

STATISTICAL ABSTRACT of the United States

1981

102d Edition



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Preface

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

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 Data not available in publications issued by the contributing agency but obtained from unpublished records are identified in the source notes as "unpublished data."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

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

Changes in the 1981 edition.—This year, *Recent Trends*, a section in the Abstract since the 1969 edition, is presented once again after being omitted from the 1980 edition to undergo a major redesign. The selection of data items in the section has been condensed to highlight summary measures of major social and economic trends over the past two decades. In addition, for the first time, extensive chart work has been introduced.

A new appendix, beginning on page 989, has also been developed. This appendix identifies tables in the Abstract for which comparable or more detailed State data appear in the forthcoming supplement *State and Metropolitan Area Data Book, 1982*. This appendix will be updated for future editions of the supplement.

Statistics in this edition are for the most recent year or period available by early November 1981. The results of the 1980 decennial census that were available are featured in sections 1 and 28. Each year more than 1,600 tables and charts are reviewed and evaluated; new tables and charts of current interest are added, continuing series are updated, and less timely data are condensed or eliminated. Text notes and appendixes are revised as appropriate.

In all, there are 101 new tables, distributed among 25 of the 33 sections. In addition, graphic charts have been revised or updated and many sections have undergone tabular rearrangement and format changes designed to improve the organization of subject matter. Of the tables included in the 1980 edition, 132 were omitted from this issue. The omissions represent primarily tables for which comparable details appear in other tables or for which no recent data are available, or tables for which the recent data are available, or tables for which the subject matter shown was considered relatively less important in the light of the space required for presentation.

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

Spanish origin population, p. 26	Participation of young adults in crime, p. 188
Households, by type, race, and residence, p. 46	Utilization of correction facilities, p. 190
Suicides, by method used, p. 79	Home gardening, p. 232
Cuban entrants, p. 90	Financial support of the arts by private business, p. 235
Persons following selected health practices, p. 124	Characteristics of non-profit museums, p. 237
Public school enrollment by English speaking ability, p. 140	Characteristics of women receiving child support and alimony, p. 347
Public school students in special education programs, p. 141	Money income of households, by race and Spanish origin of householder, p. 433

Government and economic activities are reflected in new tables on:

Pollution abatement and control expenditures, p. 203	pendents, p. 365
Off-budget Federal entities, p. 250	Employee benefits in private industry, p. 410
Households receiving public noncash benefits, by type of benefit and income level, p. 325	Financial items and ratios of conditions of savings and loan associations, p. 514
Pensions and group health insurance coverage of civilian workers, p. 334	Assets and liabilities of finance companies, p. 516
Characteristics of persons covered by medicare and medicaid, p. 334	Residential energy consumption, p. 581
Finances of private foundations, p. 351	Foreign ownership of U.S. agriculture land, p. 668
Active duty military personnel and their de-	Oil and gas field operations, p. 724
	Characteristics of recent home buyers, p. 771
	U.S. businesses acquired or established by foreign direct investors, p. 835

Historical statistics.—Specific headnote references in this *Abstract* link many tables to earlier data shown in *Historical Statistics of the United States, Colonial Times to 1970*, (See Appendix I, pp. 913-915.)

Statistical reliability and responsibility.—The contents of this volume were taken from many sources. All data from either censuses and surveys or from administrative records are subject to error arising from a number of factors: Sampling variability (for statistics based on samples), reporting errors in the data for individual units, incomplete coverage, nonresponse, imputations, and processing error. (See also Appendix III, pp. 927-945.) The Bureau of the Census cannot accept the responsibility for the accuracy or limitations of the data presented here, other than for those which it collects. The responsibility for selection of the material and for proper presentation, however, rests with the Bureau.

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

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

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Customary and Metric Weights and Measures

APPROXIMATE CONVERSIONS

[For information regarding conversion, call or write the Metric Information Office, National Bureau of Standards, Washington, D.C. 20234 (301-921-2401)]

Customary		Metric		Metric		Customary	
Inches (in)	×	25.4	= millimeters	Millimeters (mm)	×	.04	= inch
Feet (ft)	×	.3	= meter	Meters (m)	×	3.3	= feet
Yards (yd)	×	.9	= meter	Meters (m)	×	1.1	= yards
Miles (mi)	×	1.6	= kilometers	Kilometers (km)	×	.6	= mile
Square inches (in ²)	×	6.5	= sq centimeters	Sq centimeters (cm ²)	×	.2	= sq inch
Square feet (ft ²)	×	.1	= sq meter	Square meters (m ²)	×	10.8	= sq feet
Square yards (yd ²)	×	.8	= sq meter	Square meters (m ²)	×	1.2	= sq yards
Acres	×	.4	= hectare	Hectares (ha)	×	2.5	= acres
Cubic feet (ft ³)	×	.03	= cu meter	Cu meters (m ³)	×	35.3	= cu feet
Cord (cd)	×	3.6	= cu meter	Liters (l)	×	1.1	= quarts (lq)
Quarts (lq) (qt)	×	.9	= liter	Cu meters (m ³)	×	284.2	= gallons
Gallons (gal)	×	.004	= cu meters	Grams (g)	×	.04	= ounce (avdp)
Ounces (avdp) (oz)	×	28.4	= grams	Kilograms (kg)	×	2.2	= pounds (advp)
Pounds (avdp) (lb)	×	.5	= kilogram	Kilowatts (kW)	×	1.3	= horsepower
Horsepower (hp)	×	.7	= kilowatt	Degrees Celsius	×	9/5 + 32	= degrees Fahrenheit
Degrees Fahrenheit (-32)	×	5/9	= degrees Celsius				

UNITS OF LENGTH AND AREA

Customary		Metric		Metric		Customary	
Inch (in)	=	12 in	= 25.4 millimeters	Millimeter (mm)	=	.001 meter	= .039 inch
Foot (ft)	=	36 in or 3 ft	= .305 meter	Centimeter (cm)	=	.01 meter	= .394 inch
Yard (yd)	=	5,280 ft	= .914 meter	Decimeter (dm)	=	.1 meter	= 3.937 inches
Mile (mi)	=		= 1,609 kilometers	Meter (m)	=		= 3.281 feet
In ² (sq in)	=	144 sq in	= 6.452 cm ²	Kilometer (km)	=	1,000 meters	= .621 mile
Ft ² (sq ft)	=	1,296 sq in or 9 sq ft	= .093 m ²	Sq millimeter (mm ²)	=	.000001 m ²	= .002 sq in
Yd ² (sq yd)	=		= .836 m ²	Sq centimeter (cm ²)	=	.0001 m ²	= .155 sq in
Acres	=	43,560 sq ft	= .405 ha	Sq decimeter (dm ²)	=	.01 m ²	= 15.5 sq in
Mile ² (sq mi)	=	640 acres	= 2.59 km ²	Sq meter (m ²)	=	10,000 m ²	= 10,764 sq ft
				Hectare (ha)	=	1,000,000 m ²	= 2,471 acres
				Sq kilometer (km ²)	=	1,000,000 m ²	= .386 sq mi

UNITS OF WEIGHT (OR MASS)

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

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

UNITS OF CAPACITY

Customary		Metric		Customary		Metric	
Liquid				Dry			
Fluid ounce (fl oz)		=	29.573 ml	Pint (pt)		=	.551 dm ³
Pint (pt)	= 16 fl oz	=	.473 liter	Quart (qt)	=	2 pints	= 1.101 dm ³
Quart (qt)	= 32 fl oz or 2 pt	=	.946 liter	Peck (pk)	=	8 quarts	= 8.810 dm ³
Gallon (gal)	= 8 pt or 4 qt	=	3.785 liters	Bushel (bu)	=	32 quarts	= 35.238 dm ³
Metric		Customary					
Milliliter (ml)	= .001 liter	=	.034 fl oz (liquid)	=	.002 pt (dry)		
Liter (l)		=	1.057 qt (liquid)	=	.908 qt (dry)		
Hectoliter (hl)	= 100 liters	=	26.418 gal (liquid)	=	2.838 qt (dry)		

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

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

Example of table structure:

Table Number and Title		No. 54. MARITAL STATUS OF POPULATION, 15 YEARS OLD AND OVER, BY HOUSEHOLDER STATUS, SEX AND AGE: 1980																Headnote			
Unit indicator		[In thousands, except percent. As of March. Based on Current Population Survey: see text p. 1 and Appendix III]																			
Footnote indicator	Parallel rule	ITEM	Total	MALE					FEMALE					Spanner							
				Total	20-24 years	25-44 years	45-64 years	65 yr. and over	Total	20-24 years	25-44 years	45-64 years	65 yr. and over	Column heads							
		Total persons.....	168,198	80,218	9,801	29,643	20,832	9,783	87,980	30,980	22,704	13,960									
		Householder ²	79,108	56,849	3,986	24,821	18,820	8,846	22,259	1,756	6,984	8,937	7,301								
		Single.....	9,359	4,817	1,341	2,279	663	327	4,543	1,184	1,984	621	573								
		Married, spouse present.....	48,180	46,549	2,495	20,417	16,448	7,029	1,631	158	722	515	219								
		Widowed.....	10,462	1,550	2	49	413	1,085	8,912	19	381	2,581	5,926								
		Divorced.....	7,421	2,638	74	1,433	876	252	4,783	201	2,614	1,575	384								
		Not householder ²	89,090	23,369	5,815	4,622	2,012	935	65,721	5,488	20,976	16,767	6,859								
		Single.....	33,877	18,696	2,271	2,863	601	173	15,181	3,964	1,550	435	267								
		Married, spouse present.....	49,351	2,217	236	900	662	360	47,134	4,148	21,520	15,537	5,002								
		Widowed or divorced.....	4,279	1,659	80	701	518	358	2,620	173	600	555	1,280								
		PERCENT DISTRIBUTION																			
		Total persons.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0								
		Householder ²	47.0	70.9	40.7	83.7	90.5	90.4	25.3	17.2	22.6	26.1	62.3								
		Single.....	5.6	6.0	13.7	7.7	3.2	3.3	5.2	11.6	6.2	2.7	4.1								
		Married, spouse present.....	28.6	58.0	25.5	68.9	79.0	71.8	1.9	1.5	2.3	2.3	1.6								
		Widowed.....	6.2	1.9	—	2.0	2.0	11.1	10.1	2	1.2	11.4	42.4								
		Divorced.....	4.4	3.3	—	4.8	4.2	2.6	5.4	2.0	8.4	6.9	2.8								
		Not householder ²	53.0	29.1	59.3	16.3	9.7	9.6	74.7	82.8	77.4	73.9	47.7								
		Single.....	20.1	23.3	54.9	9.7	2.9	1.8	17.3	38.7	5.0	1.9	1.8								
		Married, spouse present.....	29.3	2.8	2.4	3.0	3.2	3.7	53.6	40.5	60.5	68.9	36.5								
		Widowed or divorced.....	2.5	2.1	8	2.4	2.5	3.7	3.0	1.7	1.9	2.4	9.2								
Footnotes		¹ Represents zero or rounds to zero. ² Includes 15-19 year-olds. ³ Includes other marital status not shown separately. Source of tables 52-54: U.S. Bureau of the Census, <i>Current Population Reports</i> , series P-20, No. 335 and earlier reports.																Heavy rule			

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

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

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

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

- (1) that the components which follow add to the total (e.g., tables 1, 5, 29, etc.);
- (2) in the case of derived figures, that the underlying data are additive to their total (e.g., table 27 for ratios, table 48 for percentages, table 89 for medians, and table 86 for rates).

Heavy vertical rules are used—

- (1) in tables where the stub is continued into one or more additional columns across the table to separate each segment of stub and its accompanying data columns from the continued segments (e.g., tables 2, 13, 44, etc.);
- (2) to set off independent sections of a table (e.g., tables 1, 3, 6, etc.).

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

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

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

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

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

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

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

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

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

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

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



Section 1

Population

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

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

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

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

The data shown in this edition from the 1980 census are complete count data and are consistent with figures published in the 1980 census *Advance Reports*, series PHC80-V and the 1980 census *Supplementary Reports*, series PC80-S1. However, it is possible that questions being researched concerning census counts may result in corrections before the standard series of census reports are published. Any such corrections are expected to have only minimal impact on the data.

Reassessment of the evaluation studies of the 1970 census indicates a total net underenumeration of about 4.7 million persons, compared with 5.1 million in 1960. Among the persons who were not counted in 1970, about 2.9 million were White and about 1.9 million were Black. The overall rate of net underenumeration in 1970 was about 2.2 percent, compared with 2.7 percent in 1960 and 3.3 percent in 1950. Comparable estimates of net underenumeration for 1980 have not been completely developed. However, preliminary results indicate that overall coverage probably improved in the 1980 census and that the number of Blacks not counted dropped to about 1.3 to 1.5 million. Census data presented here have not been adjusted for underenumeration. See *Estimates of Coverage of Population by Sex, Race, and Age: Demographic Analysis*, PHC(E)-4, February 1974 for a discussion of the 1950, 1960, and original 1970 estimates and *Coverage of the National Population by Age, Sex, and Race in the 1980 Census: Preliminary Estimates by Demographic Analysis* (forthcoming) for the revised 1970 and preliminary 1980 coverage estimates.

In an attempt to estimate the extent of underenumeration in the 1970 census for areas within the United States, such as States, the Bureau has developed several alternative sets of estimates for each State. These estimates suggest variations in the extent of coverage by a number of factors (e.g., race). While the State data presented here are not adjusted for underenumeration, details concerning the Bureau's estimates for 1970 may be found in *Developmental Estimates of the Cover-*

age of the Population of the United States in the 1970 Census: Demographic Analysis, series P-23, No. 65. Estimates of the extent of underenumeration in the 1980 census for States are not yet available.

Current Population Survey (CPS).—This is a monthly nationwide survey of a scientifically selected sample representing, in most cases, the noninstitutional civilian population 14 years old and over. The sample is drawn from about 600 areas comprising approximately 1,100 counties and independent cities with coverage in every State and the District of Columbia and is subject to sampling error. At the present time (1981), about 71,000 housing units or other living quarters are designated for the sample at any time, of which about 58,000 are occupied by households eligible for interview; of these, in turn, about 4 to 5 percent are, for various reasons, unavailable for interview.

While the primary purpose of CPS is to obtain monthly statistics on the labor force, it also serves as a vehicle for inquiries on other subjects. Using CPS data, the Bureau issues a series of publications under the general title of Current Population Reports, which cover population characteristics (series P-20), consumer income (series P-60), special studies (series P-23), and other topics. Estimates of population characteristics based on the 1980 Current Population Survey will not agree with the counts from the 1980 census. The CPS estimates for 1980 shown in this edition are based on population controls from the 1970 census which have been updated for changes in the population since that time. In addition, the CPS and the 1980 census used different procedures for collecting and processing the data for racial groups and the Spanish origin population.

Population estimates and projections.—National population estimates are derived by use of decennial census data as benchmarks and of data available from various agencies as follows: Births and deaths (National Center for Health Statistics); immigrants (Immigration and Naturalization Service); Armed Forces (Department of Defense); net movement between Puerto Rico and the U.S. mainland (Puerto Rico Planning Board); and Federal employees abroad (Office of Personnel Management and Department of Defense). State estimates are based on similar data and also on a variety of data series, including school statistics from State departments of education and parochial school systems.

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

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

Standard Metropolitan Statistical Areas (SMSA) and Standard Consolidated Statistical Areas (SCSA).—The general concept of an SMSA is one of an integrated economic and social unit with a large population nucleus; SCSA's are large metropolitan complexes consisting of groups of adjacent SMSA's. SMSA's and SCSA's are defined by the Office of Management and Budget (OMB). According to the rules for defining SMSA's, the entire territory of the United States is classified as metropolitan (inside SMSA's), or nonmetropolitan (outside SMSA's). SMSA's and SCSA's are defined in terms of entire counties except in New England, where the definitions are in terms of cities and towns. To summarize data for New England that are available only by counties, New England County Metropolitan Areas (NECMA's) have been developed as a convenience for data users. Periodically, new SMSA's may be created and the boundaries of others may change. As a result, data for SMSA's over time may not be comparable and the analysis of historical trends must be made cautiously. For descriptive details, tables showing changes in SMSA definitions, and a listing of area titles and components of each SMSA, SCSA, and NECMA, see Appendix II.

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

In censuses prior to 1950, the urban population comprised all persons living in incorporated places of 2,500 or more inhabitants and areas (usually minor civil divisions) classified as urban under special rules relating to population size and density. To improve its measure of the urban population, the Bureau of the Census in 1950 adopted the concept of the urbanized area and delineated boundaries for unincorporated places. The 1950 definition has continued substantially un-

changed, except for minor modifications in 1960, the introduction of the extended city concept in 1970, and changes in the criteria for defining central cities in 1980 so as to permit urbanized areas to be defined for smaller centers. In all definitions, the population not classified as urban constitutes the rural population.

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

Race and ancestry.—The 1980 census counts of the population by race and ethnic origin based on 100 percent tabulations, including the data shown in this edition, are provisional; that is, the counts are not final. Final data on race will be determined after sample data have been processed. The sample data will first appear in *Characteristics of the Population, General Social and Economic Characteristics*, PC80-1-C reports.

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

The 1980 population totals for "White" and "Other" are not comparable with corresponding figures from the 1970 census and previous censuses. The lack of comparability is due to changes in the way some respondents reported their race as well as changes in 1980 census procedures related to the racial classification. (For a fuller explanation, see the 1980 Census of Population *Supplementary Reports*, PC80-S1-3, *Race of the Population by States: 1980*.)

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

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

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

In the November 1979 Current Population Survey, information on ancestry (ethnicity) was collected through personal interview. The ancestry question was open-ended (that is, no prelisted categories were provided) and was worded, "What is this person's ancestry?" In both the 1980 census and CPS, ancestry can be viewed as the nationality group, lineage, or country in which the person's parents or ancestors were born before their arrival in the United States. For comments on comparability of 1980 CPS and census data, see section above on Current Population Survey.

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

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

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

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

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

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

Subfamily.—Subfamilies are divided into “related” and “unrelated” subfamilies. A related subfamily consists of a married couple and their children, if any, or one parent with one or more unmarried children under 18 years old living in a household and related to the person or couple who maintains the household. Members of a related subfamily are also members of the family with whom they live. The number of related subfamilies, therefore, is not included in the number of families. An unrelated subfamily comprises two or more persons such as guests, lodgers, or resident employees and their relatives living in a household and related to each other but not to the person or couple who maintains the household.

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

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

Average annual change.—In this section, average annual percent change is computed by the exponential or continuous-compounding method; see Guide to Tabular Presentation.

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

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

NO. 1. POPULATION AND AREA: 1790 TO 1980

[Area figures represent area on indicated date including in some cases considerable areas not then organized or settled, and not covered by the census. Area figures have been adjusted to bring them into agreement with remeasurements made in 1940. For additional area data, see tables 6 and 343]

CENSUS DATE	RESIDENT POPULATION				AREA (square miles)		
	Number	Per square mile of land area	Increase over preceding census		Gross	Land	Water
			Number	Percent			
CONTERMINOUS U.S. ¹							
1790 (Aug. 2)	3,929,214	4.5	(x)	(x)	888,811	864,746	24,065
1800 (Aug. 4)	5,308,483	6.1	1,379,269	35.1	888,811	864,746	24,065
1810 (Aug. 6)	7,239,881	4.3	1,931,398	36.4	1,716,003	1,681,828	34,175
1820 (Aug. 7)	9,638,453	5.5	2,398,572	33.1	1,788,006	1,749,462	38,544
1830 (June 1)	12,866,020	7.4	3,227,567	33.5	1,788,006	1,749,462	38,544
1840 (June 1)	17,069,453	9.8	4,203,433	32.7	1,788,006	1,749,462	38,544
1850 (June 1)	23,191,876	7.9	6,122,423	35.9	2,992,747	2,940,042	52,705
1860 (June 1)	31,443,321	10.6	8,251,445	35.6	3,022,387	2,969,640	52,747
1870 (June 1)	² 39,818,449	² 13.4	8,375,128	26.6	3,022,387	2,969,640	52,747
1880 (June 1)	50,155,783	16.9	10,337,334	26.0	3,022,387	2,969,640	52,747
1890 (June 1)	62,947,714	21.2	12,791,931	25.5	3,022,387	2,969,640	52,747
1900 (June 1)	75,994,575	25.6	13,046,861	20.7	3,022,387	2,969,634	52,553
1910 (Apr. 15)	91,972,266	31.0	15,977,691	21.0	3,022,387	2,969,565	52,822
1920 (Jan. 1)	105,710,620	35.6	13,738,354	14.9	3,022,387	2,969,451	52,936
1930 (Apr. 1)	122,775,046	41.2	17,064,426	16.1	3,022,387	2,977,128	45,259
1940 (Apr. 1)	131,669,275	44.2	8,894,229	7.2	3,022,387	2,977,128	45,259
1950 (Apr. 1)	150,697,361	50.7	19,028,086	14.5	3,022,387	2,974,726	47,661
1960 (Apr. 1)	178,464,236	60.1	27,766,875	18.4	3,022,261	2,968,054	54,207
UNITED STATES							
1950 (Apr. 1)	151,325,798	42.6	19,161,229	14.5	3,615,211	3,552,206	63,005
1960 (Apr. 1)	179,323,175	50.6	27,997,377	18.5	3,615,123	3,540,911	74,212
1970 (Apr. 1)	³ 203,302,031	³ 57.4	23,978,856	13.4	³ 3,618,467	³ 3,540,023	³ 78,444
1980 (Apr. 1)	226,504,825	64.0	23,202,794	11.4	3,618,770	3,539,289	79,481

X Not applicable. ¹ Excludes Alaska and Hawaii. ² Revised to include adjustments for underenumeration in Southern States; unrevised number is 38,558,371 (13.0 per square mile). ³ Figures corrected after 1970 final reports were issued.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1920 to 1970*, vol. 1; *1980 Census of Population, Supplementary Reports*, series PC80-S1-1, and other reports and unpublished data. See also *Areas of the United States, 1970*, and *Area Measurement Reports*, series GE-20, No. 1.

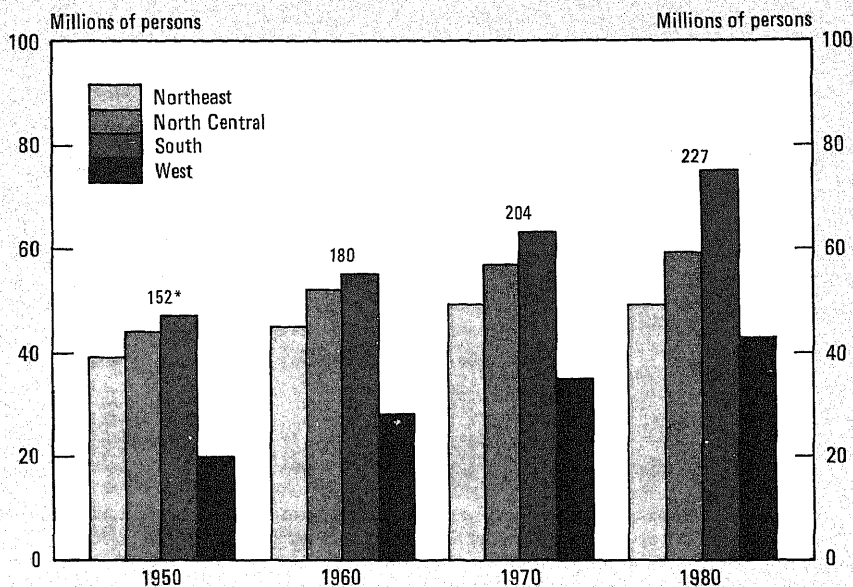
NO. 2. POPULATION: 1900 TO 1981

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

YEAR	Resident population	YEAR	Resident population	YEAR	TOTAL		Resident population	Civilian population	YEAR	TOTAL		Resident population	Civilian population
					Population	Percent change				Population	Percent change		
1900	76.1	1920	106.5	1940	132.6	1.3	132.5	132.1	1961	183.7	1.7	183.0	181.1
1901	77.6	1921	108.5	1941	133.9	1.0	133.7	132.1	1962	186.6	1.5	185.8	183.7
1902	79.2	1922	110.1	1942	135.4	1.1	134.6	131.4	1963	189.2	1.4	188.5	186.5
1903	80.6	1923	112.0	1943	137.3	1.4	135.1	128.0	1964	191.9	1.4	191.1	189.1
1904	82.2	1924	114.1	1944	138.9	1.2	133.9	127.2	1965	194.3	1.3	193.5	191.6
1905	83.8	1925	115.8	1945	140.5	1.1	133.4	128.1	1966	196.6	1.2	195.6	193.4
1906	85.4	1926	117.4	1946	141.9	1.0	140.7	138.9	1967	198.7	1.1	197.5	195.3
1907	87.0	1927	119.0	1947	144.7	1.9	144.1	143.1	1968	200.7	1.0	199.4	197.1
1908	88.7	1928	120.5	1948	147.2	1.7	146.7	145.7	1969	202.7	1.0	201.4	199.1
1909	90.5	1929	121.8	1949	149.8	1.7	149.3	148.2	1970	205.1	1.2	204.0	201.9
1910	92.4	1930	123.1	1950	152.3	1.7	151.9	150.8	1971	207.7	1.3	206.8	204.9
1911	93.9	1931	124.1	1951	154.9	1.7	154.0	151.6	1972	209.9	1.1	209.3	207.5
1912	95.3	1932	124.8	1952	157.6	1.7	156.4	153.9	1973	211.9	1.0	211.4	209.6
1913	97.2	1933	125.6	1953	160.2	1.7	159.0	156.6	1974	213.9	.9	213.3	211.6
1914	99.1	1934	126.4	1954	163.0	1.8	161.9	159.7	1975	216.0	1.0	215.5	213.8
1915	100.5	1935	127.3	1955	165.9	1.8	165.1	163.0	1976	218.0	1.0	217.6	215.9
1916	102.0	1936	128.1	1956	168.9	1.8	168.1	166.1	1977	220.2	1.0	219.8	218.1
1917	103.3	1937	128.8	1957	172.0	1.8	171.2	169.1	1978	222.6	1.1	222.1	220.5
1918	103.2	1938	129.8	1958	174.9	1.7	174.1	172.2	1979	225.1	1.1	224.6	223.0
1919	104.5	1939	130.9	1959	177.8	1.7	177.1	175.3	1980	227.1	1.2	227.2	225.6
				1960	180.7	1.6	180.0	178.1	1981	229.8	.9	229.3	227.6

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 802 and 903.

Figure 1.1
Resident Population, by Region: 1950 to 1980



*Total resident population in millions.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 11.

