.1	.4	*12.3*	*68.7*	*8.3*	*6,634*	*16,705*	*75.0*	*362.6*	*R-57.2*
9th	523.0	.4	.8	10.1	75.3	4.1	8,880	22,773	76.8	360.9	R-99.9
Wyoming	**469.6**	**.7**	**5.2**	**7.9**	**77.9**	**7.9**	**7,927**	**19,994**	**69.2**	**324.0**	**R-71.1**

X Not applicable. [1] Persons of Spanish origin may be of any race. [2] Persons 25 years old and over. [3] Persons whose income in 1979 was below poverty level. Percent based on number of persons for whom poverty status is determined. For explanation of poverty level, *see* text, p. 417. [4] As of April 1. [5] Persons 18 years old and over. [6] D=Democratic. R=Republican. Source: Elections Research Center, Washington, D.C., *America Votes*, biennial. (Copyright). [7] Race was won by Republican write-in candidate with 36.8 percent of the vote against the Republican and Democratic nominees. [8] District of Columbia is represented by a *nonvoting delegate*. [9] State law does not require tabulation of votes for unopposed candidates. [10] La. holds an open-primary election with candidates from all parties running on the same ballot. Since all candidates in the 1982 primary either were unopposed or received a majority in the primary, there were no candidates names on the general election ballot and no votes were canvassed.

Source: Except as noted, U.S. Bureau of the Census, *1980 Census of Population and Housing, Volume 4, Congressional Districts of the 98th Congress*, parts 2-52.

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