NO. 3. ESTIMATED COMPONENTS OF POPULATION CHANGE: 1930 to 1980

[For 1930 and 1935, excludes Alaska, Hawaii, and Armed Forces abroad. Minus sign (—) denotes net outmigration. For explanation of annual average percent change, see Guide to Tabular Presentation]

YEAR OR PERIOD	TOTAL (Jan. 1-Dec. 31)						RATE PER 1,000 MIDYEAR POPULATION				
	Population at start of period (1,000)	Net increase ¹		Natural increase		Net civilian immigration (1,000)	Net growth rate ¹	Natural increase			Net civilian immigration rate
		Total (1,000)	Per-cent ²	Births ³ (1,000)	Deaths ⁴ (1,000)			Total	Birth rate ³	Death rate ⁴	
1930.....	122,487	1,128	.9	2,618	1,419	113	9.2	9.7	21.3	11.5	.9
1935.....	126,874	853	.7	2,377	1,421	-2	6.7	7.5	18.7	11.2	(-2)
1940.....	132,054	1,221	.9	2,570	1,432	77	9.2	8.6	19.4	10.8	.6
1945.....	139,767	1,462	1.1	2,873	1,549	162	10.4	9.4	20.5	11.0	1.2
1950.....	151,135	2,486	1.7	3,645	1,468	299	16.3	14.3	23.9	9.6	2.0
1955.....	164,588	2,925	1.8	4,128	1,537	337	17.6	15.6	24.9	9.3	2.0
1960.....	179,386	2,901	1.6	4,307	1,708	327	16.1	14.4	23.8	9.5	1.8
1965.....	193,223	2,315	1.2	3,801	1,830	373	11.9	10.1	19.6	9.4	1.9
1970.....	203,849	2,617	1.3	3,739	1,927	438	12.8	8.8	18.2	9.4	2.1
1975.....	214,931	2,165	1.0	3,144	1,894	449	10.0	5.8	14.6	8.8	2.1
1976.....	217,095	2,084	1.0	3,168	1,910	353	9.6	5.6	14.5	8.8	1.6
1977.....	219,179	2,298	1.0	3,327	1,900	394	10.4	6.5	15.1	8.6	1.8
1978.....	221,477	2,403	1.1	3,328	1,925	427	10.8	6.3	15.0	8.7	2.3
1979.....	223,880	2,564	1.1	3,468	1,908	460	11.4	6.9	15.4	8.5	2.2
1980, est.....	226,444	2,386	1.1	3,589	1,984	654	10.5	7.0	15.8	8.7	2.9
ANNUAL AVERAGES											
1930-1934.....	122,487	877	.7	2,453	1,398	-1	7.0	8.5	19.7	11.2	(-2)
1935-1939.....	126,874	915	.7	2,421	1,447	29	7.1	7.5	18.8	11.2	.2
1940-1944.....	132,054	1,543	1.1	2,872	1,468	114	11.4	10.4	21.2	10.8	.8
1945-1949.....	139,767	2,274	1.6	3,491	1,464	231	15.7	14.0	24.1	10.1	1.6
1950-1954.....	151,135	2,690	1.7	3,902	1,500	285	17.1	15.2	24.8	9.5	1.8
1955-1959.....	164,588	2,960	1.7	4,259	1,614	316	17.2	15.4	24.8	9.4	1.8
1960-1964.....	179,386	2,767	1.5	4,210	1,757	346	14.9	13.2	22.6	9.4	1.9
1965-1969.....	193,223	2,125	1.1	3,628	1,888	419	10.7	8.7	18.3	9.5	2.1
1970-1974.....	203,849	2,126	1.1	3,370	1,946	359	10.6	6.8	16.1	9.3	1.7
1975-1979.....	214,931	2,303	1.0	3,288	1,908	441	10.4	6.2	14.9	8.7	2.2

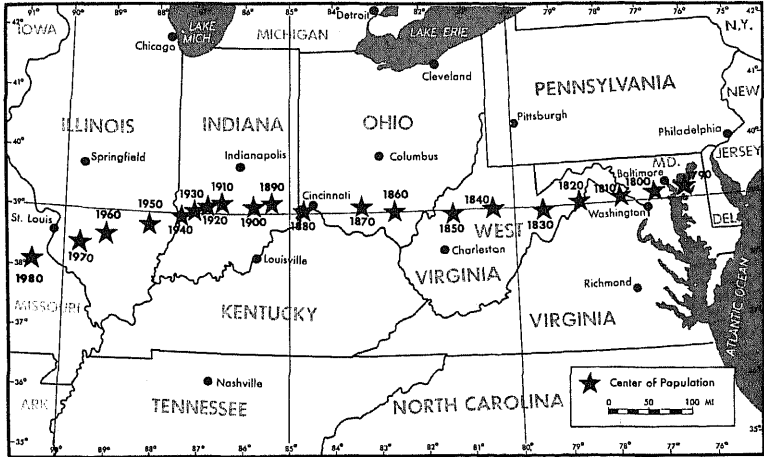
Z Less than .05 per 1,000 midyear population. ¹ For 1940-1980, includes overseas admissions into, less discharges from, Armed Forces and includes for all years "error of closure" (the amount necessary to make the components of change add to the net change between censuses), for which figures are not shown separately. ² Percent of population at beginning of period. ³ Adjusted for underregistration prior to April 1, 1970. ⁴ Prior to April 1, 1960, adjusted for underregistration of infant deaths.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 802, 899, and unpublished data.

NO. 4. CENTER OF POPULATION: 1790 TO 1980

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

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



¹ For dates of admissions of the States and changes in areal definition, see "State Origins and Boundaries," *United States Summary, U.S. Census of Population: 1960*, vol. I. For year of admission to statehood, see table 342.

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

NO. 5. RESIDENT POPULATION AND POPULATION DENSITY IN COUNTIES WITHIN 50 MILES OF COASTAL SHORELINES: 1940 TO 1978

[1940-1970, as of April 1 and based on census data. 1978 as of July 1 and based on estimates developed for Federal revenue-sharing allocation; for details, see *Current Population Reports*, series P-25, No. 699. Excludes Alaska and Hawaii. Covers 611 counties and independent cities which are entirely or substantially within 50 miles of U.S. coastal shorelines. Great Lakes region includes St. Lawrence River]

YEAR	U.S. total	COUNTIES IN COASTAL REGIONS					Balance of U.S.
		Total	Atlantic	Pacific	Great Lakes	Gulf of Mexico	
Land area, 1970 (1,000 sq. mi.)	2,964	468	122	118	134	94	2,496
POPULATION							
1940 (mil)	131.7	60.5	29.9	7.5	18.9	4.2	71.2
1950 (mil)	150.7	73.5	34.6	11.5	21.8	5.6	77.2
1960 (mil)	178.5	92.7	41.7	16.8	26.4	7.8	85.7
1970 (mil)	202.2	108.5	48.2	21.5	29.3	9.5	93.8
1978 (mil)	217.0	114.9	49.8	23.9	29.7	11.5	102.1
1940 (percent)	100	46	23	6	14	3	54
1950 (percent)	100	49	23	8	15	4	51
1960 (percent)	100	52	23	9	15	4	48
1970 (percent)	100	54	24	11	15	5	46
1978 (percent)	100	53	23	11	14	5	47
Population per square mile:							
1940	44.4	129.2	244.4	64.1	140.9	44.8	28.5
1950	50.8	157.2	283.3	97.6	162.9	59.8	30.9
1960	60.2	198.3	341.6	142.7	197.3	83.1	34.3
1970	68.2	232.0	394.4	182.5	219.1	101.1	37.6
1978	73.2	245.7	407.9	202.7	221.9	122.5	40.9

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

NO. 6. POPULATION AND AREA—UNITED STATES AND OUTLYING AREAS: 1960 TO 1980

[For area of individual States, see table 342. Minus sign (—) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series A 9-22 and J 1-2]

AREA	RESIDENT POPULATION				Gross area (land and water), 1980 (sq. mi.)
	1960 (April 1)	1970 (April 1)	1980 (April 1)	Percent change, 1970-80	
Total.....	183,285,009	208,066,557	231,065,210	11.1	3,623,462
United States	179,323,175	203,302,031	226,504,825	11.4	3,618,770
Puerto Rico ¹	2,349,544	2,712,033	3,196,520	17.9	3,515
Outlying areas.....	² 237,869	² 314,657	368,319	17.1	1,177
Territories.....	³ 123,151	³ 179,519	234,904	30.9	460
Guam.....	67,044	84,996	⁴ 105,821	24.5	209
Virgin Islands of the U.S.....	32,099	62,468	⁴ 95,591	53.0	133
American Samoa.....	20,051	27,159	⁴ 32,395	19.3	77
Midway Islands.....	2,356	2,220	468	-78.9	⁵ 2
Wake Island.....	1,097	1,647	302	-81.7	⁵ 3
Canton Island and Enderbury Island ⁶	320	-	-	(x)	⁵ 27
Johnston Atoll ⁷	156	1,007	327	-67.5	⁵ (2)
Other	-	-	-	(x)	⁵ 9
Trust Territory of the Pacific Islands ⁸	¹⁰ ¹¹ 70,724	¹⁰ 90,940	⁴ 116,555	(x)	¹² 533
Northern Mariana Islands	(¹⁰)	(¹⁰)	⁴ 16,660	(x)	184
U.S. population abroad ¹³	1,374,421	1,737,836	995,546	(x)	(x)
Federal employees.....	647,730	1,114,224	562,962	-49.5	(x)
Armed Forces.....	609,720	¹⁴ 1,057,776	¹⁴ 515,408	-51.3	(x)
Civilians.....	38,010	56,448	¹⁵ 47,554	-15.8	(x)
Dependents of Federal employees.....	506,393	371,366	¹⁴ 432,584	16.5	(x)
Crews of merchant vessels.....	32,464	15,910	(NA)	(x)	(x)
Other citizens	¹⁶ 187,834	¹⁶ 236,336	(NA)	(x)	(x)

- Represents zero. NA Not available. X Not applicable. Z Less than .5 square miles. ¹ Puerto Rico was ceded to the United States by Spain in 1898. On July 25, 1952, pursuant to acts of Congress, it achieved the political status of the Commonwealth of Puerto Rico. ² Includes population of Canal Zone (1960, 42,122; 1970, 44,198) and, for 1960 only, Corn Islands (1,872), not shown separately. Due to treaty of 1978 with Republic of Panama, U.S. jurisdiction over Canal Zone ended Oct. 1, 1979. Lease of Corn Islands from Republic of Nicaragua was terminated in 1971. ³ Includes population of Swan Islands (1960, 28; 1970, 22), not shown separately. Pursuant to treaty in 1972, jurisdiction of the Swan Islands was transferred to Honduras. ⁴ Preliminary. ⁵ 1970 data. ⁶ Enderbury Island uninhabited. Canton Island uninhabited in 1970 and 1980. ⁷ Includes Johnston Island and Sand Island. Sand Island uninhabited at time of enumeration. ⁸ Area is for Navassa (2 square miles), Baker, Howland, and Jarvis (3 square miles), and Palmyra (4 square miles); uninhabited at time of enumeration. ⁹ Administered by United States since July 18, 1947, under United Nations Trusteeship system. ¹⁰ Data for Northern Mariana Islands included in Trust Territory of the Pacific Islands. ¹¹ Census of 1958 conducted by the Office of High Commissioner, Trust Territory of the Pacific Islands. ¹² Comprises land area only. ¹³ Excludes U.S. citizens temporarily abroad on private business, travel, etc. Such persons were enumerated at their usual place of residence in the United States as absent members of their own households. ¹⁴ Based partially on tabulations provided by Department of Defense. ¹⁵ Based on data supplied by U.S. Office of Personnel Management. ¹⁶ Represents U.S. citizens abroad for extended periods. Since this population was enumerated on a voluntary basis, its coverage is probably less complete than that of other categories of Americans abroad.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, and *1980 Census of Population and Housing, Preliminary and Advance Reports*, series PHC80-P and PHC80-V.

NO. 7. POPULATION, BY SIZE-CLASS OF STATES: 1960 TO 1980

[As of April. Includes District of Columbia. Gross area comprises land and water]

POPULATION SIZE-CLASS	Number of States	POPULATION, 1960		Number of States	POPULATION, 1970		GROSS AREA, 1980		Number of States	POPULATION, 1980	
		Total (1,000)	Per- cent of total		Total (1,000)	Per- cent of total	Total (1,000 sq. mi.)	Per- cent of total		Total (1,000)	Per- cent of total
Total.....	51	179,323	100.0	51	203,235	100.0	3,619	100.0	51	226,505	100.0
Over 10 million.....	4	53,900	30.1	6	82,951	40.8	618	17.1	6	89,537	39.5
5 million-10 million.....	5	38,325	21.4	6	38,798	19.1	322	8.9	8	54,275	24.0
3 million-5 million.....	13	49,995	27.9	12	48,733	23.0	577	15.9	12	47,645	21.0
2 million-3 million.....	7	17,214	9.6	7	18,739	9.2	555	15.3	7	18,322	8.1
1 million-2 million.....	6	9,883	5.5	6	8,998	4.4	341	9.4	5	7,405	3.3
Under 1 million.....	16	10,007	5.6	14	9,015	4.4	1,206	33.3	13	9,321	4.1

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, part A, and *1980 Census of Population and Housing, Advance Reports*, series PHC80-V.

Resident Population

9

NO. 8. RESIDENT POPULATION—STATES: 1970 TO 1980

[In thousands. Preliminary estimates as of July 1, except 1970 and 1980 are enumerated population as of April 1. Includes Armed Forces stationed in area. See p. 2 for basis of estimates. For explanation of methodology, contact source]

DIVISION AND STATE	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
U.S.	203,302	206,827	209,284	211,357	213,342	215,465	217,563	219,760	222,095	224,567	226,505
N.E.	11,847	11,996	12,088	12,148	12,157	12,176	12,207	12,257	12,303	12,345	12,349
Maine.....	994	1,016	1,035	1,046	1,060	1,073	1,090	1,105	1,115	1,125	1,125
N.H.....	738	762	782	802	817	830	847	872	894	912	921
Vt.....	445	454	463	469	473	480	485	492	498	506	512
Mass.....	5,689	5,739	5,762	5,784	5,777	5,762	5,749	5,744	5,743	5,746	5,737
R.I.....	950	964	976	978	954	946	950	955	957	957	948
Conn.....	3,032	3,061	3,070	3,069	3,076	3,085	3,086	3,089	3,095	3,100	3,107
M.A.	37,213	37,531	37,593	37,415	37,272	37,271	37,206	37,075	36,942	36,880	36,788
N.Y.....	18,241	18,365	18,352	18,195	18,073	18,032	17,975	17,852	17,720	17,634	17,557
N.J.....	7,171	7,282	7,337	7,335	7,335	7,341	7,344	7,342	7,356	7,373	7,364
Pa.....	11,801	11,884	11,905	11,885	11,864	11,898	11,887	11,882	11,865	11,874	11,867
E.N.C.	40,263	40,622	40,824	40,947	41,037	41,105	41,187	41,353	41,509	41,611	41,670
Ohio.....	10,657	10,735	10,747	10,767	10,766	10,770	10,753	10,771	10,795	10,799	10,797
Ind.....	5,195	5,250	5,296	5,329	5,350	5,351	5,372	5,405	5,446	5,475	5,491
Ill.....	11,110	11,206	11,258	11,260	11,274	11,306	11,360	11,406	11,434	11,423	11,419
Mich.....	8,882	8,972	9,025	9,072	9,109	9,108	9,117	9,157	9,202	9,249	9,259
Wis.....	4,418	4,460	4,498	4,518	4,538	4,570	4,585	4,613	4,631	4,666	4,706
W.N.C.	16,328	16,475	16,563	16,628	16,672	16,743	16,864	16,950	17,028	17,097	17,185
Minn.....	3,806	3,852	3,867	3,885	3,898	3,926	3,957	3,980	4,005	4,038	4,077
Iowa.....	2,825	2,852	2,861	2,864	2,868	2,881	2,904	2,914	2,919	2,917	2,914
Mo.....	4,678	4,729	4,753	4,775	4,785	4,795	4,824	4,845	4,871	4,889	4,917
N. Dak.....	618	627	631	632	634	638	645	649	651	652	654
S. Dak.....	668	671	677	679	680	681	687	689	689	689	690
Nebr.....	1,465	1,504	1,518	1,529	1,538	1,541	1,549	1,554	1,561	1,564	1,570
Kans.....	2,249	2,246	2,256	2,264	2,268	2,279	2,299	2,318	2,333	2,347	2,363
S.A.	30,679	31,597	32,366	33,126	33,846	34,389	34,828	35,341	35,882	36,492	36,944
Del.....	548	565	574	579	583	589	593	595	598	599	596
Md.....	3,924	4,023	4,081	4,109	4,133	4,157	4,172	4,195	4,212	4,223	4,231
D.C.....	757	751	744	734	721	710	696	682	670	656	638
Va.....	4,651	4,753	4,828	4,907	4,978	5,056	5,133	5,206	5,284	5,325	5,346
W. Va.....	1,744	1,770	1,797	1,805	1,814	1,841	1,877	1,906	1,920	1,939	1,950
N.C.....	5,084	5,201	5,296	5,382	5,461	5,535	5,593	5,668	5,739	5,802	5,874
S.C.....	2,591	2,662	2,718	2,775	2,843	2,900	2,941	2,989	3,041	3,087	3,119
Ga.....	4,588	4,710	4,807	4,907	4,995	5,059	5,126	5,212	5,286	5,391	5,464
Fla.....	6,791	7,163	7,520	7,927	8,317	8,542	8,695	8,889	9,132	9,471	9,739
E.S.C.	12,808	13,071	13,272	13,441	13,625	13,810	14,027	14,219	14,395	14,554	14,663
Ky.....	3,221	3,298	3,336	3,372	3,417	3,469	3,530	3,575	3,611	3,644	3,661
Tenn.....	3,926	4,010	4,088	4,138	4,202	4,261	4,329	4,402	4,462	4,533	4,591
Ala.....	3,444	3,497	3,540	3,581	3,628	3,681	3,737	3,783	3,834	3,869	3,891
Miss.....	2,217	2,266	2,307	2,350	2,379	2,400	2,430	2,460	2,488	2,508	2,520
W.S.C.	19,326	19,810	20,196	20,560	20,921	21,385	21,847	22,281	22,725	23,266	23,743
Ark.....	1,923	1,972	2,018	2,058	2,100	2,158	2,169	2,207	2,241	2,269	2,285
La.....	3,645	3,711	3,762	3,789	3,821	3,887	3,952	4,016	4,073	4,139	4,203
Okl.....	2,559	2,618	2,657	2,694	2,732	2,772	2,823	2,866	2,913	2,970	3,026
Tex.....	11,199	11,510	11,759	12,019	12,268	12,568	12,903	13,192	13,498	13,887	14,228
Mt.	8,290	8,663	9,002	9,326	9,600	9,851	10,106	10,409	10,746	11,123	11,369
Mont.....	694	711	719	727	737	749	759	771	784	789	787
Idaho.....	713	739	763	782	808	832	857	883	911	933	945
Wyo.....	332	340	347	353	365	380	395	412	431	452	471
Colo.....	2,210	2,304	2,405	2,496	2,541	2,586	2,632	2,696	2,767	2,849	2,890
N. Mex.....	1,017	1,053	1,078	1,104	1,130	1,163	1,195	1,225	1,252	1,281	1,299
Ariz.....	1,775	1,896	2,009	2,125	2,224	2,286	2,348	2,427	2,518	2,639	2,718
Utah.....	1,059	1,101	1,135	1,169	1,199	1,234	1,272	1,316	1,364	1,416	1,461
Nev.....	489	520	547	569	597	620	647	678	719	765	799
Pac.	26,548	27,060	27,380	27,767	28,212	28,735	29,292	29,874	30,565	31,198	31,797
Wash.....	3,413	3,447	3,447	3,477	3,548	3,619	3,691	3,772	3,886	4,013	4,130
Oreg.....	2,092	2,150	2,195	2,239	2,281	2,325	2,372	2,439	2,510	2,578	2,632
Calif.....	19,971	20,346	20,585	20,868	21,173	21,537	21,935	22,350	22,839	23,255	23,669
Alaska.....	303	316	326	333	344	370	392	396	401	402	400
Hawaii.....	770	801	828	851	867	884	902	916	929	950	965

Source: U.S. Bureau of the Census, 1980 Census of Population and Housing, Advance Reports, United States Summary, PHC 80-V-1, and unpublished data.

NO. 9. RESIDENT POPULATION, RANK, PERCENT CHANGE,

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

DIVISION AND STATE OR OTHER AREA	POPULATION (1,000)									RANK	
	1920	1930	1940	1950	1960	1970	1980			1940	1960
							Total	Male	Female		
U.S.	106,022	123,203	132,165	151,326	179,323	203,302	226,505	110,032	116,473	(x)	(x)
Regions:											
N. East.....	29,662	34,427	35,977	39,478	44,678	49,061	49,137	23,480	25,657	(x)	(x)
N. Central.....	34,020	38,594	40,143	44,461	51,619	56,589	58,854	28,607	30,247	(x)	(x)
South.....	33,126	37,858	41,666	47,187	54,873	62,812	75,349	36,578	38,771	(x)	(x)
West.....	9,214	12,324	14,379	20,190	28,053	34,838	43,165	21,368	21,797	(x)	(x)
N.E.	7,401	8,166	8,437	9,314	10,509	11,448	12,348	5,924	6,425	(x)	(x)
Maine.....	768	797	847	914	969	994	1,125	546	578	35	36
N.H.....	443	465	492	533	607	738	921	448	472	44	45
Vt.....	352	360	359	378	390	445	511	249	262	46	47
Mass.....	3,852	4,250	4,317	4,691	5,149	5,689	5,737	2,731	3,006	8	9
R.I.....	604	687	713	792	859	950	947	451	496	36	39
Conn.....	1,381	1,607	1,709	2,007	2,535	3,032	3,108	1,498	1,610	31	25
M.A.	22,261	26,261	27,539	30,164	34,168	37,213	36,788	17,556	19,233	(x)	(x)
N.Y.....	10,385	12,588	13,479	14,830	16,782	18,241	17,557	8,339	9,218	1	1
N.J.....	3,156	4,041	4,160	4,835	6,067	7,171	7,364	3,533	3,831	9	8
Pa.....	8,720	9,631	9,900	10,498	11,319	11,801	11,867	5,684	6,183	2	3
E.N.C.	21,476	25,297	26,626	30,399	36,225	40,262	41,670	20,235	21,434	(x)	(x)
Ohio.....	5,759	6,647	6,908	7,947	9,706	10,657	10,797	5,217	5,580	4	5
Ind.....	2,930	3,239	3,428	3,934	4,662	5,195	5,490	2,666	2,824	12	11
Ill.....	6,485	7,631	7,897	8,712	10,081	11,110	11,418	5,534	5,885	3	4
Mich.....	3,668	4,842	5,256	6,372	7,823	8,882	9,258	4,514	4,744	7	7
Wis.....	2,632	2,939	3,138	3,435	3,952	4,418	4,705	2,305	2,400	13	15
W.N.C.	12,544	13,297	13,517	14,061	15,394	16,327	17,184	8,372	8,812	(x)	(x)
Minn.....	2,387	2,564	2,792	2,982	3,414	3,806	4,077	1,998	2,079	18	18
Iowa.....	2,404	2,471	2,538	2,621	2,758	2,825	2,913	1,416	1,497	20	24
Mo.....	3,404	3,629	3,785	3,955	4,320	4,678	4,917	2,366	2,552	10	13
N. Dak.....	647	681	642	620	632	618	653	328	324	38	44
S. Dak.....	637	693	643	653	681	666	690	340	350	37	40
Nebr.....	1,296	1,378	1,316	1,326	1,411	1,485	1,570	766	804	32	34
Kans.....	1,769	1,881	1,801	1,905	2,179	2,249	2,363	1,157	1,206	29	28
S.A.	13,990	15,794	17,823	21,182	25,972	30,678	36,943	17,871	19,072	(x)	(x)
Del.....	223	238	267	318	446	548	595	287	308	47	46
Md.....	1,450	1,632	1,821	2,343	3,101	3,924	4,216	2,043	2,174	28	21
D.C.....	438	487	663	802	764	757	638	295	343	(x)	(x)
Va.....	2,309	2,422	2,678	3,319	3,967	4,651	5,346	2,618	2,728	19	14
W. Va.....	1,464	1,729	1,902	2,006	1,860	1,744	1,950	945	1,004	25	30
N.C.....	2,559	3,170	3,572	4,062	4,556	5,084	5,874	2,852	3,022	11	12
S.C.....	1,684	1,793	1,900	2,117	2,383	2,591	3,119	1,517	1,602	26	26
Ga.....	2,896	2,909	3,124	3,445	3,943	4,588	5,464	2,641	2,823	14	16
Fla.....	968	1,468	1,897	2,771	4,952	6,791	9,740	4,673	5,067	27	10
E.S.C.	8,893	9,887	10,778	11,477	12,050	12,808	14,663	7,089	7,574	(x)	(x)
Ky.....	2,417	2,615	2,846	2,945	3,038	3,221	3,661	1,789	1,872	16	22
Tenn.....	2,338	2,617	2,916	3,292	3,567	3,926	4,591	2,216	2,374	15	17
Ala.....	2,348	2,646	2,833	3,062	3,267	3,444	3,890	1,869	2,021	17	19
Miss.....	1,791	2,010	2,184	2,179	2,178	2,217	2,521	1,214	1,307	23	29
W.S.C.	10,242	12,177	13,065	14,538	16,951	19,326	23,743	11,618	12,125	(x)	(x)
Ark.....	1,752	1,854	1,949	1,910	1,786	1,923	2,286	1,104	1,181	24	31
La.....	1,799	2,102	2,364	2,684	3,257	3,645	4,204	2,039	2,165	21	20
Okla.....	2,028	2,396	2,336	2,233	2,328	2,559	3,025	1,477	1,549	22	27
Texas.....	4,663	5,825	6,415	7,711	9,580	11,199	14,228	6,998	7,230	6	6
MT.	3,336	3,702	4,150	5,075	6,855	8,289	11,368	5,646	5,722	(x)	(x)
Mont.....	549	538	559	591	675	694	787	393	394	39	41
Idaho.....	432	445	525	589	667	713	944	471	473	42	42
Wyo.....	194	226	251	291	330	332	471	241	230	48	48
Colo.....	940	1,036	1,123	1,325	1,754	2,210	2,889	1,434	1,455	33	33
N. Mex.....	360	423	532	681	951	1,017	1,300	641	659	41	37
Ariz.....	334	436	499	750	1,302	1,775	2,718	1,338	1,380	43	35
Utah.....	449	508	550	689	891	1,059	1,461	725	737	40	38
Nev.....	77	91	110	160	285	489	799	404	395	49	49
Pac.	5,878	8,622	10,229	15,115	21,198	26,549	31,797	15,722	16,075	(x)	(x)
Wash.....	1,357	1,563	1,736	2,379	2,853	3,413	4,130	2,051	2,079	30	23
Oreg.....	783	954	1,090	1,521	1,769	2,092	2,633	1,296	1,336	34	32
Calif.....	3,427	5,677	6,907	10,586	15,717	19,971	23,669	11,667	12,002	5	2
Alaska.....	55	*59	*73	129	226	303	400	212	188	50	50
Hawaii.....	256	368	423	500	633	770	965	495	470	45	43
P.R.	1,300	1,544	1,869	2,211	2,350	2,712	3,188	(NA)	(NA)	(X)	(X)

NA Not available. X Not applicable. Z Less than .05 percent.

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

AND DENSITY—STATES AND PUERTO RICO: 1920 TO 1980

years is that of present area of State; for area figures of States, see table 342. Minus sign (–) denotes decrease. For series A 172, for population by regions, and A 195–198 for population, sex, and density by States]

RANK		PERCENT CHANGE						POPULATION PER SQ. MILE OF LAND AREA ¹						DIVISION AND STATE OR OTHER AREA
1970	1980	1920– 1930	1930– 1940	1940– 1950	1950– 1960	1960– 1970	1970– 1980	1930	1940	1950	1960	1970	1980	
(x)	(x)	16.2	7.3	14.5	18.5	13.4	11.4	34.7	37.2	42.6	50.6	^a 57.4	64.0	U.S.
(x)	(x)	16.1	4.5	9.7	13.2	9.8	.2	210.3	219.8	241.2	273.4	300.4	301.9	Regions:
(x)	(x)	13.4	4.0	10.8	16.1	9.6	4.0	51.1	58.8	68.6	75.2	78.3	78.3	N. East.
(x)	(x)	14.3	10.1	13.3	16.5	14.3	20.0	43.0	47.4	53.7	62.8	71.9	86.3	N. Cen.
(x)	(x)	33.7	16.7	40.4	38.9	24.2	23.9	7.0	8.2	11.5	16.0	19.9	24.6	South.
(x)	(x)	10.3	3.3	10.4	12.8	12.7	4.2	129.2	133.5	147.5	166.8	186.1	196.0	West.
38	38	3.8	6.2	7.9	6.1	2.6	13.2	25.7	27.3	29.4	31.3	32.1	36.3	N.E.
41	42	5.0	5.6	8.5	13.8	21.6	24.8	51.6	54.5	59.1	67.2	81.7	102.4	Maine.
48	48	2.0	–	5.2	3.2	14.1	15.0	38.8	38.7	40.7	42.0	47.9	55.1	N.H.
10	11	10.3	1.6	8.7	9.8	10.5	–	537.4	545.9	596.2	657.3	727.0	733.3	Vt.
39	40	13.7	3.8	11.0	8.5	10.6	–3	649.8	674.2	748.5	819.3	902.5	897.6	Mass.
24	25	16.4	6.4	17.4	26.3	19.6	2.5	328.0	348.9	409.7	520.6	623.6	637.9	R.I.
(x)	(x)	18.0	4.9	9.5	13.3	8.9	–1.1	261.3	274.0	300.1	340.2	370.8	368.9	Conn.
2	2	21.2	7.1	10.0	13.2	8.7	–3.8	282.6	281.2	309.3	350.6	381.3	378.9	M.A.
8	9	28.1	2.9	16.2	25.5	18.2	2.7	537.3	553.1	642.8	805.5	953.1	986.1	N.Y.
3	4	10.5	2.8	6.0	7.8	4.3	–8	213.8	219.8	233.1	251.4	262.3	264.4	N.J.
(x)	(x)	17.8	5.3	14.2	19.2	11.1	3.5	103.2	108.7	124.1	148.2	164.9	170.8	E.N.C.
6	6	15.4	3.9	15.0	22.1	9.8	1.3	161.6	168.0	193.8	236.6	260.0	263.3	Ohio.
11	12	10.5	5.8	14.8	18.5	11.4	5.7	89.4	94.7	108.7	128.8	143.9	152.8	Ind.
5	5	17.7	3.5	10.3	15.7	10.2	2.8	136.4	141.2	155.8	180.4	199.4	205.2	Ill.
7	8	32.0	8.5	21.2	22.8	13.5	4.2	84.9	92.2	111.7	137.7	156.2	162.8	Mich.
16	16	11.7	6.8	9.5	15.1	11.8	6.5	53.7	57.3	62.8	72.6	81.1	86.4	Wis.
(x)	(x)	6.0	1.7	4.0	9.5	6.1	5.2	26.0	26.5	27.5	30.3	32.1	33.8	W.N.C.
19	21	7.4	8.9	6.8	14.5	11.5	7.1	32.0	34.9	37.3	43.1	48.0	51.3	Minn.
25	27	2.8	2.7	3.3	5.2	2.4	3.1	44.1	45.3	46.8	49.2	50.5	52.1	Iowa.
13	15	6.6	4.3	4.5	9.2	8.3	5.1	52.4	54.6	57.1	62.6	67.8	71.3	Mo.
45	46	5.3	–5.7	–3.5	2.1	–2.2	5.6	9.7	9.2	8.8	9.1	8.9	9.4	N.Dak.
44	45	8.8	–7.2	1.5	4.3	–2.2	3.6	9.1	8.4	8.5	9.0	8.8	9.1	S.Dak.
35	35	6.3	–4.5	–7	6.5	5.2	5.7	18.0	17.2	17.3	18.4	19.4	20.5	Nebr.
28	32	6.3	–4.3	5.8	14.3	3.2	5.1	22.9	21.9	23.2	26.6	27.5	28.9	Kans.
(x)	(x)	12.9	12.9	18.8	22.6	18.1	20.4	58.8	66.4	79.0	97.1	114.9	138.4	S.A.
46	47	6.9	11.8	19.4	40.3	22.9	8.6	120.5	134.7	160.8	225.2	276.5	308.0	Del.
18	18	12.5	11.6	28.6	32.3	26.5	7.5	165.0	184.2	237.1	313.5	396.6	428.6	Md.
(x)	(x)	11.3	36.2	21.0	–4.8	–9	–15.7	7.982	10.870	13.151	12.524	12.402	10.127	D.C.
14	14	4.9	10.6	23.9	19.5	17.2	14.9	60.7	67.1	83.2	99.6	116.9	130.6	Va.
34	34	18.1	10.0	5.4	–7.2	–6.2	11.8	71.8	79.0	83.3	77.2	72.5	80.8	W. Va.
12	10	23.9	12.7	13.7	12.2	11.6	15.5	64.5	72.7	82.7	93.2	104.1	120.3	N.C.
26	24	3.3	9.3	11.4	12.5	8.7	20.4	56.8	62.1	68.9	78.7	85.7	103.3	S.C.
15	13	4	7.4	10.3	14.5	16.4	19.1	49.7	53.4	58.9	67.8	79.0	94.1	Georgia.
9	7	51.6	29.2	46.1	78.7	37.1	43.4	27.1	35.0	51.1	91.5	125.5	179.9	Fla.
(x)	(x)	11.2	9.0	6.5	5.0	6.3	14.5	54.8	59.7	63.8	67.2	71.5	82.0	E.S.C.
23	23	8.2	8.8	3.5	3.2	6.0	13.7	65.2	70.9	73.9	76.2	81.2	92.3	Ky.
17	17	11.9	11.4	12.9	8.4	10.1	16.9	62.4	69.5	78.8	86.2	94.9	111.6	Tenn.
21	22	12.7	7.1	8.1	6.7	5.4	12.9	51.8	55.5	59.9	64.2	67.9	76.6	Ala.
29	31	12.2	8.7	–2	(2)	1.8	13.7	42.4	46.1	46.1	46.0	46.9	53.4	Miss.
(x)	(x)	18.9	7.3	11.3	16.6	14.0	22.9	28.3	30.3	33.8	39.5	45.2	55.6	W.S.C.
32	33	5.8	5.1	–2.0	–6.5	7.7	18.8	35.2	37.0	36.3	34.2	37.0	43.9	Ark.
20	19	16.9	12.5	13.5	21.4	11.9	15.3	46.5	52.3	59.4	72.2	81.0	94.4	La.
27	26	18.1	–2.5	–4.4	4.3	9.9	18.2	34.6	33.7	32.4	33.8	37.2	44.1	Okl.
4	3	24.9	10.1	20.2	24.2	16.9	27.1	22.1	24.3	29.3	36.4	42.7	54.3	Texas.
(x)	(x)	11.0	12.1	22.3	35.1	20.9	37.1	4.3	4.8	5.9	8.0	9.7	13.3	Mt.
43	44	–2.1	4.1	5.6	14.2	2.8	13.3	3.7	3.8	4.1	4.6	4.8	5.4	Mont.
42	41	3.0	17.9	12.1	13.3	6.9	32.4	5.4	6.3	7.1	8.1	8.6	11.5	Idaho.
49	49	16.0	11.2	15.9	13.6	6	41.6	2.3	2.6	3.0	3.4	3.4	4.9	Wyo.
30	28	10.2	8.4	18.0	32.4	26.0	30.7	10.0	10.8	12.8	16.9	21.3	27.9	Colo.
37	37	17.5	25.6	28.1	39.6	6.9	27.8	3.5	4.4	5.6	7.8	8.4	10.7	N. Mex.
33	29	30.3	14.6	50.1	73.7	36.3	53.1	3.8	4.4	6.6	11.5	15.6	23.9	Ariz.
36	36	13.0	8.4	25.2	29.3	18.9	37.9	6.2	6.7	8.4	10.8	12.9	17.8	Utah.
47	43	17.6	21.1	45.2	78.2	71.6	63.5	8	1.0	1.5	2.6	4.4	7.3	Nev.
(x)	(x)	46.7	18.7	47.8	40.2	25.2	19.8	9.6	11.4	16.8	23.8	^a 29.7	35.5	Pac.
22	20	15.2	11.1	37.0	19.9	19.6	21.0	23.3	25.9	35.6	48.8	51.2	62.1	Wash.
31	30	21.8	14.2	39.6	16.3	18.3	25.9	9.9	11.3	15.8	18.4	21.7	27.4	Oreg.
1	1	65.7	21.7	53.3	48.5	27.1	18.5	36.2	44.1	67.5	100.4	127.6	151.4	Calif.
50	50	7.7	22.3	77.4	75.8	34.1	32.4	3.1	3.1	2	4	5.7	7	Alaska.
40	39	43.9	14.8	18.2	26.2	21.6	25.3	57.5	66.0	78.0	98.5	119.6	150.2	Hawaii.
(x)	(x)	18.8	21.1	18.3	6.3	15.4	17.6	451.0	546.1	645.8	686.4	792.8	921.7	P.R.

¹Land area for Alaska corrected after 1970 final reports were issued.

²1930 as of Oct. 1, 1929; 1940 as of Oct. 1, 1939.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. 1: *1980 Census of Population and Housing, Advance Report*, series PHC80-V, and *Supplementary Reports*, series PC80-S1-1; *Preliminary Reports*, series PHC80-P-53 for Puerto Rico.

NO.10 URBAN AND RURAL POPULATION—STATES AND PUERTO RICO: 1980
[In thousands, except percent. Enumerated population as of April 1. Excludes Armed Forces overseas]

REGION AND STATE	Total	URBAN		Rural	REGION AND STATE	Total	URBAN		Rural
		Number	Per-cent				Number	Per-cent	
U.S.	226,505	166,965	73.7	59,539	South—Con.:				
Northeast	49,137	38,904	79.2	10,232	Virginia.....	5,346	3,529	66.0	1,817
Maine.....	1,125	534	47.5	591	West Virginia.....	1,950	705	36.2	1,244
New Hampshire.....	921	480	52.2	440	North Carolina.....	5,874	2,819	48.0	3,055
Vermont.....	511	173	33.8	339	South Carolina.....	3,119	1,686	54.1	1,433
Massachusetts.....	5,737	4,808	83.8	929	Georgia.....	5,464	3,406	62.3	2,058
Rhode Island.....	947	824	87.0	123	Florida.....	9,740	8,208	84.3	1,532
Connecticut.....	3,108	2,450	78.8	658	Kentucky.....	3,661	1,859	50.8	1,802
New York.....	17,557	14,857	84.6	2,700	Tennessee.....	4,591	2,773	60.4	1,818
New Jersey.....	7,364	6,557	89.0	807	Alabama.....	3,890	2,333	60.0	1,557
Pennsylvania.....	11,867	8,221	69.3	3,645	Mississippi.....	2,521	1,193	47.3	1,328
North Central	58,854	41,466	70.5	17,388	Arkansas.....	2,286	1,179	51.6	1,106
Ohio.....	10,797	7,916	73.3	2,881	Louisiana.....	4,204	2,886	68.6	1,318
Indiana.....	5,490	3,525	64.2	1,966	Oklahoma.....	3,025	2,035	67.3	990
Illinois.....	11,418	9,475	83.0	1,944	Texas.....	14,228	11,327	79.6	2,901
Michigan.....	9,258	6,548	70.7	2,711	West	43,165	36,213	83.9	6,953
Wisconsin.....	4,705	3,020	64.2	1,685	Montana.....	767	416	52.9	370
Minnesota.....	4,077	2,725	66.8	1,352	Idaho.....	944	510	54.0	434
Iowa.....	2,913	1,708	58.6	1,206	Wyoming.....	471	296	62.8	175
Missouri.....	4,917	3,351	68.1	1,567	Colorado.....	2,889	2,329	80.6	560
North Dakota.....	553	318	48.8	334	New Mexico.....	1,300	939	72.2	361
South Dakota.....	690	320	46.4	370	Arizona.....	2,718	2,278	83.8	440
Nebraska.....	1,570	984	62.7	586	Utah.....	1,461	1,233	84.4	228
Kansas.....	2,363	1,576	66.7	787	Nevada.....	799	682	85.3	118
South	75,349	50,382	66.9	24,967	Washington.....	4,130	3,038	73.6	1,092
Delaware.....	595	421	70.7	175	Oregon.....	2,633	1,788	67.9	845
Maryland.....	4,216	3,386	80.3	830	California.....	23,669	21,611	91.3	2,058
Dist. of Columbia.....	638	638	100.0	-	Alaska.....	400	258	64.5	142
					Hawaii.....	965	835	86.5	130
					Puerto Rico	3,197	2,134	66.8	1,062

- Represents zero.
Source: U.S. Bureau of the Census, press release CB81-138.

NO. 11. U.S. RESIDENT POPULATION, BY REGION AND DIVISION: 1950 TO 1980
[As of April 1, except 1975 as of July 1. For composition of divisions, see fig. 1, inside front cover]

REGION AND DIVISION	POPULATION (millions)					PERCENT DISTRIBUTION				
	1950	1960	1970	1975	1980	1950	1960	1970	1975	1980
United States	151	179	203	215	227	100.0	100.0	100.0	100.0	100.0
Northeast	39	45	49	49	49	26.1	24.9	24.1	22.9	21.7
New England.....	9	11	12	12	12	6.2	5.9	5.8	5.7	5.5
Middle Atlantic.....	30	34	37	37	37	19.9	19.1	18.3	17.3	16.2
North Central	44	52	57	58	59	29.4	28.8	27.8	26.8	26.0
East North Central.....	30	36	40	41	42	20.1	20.2	19.8	19.1	18.4
West North Central.....	14	15	16	17	17	9.3	8.6	8.0	7.8	7.6
South	47	55	63	70	75	31.2	30.7	30.9	32.3	33.3
South Atlantic.....	21	26	31	34	37	14.0	14.5	15.1	16.0	16.3
East South Central.....	11	12	13	14	15	7.6	6.7	6.3	6.4	6.5
West South Central.....	15	17	19	21	24	9.6	9.5	9.5	9.9	10.5
West	20	28	35	39	43	13.3	15.6	17.1	17.9	19.1
Mountain.....	5	7	8	10	11	3.4	3.8	4.1	4.6	5.0
Pacific.....	15	21	27	29	32	10.0	11.8	13.1	13.3	14.0

Source: U.S. Bureau of the Census, *Census of Population: 1970*, Vol. 1; *1980 Census of Population and Housing, Advance Reports*, series PHC80-V, and unpublished data.

NO. 12. INTERREGIONAL MIGRATION, BY RACE: 1970 TO 1980

[In thousands. Minus sign (–) denotes net outmigration. For composition of regions, see fig. 1, inside front cover. Based on Current Population Survey, see text, pp. 1–2]

RACE AND MIGRATION STATUS	1970–1975				1975–1980			
	North-east	North Central	South	West	North-east	North Central	South	West
All races:								
Inmigrants	1,057	1,731	4,082	2,347	1,106	1,993	4,204	2,838
Outmigrants	2,399	2,926	2,253	1,639	2,592	3,166	2,440	1,945
Net migration	–1,342	–1,195	1,829	708	–1,486	–1,173	1,764	893
White:								
Inmigrants	920	1,569	3,730	2,155	996	1,793	3,746	2,558
Outmigrants	2,160	2,714	1,939	1,561	2,271	2,900	2,175	1,746
Net migration	–1,240	–1,145	1,791	594	–1,275	–1,107	1,571	812
Black:								
Inmigrants	118	150	302	153	99	170	415	193
Outmigrants	182	202	288	51	274	221	220	163
Net migration	–64	–52	14	102	–175	–51	195	30

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 285, and forthcoming report.

NO. 13. MOBILITY OF THE POPULATION, BY STATES: 1970 AND 1976

[1970, resident population as of April 1; 1976, civilian noninstitutional population as of spring. 1976 data based on Survey of Income and Education; see Appendix III. See also table 25]

DIVISION AND STATE	POPULATION 5 YR. OLD AND OVER		POPULATION 14 YR. OLD AND OVER ²				DIVISION AND STATE	POPULATION 5 YR. OLD AND OVER		POPULATION 14 YR. OLD AND OVER ²			
	Number, 1970 (1,000)	Per- cent mov- ers, 1965- 70 ¹	Number, 1976 (1,000)	Percent residing in State, 1976				Number, 1970 (1,000)	Per- cent mov- ers, 1965- 70 ¹	Number, 1976 (1,000)	Percent residing in State, 1976		
				Less than 1 yr.	5 yr. or less	Entire life					Less than 1 yr.	5 yr. or less	Entire life
U.S.	186,095	47.0	161,718	2.7	11.7	55.9	S.A.—Con.						
N.E.	10,858	41.9	9,284	2.3	10.9	59.5	W. Va.	1,607	39.6	1,401	1.8	9.3	70.6
Maine	909	41.7	804	3.1	13.1	62.3	N.C.	4,648	46.2	4,107	2.3	9.2	70.3
N.H.	672	45.0	619	4.8	18.8	43.0	S.C.	2,357	45.3	2,108	3.2	10.9	69.0
Vt.	405	45.1	356	3.4	15.0	54.8	Ga.	4,170	51.4	3,700	3.1	12.7	62.9
Mass.	5,220	40.9	4,428	1.5	9.2	65.7	Fla.	6,290	55.9	6,766	5.0	26.3	22.3
R.I.	873	42.6	704	2.5	9.9	62.2	E.S.C.	11,702	46.2	10,216	2.7	10.5	68.5
Conn.	2,779	42.5	2,371	2.4	11.0	51.2	Ky.	2,949	46.4	2,565	2.8	8.7	71.8
M.A.	34,199	39.4	28,541	1.4	6.8	64.3	Tenn.	3,600	47.4	3,199	2.7	11.4	64.4
N.Y.	16,751	40.4	13,933	1.2	5.9	62.4	Ala.	3,145	45.5	2,734	2.9	11.1	69.8
N.J.	6,581	42.4	5,575	1.8	10.4	51.8	Miss.	2,008	44.6	1,716	2.2	10.6	69.1
Pa.	10,868	36.3	9,032	1.4	6.0	74.9	W.S.C.	17,620	50.6	15,685	3.6	13.7	59.7
E.N.C.	36,752	45.1	30,722	1.5	6.8	63.5	Ark.	1,766	49.4	1,659	3.8	14.8	53.5
Ohio	9,732	45.2	7,992	1.2	5.8	63.8	La.	3,295	44.2	2,776	2.7	10.1	70.7
Ind.	4,738	46.2	3,979	2.0	8.6	61.3	Okla.	2,362	52.3	2,054	4.1	14.4	52.2
Ill.	10,175	46.0	8,358	1.6	7.6	61.1	Tex.	10,197	52.5	9,194	3.7	14.4	59.1
Mich.	8,071	44.7	6,872	1.3	5.5	64.9	Mt.	7,536	54.3	7,265	6.3	24.8	33.4
Wis.	4,036	42.2	3,519	1.7	7.5	68.7	Mont.	637	49.6	569	4.4	15.2	47.3
W.N.C.	14,982	45.6	12,640	2.4	10.1	62.7	Idaho	649	51.3	609	6.6	20.9	36.9
Minn.	3,473	43.2	2,962	2.0	9.2	64.2	Wyo.	304	51.9	285	6.6	23.0	33.9
Iowa	2,591	42.9	2,165	2.0	8.7	67.4	Colo.	2,021	57.1	1,936	5.9	25.1	31.1
Mo.	4,306	47.9	3,629	2.1	9.4	62.2	N. Mex.	919	50.3	851	6.0	20.4	43.8
N. Dak.	566	43.6	471	3.3	12.4	64.8	Ariz.	1,612	58.7	1,700	7.5	32.5	20.9
S. Dak.	611	42.9	514	3.1	10.1	63.7	Utah	948	46.1	856	4.9	17.6	52.5
Nebr.	1,362	46.1	1,163	3.5	13.0	60.6	Nev.	445	63.8	456	9.0	35.3	13.1
Kans.	2,072	48.9	1,732	3.3	12.4	55.6	Pac.	24,341	56.3	21,453	3.6	14.9	34.2
S.A.	28,105	49.7	25,908	3.7	16.6	49.8	Wash.	3,129	55.0	2,653	4.4	16.5	36.8
Del.	500	46.0	434	3.5	16.4	43.0	Oreg.	1,928	55.3	1,757	5.4	19.0	32.0
Md.	3,579	48.5	3,077	3.3	15.1	45.7	Calif.	18,318	56.5	16,163	3.1	13.6	33.3
D.C.	697	52.7	540	4.8	18.8	32.4	Alaska ..	268	73.1	244	10.5	41.0	20.9
Va.	4,258	49.7	3,771	4.7	17.9	52.0	Hawaii ..	698	54.1	633	5.7	20.8	55.0

¹ Comprises all persons in 1970 not living in the same house as in 1965.

² Residing in State of current residence. Excludes persons with duration of residence in State not reported.

Source: U.S. Bureau of the Census, *Census of Population, 1970*, PC(2)–2B, *Mobility for States and the Nation*, and *Current Population Reports*, series P-20, No. 334.

NO. 14. URBAN AND RURAL POPULATION, BY SIZE OF PLACE: 1950 TO 1970

[Includes both incorporated and unincorporated places of 2,500 or more and unincorporated territory included in urbanized areas. See text, p. 2, and *Historical Statistics, Colonial Times to 1970*, series A 43-72]

CLASS AND SIZE	PLACES			POPULATION (1,000)			PERCENT OF TOTAL POPULATION		
	1950	1960	1970	1950	1960	1970	1950	1960	1970
United States.....	(X)	(X)	(X)	151,326	179,323	203,212	100.0	100.0	100.0
Urban.....	4,764	6,041	7,062	96,847	125,269	149,325	64.0	69.9	73.5
Places of 1,000,000 or more.....	5	5	6	17,404	17,484	18,769	11.5	9.8	9.2
Places of 500,000-1,000,000.....	13	16	20	9,187	11,111	12,967	6.1	6.2	6.4
Places of 250,000-500,000.....	23	30	30	8,242	10,766	10,442	5.4	6.0	5.1
Places of 100,000-250,000.....	66	81	100	9,727	11,652	14,286	6.4	6.5	7.0
Places of 50,000-100,000.....	126	201	240	8,931	13,836	16,724	5.9	7.7	8.2
Places of 25,000-50,000.....	253	432	520	8,835	14,951	17,848	5.8	8.3	8.8
Places of 10,000-25,000.....	779	1,134	1,385	11,878	17,568	21,415	7.8	9.8	10.5
Places of 5,000-10,000.....	1,184	1,394	1,839	8,193	9,780	12,924	5.4	5.5	6.4
Places of 2,500-5,000.....	1,858	2,152	2,295	6,529	7,580	8,038	4.3	4.2	4.0
Places under 2,500.....	457	596	627	578	690	727	.4	.4	.4
Unincorp. parts of urbanized areas.....	(X)	(X)	(X)	7,344	9,851	15,186	4.9	5.5	7.5
Rural.....	13,851	13,749	13,706	54,479	54,054	53,887	36.0	30.1	26.5
Places of 1,000-2,500.....	4,186	4,151	4,191	6,515	6,497	6,656	4.3	3.6	3.3
Places under 1,000.....	9,665	9,598	9,515	4,037	3,894	3,852	2.7	2.2	1.9
Other rural.....	(X)	(X)	(X)	43,927	43,664	43,379	29.0	24.3	21.3

X Not applicable. ¹ See text, p. 1.

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

NO. 15. URBAN AND RURAL POPULATION, BY RACE: 1960 AND 1970

[In thousands, except percent. For data shown in this table, an urbanized area comprises at least one city of 50,000 inhabitants (central city) plus contiguous, closely settled areas (urban fringe). For urban and rural definitions, see text, p. 2. See also *Historical Statistics, Colonial Times to 1970*, series A 73-90]

YEAR AND AREA	Total	White	BLACK AND OTHER RACES		PERCENT DISTRIBUTION			
			Total	Black	Total	White	Black and other	
							Total	Black
1960, total population.....	179,323	158,832	20,491	18,872	100.0	100.0	100.0	100.0
Urban.....	125,269	110,428	14,840	13,808	69.9	69.5	72.4	73.2
Inside urbanized areas.....	95,848	83,770	12,079	11,258	53.5	52.7	58.9	59.7
Central cities.....	57,975	47,627	10,348	9,702	32.3	30.0	50.5	51.4
Urban fringe.....	37,873	36,143	1,731	1,555	21.1	22.8	8.4	8.2
Outside urbanized areas.....	29,420	26,658	2,762	2,550	16.4	16.8	13.5	13.5
Rural.....	54,054	48,403	5,651	5,064	30.1	30.5	27.6	26.8
1970, total population.....	203,212	177,749	25,463	22,580	100.0	100.0	100.0	100.0
Urban.....	149,325	128,773	20,552	18,367	73.5	72.4	80.7	81.3
Inside urbanized areas.....	118,447	100,952	17,495	15,693	58.3	56.8	68.7	69.5
Central cities.....	63,922	49,547	14,375	13,145	31.5	27.9	56.5	58.2
Urban fringe.....	54,525	51,405	3,120	2,548	26.8	28.9	12.3	11.3
Outside urbanized areas.....	30,878	27,622	3,057	2,675	15.2	15.7	12.0	11.8
Rural.....	53,887	48,976	4,911	4,213	26.5	27.6	19.3	18.7

¹ See text, p. 1.

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

NO. 16. METROPOLITAN AND NONMETROPOLITAN AREA POPULATION, CURRENT SMSA DEFINITIONS: 1940 TO 1980

[Metropolitan area definition as of year shown, except as noted; see Appendix II. SMSA=standard metropolitan statistical area. See also text, p. 2. Data are for total resident population. Excludes Puerto Rico]

ITEM	1940 ¹	1950	1960	1970	1980 ²
Metropolitan areas:					
Number of SMSA's.....	168	168	212	243	318
Population (1,000).....	69,535	84,854	112,685	139,419	169,405
Percent change over previous year shown.....	(X)	22.0	33.0	23.6	21.5
Percent of total U.S. population.....	52.8	56.1	63.0	68.6	74.8
Land area, percent of U.S. land area.....	7.0	7.0	8.7	11.0	16.0
Nonmetropolitan areas, population (1,000).....	62,135	66,472	66,438	63,793	57,100

X Not applicable. ¹ 1950 metropolitan area definition. ² 1981 metropolitan area definition. Includes areas newly qualified on basis of 1980 census.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1940; 1950; 1960; 1970; and 1980 Census of Population Supplementary Reports*, series PC80-S1-5.

**NO. 17. LAND AREA, POPULATION, AND DENSITY OF URBAN AND RURAL TERRITORY, BY
METROPOLITAN AND NONMETROPOLITAN STATUS: 1960 AND 1970**

[Areas as defined for the 1960 and 1970 censuses, respectively. Changes in land area between the censuses reflect (a) changes in the extent of urban territory and of standard metropolitan statistical areas (SMSA's) and (b) alterations resulting from remeasurement of land areas, including changes in the extent of inland water area]

RESIDENCE	1960 (212 SMSA's)					1970 (243 SMSA's)				
	Land area		Population			Land area		Population		
	Total (sq. mi.)	Per- cent of U.S.	Total (1,000)	Per- cent of U.S.	Per sq. mi.	Total (sq. mi.)	Per- cent of U.S.	Total (1,000)	Per- cent of U.S.	Per sq. mi.
Total	1,354,974	100.0	179,323	100.0	51	2,354,023	100.0	203,212	100.0	57
Urban	40,238	1.1	125,269	69.9	3,113	54,103	1.5	149,325	73.5	2,760
In urbanized areas	125,544	.7	95,848	53.4	3,752	35,081	1.0	118,447	58.3	3,376
Other urban	14,694	.4	29,420	16.4	2,002	19,022	.5	30,878	15.2	1,823
Rural	3,508,736	98.9	54,054	30.1	15	2,348,920	98.5	53,887	26.5	15
Inside SMSA's	310,233	8.7	112,885	63.0	364	238,594	10.9	139,419	68.6	360
Urban	(NA)	(NA)	99,563	55.5	(NA)	(NA)	(NA)	123,007	60.5	(NA)
Rural	(NA)	(NA)	13,323	7.4	(NA)	(NA)	(NA)	16,412	8.1	(NA)
Outside SMSA's	3,238,741	91.3	66,438	37.0	21	2,315,429	89.1	63,793	31.4	20
Urban	(NA)	(NA)	25,706	14.3	(NA)	(NA)	(NA)	26,318	13.0	(NA)
Rural	(NA)	(NA)	40,732	22.7	(NA)	(NA)	(NA)	37,475	18.4	(NA)

NA Not available. ¹ Revised since 1960 census as a result of area remeasurement to 3,540,911 for total U.S. and to 24,979 for total inside urbanized areas; revisions not reflected in other territorial categories. ² Revised since publication of 1970 census reports. ³ Revised to 95,834,251 since publication of 1960 census.

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

**NO. 18. MOBILITY STATUS OF THE POPULATION, BY RACE AND SPANISH ORIGIN, AND BY REGION:
1975-1980**

[For persons 5 years old and over. Based on Current Population Survey; see source for sampling variability. Includes members of the Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. See also text, p. 3. Persons of Spanish origin may be of any race. Refers to 243 standard metropolitan statistical areas (SMSA's) as defined in 1970 census publications; see Appendix II. For composition of regions, see fig. 1, inside front cover]

RESIDENCE IN 1980 COMPARED WITH RESIDENCE IN 1975	Total	White	Black	Spanish origin	North- east	North Central	South	West
NUMBER (1,000)								
Total	202,216	175,185	23,037	11,542	45,429	53,544	65,742	37,501
Same housing units (nonmovers)	107,257	93,526	12,160	4,948	28,214	29,582	33,524	15,937
Central cities of SMSA's	28,480	21,231	6,624	2,279	8,435	7,177	8,020	4,849
Balance of SMSA's	43,386	40,468	2,356	1,727	13,926	12,177	9,650	7,633
Outside SMSA's	35,391	31,827	3,179	943	5,853	10,228	15,853	3,456
Different housing units in the U.S.	91,146	78,970	10,540	5,627	16,386	23,404	31,137	20,218
Within same SMSA	41,619	34,126	6,681	3,645	9,240	11,584	11,301	8,494
Between SMSA's	14,551	12,847	1,386	861	2,710	2,588	4,478	4,775
From outside SMSA's to SMSA's	5,993	5,424	469	233	680	1,504	2,467	1,341
From SMSA's to outside SMSA's	7,337	6,882	353	170	982	1,779	3,249	1,327
Outside SMSA's at both dates	21,647	19,691	1,650	717	2,773	5,950	9,643	3,281
Movers from abroad	3,813	2,690	338	967	829	558	1,081	1,346
PERCENT DISTRIBUTION								
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Same housing units (nonmovers)	53.0	53.4	52.8	42.9	62.1	55.2	51.0	42.5
Central cities of SMSA's	14.1	12.1	28.8	19.7	18.6	13.4	12.2	12.9
Balance of SMSA's	21.5	23.1	10.2	15.0	30.7	22.7	14.7	20.4
Outside SMSA's	17.5	18.2	13.8	8.2	12.9	19.1	24.1	9.2
Different housing units in the U.S.	45.1	45.1	45.8	48.7	36.1	43.7	47.4	53.9
Within same SMSA	20.6	19.5	29.0	31.6	20.3	21.6	17.2	25.3
Between SMSA's	7.2	7.3	6.0	7.5	6.0	4.8	6.8	12.7
From outside SMSA's to SMSA's	3.0	3.1	2.0	2.0	1.5	2.8	3.8	3.6
From SMSA's to outside SMSA's	3.6	3.9	1.5	1.5	2.2	3.3	4.9	3.5
Outside SMSA's at both dates	10.7	11.2	7.2	6.2	6.1	11.1	14.7	8.7
Movers from abroad	1.9	1.5	1.5	8.4	1.8	1.0	1.6	3.6

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 368.

NO. 19. POPULATION BY METRO-NONMETRO. RESIDENCE AND RACE: 1960 TO 1980

[In millions, except percent. As of April. Minus sign (-) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series A 276-287]

RESIDENCE AND RACE	243 SMSA's ¹					318 SMSA's ²				
	1960	1970		Change, 1960-70		1970	1980		Change, 1970-80	
		Total	Percent distribution	Number	Percent		Total	Percent distribution	Number	Percent
All races.....	179.3	³ 203.3	100.0	23.9	13.3	³ 203.3	226.5	100.0	23.2	11.4
SMSA's, total.....	119.6	139.4	68.7	19.8	16.6	153.7	169.4	74.8	15.7	10.2
Central cities.....	59.9	63.8	31.6	3.9	6.5	67.9	67.9	30.0	.1	.1
Outside central cities.....	59.6	75.6	37.0	16.0	26.8	85.8	101.5	44.8	15.6	18.2
Nonmetropolitan areas.....	59.7	63.8	31.4	4.1	6.8	49.6	57.1	25.2	7.5	15.1
White.....	158.8	177.7	100.0	18.9	11.9	177.7	188.3	100.0	10.6	6.0
SMSA's.....	105.8	120.6	67.8	14.8	14.0	133.6	138.0	73.3	4.5	3.3
Central cities.....	49.4	49.4	27.8			53.1	47.0	25.0	-6.1	-11.5
Outside central cities.....	56.4	71.1	40.0	14.7	26.1	80.5	91.0	48.3	10.6	13.1
Nonmetropolitan areas.....	53.0	57.2	32.2	4.2	7.8	44.2	50.3	26.7	6.1	13.9
Black.....	18.9	22.6	100.0	3.7	19.7	22.6	26.5	100.0	3.9	17.3
SMSA's.....	12.7	16.8	74.3	4.0	31.6	17.9	21.5	81.1	3.6	20.2
Central cities.....	9.9	13.1	58.2	3.2	32.3	13.5	15.3	57.8	1.8	13.0
Outside central cities.....	2.9	3.6	16.1	.7	24.1	4.3	6.2	23.3	1.8	42.7
Nonmetropolitan areas.....	6.1	5.8	25.7	-3	-5.3	4.7	5.0	18.9	.3	6.5
All other races.....	1.6	2.9	100.0	1.3	78.0	2.9	11.7	100.0	8.8	305.0
SMSA's.....	1.0	2.1	71.8	1.0	102.0	2.2	9.9	84.7	7.7	354.0
Central cities.....	.6	1.2	42.5	.6	100.0	1.2	5.6	48.1	4.5	382.5
Outside central cities.....	.3	.8	29.3	.5	166.7	1.0	4.3	36.6	3.3	321.4
Nonmetropolitan areas.....	.6	.8	28.2	.2	36.7	.7	1.8	15.3	1.1	153.7

- Represents zero. ¹ As defined in 1970 census publications. ² As defined by U.S. Office of Management and Budget, June 30, 1981. ³ Totals include corrections and some annexations that are not included in data by race. See text.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960 and 1970*, vol. 1; and *1980 Census of Population and Housing*, Advance Reports, series PHC 80-V.

NO. 20. NUMBER AND POPULATION OF SMSA'S, 1970 AND 1980, AND CHANGE, 1960 TO 1980

[SMSA = standard metropolitan statistical area. Data exclude Puerto Rico. For definitions, see Appendix II. Minus sign (-) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series A 264-275]

POPULATION-SIZE CLASS OF SMSA'S	243 SMSA's ¹				318 SMSA's ²				
	Number, 1970 ³	Population, 1970			Number, 1980 ³	Population, 1970 (mil.)	Population, 1980		
		Total (mil.)	Percent in each class	Percent change, 1960-1970			Total (mil.)	Percent in each class	Percent change, 1970-1980
Total SMSA's	243	139.4	100.0	16.6	318	153.7	169.4	100.0	10.2
3,000,000 or more.....	6	37.7	27.0	11.9	7	39.3	39.1	23.1	-.5
1,000,000-3,000,000.....	27	42.9	30.8	21.4	31	47.3	53.8	31.7	13.8
500,000-1,000,000.....	32	21.9	15.7	18.0	41	25.1	28.1	16.6	11.8
250,000-500,000.....	60	19.8	14.2	16.3	71	21.4	24.5	14.5	14.6
100,000-250,000.....	92	15.0	10.7	14.5	140	18.5	21.5	12.7	16.4
Less than 100,000.....	26	2.1	1.5	12.3	28	2.1	2.4	1.4	13.2

¹ As defined in 1970 census publications. ² Based on size class in 1970 and 1980, respectively. ³ Includes all SMSA's as defined by U.S. Office of Management and Budget, June 30, 1981.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, parts A and B; and *1980 Census of Population and Housing*, Advance Reports, series PHC80-V.

NO. 21. CITIES, BY POPULATION SIZE: 1960 TO 1980

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

POPULATION SIZE	NUMBER OF CITIES			POPULATION (mil.)			PERCENT OF TOTAL			CUMULATIVE PERCENT		
	1960	1970	1980	1960	1970	1980	1960	1970	1980	1960	1970	1980
Total	1,654	2,031	2,199	91.0	107.7	112.5	100.0	100.0	100.0	(x)	(x)	(x)
1,000,000 or more.....	5	6	6	17.5	18.9	17.5	19.2	17.5	15.6	19.2	17.5	15.6
500,000-1,000,000.....	16	20	16	11.1	13.1	10.9	12.2	12.2	9.7	31.4	29.7	25.3
250,000-500,000.....	30	31	34	10.8	10.7	12.2	11.8	9.9	10.8	43.2	39.6	36.1
100,000-250,000.....	79	99	113	11.4	14.1	16.5	12.5	13.1	14.7	55.7	52.7	50.8
50,000-100,000.....	180	234	250	12.5	16.3	17.3	13.7	15.0	15.4	69.5	67.9	66.2
25,000-50,000.....	366	474	528	12.7	16.4	18.4	14.0	15.2	16.4	83.5	83.1	82.6
10,000-25,000.....	978	1,167	1,252	15.1	18.2	19.6	16.5	16.9	17.4	100.0	100.0	100.0

X Not applicable.

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

NO. 22. METROPOLITAN AND NONMETROPOLITAN AREA POPULATION—STATES: 1960 TO 1980

[As of April. Excludes Armed Forces abroad. Refers to 318 SMSA's as defined in *Standard Metropolitan Statistical Areas, 1975, Revised Edition*, and amendments issued through June 30, 1981; see Appendix II. Minus sign (—) denotes decrease]

DIVISION AND STATE	METROPOLITAN AREA POPULATION								NONMETROPOLITAN AREA POPULATION							
	Total (1,000)			Percent change		Percent of State or division			Total (1,000)			Percent change		Percent of State or division		
	1960	1970	1980	1960-1970	1970-1980	1970	1980		1960	1970	1980	1960-1970	1970-1980	1970	1980	
U.S.	131,319	153,694	169,405	17.0	10.2	75.6	74.8		47,992	49,608	57,100	3.4	15.1	24.4	25.2	
N.E.	8,323	9,369	9,461	12.6	1.0	79.1	76.6		2,187	2,479	2,887	13.3	16.5	20.9	23.4	
Maine.....	339	349	371	3.0	6.2	35.2	33.0		630	644	754	2.3	17.0	64.8	67.0	
N.H.....	295	377	467	27.7	23.8	51.1	50.7		312	361	454	15.7	25.8	48.9	49.3	
Vt.....	74	98	114	33.0	16.0	22.1	22.3		316	346	397	9.6	14.7	77.9	77.7	
Mass.....	4,563	4,980	4,892	9.1	-1.8	87.5	85.3		586	709	845	21.1	19.1	12.5	14.7	
R.I.....	786	867	873	10.3	.7	91.3	92.2		73	83	74	13.1	-10.5	8.7	7.8	
Conn.....	2,265	2,697	2,744	19.1	1.8	88.9	88.3		270	335	363	24.1	8.4	11.1	11.7	
M.A.	30,384	33,178	32,280	9.2	-2.7	89.2	87.7		3,784	4,035	4,508	6.6	11.7	10.8	12.3	
N.Y.....	15,245	16,614	15,828	9.0	-4.7	91.1	90.1		1,538	1,627	1,730	5.8	6.3	8.9	9.9	
N.J.....	5,807	6,756	6,732	16.3	-.3	94.2	91.4		260	415	632	59.6	52.1	5.8	8.6	
Pa.....	9,333	9,808	9,720	5.1	- .9	83.1	81.9		1,987	1,993	2,147	.3	7.7	16.9	18.1	
E.N.C.	28,365	31,954	32,551	12.7	1.9	79.4	78.1		7,861	8,308	9,119	5.7	9.8	20.6	21.9	
Ind.....	7,835	8,704	8,666	11.1	-.4	81.7	80.3		1,871	1,953	2,131	4.4	9.1	18.3	19.7	
Ohio.....	3,226	3,660	3,832	13.5	4.7	70.5	69.8		1,436	1,535	1,658	6.9	8.0	29.5	30.2	
Ill.....	8,074	9,053	9,247	12.1	2.1	81.5	81.0		2,007	2,057	2,171	2.5	5.6	18.5	19.0	
Mich.....	6,590	7,518	7,661	14.1	1.9	84.6	82.7		1,233	1,364	1,598	10.6	17.1	15.4	17.3	
Wis.....	2,640	3,019	3,145	14.4	4.2	68.3	66.8		1,312	1,399	1,560	6.6	11.5	31.7	33.2	
W.N.C.	7,562	8,674	9,156	14.7	5.6	53.1	53.3		7,832	7,653	8,028	-2.3	4.9	46.9	46.7	
Minn.....	2,052	2,451	2,632	19.5	7.4	64.4	64.6		1,362	1,355	1,445	-.6	6.7	35.6	35.4	
Iowa.....	990	1,105	1,169	11.6	5.7	39.1	40.1		1,767	1,720	1,745	-2.7	1.4	60.9	59.9	
Mo.....	2,801	3,155	3,211	12.6	1.8	67.4	65.3		1,519	1,523	1,706	.3	12.0	32.6	34.7	
N. Dak.....	171	196	234	14.7	19.7	31.7	35.9		462	422	418	-8.6	-.9	68.3	64.1	
S. Dak.....	87	95	109	10.0	14.9	14.3	15.9		594	571	581	-3.9	1.7	85.7	84.1	
Nebr.....	542	637	693	17.4	8.9	42.9	44.2		869	849	877	-2.4	3.3	57.1	55.8	
Kans.....	920	1,035	1,107	12.5	7.0	46.0	46.8		1,259	1,214	1,256	-3.5	3.5	54.0	53.2	
S.A.	17,114	21,551	26,024	25.9	20.8	70.2	70.4		8,845	9,128	10,919	3.2	19.6	29.8	29.6	
Del.....	307	386	399	25.5	3.4	70.4	67.0		139	162	196	16.9	20.9	29.6	33.0	
Md.....	2,758	3,544	3,745	28.5	5.7	90.3	88.8		342	380	471	10.9	24.2	9.7	11.2	
D.C.....	764	757	638	-1.0	-15.7	100.0	100.0		-	-	-	(x)	(x)	-	-	
Va.....	2,617	3,268	3,721	24.8	13.9	70.2	69.6		1,337	1,384	1,625	3.5	17.5	29.8	30.4	
W. Va.....	704	687	723	-2.4	5.2	39.4	37.1		1,157	1,057	1,227	-8.6	16.0	60.6	62.9	
N.C.....	2,196	2,663	3,098	21.3	16.3	52.4	52.7		2,360	2,421	2,777	2.6	14.7	47.6	47.3	
S.C.....	1,295	1,504	1,863	16.1	23.9	58.0	59.7		1,087	1,087	1,256	-.1	15.6	42.0	40.3	
Ga.....	2,130	2,701	3,277	26.9	21.3	58.9	60.0		1,814	1,886	2,167	4.0	15.9	41.1	40.0	
Fla.....	4,343	6,041	8,561	39.1	41.7	89.0	87.9		609	750	1,179	23.3	57.1	11.0	12.1	
E.S.C.	5,968	6,679	7,609	11.9	13.9	52.1	51.9		6,082	6,129	7,054	.8	15.1	47.9	48.1	
Ky.....	1,324	1,511	1,629	14.1	7.8	46.9	44.5		1,714	1,710	2,093	-.2	18.9	53.1	55.5	
Tenn.....	2,216	2,497	2,884	12.7	15.5	63.6	62.8		1,351	1,429	1,707	5.7	19.4	36.4	37.2	
Ala.....	1,987	2,129	2,411	7.1	13.3	61.8	62.0		1,280	1,316	1,479	2.8	12.4	38.2	38.0	
Miss.....	441	543	684	23.0	26.1	24.5	27.1		1,737	1,674	1,836	-3.6	9.7	75.5	72.9	
W.S.C.	10,942	13,239	16,720	21.0	26.3	68.5	70.4		6,009	6,087	7,023	1.3	15.4	31.5	29.6	
Ark.....	622	734	895	18.0	21.9	38.2	39.1		1,164	1,189	1,391	2.1	16.9	61.8	60.9	
La.....	1,985	2,262	2,666	14.0	17.8	62.1	63.4		1,272	1,382	1,538	8.6	11.3	37.9	36.6	
Okla.....	1,232	1,468	1,770	19.1	20.6	57.4	58.5		1,096	1,091	1,255	-.4	15.0	42.6	41.5	
Tex.....	7,103	8,775	11,389	23.5	29.8	78.4	80.0		2,477	2,424	2,839	-2.1	17.1	21.6	20.0	
Mt.	3,782	5,072	7,170	34.1	41.3	61.2	63.1		3,073	3,217	4,199	4.7	30.5	38.8	36.9	
Mont.....	152	169	189	11.0	11.6	24.4	24.0		522	525	598	.6	13.8	75.6	76.0	
Idaho.....	93	112	173	20.1	54.2	15.7	18.3		574	601	771	4.7	28.3	84.3	81.7	
Wyo.....	50	51	72	3.3	40.2	15.4	15.3		280	281	399	.3	41.9	84.6	84.7	
Colo.....	1,326	1,776	2,336	34.0	31.5	80.4	80.9		428	433	553	1.1	27.6	19.6	19.1	
N. Mex.....	336	403	551	19.8	36.7	39.6	42.4		615	614	749	-.1	22.0	60.4	57.6	
Ariz.....	929	1,323	2,039	42.4	54.2	74.5	75.0		373	453	679	21.3	50.0	25.5	25.0	
Utah.....	683	843	1,154	23.4	36.9	79.6	79.0		207	216	307	4.3	42.0	20.4	21.0	
Nev.....	212	394	655	86.2	66.2	80.7	82.0		74	94	144	28.4	52.3	19.3	18.0	
Pac.	18,880	23,977	28,434	27.0	18.6	90.3	89.4		2,318	2,572	3,362	10.9	30.7	9.7	10.6	
Wash.....	2,241	2,752	3,321	22.8	20.7	80.6	80.4		612	661	809	8.0	22.4	19.4	19.6	
Oreg.....	1,112	1,375	1,708	23.6	24.2	65.8	64.9		656	716	925	9.1	29.2	34.2	35.1	
Calif.....	14,943	19,092	22,470	27.8	17.7	95.6	94.9		774	879	1,199	13.5	36.4	4.4	5.1	
Alaska.....	83	126	173	52.6	36.9	41.8	43.2		143	176	227	22.9	29.1	58.2	56.8	
Hawaii.....	500	631	763	26.0	21.0	81.9	79.1		132	139	202	5.3	45.0	18.1	20.9	

- Represents zero or rounds to zero. X Not applicable.

Source: U.S. Bureau of the Census, *1980 Census of Population and Housing, Advance Reports*, series PHC80-V, and unpublished data.

NO. 23. LARGE METROPOLITAN AREAS—POPULATION, 1960 TO 1980, AND HOUSEHOLDS, 1980

[As of April 1. Covers 172 standard metropolitan statistical areas (SMSA's) with populations of 200,000 or more and 17 standard consolidated statistical areas (SCSA's) as defined by the Executive Office of the President, Office of Management and Budget. Figures for 1970 include corrections. Rank based on unrounded figures. For definitions and components of SMSA's and SCSA's, see Appendix II. Minus sign (–) reflects decrease]

METROPOLITAN AREA	POPULATION							HOUSEHOLDS, 1980	
	1960 (1,000)	1970 (1,000)	1980					Total (1,000)	Persons per house- hold
			Total (1,000)	Rank	Percent change, 1970- 1980	Black (1,000)	Span- ish ori- gin ¹ (1,000)		
Akron, Ohio.....	605	679	660	57	-2.8	60	4	234	2.76
Albany-Schenectady-Troy, N.Y.....	715	778	795	50	2.2	29	8	287	2.68
Albuquerque, N. Mex.....	276	333	454	86	36.4	10	164	162	2.78
Allentown-Bethlehem-Easton, Pa.-N.J.....	545	594	637	62	7.1	9	15	231	2.69
Anaheim-Santa Ana-Garden Grove, Calif.....	704	1,421	1,932	18	35.9	25	286	686	2.78
Ann Arbor, Mich.....	172	234	265	145	13.1	28	4	93	2.62
Appleton-Oshkosh, Wis.....	232	277	291	129	5.2	(2)	2	99	2.86
Atlanta, Ga.....	1,169	1,596	2,030	16	27.2	499	23	720	2.77
Augusta, Ga.-S.C.....	230	276	327	113	18.7	100	5	109	2.87
Austin, Tex.....	267	360	536	70	48.8	50	94	196	2.61
Bakersfield, Calif.....	292	330	403	97	22.1	21	87	140	2.82
Baltimore, Md.....	1,804	2,071	2,174	14	5.0	557	21	757	2.80
Baton Rouge, La.....	300	376	494	80	31.5	138	8	164	2.92
Beaumont-Port Arthur-Orange, Tex.....	331	348	375	104	8.0	82	13	132	2.81
Binghamton, N.Y.-Pa.....	284	303	301	126	-4	3	2	106	2.76
Birmingham, Ala.....	747	767	847	45	10.4	240	6	304	2.75
Boston, Mass.....	2,688	2,899	2,763	10	-4.7	160	66	991	2.69
Bridgeport, Conn.....	350	402	395	98	-1.6	35	31	137	2.83
Brownsville-Harlingen-San Benito, Tex.....	151	140	210	166	49.4	1	162	58	3.56
Buffalo, N.Y.....	1,307	1,349	1,243	31	-7.9	114	16	445	2.73
Canton, Ohio.....	361	394	404	96	2.7	24	3	143	2.78
Charleston-North Charleston, S.C.....	279	336	430	91	28.0	133	6	138	2.98
Charleston, W. Va.....	276	257	270	142	4.8	14	1	99	2.69
Charlotte-Gastonia, N.C.....	444	558	637	61	14.2	139	6	226	2.76
Chattanooga, Tenn.-Ga.....	340	371	427	92	15.0	60	3	151	2.77
Chicago, Ill.....	6,221	6,977	7,102	3	1.8	1,428	581	2,486	2.80
Cincinnati, Ohio-Ky.-Ind.....	1,268	1,387	1,401	27	1.0	174	8	499	2.76
Cleveland, Ohio.....	1,909	2,064	1,899	19	-8.0	346	26	694	2.70
Colorado Springs, Colo.....	146	239	317	120	32.7	19	25	111	2.73
Columbia, S.C.....	261	323	408	95	26.4	118	5	133	2.83
Columbus, Ga.-Ala.....	218	239	239	156	3	84	6	76	2.82
Columbus, Ohio.....	845	1,018	1,093	35	7.4	135	8	397	2.66
Corpus Christi, Tex.....	267	285	326	114	14.5	13	158	105	3.08
Dallas-Ft. Worth, Tex.....	1,738	2,378	2,975	8	25.1	419	252	1,076	2.72
Davenport-Rock Is.-Moline, Iowa-Ill.....	319	363	384	100	5.9	17	12	138	2.73
Dayton, Ohio.....	727	853	830	47	-2.6	105	6	300	2.71
Daytona Beach, Fla.....	125	169	259	149	52.7	29	4	106	2.39
Denver-Boulder, Colo.....	935	1,240	1,620	22	30.7	78	173	609	2.61
Des Moines, Iowa.....	287	314	338	111	7.8	14	5	126	2.61
Detroit, Mich.....	3,950	4,435	4,353	5	-1.9	890	72	1,509	2.85
Duluth-Superior, Minn.-Wis.....	277	266	267	143	.5	1	1	98	2.64
El Paso, Tex.....	314	359	480	82	33.6	18	297	141	3.32
Erie, Pa.....	251	264	280	135	6.1	12	2	97	2.81
Eugene-Springfield, Oreg.....	163	215	275	138	27.8	2	6	104	2.59
Evansville, Ind.-Ky.....	272	285	309	123	8.6	16	1	114	2.67
Fayetteville, N.C.....	148	212	247	153	16.6	76	9	75	2.98
Flint, Mich.....	428	509	522	77	2.5	79	8	178	2.91
Fort Lauderdale-Hollywood, Fla.....	334	620	1,014	37	63.5	114	40	415	2.42
Fort Myers-Cape Coral, Fla.....	55	105	205	168	95.1	16	6	83	2.46
Fort Smith, Ark.-Okla.....	135	160	203	169	26.7	7	2	73	2.73
Fort Wayne, Ind.....	306	362	383	101	5.8	26	6	134	2.81
Fresno, Calif.....	366	413	515	78	24.6	25	151	179	2.83
Gary-Hammond-East Chicago, Ind.....	574	633	643	58	1.5	126	47	214	2.96
Grand Rapids, Mich.....	462	539	602	64	11.6	32	14	206	2.84
Greensboro-Winston-Salem-High Point, N.C.....	622	724	827	48	14.3	160	6	299	2.70
Greenville-Spartanburg, S.C.....	413	473	569	68	20.1	98	4	197	2.79
Hamilton-Middletown, Ohio.....	199	226	259	148	14.4	12	1	88	2.81
Harrisburg, Pa.....	372	411	446	88	8.7	34	5	163	2.65
Hartford, Conn.....	588	721	726	54	.8	62	34	258	2.74
Honolulu, Hawaii.....	500	631	763	52	21.0	17	55	230	3.15
Houston, Tex.....	1,430	1,999	2,905	9	45.3	529	425	1,027	2.79
Huntington-Ashland, W. Va.-Ky.-Ohio.....	284	287	311	122	8.5	7	1	111	2.76

See footnotes at end of table.

NO. 23. LARGE METROPOLITAN AREAS—POPULATION, 1960 TO 1980, AND HOUSEHOLDS, 1980—
Continued

[See headnote, p. 18]

METROPOLITAN AREA	POPULATION							HOUSEHOLDS, 1980	
	1960 (1,000)	1970 (1,000)	1980					Total (1,000)	Per- sons per house- hold
			Total (1,000)	Rank	Percent change, 1970- 1980	Black (1,000)	Span- ish ori- gin ¹ (1,000)		
Huntsville, Ala.....	202	282	309	124	9.3	47	3	106	2.85
Indianapolis, Ind.....	944	1,111	1,167	34	5.0	157	9	419	2.74
Jackson, Miss.....	221	259	320	117	23.8	126	2	108	2.88
Jacksonville, Fla.....	530	622	738	53	18.6	158	13	264	2.73
Jersey City, N.J.....	611	608	557	69	-8.4	70	145	208	2.65
Johnson City-Kingsport-Bristol, Tenn.-Va.....	347	374	434	90	16.1	9	2	154	2.76
Johnstown, Pa.....	281	263	265	146	.6	3	1	92	2.81
Kalamazoo-Portage, Mich.....	218	258	279	137	8.3	21	4	99	2.72
Kansas City, Mo.-Kans.....	1,109	1,274	1,327	29	4.2	173	32	493	2.66
Killeen-Temple, Tex.....	118	160	215	164	34.3	37	22	67	2.85
Knoxville, Tenn.....	377	409	477	83	16.4	33	3	175	2.65
Lakeland-Winter Haven, Fla.....	195	229	322	116	40.8	48	10	114	2.70
Lancaster, Pa.....	278	320	362	108	13.2	7	9	124	2.83
Lansing-East Lansing, Mich.....	342	424	468	84	10.4	25	14	159	2.80
Las Vegas, Nev.....	127	273	462	85	69.0	46	35	174	2.63
Lawrence-Haverhill, Mass.-N.H.....	218	259	282	133	9.1	2	12	99	2.81
Lexington-Fayette, Ky.....	212	267	318	119	19.3	35	2	114	2.67
Lima, Ohio.....	197	210	218	162	3.9	11	3	75	2.87
Little Rock-North Little Rock, Ark.....	272	323	393	99	21.7	83	4	142	2.71
Long Branch-Asbury Park, N.J.....	334	462	503	79	8.9	43	13	170	2.90
Lorain-Elyria, Ohio.....	218	257	275	139	7.0	20	13	91	2.98
Los Angeles-Long Beach, Calif.....	6,039	7,042	7,478	2	6.2	944	2,066	2,731	2.69
Louisville, Ky.-Ind.....	754	867	906	43	4.5	118	5	324	2.75
Lowell, Mass.....	167	218	233	157	6.9	2	5	74	3.06
Lubbock, Tex.....	156	179	212	165	18.0	16	41	73	2.76
Macon, Ga.....	197	227	255	150	12.3	84	2	86	2.88
Madison, Wis.....	222	290	324	115	11.5	6	3	121	2.56
McAllen-Pharr-Edinburg, Tex.....	181	182	283	132	56.0	1	230	76	3.71
Melbourne-Titusville-Cocoa, Fla.....	111	230	273	140	18.7	24	5	102	2.64
Memphis, Tenn.-Ark.-Miss.....	727	834	913	42	9.4	364	8	312	2.86
Miami, Fla.....	935	1,268	1,626	21	28.3	280	581	610	2.63
Milwaukee, Wis.....	1,279	1,404	1,397	28	- .5	151	34	501	2.73
Minneapolis-St. Paul, Minn.-Wis.....	1,598	1,965	2,114	15	7.6	50	23	763	2.71
Mobile, Ala.....	363	377	443	89	17.6	127	5	150	2.91
Modesto, Calif.....	157	195	266	144	36.7	3	40	95	2.78
Montgomery, Ala.....	218	226	273	141	20.7	94	3	93	2.86
Nashville-Davidson, Tenn.....	597	699	851	44	21.6	137	6	302	2.73
Nassau-Suffolk, N.Y.....	1,967	2,556	2,606	11	2.0	162	102	809	3.16
Newark, N.J.....	1,833	2,057	1,965	17	-4.5	418	132	677	2.86
New Brunswick-Perth Amboy-Sayreville, N.J.....	434	584	596	65	2.1	36	34	197	2.93
Newburgh-Middletown, N.Y.....	184	222	260	147	17.1	16	11	84	2.95
New Haven-West Haven, Conn.....	359	411	418	93	1.5	50	13	150	2.69
New London-Norwich, Conn.-R.I.....	196	242	249	152	2.8	9	5	86	2.77
New Orleans, La.....	907	1,046	1,187	33	13.4	387	48	418	2.79
Newport News-Hampton, Va.....	255	333	364	107	9.4	104	5	124	2.81
New York, N.Y.-N.J.....	9,540	9,974	9,120	1	-8.6	1,940	1,493	3,498	2.56
Norfolk-Virginia Beach-Portsmouth, Va.-N.C.....	629	733	807	49	10.1	223	14	266	2.86
Northeast, Pa.....	621	622	640	60	3.0	4	3	233	2.68
Oklahoma City, Okla.....	566	699	834	46	19.3	75	19	312	2.61
Omaha, Nebr.-Iowa.....	458	543	570	67	5.1	44	12	203	2.74
Orlando, Fla.....	338	453	701	55	54.6	91	26	253	2.70
Oxnard-Simi Valley-Ventura, Calif.....	199	378	530	75	40.0	11	113	173	3.00
Paterson-Clifton-Passaic, N.J.....	407	461	448	87	-2.9	59	62	153	2.87
Pensacola, Fla.....	203	243	290	131	19.2	48	5	100	2.82
Peoria, Ill.....	313	342	366	106	7.0	22	3	131	2.74
Philadelphia, Pa.-N.J.....	4,343	4,824	4,717	4	-2.2	884	116	1,639	2.81
Phoenix, Ariz.....	664	971	1,508	26	55.3	48	199	544	2.73
Pittsburgh, Pa.....	2,405	2,401	2,264	13	-5.7	176	12	829	2.68
Portland, Oreg.-Wash.....	822	1,007	1,242	32	23.3	33	24	477	2.56
Poughkeepsie, N.Y.....	176	222	245	155	10.2	17	6	81	2.84
Providence-Warwick-Pawtucket, R.I.-Mass.....	821	909	919	41	1.1	25	19	328	2.70
Provo-Orem, Utah.....	107	138	218	163	58.3	(2)	5	59	3.59
Raleigh-Durham, N.C.....	324	419	531	73	26.6	134	4	189	2.63
Reading, Pa.....	275	296	313	121	5.4	8	9	115	2.66
Richmond, Va.....	462	548	632	63	15.4	175	5	227	2.70

See footnotes at end of table.

NO. 23. LARGE METROPOLITAN AREAS—POPULATION, 1960 TO 1980, AND HOUSEHOLDS, 1980— Continued

[See headnote, p. 18]

METROPOLITAN AREA	POPULATION							HOUSEHOLDS, 1980	
	1960 (1,000)	1970 (1,000)	1980					Total (1,000)	Persons per house- hold
			Total (1,000)	Rank	Percent change, 1970- 1980	Black (1,000)	Span- ish ori- gin ¹ (1,000)		
Riverside-San Bernardino-Ontario, Calif.....	810	1,139	1,557	25	36.7	79	290	551	2.76
Roanoke, Va.....	179	203	225	161	10.5	26	1	83	2.62
Rochester, N.Y.....	801	962	972	39	1.1	78	19	342	2.75
Rockford, Ill.....	230	272	280	136	2.7	21	7	99	2.78
Sacramento, Calif.....	626	804	1,014	38	26.2	61	102	384	2.58
Saginaw, Mich.....	191	220	228	160	3.8	36	12	76	2.96
Salem, Oreg.....	147	187	250	151	33.9	1	11	91	2.64
Salinas-Seaside-Monterey, Calif.....	198	247	290	130	17.4	19	75	96	2.85
Salt Lake City, Utah.....	576	705	936	40	32.7	9	47	297	3.11
San Antonio, Tex.....	736	888	1,072	36	20.7	73	482	349	2.97
San Diego, Calif.....	1,033	1,358	1,862	20	37.1	104	275	670	2.62
San Francisco-Oakland, Calif.....	2,649	3,109	3,253	6	4.6	391	352	1,281	2.48
San Jose, Calif.....	642	1,065	1,295	30	21.6	44	227	459	2.76
Santa Barbara-Santa Maria-Lompoc, Calif.....	169	264	299	128	13.0	8	55	109	2.62
Santa Rosa, Calif.....	147	205	300	127	46.3	3	21	115	2.56
Sarasota, Fla.....	77	120	202	170	68.0	10	3	89	2.25
Savannah, Ga.....	205	208	231	158	10.9	83	2	80	2.82
Seattle-Everett, Wash.....	1,107	1,425	1,607	23	12.8	58	32	618	2.54
Shreveport, La.....	321	336	377	103	12.1	124	6	133	2.78
Shure Bend, Ind.....	271	280	281	134	.3	22	4	100	2.70
Spokane, Wash.....	278	287	342	110	18.9	4	5	128	2.58
Springfield-Chicopee-Holyoke, Mass.-Conn.....	504	542	531	74	-2.0	29	24	188	2.72
Springfield, Mo.....	126	168	208	167	23.6	3	1	77	2.57
St. Louis, Mo.-Ill.....	2,144	2,411	2,355	12	-2.3	408	22	838	2.77
Stockton, Calif.....	250	291	347	109	19.3	19	67	125	2.71
Syracuse, N.Y.....	564	637	642	59	.9	31	6	224	2.77
Tacoma, Wash.....	322	412	486	81	17.8	30	13	174	2.66
Tampa-St. Petersburg, Fla.....	809	1,089	1,569	24	44.2	146	79	639	2.41
Toledo, Ohio-Mich.....	695	763	792	51	3.8	68	20	278	2.78
Trenton, N.J.....	266	304	308	125	1.2	56	11	106	2.77
Tucson, Ariz.....	266	352	531	72	51.1	15	111	195	2.66
Tulsa, Okla.....	475	549	690	56	25.6	51	10	258	2.63
Utica-Rome, N.Y.....	331	340	320	118	-6.0	8	3	112	2.77
Vallejo-Fairfield-Napa, Calif.....	200	251	334	112	33.2	29	33	117	2.74
Visalia-Tulare-Porterville, Calif.....	168	188	246	154	30.5	4	73	81	2.99
Washington, D.C.-Md.-Va.....	2,097	2,910	3,060	7	5.2	853	93	1,113	2.69
Waterbury, Conn.....	191	217	228	159	5.2	13	8	80	2.79
West Palm Beach-Boca Raton, Fla.....	228	349	573	66	64.2	77	28	233	2.42
Wichita, Kans.....	382	389	411	94	5.6	32	12	154	2.63
Wilmington, Del.-N.J.-Md.....	415	499	524	76	4.9	73	9	181	2.82
Worcester, Mass.....	354	372	373	105	.2	5	8	131	2.74
York, Pa.....	290	330	381	102	15.7	10	3	135	2.78
Youngstown-Warren, Ohio.....	509	537	531	71	-1.1	56	7	187	2.82
Ponce, Puerto Rico.....	192	214	253	(x)	18.4	(x)	(x)	65	3.87
San Juan, Puerto Rico.....	696	937	1,086	(x)	16.0	(x)	(x)	312	3.45
STANDARD CONSOLIDATED STATISTICAL AREA (SCSA) ²									
Boston-Lawrence-Lowell, Mass.-N.H.....	3,193	3,526	3,448	(x)	-2.2	170	87	1,220	2.73
Chicago-Gary-Kenosha, Ill.-Ind.-Wis.....	6,895	7,726	7,868	(x)	1.8	1,557	631	2,744	2.82
Cincinnati-Hamilton, Ohio-Ky.-Ind.....	1,468	1,613	1,660	(x)	2.9	186	9	587	2.77
Cleveland-Akron-Lorain, Ohio.....	2,732	3,000	2,834	(x)	-5.5	426	43	1,019	2.74
Dayton-Springfield, Ohio.....	888	1,040	1,014	(x)	-2.5	119	7	365	2.72
Detroit-Ann Arbor, Mich.....	4,122	4,669	4,618	(x)	-1.1	919	76	1,602	2.84
Houston-Galveston, Tex.....	1,571	2,169	3,101	(x)	43.0	565	448	1,096	2.79
Indianapolis-Anderson, Ind.....	1,070	1,250	1,306	(x)	4.5	167	10	469	2.73
Los Angeles-Long Beach-Anaheim, Calif.....	7,752	9,981	11,496	(x)	15.2	1,059	2,755	4,141	2.72
Miami-Fort Lauderdale, Fla.....	1,269	1,888	2,640	(x)	39.8	394	621	1,025	2.55
Milwaukee-Racine, Wis.....	1,421	1,575	1,570	(x)	-3	165	42	560	2.74
New York-Newark-Jersey City, N.Y.-N.J.-Conn.....	15,405	17,035	16,120	(x)	-5.4	2,756	1,994	5,829	2.72
Philadelphia-Wilmington-Trenton, Pa.-Del.-Md.-N.J.....	5,024	5,628	5,549	(x)	-1.4	1,013	135	1,926	2.81
Providence-Fall River, R.I.-Mass.....	973	1,078	1,096	(x)	1.6	26	22	391	2.72
San Francisco-Oakland-San Jose, Calif.....	3,639	4,631	5,182	(x)	11.9	467	633	1,971	2.57
Seattle-Tacoma, Wash.....	1,429	1,837	2,092	(x)	13.9	88	45	792	2.57
San Juan-Caguas, Puerto Rico.....	805	1,078	1,260	(x)	16.9	(x)	(x)	358	3.49

X Not applicable. Z Less than 500. ¹ Persons of Spanish origin may be of any race. ² See Appendix II for component SMSA's.

Source: U.S. Bureau of the Census, *Census of Population, 1970, Characteristics of the Population*, Part 1, *United States Summary*; and *1980 Census of Population, Supplementary Reports*, series PC80-S1-5.

No. 24. CITIES WITH 100,000 INHABITANTS OR MORE IN 1980—POPULATION, 1960 TO 1980, AND HOUSEHOLDS, 1980

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

CITY	POPULATION										HOUSEHOLDS, 1980	
	1960		1970		1980						Total (1,000)	Persons per household
	Total (1,000)	Percent Black	Total 1 (1,000)	Percent Black 2	Total (1,000)	Rank	Percent change, 1970-1980	Black		Spanish origin 3 (1,000)		
								Total (1,000)	Percent of total			
Akron, Ohio.....	290	13.0	275	17.5	237	58	-13.9	53	22.2	2	91	2.56
Albany, N.Y.....	130	8.3	116	12.2	102	164	-12.1	16	16.1	2	41	2.28
Albuquerque, N. Mex.....	201	1.8	245	2.2	332	44	35.7	8	2.5	112	124	2.65
Alexandria, Va.....	91	11.4	111	14.1	103	160	-7.0	23	22.3	4	49	2.07
Allentown, Pa.....	108	.7	110	1.8	104	155	-5.6	3	3.1	5	41	2.42
Amarillo, Tex.....	138	5.6	127	5.3	149	107	17.5	8	5.5	14	56	2.63
Anaheim, Calif.....	104	(2)	166	(2)	222	62	33.3	3	1.2	38	81	2.72
Anchorage, Alaska 4.....	44	5.1	48	5.9	173	79	259.8	9	5.3	5	60	2.80
Ann Arbor, Mich.....	67	4.7	100	6.7	107	146	7.3	10	9.3	2	39	2.42
Arlington, Tex.....	45	.8	90	.6	160	94	77.5	5	2.9	7	59	2.69
Atlanta, Ga.....	487	38.3	495	51.3	425	29	-14.1	283	66.6	6	163	2.51
Aurora, Colo.....	49	.6	75	1.2	159	96	111.5	11	6.9	8	59	2.67
Austin, Tex.....	187	13.1	254	11.8	345	42	36.3	42	12.2	65	134	2.45
Bakersfield, Calif.....	57	14.5	70	13.3	106	152	51.9	11	10.6	16	40	2.62
Baltimore, Md.....	939	34.7	906	46.4	787	10	-13.1	431	54.8	8	281	2.74
Baton Rouge, La.....	152	29.8	166	27.8	219	63	32.3	80	36.5	4	79	2.67
Beaumont, Tex.....	119	29.3	118	30.7	118	131	.5	43	36.6	4	43	2.68
Berkeley, Calif.....	111	19.6	114	23.5	103	156	-9.4	21	20.1	5	45	2.11
Birmingham, Ala.....	341	39.6	301	42.0	284	50	-5.5	158	55.6	2	107	2.61
Boise City, Idaho.....	34	.6	75	.4	102	162	36.6	1	.5	2	40	2.50
Boston, Mass.....	697	9.1	641	16.3	563	20	-12.2	126	22.4	36	218	2.40
Bridgeport, Conn.....	157	9.8	157	16.3	143	110	-8.9	30	21.0	27	52	2.65
Buffalo, N.Y.....	533	13.3	463	20.4	358	39	-22.7	95	26.6	9	141	2.46
Cedar Rapids, Iowa.....	92	1.2	111	1.6	110	141	-4.3	3	2.3	1	42	2.58
Charlotte, N.C.....	202	27.9	241	30.3	314	47	30.2	98	31.0	3	118	2.64
Chattanooga, Tenn.....	130	33.2	120	35.8	170	87	41.4	54	31.7	1	62	2.63
Chesapeake, Va. 5.....	(x)	(x)	90	23.1	114	137	27.5	32	27.6	1	36	3.11
Chicago, Ill.....	3,550	22.9	3,369	32.7	3,005	2	-10.8	1,197	39.8	422	1,093	2.71
Cincinnati, Ohio.....	503	21.6	454	27.6	385	32	-15.0	130	33.8	3	158	2.35
Cleveland, Ohio.....	876	28.6	751	38.3	574	18	-23.6	251	43.8	18	218	2.58
Colorado Springs, Colo.....	70	4.5	136	5.2	215	66	58.8	12	5.6	18	81	2.59
Columbus, Ga. 6.....	117	26.7	155	26.2	169	88	9.3	58	34.2	4	59	2.76
Columbus, Ohio.....	471	16.4	540	18.5	565	19	4.6	125	22.1	5	217	2.49
Concord, Calif.....	36	.3	85	.3	103	159	21.2	2	1.7	7	38	2.68
Corpus Christi, Tex.....	168	6.5	205	5.1	232	60	13.4	12	5.1	108	77	2.98
Dallas, Tex.....	680	19.0	844	24.9	904	7	7.1	266	29.4	111	355	2.51
Davenport, Iowa.....	89	2.0	98	4.2	103	158	4.9	6	6.1	3	38	2.65
Dayton, Ohio.....	262	21.8	243	30.5	204	70	-16.2	75	36.9	2	78	2.51
Denver, Colo.....	494	6.1	515	9.1	491	24	-4.5	59	12.1	92	211	2.27
Des Moines, Iowa.....	209	4.9	201	5.7	191	74	-5.2	13	6.8	4	75	2.46
Detroit, Mich.....	1,670	28.9	1,514	43.7	1,203	6	-20.5	759	63.1	29	433	2.73
Durham, N.C.....	78	36.1	95	38.8	101	167	5.7	47	47.1	1	38	2.46
Elizabeth, N.J.....	108	10.9	113	15.5	106	149	-5.7	19	18.2	28	39	2.69
El Paso, Tex.....	277	(z)	322	2.3	425	28	32.0	13	3.2	266	128	3.28
Erie, Pa.....	138	4.8	129	6.6	119	130	-7.8	12	9.7	1	44	2.66
Eugene, Oreg.....	51	.4	79	.8	106	151	33.7	1	1.1	2	42	2.36
Evansville, Ind.....	142	6.6	139	7.3	130	122	-6.0	12	8.8	1	51	2.46
Flint, Mich.....	197	17.5	193	28.1	160	95	-17.4	66	41.4	4	58	2.74
Fort Lauderdale, Fla.....	84	23.3	140	14.6	153	101	9.8	32	21.0	6	68	2.22
Fort Wayne, Ind.....	162	7.2	178	10.6	172	80	-3.4	25	14.6	4	66	2.55
Fort Worth, Tex.....	356	15.8	393	19.9	385	33	-2.1	88	22.8	49	144	2.60
Fremont, Calif.....	44	(z)	101	(z)	132	119	30.8	3	2.5	18	44	2.96
Fresno, Calif.....	134	7.8	166	9.6	218	65	31.7	21	9.5	51	82	2.59
Fullerton, Calif.....	56	.5	86	.8	102	163	18.7	2	1.6	14	38	2.64
Garden Grove, Calif.....	84	(z)	121	(z)	123	127	1.8	1	.8	17	42	2.93
Garland, Tex.....	39	3.8	81	3.7	139	115	70.5	7	5.3	9	46	3.01
Gary, Ind.....	178	38.8	175	52.8	152	104	-13.4	108	70.8	11	49	3.06
Glendale, Calif.....	119	.1	133	(z)	139	114	4.8	(z)	.3	25	59	2.30
Grand Rapids, Mich.....	177	8.0	198	11.3	182	76	-8.0	29	15.7	6	66	2.63
Greensboro, N.C.....	120	25.8	144	28.2	156	100	8.0	51	33.0	1	57	2.58
Hampton, Va.....	89	21.1	121	25.4	123	128	1.5	42	34.3	2	42	2.83

See footnotes at end of table.

**NO. 24. CITIES WITH 100,000 INHABITANTS OR MORE IN 1980—POPULATION, 1960 TO 1980, AND
HOUSEHOLDS, 1980—CONTINUED**

[See headnote, p. 21]

CITY	POPULATION										HOUSEHOLDS, 1980	
	1960		1970		1980						Total (1,000)	Persons per house- hold
	Total (1,000)	Per- cent Black	Total ¹ (1,000)	Per- cent Black ²	Total (1,000)	Rank	Percent change, 1970- 1980	Black		Span- ish ori- gin ³ (1,000)		
								Total (1,000)	Per- cent of total			
Hartford, Conn.....	162	15.3	158	27.9	136	117	-13.7	46	33.9	28	51	2.53
Hialeah, Fla.....	67	1.3	102	1.1	145	108	41.8	2	1.5	108	48	2.99
Hollywood, Fla.....	35	6.3	107	3.7	117	133	9.7	5	4.2	6	49	2.40
Honolulu, Hawaii ⁷	294	.4	325	.7	365	36	12.4	17	2.2	55	127	2.79
Houston, Tex.....	938	22.9	1,234	25.7	1,594	5	29.2	440	27.6	281	602	2.62
Huntington Beach, Calif.....	11	(2)	116	(2)	171	85	47.0	1	.7	13	61	2.78
Huntsville, Ala.....	72	13.8	139	12.1	143	111	2.3	30	20.7	1	50	2.78
Independence, Mo.....	62	1.1	112	.6	112	140	.2	1	.7	2	42	2.62
Indianapolis, Ind. ⁸	476	20.6	737	18.0	701	12	-4.9	153	21.8	6	260	2.65
Irving, Tex.....	46	(2)	97	1.0	110	142	13.0	2	1.5	3	40	2.70
Jackson, Miss.....	144	35.7	154	39.7	203	71	31.8	95	47.0	2	71	2.76
Jacksonville, Fla. ⁹	201	23.2	504	22.3	541	22	7.3	137	25.4	10	196	2.70
Jersey City, N.J.....	276	13.3	260	21.0	224	61	-14.1	62	27.7	42	81	2.74
Kansas City, Kans.....	122	23.1	168	20.4	161	93	-4.2	41	25.3	8	60	2.68
Kansas City, Mo.....	476	17.5	507	22.1	448	27	-11.7	123	27.4	15	175	2.51
Knoxville, Tenn.....	112	18.5	175	12.7	183	75	4.9	26	14.1	1	72	2.41
Lakewood, Colo. ¹⁰	(x)	(x)	93	.1	113	138	21.7	1	.5	7	41	2.70
Lansing, Mich.....	108	6.3	131	9.3	130	123	-.8	18	13.9	8	50	2.61
Las Vegas, Nev.....	64	15.0	126	11.2	165	89	30.9	21	12.8	13	62	2.63
Lexington-Fayette, Ky. ¹¹	63	25.8	108	17.0	204	68	88.8	27	13.3	1	75	2.56
Lincoln, Nebr.....	129	1.5	150	1.5	172	81	15.0	3	2.0	3	65	2.46
Little Rock, Ark.....	108	23.5	132	25.0	158	98	19.6	51	32.2	1	61	2.55
Livonia, Mich.....	67	(2)	110	(2)	105	153	-4.8	(2)	.1	1	33	3.18
Long Beach, Calif.....	344	2.8	359	5.3	361	37	.7	41	11.3	51	152	2.31
Los Angeles, Calif.....	2,479	13.5	2,812	17.9	2,967	3	5.5	505	17.0	816	1,135	2.55
Louisville, Ky.....	391	17.9	362	23.8	298	49	-17.5	84	28.2	2	117	2.48
Lubbock, Tex.....	129	8.0	149	7.3	174	78	16.7	14	8.2	33	61	2.70
Macon, Ga.....	70	44.3	122	37.3	117	134	-4.5	52	44.5	1	42	2.71
Madison, Wis.....	127	1.2	172	1.5	171	84	-.7	5	2.7	2	66	2.38
Memphis, Tenn.....	498	37.0	624	38.9	646	14	3.6	308	47.6	5	230	2.76
Mesa, Ariz.....	34	2.2	63	1.2	152	102	141.8	2	1.2	14	54	2.80
Miami, Fla.....	292	22.4	335	22.7	347	41	3.6	87	25.1	194	134	2.54
Milwaukee, Wis.....	741	8.4	717	14.7	636	17	-11.3	147	23.1	26	242	2.56
Minneapolis, Minn.....	483	2.4	434	4.4	371	34	-14.6	28	7.7	5	162	2.19
Mobile, Ala.....	195	32.4	190	35.4	200	72	5.5	73	36.2	2	71	2.75
Modesto, Calif.....	87	1.6	62	1.9	106	150	71.9	2	2.0	11	39	2.67
Montgomery, Ala.....	134	35.1	133	33.4	178	77	33.6	70	39.2	2	63	2.76
Nashville-Davidson, Tenn. ¹²	171	19.1	426	19.6	456	25	7.0	106	23.3	4	170	2.57
New Haven, Conn.....	152	14.5	138	26.3	126	125	-8.4	40	31.9	10	47	2.48
New Orleans, La.....	628	37.2	593	45.0	557	21	-6.1	308	55.3	19	206	2.63
New York, N.Y.....	7,782	14.0	7,896	21.1	7,071	1	-10.4	1,784	25.2	1,406	2,788	2.45
Bronx Borough.....	1,425	11.5	1,472	24.3	1,169	(x)	-20.6	372	31.8	397	429	2.66
Brooklyn Borough.....	2,627	14.1	2,602	25.2	2,231	(x)	-14.3	723	32.4	392	828	2.67
Manhattan Borough.....	1,698	23.4	1,539	24.7	1,428	(x)	-7.3	310	21.7	336	704	1.96
Queens Borough.....	1,810	8.1	1,987	13.0	1,891	(x)	-4.8	354	18.7	262	712	2.63
Staten Island Borough.....	222	4.4	295	5.3	352	(x)	19.2	26	7.3	19	115	3.00
Newark, N.J.....	405	34.1	382	54.2	329	46	-13.8	192	58.2	61	111	2.93
Newport News, Va.....	114	34.0	138	28.4	145	109	4.9	46	31.5	3	51	2.73
Norfolk, Va.....	305	25.8	308	28.3	267	55	-13.3	94	35.2	6	88	2.65
Oakland, Calif.....	368	22.8	362	34.5	339	43	-6.2	159	46.9	32	142	2.34
Oklahoma City, Okla.....	324	11.6	368	13.7	403	31	9.5	59	14.6	11	160	2.48
Omaha, Nebr.....	302	8.3	347	9.9	312	48	-10.2	38	12.1	7	117	2.59
Orlando, Fla.....	86	23.3	99	29.5	128	124	29.7	38	29.9	5	48	2.52
Oxnard, Calif.....	40	4.6	71	6.0	108	145	51.9	7	6.1	48	33	3.23
Pasadena, Calif.....	116	12.5	113	16.1	119	129	5.7	25	20.6	22	47	2.42
Pasadena, Tex.....	59	(2)	90	.1	113	139	25.1	1	.8	19	39	2.88
Paterson, N.J.....	144	14.7	145	26.9	138	116	-4.7	47	34.1	40	46	2.96
Peoria, Ill.....	103	9.3	127	11.5	124	126	-2.2	21	16.7	2	46	2.57
Philadelphia, Pa.....	2,003	26.4	1,949	33.6	1,688	4	-13.4	639	37.8	64	620	2.66
Phoenix, Ariz. ¹³	439	4.8	584	4.8	790	9	35.2	38	4.9	116	276	2.73
Pittsburgh, Pa.....	604	16.7	520	20.2	424	30	-18.5	102	24.0	3	166	2.44
Portland, Ore.....	373	4.2	383	5.6	366	35	-3.6	28	7.6	8	159	2.29
Portsmouth, Va.....	115	34.2	111	39.9	105	154	-5.8	47	45.1	1	37	2.75

See footnotes at end of table.

**NO. 24. CITIES WITH 100,000 INHABITANTS OR MORE IN 1980—POPULATION, 1960 TO 1980, AND
HOUSEHOLDS, 1980—Continued**

[See headnote, p. 21]

CITY	POPULATION										HOUSEHOLDS, 1980	
	1960		1970		1980							
	Total (1,000)	Per- cent Black	Total ¹ (1,000)	Per- cent Black ²	Total (1,000)	Rank	Per- cent change, 1970- 1980	Black		Span- ish ori- gin ³ (1,000)	Total (1,000)	Per- sons per house- hold
								Total (1,000)	Per- cent of total			
Providence, R.I.	207	5.4	179	8.9	157	99	-12.5	19	11.8	9	60	2.44
Pueblo, Colo.	91	2.2	98	2.1	102	165	4.0	2	2.1	36	37	2.66
Raleigh, N.C.	94	23.4	123	22.7	150	106	21.9	41	27.5	1	55	2.46
Reno, Nev.	51	1.9	73	2.2	101	168	38.3	3	2.7	5	44	2.24
Richmond, Va.	220	41.8	249	42.0	219	64	-12.1	112	51.3	2	86	2.43
Riverside, Calif.	84	4.7	140	5.2	171	83	22.0	12	6.9	28	61	2.75
Roanoke, Va.	97	17.0	92	19.3	100	169	9.0	22	21.9	1	40	2.47
Rochester, N.Y.	319	7.4	295	16.8	242	57	-18.1	62	25.8	13	95	2.45
Rockford, Ill.	127	4.2	147	8.3	140	113	-5.2	18	13.2	4	52	2.61
Sacramento, Calif.	192	6.3	257	10.7	276	52	7.2	37	13.4	39	113	2.39
St. Louis, Mo.	750	28.6	622	40.9	453	26	-27.2	206	45.6	6	178	2.49
St. Paul, Minn.	313	2.6	310	3.5	270	54	-12.8	13	4.9	8	106	2.44
St. Petersburg, Fla.	181	13.3	216	14.8	237	59	9.6	41	17.3	4	103	2.24
Salt Lake City, Utah	189	.8	176	1.2	163	90	-7.3	3	1.5	12	68	2.35
San Antonio, Tex.	588	7.1	654	7.6	785	11	20.1	58	7.3	422	259	2.97
San Bernardino, Calif.	92	8.8	107	14.0	118	132	10.5	18	14.9	30	43	2.63
San Diego, Calif.	573	6.0	697	7.6	876	8	25.5	78	8.9	131	321	2.53
San Francisco, Calif.	740	10.0	716	13.4	679	13	-5.1	86	12.7	83	299	2.19
San Jose, Calif.	204	1.0	460	2.5	637	16	38.4	29	4.6	141	212	2.96
Santa Ana, Calif.	100	1.8	156	4.3	204	69	30.8	8	4.0	91	64	3.12
Savannah, Ga.	149	35.5	118	44.9	142	112	19.7	69	49.0	2	51	2.73
Seattle, Wash.	557	4.8	531	7.1	494	23	-7.0	47	9.5	13	219	2.15
Shreveport, La.	164	34.4	182	34.1	206	67	13.0	85	41.1	3	75	2.72
South Bend, Ind.	132	9.8	126	14.1	110	143	-12.6	20	16.3	3	42	2.56
Spokane, Wash.	182	1.3	171	1.3	171	82	.5	3	1.6	3	71	2.35
Springfield, Mass.	174	7.5	164	12.6	152	103	-7.1	25	16.6	14	55	2.66
Springfield, Mo.	96	2.4	120	2.0	133	118	10.8	3	2.1	1	52	2.40
Stamford, Conn.	93	8.0	109	12.3	102	161	-5.8	15	15.0	6	38	2.65
Sterling Heights, Mich. ¹⁰	(x)	(x)	61	.1	109	144	77.6	(z)	.2	1	34	3.20
Stockton, Calif.	86	8.5	110	11.0	150	105	36.2	16	10.4	33	55	2.62
Sunnyvale, Calif.	53	.1	96	.8	107	148	11.1	3	2.4	12	43	2.46
Syracuse, N.Y.	216	5.2	197	10.8	170	86	-13.8	27	15.7	3	67	2.38
Tacoma, Wash.	148	4.0	154	6.8	159	97	2.7	15	9.2	4	63	2.44
Tampa, Fla.	275	16.8	278	19.7	272	53	-2.2	64	23.5	36	106	2.51
Tempe, Ariz.	25	.2	64	.7	107	147	68.0	2	1.8	9	37	2.73
Toledo, Ohio	318	12.6	383	13.8	355	40	-7.4	62	17.4	11	133	2.62
Topeka, Kans.	119	7.7	125	8.4	115	136	-7.8	11	9.5	5	46	2.39
Torrance, Calif.	101	(z)	135	(z)	131	121	-2.6	1	.7	11	50	2.59
Tucson, Ariz.	213	3.3	263	3.5	331	45	25.7	12	3.7	82	125	2.57
Tulsa, Okla.	262	8.6	330	10.6	361	38	9.3	43	11.8	6	145	2.43
Virginia Beach, Va. ¹⁴	8	15.3	172	9.1	262	56	52.3	26	10.0	5	85	2.97
Waco, Tex.	98	18.4	95	19.9	101	166	6.2	22	21.8	11	38	2.51
Warren, Mich.	89	(z)	179	(z)	161	92	-10.1	(z)	.2	1	54	2.99
Washington, D.C.	764	53.9	757	71.1	638	15	-15.7	448	70.3	18	253	2.39
Waterbury, Conn.	107	6.6	108	10.1	103	157	-4.4	12	11.6	7	38	2.67
Wichita, Kans.	255	7.8	277	9.7	279	51	1.0	30	10.8	10	110	2.49
Winston-Salem, N.C.	111	37.1	134	34.3	132	120	-1.3	53	40.2	1	50	2.50
Worcester, Mass.	187	1.1	177	1.9	162	91	-8.4	5	2.9	7	59	2.56
Yonkers, N.Y.	191	4.0	204	6.4	195	73	-4.4	21	10.5	17	74	2.61
Youngstown, Ohio	167	19.0	141	25.2	115	135	-18.1	38	33.3	4	42	2.70

X Not applicable. Z Less than 500 or .05 percent. ¹ 1970 population totals include corrections made after tabulations were completed. ² 1970 percent Black based on uncorrected tabulated data. ³ Persons of Spanish origin may be of any race. ⁴ Anchorage city consolidated with Anchorage Borough September 15, 1975. ⁵ South Norfolk city and Norfolk county consolidated to form Chesapeake January 1, 1963. ⁶ Columbus and the unincorporated balance of Muscogee County consolidated on January 1, 1981. ⁷ 1980 data are for census designated place (essentially the Honolulu Judicial District) which has same boundaries as Honolulu city in 1960 and 1970. ⁸ Indianapolis and the unincorporated balance of Marion County consolidated January 1, 1970. ⁹ Jacksonville and the unincorporated balance of Duval County consolidated October 1, 1968. ¹⁰ City incorporated after 1960 census. ¹¹ Lexington and Fayette County consolidated January 1, 1974. ¹² Nashville and the unincorporated balance of Davidson County consolidated April 1, 1963. ¹³ 1980 population total for Phoenix includes correction. Corrections for race and Spanish data are not available. ¹⁴ Virginia Beach and Princess Anne County consolidated January 1, 1963.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. 1, parts A and B; *1980, Advance Reports, PHC80-V*, and unpublished data.

NO. 25. NATURAL INCREASE AND NET MIGRATION OF RESIDENT POPULATION, BY RACE—STATES:
1960 TO 1970 AND 1970 TO 1975

[In thousands, except percent. For basis of estimates, see p. 2. Minus sign (–) denotes decrease or net outmigration. For composition of regions, see fig. 1, inside front cover. See *Historical Statistics, Colonial Times to 1970*, series C 25–75]

REGION, DIVISION, AND STATE	APRIL 1, 1960 TO APRIL 1, 1970						APRIL 1, 1970 TO JULY 1, 1975					
	White			Black			White			Black		
	Natural in- crease ¹	Net migration ²		Natural in- crease ¹	Net migration ²		Natural in- crease ¹	Net migration ²		Natural in- crease ¹	Net migration ²	
		Num- ber	Per- cent ³		Num- ber	Per- cent ³		Num- ber	Per- cent ³		Num- ber	Per- cent ³
U.S.	16,496	2,284	1.4	3,886	–85	–.5	5,360	1,623	.9	1,614	232	1.0
North.....	8,174	–1,792	–2.0	1,446	995	15.4	2,283	–1,883	–2.0	677	68	.8
South.....	5,045	1,806	4.2	2,132	–1,380	–12.2	1,816	2,395	4.7	797	44	.4
West.....	3,278	2,269	8.8	308	301	27.7	1,262	1,112	3.5	140	119	7.0
N. Eng.	941	205	2.0	73	29.5	40	237	40	.4	36	9	2.3
Maine.....	91	–69	–7.2	1	–2	(b)	28	36	3.6	–	(b)	(b)
N.H.....	61	68	11.2	1	(z)	(b)	24	48	6.6	–	(b)	(b)
Vt.....	39	14	3.5	(z)	(z)	(b)	15	10	2.2	–	(b)	(b)
Mass.....	432	23	.5	31	33	29.5	93	–13	–2	16	19	10.9
R.I.....	72	4	.5	5	2	12.2	17	–38	–4.2	2	–2	–.9
Conn.....	245	166	6.8	35	38	35.4	59	–3	–1	17	–10	–5.7
Mid. Atl.	2,323	–724	–2.3	628	540	19.4	512	–956	–2.9	267	78	2.0
N.Y.....	1,141	–638	–4.2	353	396	27.9	244	–701	–4.4	153	60	2.8
N.J.....	475	336	6.1	135	120	23.3	113	–85	–1.3	64	35	4.5
Pa.....	707	–423	–4.0	139	25	2.9	155	–169	–1.6	50	–18	–1.8
E. No. Cent.	3,524	–617	–1.9	632	356	12.3	1,136	–852	–2.4	323	–15	–.4
Ohio.....	928	–191	–2.1	139	45	5.8	313	–313	–3.2	65	–6	–.6
Ind.....	490	–58	–1.3	56	32	12.0	180	–97	–2.0	28	3	.7
Ill.....	805	–215	–2.4	261	127	12.2	234	–308	–3.2	128	–14	–1.0
Mich.....	872	–124	–1.7	149	124	17.3	289	–163	–2.1	85	3	.3
Wis.....	429	–29	–.8	27	27	36.1	120	29	.6	16	–1	–.6
W. No. Cent.	1,386	–655	–4.4	112	26	4.6	397	–116	–.7	50	–3	–.5
Minn.....	404	–39	–1.2	5	7	33.3	121	–17	–.5	4	1	3.6
Iowa.....	244	–189	–6.9	6	2	6.0	63	–34	–1.2	3	5	14.6
Mo.....	279	–25	–.6	75	14	3.7	79	–26	–.6	33	–6	–1.2
N. Dak.....	74	–94	–15.2	1	1	(b)	20	–5	–.8	–	(b)	(b)
S. Dak.....	69	–92	–14.0	1	(z)	(b)	18	–10	–1.7	–	(b)	(b)
Nebr.....	134	–76	–5.6	9	2	7.3	42	6	.5	4	3	6.4
Kans.....	182	–139	–6.7	16	–1	–.9	53	–29	–1.4	6	–5	–5.1
So. Atl.	2,224	1,807	9.0	1,117	–538	–9.2	728	1,597	6.6	414	143	2.2
Del.....	50	32	8.4	14	4	6.6	16	9	1.9	5	2	1.9
Md.....	329	290	11.3	104	79	15.2	91	–39	–1.2	41	87	12.5
D.C.....	1	–137	–39.7	90	36	8.7	–7	–14	–6.8	27	–53	–9.9
Va.....	409	206	6.5	128	–79	–9.7	144	96	2.6	40	29	3.3
W. Va.....	144	–247	–14.0	4	–20	–22.2	47	8	.5	–	–3	–4.5
N.C.....	412	81	2.4	196	–175	–15.7	148	132	3.4	71	–4	–.4
S.C.....	200	44	2.8	157	–197	–23.8	80	61	3.4	57	21	2.7
Ga.....	372	198	7.0	223	–154	–13.7	151	83	2.4	86	16	1.3
Fla.....	307	1,340	33.0	200	–32	–3.6	58	1,261	22.0	88	49	4.7
E. So. Cent.	991	–153	–1.6	458	–560	–20.8	357	247	2.4	170	–86	–3.3
Ky.....	309	–158	–5.6	25	1	.5	107	42	1.4	10	4	1.5
Tenn.....	305	1	(z)	95	–51	–8.7	109	103	3.1	37	–7	–1.2
Ala.....	251	–5	–.2	159	–231	–23.6	89	58	2.3	57	–41	–4.5
Miss.....	126	10	.8	179	–279	–30.4	51	44	3.2	66	–42	–5.1
W. So. Cent.	1,830	152	1.1	557	–282	–10.2	730	551	2.4	213	–13	–.4
Ark.....	128	38	2.7	81	–112	–28.7	45	111	7.1	23	–19	–5.4
La.....	302	26	1.2	212	–163	–15.7	104	4	.2	80	–32	–3.0
Okla.....	171	–4	–.2	28	–3	–2.1	60	65	2.8	11	9	5.3
Tex.....	1,229	92	1.1	237	–4	–.3	521	371	3.8	99	29	2.1
MT.	988	295	4.5	42	16	12.6	462	761	9.8	19	25	13.6
Mont.....	69	–57	–8.7	1	(z)	(b)	23	24	3.6	–	(b)	(b)
Idaho.....	85	–44	–6.6	1	(z)	(b)	43	56	8.0	–	(b)	(b)
Wyo.....	40	–39	–12.2	1	(z)	(b)	16	25	7.6	–	(b)	(b)
Colo.....	224	187	11.0	10	16	40.9	103	199	9.4	6	14	21.2
N. Mex.....	160	–120	–13.8	7	–4	–24.7	58	54	5.8	2	(b)	(b)
Ariz.....	187	248	21.2	14	–4	–10.2	93	299	18.5	6	8	15.2
Utah.....	174	–16	–1.9	2	1	(b)	105	34	3.3	1	(b)	(b)
Nev.....	49	136	51.5	8	6	48.0	21	71	15.9	4	4	14.1
Pac.	2,289	1,974	10.2	266	286	29.7	799	351	1.5	121	95	6.2
Wash.....	280	220	8.0	13	10	20.9	97	21	.6	6	3	3.5
Oreg.....	155	145	8.4	4	4	20.9	58	121	6.0	2	2	8.5
Calif.....	1,777	1,528	10.6	244	272	30.7	606	183	1.0	110	87	6.2
Alaska.....	40	22	12.6	3	(z)	(b)	21	27	11.1	1	(b)	(b)
Hawaii.....	38	58	28.8	2	1	(b)	17	–1	–.2	1	(b)	(b)

– Represents zero or rounds to zero. B Not shown; for 1960 to 1970, base less than 10,000; for 1970 to 1975, base less than 25,000.

Z Less than 500 or .05 percent. ¹ Births minus deaths. ² Comprises net immigration from abroad and net interdivisional or interstate migration according to the area shown. Includes Armed Forces.

³ For 1960–1970, base is 1960 resident population; for 1970–1975, base is 1970 resident population.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P–23, No. 67, and series P–25, No. 460.

NO. 26. POPULATION, BY SEX, RACE, RESIDENCE, AND MEDIAN AGE: 1790 TO 1980

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

DATE	SEX		RACE				RESIDENCE ¹		MEDIAN AGE (years)		
	Male	Female	White	Black		Other	Urban	Rural	All races	White	Black
				Num- ber	Per- cent						
CONTERMINOUS U.S. ²											
1790 (Aug. 2).....	(NA)	(NA)	3,172	757	19.3	(NA)	202	3,728	(NA)	(NA)	(NA)
1800 (Aug. 4).....	(NA)	(NA)	4,306	1,002	18.9	(NA)	322	4,986	(NA)	(NA)	(NA)
1810 (Aug. 6).....	(NA)	(NA)	5,862	1,378	19.0	(NA)	525	6,714	(NA)	(NA)	(NA)
1820 (Aug. 7).....	4,897	4,742	7,867	1,772	18.4	(NA)	693	8,945	16.7	16.5	17.2
1830 (June 1).....	6,532	6,334	10,537	2,329	18.1	(NA)	1,127	11,739	17.2	17.2	16.9
1840 (June 1).....	8,689	8,381	14,196	2,874	16.8	(NA)	1,845	15,224	17.8	17.9	17.3
1850 (June 1).....	11,838	11,354	19,553	3,639	15.7	(NA)	3,544	19,648	18.9	19.2	17.3
1860 (June 1).....	16,085	15,358	26,923	4,442	14.1	79	6,217	25,227	19.4	19.7	17.7
1870 (June 1).....	19,494	19,065	33,589	4,880	12.7	89	9,902	28,656	20.2	20.4	18.5
1880 (June 1).....	25,519	24,637	43,403	6,581	13.1	172	14,130	36,026	20.9	21.4	18.0
1890 (June 1).....	32,237	30,711	55,101	7,489	11.9	358	22,106	40,841	22.0	22.5	17.8
1900 (June 1).....	38,816	37,178	66,809	8,834	11.6	351	30,160	45,835	22.9	23.4	19.4
1910 (Apr. 15).....	47,332	44,640	81,732	9,828	10.7	413	41,999	49,973	24.1	24.5	20.6
1920 (Jan. 1).....	53,900	51,810	94,821	10,463	9.9	427	54,158	51,553	25.3	25.6	22.3
1930 (Apr. 1).....	62,137	60,638	110,287	11,891	9.7	597	68,955	53,820	26.4	26.9	23.5
1940 (Apr. 1).....	66,062	65,608	118,215	12,866	9.8	589	74,424	57,246	29.0	29.5	25.3
1950 (Apr. 1).....	74,833	75,864	134,942	15,042	10.0	713	96,468	54,230	30.2	30.8	26.2
1960 (Apr. 1).....	87,865	90,600	158,455	18,860	10.6	1,149	124,899	53,765	29.6	30.3	23.5
UNITED STATES											
1950 (Apr. 1).....	75,187	76,139	135,150	15,045	9.9	1,131	96,847	54,479	30.2	30.7	26.2
1960 (Apr. 1).....	88,331	90,992	158,832	18,872	10.5	1,620	125,269	54,054	29.5	30.3	23.5
1970 (Apr. 1) ³	98,926	104,309	178,098	22,581	11.1	2,557	149,325	53,887	28.0	28.9	22.4
1980 (Apr. 1).....	110,032	116,473	188,341	26,468	11.7	11,676	166,965	59,539	30.0	31.3	24.9

NA Not available. ¹ Beginning 1950, current definition. For explanation of change, see text, pp. 2 and 3.

² Excludes Alaska and Hawaii. ³ The revised 1970 resident population count is 203,302,031; which incorporates changes due to errors found after tabulations were completed. The race and sex data shown here reflect the official 1970 census count while the residence data come from the tabulated count. See text, pp. 1-4.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1930*, vol. II; *1940*, vol. II, part 1, and vol. IV, part 1; *1950*, vol. II, part 1; *1960*, vol. I; *1970*, vol. I, part B; and *1980, Supplementary Reports*, PC80-S1-1, and unpublished data.

NO. 27. RATIO OF MALES TO FEMALES, BY AGE GROUP, 1910 TO 1980, AND BY RACE, 1980

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

AGE (years)	1910 (Apr. 15)	1920 (Jan. 1)	1930 (Apr. 1)	1940 (Apr. 1)	1950 (Apr. 1)	1960 (Apr. 1)	1970 (Apr. 1)	1980 (Apr. 1)			
								Total ¹	White	Black	Spanish origin ²
All ages.....	106.0	³ 104.1	³ 102.5	100.7	98.6	97.1	94.8	94.5	94.8	89.6	99.3
Under 14 ⁴	102.1	102.1	102.6	103.0	103.7	103.4	103.9	104.6	105.3	101.4	103.5
14-24 ⁵	101.2	97.3	98.4	98.9	98.2	98.7	98.7	101.7	102.3	95.5	106.5
25-44.....	110.2	105.1	101.8	98.5	96.4	95.7	95.5	97.4	99.1	85.3	98.1
45-64.....	114.4	115.2	109.1	105.2	100.1	95.7	91.6	90.7	91.8	81.1	91.0
65 and over.....	101.1	101.3	100.5	95.5	89.6	82.8	72.1	67.6	67.2	68.3	75.6

¹ Includes other races, not shown separately. ² Persons of Spanish origin may be of any race. ³ Includes "age not reported." ⁴ 1980 data are for 0-14. ⁵ 1980 data are for 15-24.

Source: U.S. Bureau of the Census, based on *U.S. Census of Population: 1950; 1960; 1970*, part B; and *1980 Census of Population, Supplementary Reports*, PC80-S1-1.

NO. 28. SPANISH-ORIGIN POPULATION, BY AGE AND SEX: 1980

[In thousands, except percent. See headnote, table 29]

ITEM	Total, all years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65 years and over	Median age (yr.)
Total.....	14,606	1,663	1,537	1,474	1,606	1,586	1,376	1,128	854	712	622	564	454	321	709	23.2
Male.....	7,278	848	783	747	826	819	697	558	416	345	300	270	217	147	305	22.7
Female.....	7,328	815	754	728	779	766	678	570	438	367	321	294	237	174	404	23.8
PERCENT DISTRIBUTION																
Total.....	100.0	11.4	10.5	10.1	11.0	10.9	9.4	7.7	5.8	4.9	4.3	3.9	3.1	2.2	4.9	(x)
Male.....	100.0	11.6	10.8	10.3	11.4	11.3	9.6	7.7	5.7	4.7	4.1	3.7	3.0	2.0	4.2	(x)
Female.....	100.0	11.1	10.3	9.9	10.6	10.5	9.3	7.8	6.0	5.0	4.4	4.0	3.2	2.4	5.5	(x)

X Not applicable.

Source: U.S. Bureau of the Census, *1980 Census of Population, Supplementary Reports*, series PC80-S1-1.

NO. 29. RESIDENT POPULATION, BY AGE, SEX, AND RACE: 1960 TO 1980

[In thousands, except as indicated. Based on enumerated population as of April 1. Excludes Armed Forces overseas. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series A119-134]

Population

YEAR, SEX, AND RACE		Total, all years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65 years and over	Medi- an age (yr.)
1960, total ¹		179,323	20,321	18,692	16,773	13,219	10,801	10,889	11,949	12,481	11,600	10,879	9,606	8,430	7,142	16,560	29.5
Male		88,331	10,330	9,504	8,534	6,634	5,272	5,353	5,846	6,080	5,676	5,058	4,127	4,137	3,409	7,503	28.7
Female		90,992	9,991	9,187	8,249	6,586	5,529	5,536	6,103	6,402	5,924	5,822	5,479	4,303	3,733	9,056	30.3
White		158,832	17,359	16,088	14,639	11,608	9,471	9,556	10,589	11,141	10,423	9,785	8,694	7,626	6,551	15,304	30.3
Male		78,367	8,849	8,202	7,467	5,937	4,846	4,722	5,218	5,447	5,117	4,828	4,286	3,729	3,122	6,908	29.4
Female		80,465	8,509	7,885	7,162	5,671	4,625	4,834	5,371	5,694	5,306	4,957	4,408	3,898	3,429	8,396	31.1
Black		18,872	2,731	2,405	1,971	1,723	1,198	1,188	1,232	1,225	1,091	1,018	845	731	549	1,176	23.4
Male		9,114	1,363	1,201	984	734	571	552	568	574	512	485	405	355	262	547	22.4
Female		9,758	1,368	1,204	987	755	649	636	664	651	578	534	440	376	287	629	24.4
1970, total ^{1,2}		203,235	17,163	19,969	20,804	19,084	16,393	13,486	11,437	11,113	11,988	12,124	11,111	9,979	8,623	19,972	28.0
Male		98,926	8,750	10,175	10,598	9,641	7,925	6,628	5,598	5,416	5,823	5,655	5,351	4,769	4,030	8,367	26.8
Female		104,309	8,413	9,794	10,206	9,443	8,468	6,859	5,839	5,697	6,166	6,269	5,760	5,210	4,593	11,605	29.3
White		178,098	14,464	16,941	17,724	16,412	14,327	11,850	10,000	9,749	10,633	10,968	10,019	9,021	7,818	18,272	28.9
Male		86,906	7,396	8,656	9,056	8,144	6,566	5,869	4,942	4,798	5,207	5,270	4,842	4,319	3,655	7,615	27.6
Female		91,192	7,068	8,285	8,668	8,268	7,761	5,980	5,056	4,951	5,426	5,598	5,176	4,702	4,163	10,657	30.1
Black		22,951	2,434	2,738	2,407	1,816	1,429	1,254	1,196	1,196	1,199	1,124	990	874	734	1,544	22.4
Male		10,749	1,220	1,376	1,408	1,203	841	658	568	541	544	520	459	405	335	669	21.0
Female		11,852	1,214	1,371	1,404	1,222	975	771	685	656	655	603	531	469	400	876	23.6
1980, total ¹		226,505	16,344	16,697	18,241	21,162	21,313	19,518	17,658	13,963	11,668	11,088	11,709	11,614	10,086	25,544	30.0
Male		110,032	9,360	8,538	9,315	10,752	10,660	9,703	8,676	6,860	5,708	5,388	5,620	5,481	4,669	10,303	28.8
Female		116,473	7,984	8,159	8,926	10,410	10,652	9,814	8,982	7,103	5,961	5,701	6,089	6,133	5,416	15,242	31.3
White		188,341	12,631	13,031	14,460	16,958	17,283	15,983	14,643	11,759	9,825	9,456	10,157	10,237	8,974	22,944	31.3
Male		91,670	6,483	6,684	7,408	8,631	8,680	8,004	7,299	5,630	4,849	4,638	4,852	4,652	3,773	22,220	30.0
Female		96,671	6,148	6,347	7,053	8,326	8,603	7,978	7,344	5,929	4,976	4,818	5,293	5,385	4,801	23,724	32.6
Black		26,468	2,436	2,490	2,673	2,983	2,724	2,321	1,856	1,432	1,261	1,143	1,129	1,037	801	12,086	24.9
Male		11,228	1,255	1,344	1,488	1,300	1,000	862	682	562	566	515	504	466	385	846	23.6
Female		13,972	1,208	1,235	1,329	1,495	1,424	1,237	1,017	795	694	627	624	570	486	1,240	26.2
PERCENT																	
1960		100.0	11.3	10.4	9.4	7.4	6.0	6.1	6.7	7.0	6.5	6.1	5.4	4.7	4.0	9.2	(x)
1970		100.0	8.4	9.8	10.2	9.4	8.1	6.6	5.6	5.5	5.9	6.0	5.5	4.9	4.2	9.8	(x)
1980, total		100.0	7.2	7.4	8.1	9.3	9.4	8.6	7.8	6.2	5.2	4.9	5.2	5.1	4.5	11.3	(x)
Male		100.0	7.6	7.8	8.5	9.8	9.7	8.8	7.9	6.2	5.2	4.9	5.1	5.0	4.2	9.4	(x)
Female		100.0	6.9	7.0	7.7	8.9	9.1	8.4	7.6	6.1	5.1	4.9	5.2	5.3	4.7	13.1	(x)
White		100.0	6.7	6.9	7.7	9.0	9.2	8.5	7.8	6.2	5.2	5.0	5.4	5.4	4.8	12.2	(x)
Black		100.0	9.2	9.4	10.1	11.3	10.3	8.8	7.1	5.3	4.7	4.3	4.3	3.9	3.3	7.9	(x)

X Not applicable. ¹ Includes other races, not shown separately. ² The 1970 resident population count is 203,302,031; the difference of 66,733 is due to errors found after tabulations were completed.
Source: U.S. Bureau of the Census, *Census of Population: 1960 and 1970*, vol. 1, and *1980 Census of Population*, Supplementary Reports, series PC 80-51-1.

NO. 30. TOTAL POPULATION, BY AGE AND SEX: 1950 TO 1980

[In thousands, except percent. As of July 1, except as noted. Includes Armed Forces abroad. See p. 2 for derivation of estimates. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series A23-25 and A28-41]

YEAR AND SEX	Total, all ages	Under 5 years	5-13 years	14-17 years	18-21 years	22-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 years and over	16 years and over	18 years and over	21 years and over	Median age (yr.)
TOTAL															
1950.....	152,271	16,410	22,423	8,444	8,947	7,129	24,036	21,637	17,453	13,396	12,397	109,141	104,994	98,341	30.2
1960.....	180,671	20,341	32,965	12,219	9,555	6,573	29,913	24,221	20,576	13,625	16,675	121,935	116,146	108,656	29.4
1970 ¹	204,335	17,163	36,675	15,894	14,651	9,534	25,146	23,214	20,254	13,603	19,972	142,367	134,643	123,555	27.9
1980 ¹	227,020	16,344	31,156	16,245	17,532	12,748	37,252	25,694	22,804	21,700	25,544	171,676	163,275	150,079	30.0
Percent distribution:															
1950.....	100.0	10.8	14.7	5.5	5.9	4.7	15.8	14.2	11.5	8.8	8.1	71.7	69.0	64.6	(X)
1960.....	100.0	11.3	18.2	6.2	5.3	3.6	12.7	13.4	11.4	8.6	9.2	67.4	64.3	60.3	(X)
1970 ¹	100.0	8.4	17.9	7.8	7.2	4.8	12.3	11.4	11.4	9.1	9.6	69.7	65.9	60.5	(X)
1980 ¹	100.0	7.2	13.7	7.2	7.7	5.6	16.4	11.3	10.0	9.6	11.3	75.6	71.9	66.1	(X)
MALE															
1950.....	75,849	8,362	11,415	4,269	4,484	3,525	11,804	10,706	8,715	6,714	5,856	53,893	51,803	48,460	29.8
1960.....	89,320	10,339	16,762	5,682	4,810	3,284	11,327	11,872	10,142	7,559	7,542	59,413	56,536	52,859	28.5
1970 ¹	100,020	8,750	18,687	8,072	7,393	4,928	12,447	11,350	11,225	8,800	8,367	68,441	64,510	59,906	26.6
Percent distribution:															
1950.....	100.0	11.0	15.0	5.6	5.9	4.6	15.6	14.1	11.5	8.9	7.7	71.1	68.3	63.9	(X)
1960.....	100.0	11.6	18.6	6.4	5.4	3.7	12.7	13.3	11.4	8.5	8.4	66.5	63.3	59.2	(X)
1970 ¹	100.0	8.7	18.7	8.1	7.4	4.9	12.4	11.3	11.2	8.8	8.4	68.4	64.5	58.9	(X)
FEMALE															
1950.....	76,422	8,048	11,008	4,175	4,463	3,603	12,233	10,931	8,738	6,682	6,541	55,248	53,191	49,881	30.5
1960.....	91,352	10,002	16,203	5,537	4,745	3,289	11,591	12,349	10,436	8,067	9,133	62,422	59,610	55,957	30.3
1970 ¹	104,315	8,413	17,987	7,782	7,228	4,906	12,699	11,964	12,028	9,803	11,605	73,926	70,133	64,649	29.3
Percent distribution:															
1950.....	100.0	10.5	14.4	5.5	5.8	4.7	16.0	14.3	11.4	8.7	8.6	72.3	69.6	65.3	(X)
1960.....	100.0	10.9	17.7	6.1	5.2	3.6	12.7	13.5	11.4	8.8	10.0	68.3	65.3	61.3	(X)
1970 ¹	100.0	8.1	17.2	7.5	6.9	4.7	12.2	11.4	11.5	9.4	11.1	70.9	67.2	62.0	(X)

X Not applicable. ¹ As of April 1. ² These data exclude 67,000 persons who were added to the count after tabulations were completed. See text, p. 1.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 311, 519, 721, and unpublished data.

No. 31. RESIDENT POPULATION.

[In thousands. As of April 1. See *Historical Statistics, Colonial Times to 1970*.

DIVISION AND STATE	Total	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
U.S.	226,505	16,344	16,697	16,241	21,162	21,313	19,518	17,558	13,963	11,668	11,088
New Eng.	12,348	756	832	1,005	1,173	1,146	1,031	965	767	616	607
Maine.....	1,125	79	84	94	107	98	92	87	67	56	55
N.H.....	921	63	68	77	88	84	79	78	60	47	44
Vt.....	511	36	38	43	51	49	45	42	32	25	24
Mass.....	5,737	337	375	461	548	553	489	446	349	279	278
R.I.....	947	57	61	74	90	90	76	70	54	44	45
Conn.....	3,108	185	206	256	288	272	249	242	204	165	162
Mid. Atl.	36,788	2,347	2,498	2,944	3,350	3,195	2,948	2,764	2,269	1,928	1,906
N.Y.....	17,557	1,136	1,185	1,406	1,598	1,520	1,428	1,352	1,107	936	911
N.J.....	7,364	463	509	606	671	615	574	564	480	400	394
Pa.....	11,867	748	805	932	1,081	1,060	945	848	683	592	600
E. No. Cent.	41,670	3,079	3,175	3,454	3,970	3,939	3,564	3,152	2,509	2,128	2,030
Ohio.....	10,797	787	821	887	1,008	1,005	907	816	641	559	539
Ind.....	5,490	419	433	455	530	519	463	412	332	282	267
Ill.....	11,418	842	849	918	1,066	1,072	985	869	700	593	559
Mich.....	9,258	685	727	802	900	893	807	708	564	465	446
Wis.....	4,705	347	345	392	467	450	402	348	272	230	220
W. No. Cent.	17,184	1,300	1,252	1,349	1,636	1,629	1,458	1,251	992	844	812
Minn.....	4,077	307	296	334	400	394	364	313	246	203	187
Iowa.....	2,913	222	211	232	278	272	243	206	161	141	136
Mo.....	4,917	354	355	382	461	446	398	354	292	249	243
N. Dak.....	653	55	49	51	64	69	56	46	34	29	29
S. Dak.....	690	58	53	54	69	66	57	46	35	31	31
Nebr.....	1,570	123	118	121	147	149	135	114	88	75	74
Kans.....	2,363	181	169	175	218	233	203	172	135	114	112
S. Atl.	36,943	2,481	2,681	2,939	3,426	3,442	3,122	2,875	2,316	1,942	1,829
Del.....	595	41	42	49	60	58	50	46	37	31	31
Md.....	4,216	272	293	357	405	392	371	354	291	236	219
D.C.....	638	34	37	42	58	69	66	56	41	33	30
Va.....	5,346	361	387	431	506	531	478	450	366	287	272
W. Va.....	1,950	146	153	157	174	173	161	145	110	98	93
N.C.....	5,674	403	447	482	566	579	502	461	368	314	297
S.C.....	3,119	238	253	266	317	313	273	244	192	158	150
Ga.....	5,464	415	447	470	531	516	481	449	357	291	267
Fla.....	9,740	570	621	685	811	811	740	671	554	484	471
E. So. Cent.	14,663	1,120	1,172	1,226	1,420	1,363	1,210	1,088	872	756	711
Ky.....	3,661	283	289	302	354	346	309	276	218	187	174
Tenn.....	4,591	326	350	370	430	423	388	357	288	246	231
Ala.....	3,890	296	314	328	376	360	315	283	229	201	192
Miss.....	2,521	215	219	226	259	234	197	172	138	122	114
W. So. Cent.	23,743	1,939	1,926	1,968	2,272	2,318	2,097	1,820	1,440	1,198	1,130
Ark.....	2,286	175	180	185	214	194	174	161	134	114	107
La.....	4,204	361	346	372	426	420	369	312	244	206	193
Okla.....	3,025	233	230	231	279	284	253	223	162	155	149
Tex.....	14,228	1,169	1,170	1,180	1,352	1,420	1,302	1,124	880	723	681
Mt.	11,368	994	917	926	1,067	1,136	1,068	924	706	578	523
Mont.....	787	64	60	63	75	74	72	61	48	40	36
Idaho.....	944	94	83	79	88	86	82	73	58	47	41
Wyo.....	471	45	39	37	43	51	50	39	29	24	21
Colo.....	2,889	216	213	226	269	302	302	267	193	153	138
N. Mex.....	1,300	114	109	114	132	125	115	101	78	66	62
Ariz.....	2,718	214	211	220	252	264	236	208	163	135	125
Utah.....	1,461	190	146	126	139	156	135	106	79	64	57
Nev.....	799	56	55	62	70	77	76	69	57	48	43
Pac.	31,797	2,329	2,244	2,429	2,849	3,145	3,020	2,718	2,091	1,679	1,541
Wash.....	4,130	306	296	322	369	400	390	354	273	214	193
Oreg.....	2,633	198	189	203	226	238	253	228	171	133	119
Calif.....	23,669	1,708	1,650	1,796	2,130	2,356	2,233	2,010	1,552	1,262	1,164
Alaska.....	400	39	35	34	37	45	49	42	31	23	18
Hawaii.....	965	78	73	75	87	106	95	84	64	47	45

BY AGE—STATES: 1980

series A 204–209, for decennial census data]

50–54 years	55–59 years	60–64 years	65 years and over	5–13 years	14–17 years	18–24 years	25–44 years	45–64 years	18 years and over	Median age (yr.)	DIVISION AND STATE
11,709	11,614	10,086	25,544	31,156	16,244	30,013	62,707	44,497	162,761	30.0	U.S.
664	670	595	1,520	1,624	901	1,632	3,379	2,537	9,068	31.2	New Eng.
57	57	51	141	159	84	141	302	219	803	30.4	Maine.
46	45	40	103	129	67	121	264	175	663	30.1	N.H.
24	24	21	58	72	38	71	145	92	366	29.4	Vt.
307	311	277	727	738	415	784	1,563	1,173	4,247	31.2	Mass.
53	56	49	127	120	66	129	245	203	704	31.8	R.I.
177	179	157	365	407	231	385	860	674	2,285	32.0	Conn.
2,125	2,121	1,842	4,551	4,818	2,638	4,531	9,909	7,994	26,986	32.0	Mid. Atl.
997	979	841	2,161	2,291	1,260	2,157	4,823	3,728	12,870	31.9	N.Y.
433	430	367	860	986	542	872	2,018	1,624	5,374	32.2	N.J.
696	712	633	1,531	1,541	836	1,502	3,068	2,641	8,742	32.1	Pa.
2,191	2,153	1,832	4,493	5,915	3,068	5,555	11,353	8,207	29,607	29.5	E. No. Cent.
588	582	489	1,169	1,526	782	1,413	2,923	2,197	7,703	29.9	Ohio.
283	278	234	585	794	405	737	1,488	1,062	3,872	29.2	Ind.
602	593	510	1,261	1,577	822	1,507	3,147	2,263	8,178	29.9	Ill.
485	471	393	912	1,364	703	1,255	2,544	1,796	6,507	28.9	Mich.
233	229	207	564	654	357	643	1,252	889	3,347	29.4	Wis.
853	848	761	2,199	2,320	1,234	2,313	4,545	3,274	12,331	29.9	W. No. Cent.
193	190	171	480	560	305	559	1,126	741	2,905	29.2	Minn.
146	146	133	387	394	210	388	752	560	2,088	30.0	Iowa.
254	255	225	648	658	350	636	1,293	977	3,555	30.9	Mo.
31	29	28	80	90	47	97	168	116	462	28.3	N. Dak.
34	34	31	91	96	51	95	169	129	485	28.9	S. Dak.
77	75	68	206	214	110	211	413	293	1,123	29.7	Nebr.
119	120	106	306	308	160	327	624	457	1,714	30.1	Kans.
1,904	1,909	1,714	4,363	5,007	2,626	4,855	10,255	7,356	26,829	30.7	S. Atl.
32	32	27	59	81	45	84	164	122	428	29.7	Del.
228	223	180	396	574	322	551	1,252	850	3,049	30.3	Md.
33	34	29	74	70	39	97	197	127	494	31.1	D.C.
274	268	221	505	729	385	741	1,591	1,035	3,872	29.8	Va.
105	105	93	238	278	136	243	513	396	1,390	30.4	W. Va.
304	295	255	602	831	422	821	1,644	1,151	4,219	29.6	N.C.
149	150	129	287	464	239	446	867	578	2,178	28.2	S.C.
261	247	216	517	819	412	732	1,578	991	3,818	28.7	Georgia
518	555	564	1,685	1,162	627	1,140	2,449	2,108	7,381	34.7	Fla.
729	711	626	1,657	2,143	1,093	1,945	3,927	2,778	10,306	29.3	E. So. Cent.
180	178	154	410	529	271	492	991	686	2,579	29.1	Ky.
234	230	200	518	643	330	601	1,278	895	3,292	30.1	Tenn.
197	190	169	440	573	292	513	1,028	748	2,729	29.3	Ala.
118	113	104	289	399	200	339	630	448	1,706	27.7	Miss.
1,141	1,096	934	2,463	3,494	1,729	3,261	6,555	4,302	16,581	28.5	W. So. Cent.
110	114	110	312	327	168	278	583	441	1,614	30.6	Ark.
201	189	162	404	640	328	595	1,131	745	2,874	27.4	La.
150	150	131	376	414	208	402	813	580	2,170	30.1	Okla.
680	643	532	1,371	2,113	1,024	1,986	4,029	2,536	9,923	28.2	Tex.
517	508	446	1,060	1,657	806	1,583	3,276	1,993	7,912	28.0	MT.
37	37	35	85	110	57	104	221	145	555	29.0	Mont.
40	41	38	94	146	67	123	260	161	637	27.6	Idaho.
21	19	16	37	69	32	69	142	76	325	27.1	Wyo.
133	126	103	247	394	198	418	916	499	2,080	28.6	Colo.
60	58	49	116	199	103	178	361	229	884	27.4	N. Mex.
127	132	124	307	386	192	369	742	508	1,926	29.2	Ariz.
56	53	46	109	248	102	216	384	212	921	24.2	Utah.
43	42	36	66	104	55	105	250	163	584	30.3	Nev.
1,584	1,596	1,335	3,237	4,178	2,149	4,339	9,509	6,056	23,141	29.8	Pac.
198	204	179	431	554	279	554	1,231	775	2,991	29.8	Wash.
124	130	118	303	351	174	330	785	491	1,910	30.2	Oreg.
1,196	1,203	993	2,415	3,079	1,601	3,252	7,058	4,556	17,281	29.9	Calif.
16	13	8	12	62	29	60	144	55	270	26.1	Alaska.
49	47	38	76	133	65	142	291	180	689	28.4	Hawaii.

Source: U.S. Bureau of the Census, 1980 Census of Population, Supplementary Report, Series PC80-S1-1, and unpublished data.

NO. 32. BLACK POPULATION, BY AGE—STATES: 1980

[In thousands. As of April 1. Enumerated resident population. Excludes Armed Forces overseas. See text, pp. 1-3 for comments on 1980 census. For State totals, see table 36]

DIVISION AND STATE	Under 5 years	5-14 years	15-24 years	25-44 years	45-64 years	65 yr. and over	DIVISION AND STATE	Under 5 years	5-14 years	15-24 years	25-44 years	45-64 years	65 yr. and over
U.S.....	2,436	5,163	5,708	6,917	4,179	2,086	S.A.—Con.						
N.E.....	42	95	106	135	70	26	W. Va.....	5	11	14	14	12	10
Maine.....	(2)	1	1	1	(2)	(2)	N.C.....	114	257	296	330	206	114
N.H.....	(2)	1	1	1	(2)	(2)	S.C.....	90	193	213	235	140	77
Vt.....	(2)	(2)	(2)	(2)	(2)	(2)	Ga.....	142	296	319	384	205	119
Mass.....	19	43	50	64	32	13	Fla.....	134	277	286	343	202	101
R.I.....	3	5	6	7	4	2	E.S.C.....	286	582	632	647	423	297
Conn.....	20	45	47	61	33	11	Ky.....	24	46	62	61	40	26
M.A.....	366	815	883	1,215	778	317	Tenn.....	67	141	160	177	110	71
N.Y.....	204	439	478	691	427	164	Ala.....	98	201	215	224	152	106
N.J.....	80	187	190	257	153	58	Miss.....	97	194	195	185	121	94
Pa.....	82	189	214	267	198	96	W.S.C.....	353	703	777	863	514	316
E.N.C.....	432	922	951	1,190	739	314	Ark.....	41	78	79	76	53	46
Ohio.....	97	203	222	277	193	84	La.....	130	254	272	295	179	107
Ind.....	42	83	90	105	66	30	Okla.....	21	39	48	48	28	20
Ill.....	163	343	356	441	263	109	Tex.....	160	332	378	443	254	143
Mich.....	110	250	242	318	195	83	Mt.....	26	51	65	76	35	14
Wis.....	20	43	41	49	22	6	Mont.....	(2)	(2)	1	1	(2)	(2)
W.N.C.....	77	154	177	198	118	64	Idaho.....	(2)	(2)	1	1	(2)	(2)
Minn.....	6	11	11	16	7	3	Wyo.....	(2)	9	1	1	(2)	(2)
Iowa.....	5	8	10	11	6	3	Colo.....	9	19	25	31	14	5
Mo.....	48	100	111	128	82	46	N. Mex.....	2	5	6	6	3	1
N. Dak.....	(2)	(2)	1	1	(2)	(2)	Ariz.....	7	14	18	20	10	5
S. Dak.....	(2)	(2)	1	1	(2)	(2)	Utah.....	1	1	3	2	1	(2)
Nebr.....	5	10	11	12	7	3	Nev.....	5	11	12	15	6	2
Kans.....	13	23	32	31	17	10	Pac.....	173	357	446	585	307	123
S.A.....	681	1,482	1,671	2,007	1,193	614	Wash.....	10	19	27	30	15	5
Del.....	9	19	21	25	15	7	Oreg.....	4	7	8	10	5	2
Md.....	77	180	206	289	149	58	Calif.....	156	327	401	535	285	115
D.C.....	29	68	92	125	92	43	Alaska.....	2	2	4	5	1	(2)
Va.....	82	182	222	264	172	87	Hawaii.....	2	2	7	5	1	(2)

Z Fewer than 500.

NO. 33. POPULATION OF SPANISH ORIGIN, BY AGE—STATES: 1980

[In thousands. For State totals, see table 36. See also headnote, table 32]

DIVISION AND STATE	Under 5 years	5-14 years	15-24 years	25-44 years	45-64 years	65 yr. and over	DIVISION AND STATE	Under 5 years	5-14 years	15-24 years	25-44 years	45-64 years	65 yr. and over
U.S.....	1,663	3,012	3,191	4,070	1,961	709	S.A.—Con.						
N.E.....	37	68	66	83	33	11	W. Va.....	1	2	2	3	2	1
Maine.....	1	1	1	1	1	(2)	N.C.....	5	10	16	15	8	4
N.H.....	1	1	1	2	1	(2)	S.C.....	3	6	9	9	5	2
Vt.....	(2)	1	1	1	(2)	(2)	Ga.....	6	11	15	17	8	4
Mass.....	18	32	32	39	15	5	Fla.....	54	124	161	232	191	96
R.I.....	2	4	4	6	3	1	E.S.C.....	11	22	28	29	18	11
Conn.....	16	29	27	35	14	4	Ky.....	2	5	7	7	4	2
M.A.....	239	458	465	693	344	105	Tenn.....	3	6	8	9	6	3
N.Y.....	170	322	333	505	253	77	Ala.....	3	6	7	8	5	3
N.J.....	51	101	99	147	72	21	Miss.....	2	5	6	6	3	2
Pa.....	18	35	33	41	19	8	W.S.C.....	371	707	689	829	403	161
E.N.C.....	138	231	240	298	126	35	Ark.....	2	4	4	4	2	1
Ohio.....	14	26	26	31	17	6	La.....	9	18	22	27	16	7
Ind.....	11	19	19	22	12	4	Okla.....	8	12	14	15	6	2
Ill.....	84	134	144	186	71	17	Tex.....	352	673	648	783	379	150
Mich.....	20	38	36	42	20	7	Mt.....	170	309	321	384	186	72
Wis.....	9	14	15	16	6	2	Mont.....	1	2	2	3	1	(2)
W.N.C.....	27	44	48	54	25	10	Idaho.....	5	8	9	9	3	1
Minn.....	5	7	7	9	3	1	Wyo.....	3	5	5	7	3	1
Iowa.....	3	6	6	6	3	1	Colo.....	39	73	76	94	42	16
Mo.....	5	10	12	13	7	4	N. Mex.....	51	98	105	124	67	30
N. Dak.....	1	1	1	1	(2)	(2)	Ariz.....	55	98	97	115	56	20
S. Dak.....	1	1	1	1	(2)	(2)	Utah.....	9	14	14	15	6	2
Nebr.....	4	6	6	7	3	1	Nev.....	6	10	12	16	7	2
Kans.....	9	13	15	16	7	3	Pac.....	584	990	1,093	1,369	587	188
S.A.....	85	182	241	332	238	115	Wash.....	17	26	29	33	11	3
Del.....	1	2	2	3	1	(2)	Oreg.....	9	14	16	19	6	2
Md.....	6	12	14	21	10	3	Calif.....	547	932	1,029	1,294	561	180
D.C.....	1	2	4	7	3	1	Alaska.....	1	2	2	3	1	(2)
Va.....	7	14	18	26	11	4	Hawaii.....	10	15	17	19	8	3

Z Fewer than 500.

Source of tables 32 and 33: U.S. Bureau of the Census, unpublished data.

No. 34. PERSONS 15 TO 24 YEARS AND 25 TO 34 YEARS OLD, BY RACE AND SEX: 1960 TO 1980

[As of April. Resident population]

AGE, RACE, AND SEX	PERSONS (million)			PERCENT OF TOTAL POPULATION			PERCENT CHANGE	
	1960	1970	1980	1960	1970	1980	1960- 1970	1970- 1980
15 to 24 years old	24.0	35.5	42.5	13.4	17.5	18.8	47.7	19.8
White	21.1	30.7	34.2	13.3	17.3	18.2	45.8	11.4
Black	2.7	4.2	5.7	14.4	18.8	21.5	56.6	34.6
Male	11.9	17.6	21.4	13.5	17.8	19.5	47.5	21.9
Female	12.1	17.9	21.1	13.3	17.2	18.1	47.8	17.7
25 to 34 years old	22.8	24.9	37.1	12.7	12.3	16.4	9.2	48.8
White	20.1	21.8	30.6	12.7	12.3	16.3	8.5	40.2
Black	2.4	2.7	4.2	12.8	11.9	15.9	10.8	56.9
Male	11.2	12.2	18.4	12.7	12.4	16.7	9.4	50.3
Female	11.6	12.7	18.7	12.8	12.2	16.1	9.1	47.3

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 519 and 870, and *1980 Census of Population, Supplementary Reports*, PC 80-S1-1.

No. 35. PERSONS 65 YEARS OLD AND OVER—CHARACTERISTICS, BY SEX: 1960 TO 1980

CHARACTERISTIC	1960		1965		1970		1975		1980	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total¹ (million)	7.5	9.0	7.9	10.2	8.3	11.5	8.7	12.4	9.8	14.0
Percent of total population	8.6	9.9	8.4	10.3	8.5	11.1	8.6	11.5	9.3	12.4
White ¹ (million)	6.9	8.4	7.3	9.4	7.6	10.6	7.9	11.3	8.8	12.6
Black ¹ (million)	.5	.6	.6	.8	.7	.9	.8	1.1	.8	1.2
Age: ²										
65-69 years (percent)	3.3	3.7	3.1	3.6	3.2	3.7	3.5	4.1	3.6	4.2
70-74 years (percent)	2.5	2.8	2.5	3.0	2.3	3.0	2.4	3.0	2.7	3.4
75-79 years (percent)	1.6	1.9	1.6	2.0	1.6	2.2	1.5	2.2	1.6	2.2
80 years and over (percent)	1.2	1.6	1.3	1.9	1.4	2.3	1.5	2.7	1.5	2.6
Median income: ^{1 3}										
Family householders (dollars)	2,831		3,376		4,779	4,986	7,469	7,722	11,320	11,227
Unrelated individuals (dollars)	1,008		1,297		2,101	1,777	3,410	2,901	5,186	4,538
Percent below poverty level: ^{1 4}										
Family householders	29.7	31.5	22.4	27.0	16.6	23.5	7.9	12.3	8.3	13.5
Unrelated individuals	58.5	69.1	49.6	64.8	40.0	49.9	25.8	31.7	25.3	30.4
PERCENT DISTRIBUTION										
Marital status: ¹										
Single	7.3	8.5	6.6	7.7	7.5	7.7	4.7	5.8	5.1	5.9
Married	71.7	36.8	71.3	36.0	73.1	35.6	79.3	39.1	77.6	39.7
Spouse present	69.0	35.0	67.9	34.1	69.9	33.9	77.3	37.6	75.5	38.0
Spouse absent	2.7	1.8	3.4	1.9	3.2	1.7	2.0	1.5	2.0	1.7
Widowed	19.4	53.1	19.5	54.4	17.1	54.4	13.6	52.5	13.6	51.0
Divorced	1.7	1.5	2.6	1.9	2.3	2.3	2.5	2.6	3.7	3.4
Family status: ¹										
In families	82.3	67.7	80.3	62.9	79.2	58.5	83.3	59.3	83.0	57.0
Nonfamily householders	12.8	26.8	13.9	30.6	14.9	35.2	15.4	39.4	15.5	41.8
Secondary individuals	2.4	3.0	2.3	2.2	2.4	1.9	1.2	1.3	1.5	1.1
Residents of institutions ¹	2.5	2.4	3.5	4.3	3.6	4.4	(NA)	(NA)	(NA)	(NA)
Years of school completed:										
8 years or less	72.5	66.4	67.9	61.5	61.5	56.1	52.6	48.0	45.4	41.6
1-3 years of high school	10.4	12.8	10.3	13.8	12.6	13.9	14.0	15.5	15.5	16.7
4 years of high school	7.8	11.6	11.3	14.3	12.5	18.1	16.8	21.8	21.4	25.8
1-3 years of college	4.9	6.1	4.9	5.8	5.6	6.7	7.2	8.4	7.5	8.6
4 years or more of college	4.3	3.2	5.6	4.5	7.9	5.2	9.4	6.3	10.2	7.3
Labor force participation: ⁵										
Employed	30.9	9.9	26.8	10.2	26.2	10.0	21.1	7.8	18.6	7.9
Unemployed	1.7	.4	1.3	.4	1.0	.3	1.2	.4	.5	.3
Not in labor force	67.3	89.7	71.9	89.5	72.8	89.7	77.7	91.8	80.9	91.8
Living arrangements: ¹										
Living in household	97.4	97.0	96.2	95.3	95.5	95.0	99.8	99.8	99.9	99.7
Living alone	(NA)	(NA)	13.1	28.6	14.1	33.8	14.8	38.0	14.7	40.9
Spouse present ⁶	73.2	36.9	67.9	34.1	69.9	33.9	77.3	37.6	75.5	38.0
Living with someone else	(NA)	(NA)	15.2	32.6	11.5	27.4	7.7	24.2	9.7	20.8
Not in household ⁷	2.6	3.0	3.8	4.7	4.5	5.0	.2	.2	.1	.3

NA Not available. ¹Resident population as of March. Beginning 1975, excludes institutional population. ²Estimated total resident population as of July. ³Income for preceding year. For definition of median, see Guide to Tabular Presentation.

⁴Poverty status based on income in preceding year. ⁵Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly. ⁶For 1960 and 1965, includes a small number of "spouse present" in group quarters. ⁷In institutions and other group quarters.

Source: Except as noted, U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 365, and earlier reports; series P-23, Nos. 57, 59, and 85; series P-25, No. 721; and series P-60, No. 129 and earlier reports.

No. 36. RESIDENT POPULATION, BY RACE AND SPANISH ORIGIN, BY STATE: 1980

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

REGION, DIVISION AND STATE	Total	White	Black	American Indian ¹	Chinese	Fillipino	Japanese	Asian Indian	Korean	Vietnamese	All other races	Spanish origin ²
U.S.	226,505	188,341	26,488	1,418	806	775	701	362	355	262	6,998	14,608
Regions:												
Northeast	49,137	42,328	4,849	78.2	217.7	75.1	46.9	120.8	68.2	24.9	1,328.0	2,604
No. Cent.	58,854	52,184	5,337	248.5	72.9	79.9	44.4	85.1	62.1	36.6	703.8	1,276
South	75,349	58,944	14,041	372.1	90.6	82.6	44.6	83.6	70.4	80.2	1,539.6	4,473
West	43,166	34,885	2,262	719.4	424.8	537.0	564.8	72.1	153.9	120.0	3,427.1	6,252
N. Eng.	12,349	11,586	475	21.6	33.0	8.5	7.8	15.5	8.6	6.1	187.2	299
Maine	1,125	1,110	3	4.1	.5	.7	.3	.4	.5	.5	.4	5
N.H.	921	910	4	1.4	.8	.3	.4	.6	.5	.2	2.3	6
Vt.	512	507	1	1.0	.3	.1	.2	.3	.3	.1	1.3	3
Mass.	5,797	5,363	221	7.7	25.0	3.1	4.5	8.4	4.7	3.2	96.4	141
R.I.	948	897	28	2.9	1.7	1.2	.5	.9	.6	.3	14.8	20
Conn.	3,107	2,799	217	4.5	4.7	3.1	1.9	5.0	2.1	1.8	67.6	124
Mid. Atl.	36,788	30,743	4,374	56.6	184.8	66.6	39.1	105.2	59.5	18.8	1,140.9	2,305
N.Y.	17,557	13,961	2,402	38.7	148.1	34.0	24.5	60.5	34.2	6.6	847.7	1,659
N.J.	7,364	6,127	925	8.4	23.4	24.4	9.9	29.5	12.8	2.9	201.0	492
Pa.	11,867	10,654	1,048	9.5	13.3	8.3	4.7	15.2	12.5	9.3	92.1	154
E. No. Cent.	41,670	36,139	4,548	105.9	57.6	68.8	34.5	71.4	45.8	19.3	579.5	1,068
Ohio	10,797	9,597	1,077	12.2	9.9	7.4	5.5	13.1	7.3	3.5	64.5	120
Ind.	5,491	5,005	415	7.8	4.0	3.6	2.4	4.3	3.3	2.3	43.2	87
Ill.	11,419	9,226	1,675	16.3	28.6	43.8	18.6	35.7	24.0	7.0	343.7	636
Mich.	9,259	7,869	1,199	40.0	11.0	11.2	5.9	14.7	8.7	4.2	95.0	162
Wis.	4,706	4,443	183	29.5	4.1	2.7	2.2	3.7	2.6	2.2	33.1	63
W. No. Cent.	17,185	16,045	789	142.6	15.3	11.2	9.9	13.7	16.3	17.3	124.3	209
Minn.	4,077	3,937	53	35.0	4.8	2.7	2.8	3.7	6.3	5.9	25.7	32
Iowa	2,914	2,839	42	5.5	2.1	1.2	1.0	2.1	2.3	2.5	16.2	26
Mo.	4,917	4,346	514	12.3	4.3	4.0	2.7	4.1	3.5	3.2	22.8	52
N. Dak.	654	626	3	20.2	.3	.4	.2	.3	.3	.3	2.5	4
S. Dak.	690	639	2	45.1	.3	.3	.3	.2	.3	.4	2.3	4
Nebr.	1,570	1,491	48	9.2	1.1	.9	1.4	.9	1.0	1.4	15.1	28
Kans.	2,363	2,168	126	15.4	2.4	1.7	1.6	2.4	2.6	3.7	39.6	63
So. Atl.	36,944	28,648	7,648	118.7	50.6	56.5	25.1	46.2	44.7	28.4	277.4	1,194
Del.	596	489	96	1.3	1.0	.8	.4	1.1	.5	.2	5.4	10
Md.	4,216	3,158	958	8.0	14.5	11.0	4.8	13.7	15.1	4.1	28.8	65
D.C.	638	172	448	1.0	2.5	1.3	.8	1.0	.3	.5	10.3	18
Va.	5,346	4,230	1,008	9.3	9.4	18.9	5.2	8.5	12.6	10.0	34.4	80
W. Va.	1,950	1,875	65	1.6	.9	1.3	.4	1.6	.6	.3	3.2	13
N.C.	5,874	4,453	1,316	64.6	3.2	2.5	3.2	4.7	3.6	2.4	21.1	57
S.C.	3,119	2,145	948	5.8	1.4	3.7	1.4	2.1	1.4	1.1	9.1	33
Ga.	5,464	3,948	1,465	7.6	4.3	2.8	3.4	4.3	6.0	2.3	20.1	61
Fla.	9,739	8,178	1,342	19.3	13.5	14.2	5.6	9.1	4.7	7.6	145.2	858
E. So. Cent.	14,663	11,700	2,868	22.5	7.6	5.7	4.8	8.6	6.7	5.1	34.1	119
Ky.	3,661	3,380	259	3.6	1.3	1.4	1.1	2.2	2.1	1.1	9.5	27
Tenn.	4,591	3,835	726	5.1	2.9	1.9	1.7	3.2	2.2	1.4	11.3	34
Ala.	3,891	2,870	996	7.6	1.5	1.0	1.4	2.0	1.8	1.3	8.2	33
Miss.	2,520	1,615	887	6.2	1.8	1.4	.7	1.2	.6	1.3	5.1	25
W. So. Cent.	23,743	18,597	3,525	231.0	32.5	20.3	14.7	28.8	19.0	46.7	1,228.0	3,160
Ark.	2,285	1,890	373	9.4	1.3	.9	.8	.6	.6	2.0	6.5	18
La.	4,203	2,911	1,237	12.1	3.3	2.6	1.5	2.9	1.7	10.9	20.5	99
Okl.	3,026	2,598	205	169.5	2.5	1.7	2.0	2.9	2.7	4.7	37.0	57
Tex.	14,228	11,198	1,710	40.1	25.5	15.1	10.5	22.2	14.0	29.1	1,164.0	2,986
Mt.	11,369	9,959	269	363.2	19.5	13.8	26.9	7.3	13.0	11.2	686.3	1,441
Mont.	787	740	2	37.3	.3	.5	.8	.2	.3	.3	5.2	10
Idaho	945	902	3	10.5	.9	.7	2.6	.3	.6	.4	23.5	37
Wyo.	471	448	3	7.1	.4	.3	.6	.2	.2	.2	10.8	24
Colo.	2,890	2,571	102	18.1	3.9	2.9	9.9	2.3	5.3	4.0	170.2	339
N. Mex.	1,299	976	24	104.8	1.4	1.2	1.3	.8	.7	1.0	188.2	476
Ariz.	2,718	2,240	75	152.9	6.8	3.4	4.1	2.1	2.4	2.0	229.1	441
Utah	1,461	1,383	9	19.3	2.7	.9	5.5	.8	1.3	2.1	36.6	60
Nev.	799	699	51	13.3	3.0	4.0	2.3	.6	2.0	1.1	22.6	54
Pac.	31,797	24,926	1,993	356.2	405.3	523.2	537.8	64.8	140.9	108.8	2,740.8	4,811
Wash.	4,130	3,777	106	60.8	18.1	24.4	26.4	4.0	13.1	9.8	90.8	120
Oreg.	2,632	2,490	37	27.3	8.0	4.3	8.4	1.9	4.4	5.6	45.5	66
Calif.	23,669	18,032	1,819	201.3	322.3	357.5	261.8	58.0	103.9	89.6	2,423.1	4,544
Alaska	400	308	14	64.0	.5	3.1	1.6	.2	1.5	.4	7.0	9
Hawaii	965	319	17	2.8	56.3	134.0	239.6	.6	17.9	3.5	174.4	71

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

Source: U.S. Bureau of the Census, 1980 *Census of Population and Housing*, Advance Reports, series PHC 80-V.

NO. 37. RESIDENT POPULATION, BY SEX AND RACE—STATES: 1980

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

DIVISION AND STATE	WHITE		BLACK		SPANISH ORIGIN ¹		DIVISION AND STATE	WHITE		BLACK		SPANISH ORIGIN ¹	
	Male	Female	Male	Female	Male	Female		Male	Female	Male	Female	Male	Female
U.S.	91,670	96,671	12,516	13,972	7,278	7,328	S.A.—Con.						
N.E.	5,558	6,028	225	249	146	153	W. Va.....	910	965	30	35	6	6
Maine.....	539	571	2	1	3	2	N.C.....	2,175	2,278	625	691	30	27
N.H.....	443	467	2	2	3	3	S.C.....	1,056	1,089	448	501	17	16
Vt.....	247	260	1	1	2	2	Ga.....	1,929	2,019	686	779	31	30
Mass.....	2,551	2,812	105	116	68	73	Fla.....	3,926	4,253	637	706	414	444
R.I.....	427	470	13	14	10	10	E.S.C.	5,697	6,002	1,344	1,524	59	60
Conn.....	1,352	1,448	102	115	61	64	Ky.....	1,652	1,728	126	133	14	13
M.A.	14,739	16,004	2,009	2,365	1,098	1,207	Tenn.....	1,862	1,973	339	387	17	17
N.Y.....	6,671	7,290	1,094	1,308	783	876	Ala.....	1,395	1,475	462	533	16	17
N.J.....	2,949	3,178	431	494	239	253	Miss.....	789	827	416	471	12	13
Pa.....	5,118	5,536	484	563	77	77	W.S.C.	9,121	9,476	1,677	1,848	1,575	1,585
E.N.C.	17,595	18,544	2,141	2,407	550	518	Ark.....	919	971	174	199	9	9
Ohio.....	4,650	4,948	506	571	60	60	La.....	1,430	1,481	580	657	49	50
Ind.....	2,434	2,571	197	218	44	43	Okla.....	1,266	1,331	99	105	30	28
Ill.....	4,484	4,741	782	893	332	304	Tex.....	5,505	5,693	823	887	1,487	1,499
Mich.....	3,850	4,019	569	630	82	81	Mt.	4,938	5,021	139	130	723	719
Wis.....	2,177	2,265	87	95	33	30	Mont.....	369	371	1	1	5	5
W.N.C.	7,818	8,227	379	410	106	102	Idaho.....	448	453	2	1	20	16
Minn.....	1,928	2,009	27	26	16	16	Wyo.....	229	218	2	1	13	12
Iowa.....	1,379	1,460	21	21	13	13	Colo.....	1,273	1,298	52	50	170	169
Mo.....	2,097	2,249	241	274	26	26	N. Mex.....	481	495	13	11	235	241
N. Dak.....	315	311	2	1	2	2	Ariz.....	1,099	1,141	39	36	220	221
S. Dak.....	315	324	1	1	2	2	Utah.....	684	698	5	4	31	30
Nebr.....	727	764	23	25	14	14	Nev.....	354	345	25	25	28	26
Kans.....	1,058	1,110	63	63	33	30	Pac.	12,273	12,654	986	1,007	2,439	2,371
Cal.	13,932	14,716	3,616	4,032	582	612	Wash.....	1,870	1,908	57	48	64	56
Del.....	237	252	45	51	5	5	Oreg.....	1,223	1,268	19	18	35	30
Md.....	1,540	1,619	454	504	32	33	Calif.....	8,844	9,187	690	929	2,299	2,245
D.C.....	80	92	206	242	8	10	Alaska.....	165	144	8	6	5	4
Va.....	2,080	2,150	484	524	40	40	Hawaii.....	171	148	12	6	37	35

¹ Persons of Spanish origin may be of any race.Source: U.S. Bureau of the Census, *1980 Census of Population, Supplementary Reports, PC80-S1-1*, and unpublished data.

NO. 38. POPULATION, BY RACE, NATIVITY, AND SEX, 1920 TO 1970, AND BY URBAN AND RURAL RESIDENCE, 1970

(In thousands, except percent. Prior to 1960, excludes Alaska and Hawaii. In some instances, breakdown does not add to total because data are derived from different tabulations. See *Historical Statistics, Colonial Times to 1970*, series A 105-118 for foreign born and A 135-142 for native born)

RACE, NATIVITY, AND SEX	1920	1930	1940	1950	1960 ¹	1970 ¹		
						Total	Urban	Rural
Total	105,711	122,775	131,669	150,697	179,326	203,210	149,332	53,878
Native.....	91,790	108,571	120,074	139,869	169,588	193,591	140,612	52,979
Percent of total.....	86.8	88.4	91.2	92.8	94.8	95.3	94.2	98.3
Foreign born.....	13,921	14,204	11,595	10,347	9,738	9,619	8,720	899
Percent of total.....	13.2	11.6	8.8	6.9	5.4	4.7	5.8	1.7
White	94,821	110,287	118,215	134,942	158,838	178,119	129,077	49,042
Native.....	81,108	96,303	106,796	124,781	149,544	169,385	121,187	48,198
Foreign born.....	13,713	13,983	11,419	10,161	9,284	8,734	7,890	844
Other races ²	10,890	12,488	13,455	15,755	20,488	25,091	20,255	4,836
Male	53,900	62,137	66,062	74,833	88,303	98,882	71,399	26,942
Native.....	(NA)	(NA)	59,940	68,942	83,543	94,478	(NA)	(NA)
Foreign born.....	(NA)	(NA)	6,122	5,258	4,760	4,404	(NA)	(NA)
White	48,431	55,923	59,449	67,129	78,348	86,893	62,352	24,541
Native.....	40,902	48,420	53,438	61,952	73,840	82,910	58,769	24,147
Foreign born.....	7,528	7,502	6,011	5,176	4,508	3,983	3,583	399
Other races ²	15,470	16,215	16,613	17,704	19,956	11,889	9,587	2,401
Female	51,810	60,638	65,608	75,864	91,022	104,328	77,393	26,936
Native.....	(NA)	(NA)	60,134	70,927	86,045	99,113	(NA)	(NA)
Foreign born.....	(NA)	(NA)	5,473	5,089	4,978	5,216	(NA)	(NA)
White	49,390	54,364	58,766	67,813	80,490	91,226	66,725	24,501
Native.....	40,206	47,883	53,358	62,828	75,703	86,475	62,419	24,057
Foreign born.....	6,184	6,481	5,408	4,985	4,786	4,751	4,307	444
Other races ²	15,420	16,274	16,841	18,052	10,533	13,102	10,668	2,435

NA Not available.

¹ Based on sample.² Blacks, American Indians, Aleuts, Eskimos, Hawaiians, Koreans, and other races not shown separately.Source: U.S. Bureau of the Census, *U.S. Census of Population: 1930*, vol. II; *1950*, vol. II, part 1, and vol. IV, part 3; *1960*, vol. I and vol. II, part 1A; and *1970*, vol. I, part 1C.

No. 39. NATIVE POPULATION, BY PLACE OF BIRTH: 1900 TO 1970

[In thousands, except percent. 1950 based on 20-percent sample; 1960 on 25-percent sample; 1970 on 15-percent sample. See source for sampling variability. See also *Historical Statistics, Colonial Times to 1970*, series C 1-10]

YEAR	Total	Born in State of residence	BORN IN OTHER STATES		State of birth not reported	Born in outlying areas ¹	Born abroad or at sea of American parents
			Number	Percent			
1900	65,653	51,902	13,501	20.6	180	3	67
1910	78,456	61,185	16,810	21.6	286	7	68
1920	91,790	71,071	20,274	22.1	314	38	93
1930	108,571	82,678	25,388	23.4	238	136	131
1940	120,074	92,610	26,906	22.4	280	157	122
1950	139,869	102,788	35,284	25.2	1,370	330	96
1960	169,588	119,293	44,691	26.4	4,541	660	402
1970	193,591	131,718	50,639	26.2	8,973	891	1,370

¹ Through 1950, includes Alaska and Hawaii. Includes Puerto Rico, a U.S. possession from 1898 to 1952 and a commonwealth since 1952.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. II, part 2A, and 1970, vol. I, parts C and D.

No. 40. FOREIGN STOCK, BY COUNTRY OF ORIGIN: 1960 AND 1970

[In thousands, except as indicated. 1960 based on 25-percent sample; 1970 on 15-percent sample. See source for sampling variability. See also *Historical Statistics, Colonial Times to 1970*, series C 195-295]

COUNTRY OF ORIGIN	1960		1970						
	Total	Per cent	Total	Per cent	Foreign born	Native of foreign or mixed parentage	Percent high school graduates ¹	Number of families	Median family income ²
All countries	34,050	100.0	33,575	100.0	9,619	23,956	48.1	11,706	\$10,719
United Kingdom	2,885	8.5	2,465	7.3	686	1,779	60.0	810	11,120
Ireland (Eire)	1,773	5.2	1,450	4.3	251	1,199	54.6	506	11,509
Norway	775	2.3	615	1.8	97	517	48.7	238	9,615
Sweden	1,047	3.1	806	2.4	127	679	52.4	326	10,038
Denmark	399	1.2	326	1.0	61	264	52.8	129	9,711
Netherlands	399	1.2	384	1.1	111	273	48.1	141	10,730
Switzerland	263	.8	219	.7	50	169	(NA)	(NA)	(NA)
France	352	1.0	343	1.0	105	238	55.6	95	10,389
Germany ³	4,321	12.7	3,622	10.8	833	2,789	42.3	1,221	9,505
Poland	2,780	8.2	2,374	7.1	548	1,826	41.4	961	11,767
Czechoslovakia	918	2.7	760	2.3	161	599	42.6	300	10,676
Austria	1,099	3.2	975	2.9	214	761	49.0	389	11,733
Hungary	702	2.1	604	1.8	183	420	48.3	236	11,845
Yugoslavia	449	1.3	447	1.3	154	294	44.6	170	11,388
Soviet Union	2,290	6.7	1,943	5.8	463	1,480	60.0	817	13,165
Lithuania	403	1.2	331	1.0	76	255	52.0	133	12,317
Greece	379	1.1	435	1.3	177	257	53.6	154	11,132
Italy	4,544	13.3	4,241	12.6	1,009	3,232	40.1	1,740	11,115
Other Europe	1,773	3.4	1,214	3.6	405	809	(NA)	(NA)	(NA)
Asia ⁴	1,142	3.4	1,745	5.2	825	920	(NA)	(NA)	(NA)
Western Asia ⁵	335	1.0	399	1.2	174	225	(NA)	(NA)	(NA)
China (incl. Taiwan)	208	.6	339	1.0	172	167	57.5	84	10,683
Japan	322	.9	394	1.2	120	274	68.1	106	12,772
Other Asia	276	.8	613	1.8	358	255	(NA)	(NA)	(NA)
Canada	3,181	9.3	3,035	9.0	812	2,222	54.6	950	10,794
Mexico	1,736	5.1	2,339	7.0	760	1,579	24.1	637	7,263
Cuba	124	.4	561	1.7	439	122	44.6	143	8,728
Other America	456	1.3	963	2.9	605	358	(NA)	(NA)	(NA)
Other ⁶ and not reported	462	1.4	1,380	4.1	466	914	(NA)	(NA)	(NA)

NA Not available. ¹ Persons 25 years old and over. ² Income received during 1969; for definition of median, see Guide to Tabular Presentation. ³ German Democratic Republic and Federal Republic of Germany. ⁴ For 1960, United Arab Republic included in Asia; for 1970, in "Other." ⁵ Includes Turkey in Europe.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. I, and 1970, vol. I and vol. II, PC(2)-1A.

NO. 41. CURRENT LANGUAGES OTHER THAN ENGLISH SPOKEN AT HOME: 1979

[See headnote, table 42]

CURRENT LANGUAGE SPOKEN	PERSONS 5 TO 17 YEARS OLD		PERSONS 18 YRS. OLD AND OVER		CURRENT LANGUAGE SPOKEN	PERSONS 5 TO 17 YEARS OLD		PERSONS 18 YRS. OLD AND OVER	
	Total (1,000)	Difficulty with English ¹ (per cent)	Total (1,000)	Difficulty with English ¹ (per cent)		Total (1,000)	Difficulty with English ¹ (per cent)	Total (1,000)	Difficulty with English ¹ (per cent)
Total persons.....	46,369	(x)	154,443	(x)	Polish.....	30	(b)	701	16.5
Speaking language other than English.....	3,826	12.2	14,158	24.1	Chinese.....	94	10.6	420	32.4
Spanish.....	2,538	13.9	6,231	34.1	Greek.....	79	-	286	29.0
Italian.....	168	.6	1,186	18.3	Filipino.....	67	(b)	351	16.2
French.....	134	-	853	6.4	Portuguese.....	60	(b)	185	36.8
German.....	158	.6	1,103	4.4	Japanese.....	39	(b)	227	26.9
					Korean.....	42	(b)	149	47.0
					All other.....	415	17.3	2,469	15.3

- Represents zero or rounds to zero. B Base less than 75,000. X Not applicable. ¹ Persons reported as speaking English "not well" or "not at all".

NO. 42. POPULATION, BY ANCESTRY—SELECTED CHARACTERISTICS: 1979

[As of November. Based on Current Population Survey; sample designed on basis of 1970 census. See text, pp. 1-3. Covers civilian noninstitutional population. Families are classified by ancestry group of householder. For definition of median, see Guide to Tabular Presentation]

ANCESTRY	Total (1,000)	Median age (years)	Percent foreign born	Percent native of foreign or mixed parent age	Percent high school graduates ¹	Percent completed 1 year or more of college ¹	Number of families (1,000)	Median family income
Total population².....	216,613	30.3	5.4	10.9	68.7	31.5	59,001	\$15,764
Total, reported at least one specific ancestry.....	179,078	30.3	6.2	12.6	70.7	33.2	48,552	16,224
Reported single ancestry group ³	96,496	34.6	10.4	16.9	66.0	29.5	31,243	15,456
English.....	11,501	40.4	3.8	6.2	75.7	37.8	4,039	16,891
German.....	17,160	37.1	4.0	10.7	72.2	30.2	6,196	17,531
Irish.....	9,760	39.0	2.7	10.4	69.5	30.4	3,174	16,092
Italian.....	6,110	42.3	13.1	44.1	61.5	22.4	2,134	16,993
Polish.....	3,498	46.0	10.8	40.3	61.6	25.4	1,205	16,977
Spanish.....	9,762	23.5	30.3	25.1	41.4	16.6	2,459	10,607
Reported multiple ancestry group ⁴	82,582	24.5	1.2	7.8	78.2	39.0	17,309	17,810
English and other group(s).....	28,503	27.1	.9	5.7	81.4	43.7	8,344	18,680
German and other group(s).....	34,489	23.0	.6	5.9	80.2	38.8	6,889	18,375
Irish and other group(s).....	33,992	25.7	.5	4.5	75.1	34.7	7,112	16,860

¹ Covers persons 25 years old and over. ² Includes responses indicating "American," religious groups, and persons who did not report or whose ancestry is not shown separately. ³ Includes single ancestry groups not shown separately. ⁴ Persons reporting multiple groups may be included in more than one multiple ancestry category.

Source of tables 41 and 42: U.S. Bureau of the Census, *Current Population Reports*, series P-23, forthcoming report; and unpublished data.

NO. 43. U.S. POPULATION LIVING ABROAD: 1968 TO 1979

[In thousands. As of June 30, except as noted. Based on reports from U.S. consulates and data from the Dept. of Defense and Office of Personnel Management]

ITEM AND AREA	1968	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total¹.....	2,513	2,454	2,172	2,189	2,098	2,196	2,166	2,293	2,406	2,489
Private citizens.....	² 812	966	1,142	1,193	1,156	1,248	1,305	1,410	1,523	1,559
Federal civilian employees.....	55	40	32	34	39	39	38	46	45	44
Military forces ³	1,241	1,071	628	585	519	517	464	483	494	481
Civilian and military dependents.....	405	377	370	377	384	392	359	354	344	405
Canada.....	171	237	273	281	239	243	280	265	269	257
Mexico.....	79	90	98	105	106	129	131	163	213	208
Europe.....	534	550	639	693	693	727	712	768	792	869
United Kingdom.....	68	72	100	107	102	100	109	125	137	136
Italy.....	65	70	81	84	89	121	91	99	105	110
Germany, F.R.....	218	205	227	236	246	248	247	259	254	321
Middle East.....	40	42	74	81	88	105	108	136	155	140
Other.....	448	465	458	454	463	474	471	478	484	533

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

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

NO. 44. PERSONS OF SPANISH ORIGIN—SELECTED CHARACTERISTICS: 1980

[As of March. Persons of Spanish origin may be of any race. See headnote, table 42]

CHARACTERISTIC	Total	Mexican	Puerto Rican	Other ¹	CHARACTERISTIC	Total	Mexican	Puerto Rican	Other ¹
Total (1,000)	13,244	7,932	1,823	3,489	Persons 16 years old and over (1,000).....	8,305	4,886	1,088	2,331
Male (1,000).....	6,597	4,076	838	1,682	In civilian labor force (1,000).....	5,310	3,266	560	1,484
Female (1,000).....	6,647	3,856	985	1,807	Percent of total.....	63.9	66.9	51.4	63.6
PERCENT DISTRIBUTION					Percent unemployed.....	8.9	9.4	11.7	6.6
Age (in years):					Male:				
Under 5.....	12.9	13.5	13.5	10.9	Employed (1,000).....	3,037	1,920	310	806
5-13.....	20.3	21.0	22.0	17.9	Percent distribution.....	100.0	100.0	100.0	100.0
14-17.....	8.0	7.9	8.8	8.1	White-collar workers.....	25.9	21.5	26.9	35.8
18-21.....	8.5	9.0	8.1	7.7	Blue-collar workers.....	56.0	59.9	50.5	48.7
22-24.....	5.8	6.3	5.1	5.0	Service workers.....	13.6	12.4	21.1	13.4
					Farm workers.....	4.6	6.1	1.5	2.0
25-34.....	16.5	17.4	17.6	14.0	Female:				
35-44.....	11.1	10.0	10.8	13.7	Employed (1,000).....	1,802	1,038	185	579
45-54.....	7.9	7.2	7.1	9.9	Percent distribution.....	100.0	100.0	100.0	100.0
55-64.....	4.8	4.1	4.5	6.4	White-collar workers.....	50.3	48.9	49.0	53.3
65 and over.....	4.2	3.7	2.7	6.4	Blue-collar workers.....	28.0	25.8	36.2	29.2
Marital status: ²					Service workers.....	20.6	23.5	14.4	17.3
Single.....	30.1	29.9	34.8	28.2	Farm workers.....	1.1	1.8	.4	.2
Married.....	60.8	62.0	55.7	60.6	Families, total (1,000).....	3,100	1,785	461	854
Widowed.....	3.9	3.5	3.9	4.9	Percent distribution:				
Divorced.....	5.2	4.6	5.6	6.3	Married couple.....	76.5	80.5	58.6	78.0
Years of school completed: ³					Female householder ³	19.2	14.8	38.2	18.0
Male:					Family money income, 1979:				
Less than 5 years.....	15.5	21.1	12.4	5.1	Percent with income—				
4 years of high school or more.....	46.4	40.7	40.3	61.3	Under \$5,000.....	12.2	10.6	23.5	9.6
College, 4 or more years ..	9.7	6.6	6.9	17.4	\$5,000 to \$9,999.....	19.5	18.6	27.0	17.1
Female:					\$10,000 to \$14,999.....	19.8	20.1	17.8	20.1
Less than 5 years.....	15.3	19.9	16.7	6.5	\$15,000 to \$19,999.....	15.6	17.4	10.3	14.6
4 years of high school or more.....	44.1	38.4	36.8	57.4	\$20,000 to \$24,999.....	12.9	13.7	8.1	11.6
College, 4 or more years ..	6.2	3.2	5.5	11.7	\$25,000 to \$34,999.....	12.7	12.3	9.2	15.1
Residence of families:					\$35,000 and over.....	8.0	7.3	4.1	12.0
Metro. areas (SMSA's) ⁴	83.5	79.3	94.5	86.3	Median income (\$1,000).....	14.6	15.2	9.9	16.1
Central cities.....	48.2	43.4	74.7	44.1	Percent below poverty level ⁵	19.7	18.1	37.9	13.2
Nonmetro. areas.....	16.5	20.7	5.5	13.7	Percent below 125% of poverty level ⁶	27.0	25.9	44.6	19.7

¹ Includes Cuban, Central or South American, and other Spanish origin. ² Persons 15 years old and over. ³ Persons 25 years old and over. ⁴ Standard metropolitan statistical areas (243) as defined for the 1970 Census of Population. See Appendix II. ⁵ No spouse present. ⁶ For poverty levels, see table 746.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 361, and unpublished data.

NO. 45. MARITAL STATUS OF THE SPANISH-ORIGIN POPULATION: 1970 TO 1980

[1970 and 1975, persons 14 years old and over; 1980, persons 15 years and over. 1970 as of April; other years as of March and based on Current Population Survey, which includes members of Armed Forces living off post or with their families on post, but excludes all other members of Armed Forces. See text, p. 1]

YEAR, SEX, AND ETHNIC ORIGIN	NUMBER OF PERSONS (1,000)					PERCENT DISTRIBUTION				
	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
Total: 1970	5,872	1,718	3,666	287	201	100.0	29.3	62.4	4.9	3.4
1975.....	7,264	2,293	4,378	298	296	100.0	31.6	60.3	4.1	4.1
1980.....	8,562	2,574	5,205	337	446	100.0	30.1	60.8	3.9	5.2
Male: 1970	2,838	914	1,801	56	67	100.0	32.2	63.5	2.0	2.3
1975.....	3,520	1,277	2,103	42	98	100.0	36.3	59.7	1.2	2.8
1980.....	4,224	1,377	2,643	58	146	100.0	32.6	62.6	1.4	3.5
Mexican.....	2,585	828	1,625	41	92	100.0	32.0	62.9	1.6	3.6
Puerto Rican.....	495	182	297	4	12	100.0	36.8	60.0	.7	2.4
Cuban.....	314	87	214	2	11	100.0	27.7	68.1	.8	3.4
Central or South American.....	330	119	196	3	12	100.0	36.1	59.3	.9	3.7
Other.....	500	161	312	8	19	100.0	32.2	62.4	1.7	3.8
Female: 1970	3,033	804	1,864	231	134	100.0	26.5	61.5	7.6	4.4
1975.....	3,744	1,016	2,275	256	198	100.0	27.1	60.8	6.8	5.3
1980.....	4,338	1,197	2,562	279	300	100.0	27.6	59.1	6.4	6.9
Mexican.....	2,453	678	1,500	136	139	100.0	27.6	61.2	5.5	5.7
Puerto Rican.....	634	211	332	40	51	100.0	33.2	52.3	6.4	8.1
Cuban.....	330	66	196	38	30	100.0	20.1	59.4	11.4	9.2
Central or South American.....	395	106	234	21	34	100.0	26.8	59.2	5.3	8.7
Other.....	526	137	300	44	45	100.0	26.0	57.0	8.5	8.6

Source: U.S. Bureau of the Census, *Census of Population: 1970*, PC(2)1C, *Persons of Spanish Origin*, and *Current Population Reports*, series P-20, No. 287, and forthcoming report.

NO. 46. MARITAL STATUS OF THE POPULATION, BY SEX: 1940 TO 1980

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

SEX AND MARITAL STATUS	1940 ¹	1950	1960	1965	1970	1975	1976	1977	1978	1979	1980
Total	101.1	111.7	125.5	121.8	132.5	143.2	145.8	148.3	150.7	153.3	156.2
Single.....	31.5	25.5	27.7	18.2	21.4	25.1	26.2	27.5	29.1	30.6	31.4
Married.....	60.3	74.9	84.4	89.2	95.0	99.7	100.6	100.8	101.0	101.5	102.6
Widowed.....	7.8	9.3	10.6	10.9	11.8	11.9	11.8	11.9	12.0	12.4	12.5
Divorced.....	1.4	2.1	2.9	3.5	4.3	6.5	7.2	8.0	8.6	8.8	9.7
Percent of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Single.....	31.2	22.8	22.0	14.9	16.2	17.5	18.0	18.5	19.3	20.0	20.1
Married.....	59.6	67.0	67.3	73.2	71.7	69.6	69.0	68.0	67.0	66.2	65.7
Widowed.....	7.8	8.3	8.4	9.0	8.9	8.3	8.1	8.0	8.0	8.1	8.0
Divorced.....	1.4	1.9	2.3	2.9	3.2	4.6	4.9	5.4	5.7	5.8	6.2
Males, total	50.6	54.8	60.6	58.0	62.5	67.9	69.1	70.3	71.5	72.7	74.1
Single.....	17.6	14.3	15.4	10.3	11.8	14.1	14.7	15.4	16.1	17.0	17.4
Married.....	30.2	37.2	41.8	44.2	47.1	49.4	49.8	49.9	50.1	50.3	50.8
Widowed.....	2.1	2.3	2.3	2.1	2.1	1.8	1.8	1.9	1.9	1.9	2.0
Divorced.....	.6	.9	1.1	1.4	1.6	2.5	2.8	3.2	3.4	3.5	3.9
Percent of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Single.....	34.8	26.2	25.3	17.7	18.9	20.8	21.2	21.9	22.5	23.3	23.5
Married.....	59.7	68.0	69.1	76.2	75.3	72.8	72.2	70.9	70.1	69.2	68.6
Widowed.....	4.2	4.2	3.7	3.7	3.3	2.7	2.6	2.7	2.7	2.7	2.7
Divorced.....	1.2	1.7	1.9	2.5	2.5	3.7	4.0	4.5	4.7	4.8	5.2
Standardized for age:²											
Single.....	30.7	26.2	25.3	16.4	16.5	16.6	16.7	17.2	17.9	18.6	18.7
Married.....	62.6	67.4	69.1	77.5	77.6	76.6	76.2	75.1	74.3	73.5	72.8
Widowed.....	5.4	4.7	3.7	3.6	3.3	2.8	2.7	2.8	2.8	2.8	2.8
Divorced.....	1.3	1.7	1.9	2.5	2.6	4.0	4.3	4.8	5.0	5.1	5.6
Females, total	50.5	57.0	64.9	63.8	70.0	75.3	76.7	77.9	79.3	80.6	82.1
Single.....	13.9	11.1	12.3	7.9	9.6	11.0	11.5	12.2	13.0	13.6	14.0
Married.....	30.1	37.6	42.6	45.0	47.9	50.3	50.8	50.9	50.9	51.2	51.8
Widowed.....	5.7	7.0	8.3	8.8	9.7	10.1	10.0	10.0	10.1	10.4	10.5
Divorced.....	.8	1.2	1.7	2.1	2.7	4.0	4.4	4.9	5.3	5.4	5.8
Percent of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Single.....	27.6	19.6	19.0	12.4	13.7	14.6	15.0	15.6	16.4	16.9	17.0
Married.....	59.5	66.1	65.6	70.5	68.5	66.7	66.2	65.3	64.2	63.5	63.1
Widowed.....	11.3	12.2	12.8	13.8	13.9	13.4	13.1	12.9	12.7	13.0	12.8
Divorced.....	1.6	2.2	2.6	3.3	3.9	5.3	5.7	6.2	6.6	6.6	7.1
Standardized for age:²											
Single.....	24.2	20.0	19.0	11.6	12.1	12.4	12.6	13.1	13.8	14.3	14.5
Married.....	59.3	63.9	65.6	71.6	70.8	69.2	68.9	68.0	67.0	66.3	65.9
Widowed.....	14.8	14.0	12.8	13.3	13.0	12.8	12.4	12.2	12.1	12.3	12.0
Divorced.....	1.6	2.1	2.6	3.3	4.1	5.6	6.1	6.7	7.1	7.1	7.6

¹ As of April. ² 1960 age distribution used as standard; standardization improves comparability over time by removing effects of changes in age distribution of population.

NO. 47. PERCENT MARRIED AND DIVORCED OF THE POPULATION, 18 YEARS OLD AND OVER: 1960 TO 1980

[As of March. Based on Current Population Survey and excludes Armed Forces except those living off post or with their families on post; see text, p. 1]

SEX AND RACE	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Percent married:										
Male.....	76.4	76.2	75.3	73.7	72.8	72.2	70.9	70.1	69.2	68.6
White.....	77.3	76.9	76.1	74.9	73.9	73.4	72.3	71.7	70.7	70.1
Black and other.....	68.4	70.2	65.4	63.1	63.5	62.0	60.6	58.4	57.5	57.1
Female.....	71.6	70.5	68.5	67.6	66.7	66.2	65.3	64.2	63.5	63.1
White.....	72.2	70.9	69.3	68.8	68.0	67.6	66.7	65.9	65.2	64.8
Black and other.....	66.3	67.6	62.6	58.9	57.3	56.2	55.4	52.6	51.8	51.5
Percent divorced:										
Male.....	2.0	2.5	2.5	3.5	3.7	4.0	4.5	4.7	4.8	5.2
White.....	2.0	2.4	2.4	3.3	3.6	3.8	4.4	4.5	4.5	5.0
Black and other.....	2.2	3.4	3.4	4.6	4.6	5.5	5.0	6.3	6.6	6.6
Female.....	2.9	3.3	3.9	4.9	5.3	5.7	6.2	6.6	6.6	7.1
White.....	2.7	3.1	3.8	4.7	5.0	5.5	6.0	6.3	6.4	6.8
Black and other.....	4.8	4.5	4.8	6.3	7.1	7.4	8.2	8.8	8.3	8.9

Source of tables 46 and 47: U.S. Bureau of the Census, *U.S. Census of Population: 1950*, vol. II, part 1, and *Current Population Reports*, series P-20, No. 349, earlier issues, and forthcoming report.

NO. 48. MARITAL STATUS OF THE BLACK POPULATION: 1960 TO 1980

[1960 and 1965, persons 14 years old and over; thereafter, 18 and over. 1960 as of April, based on 25-percent sample; other years, as of March, and based on Current Population Survey. See headnote, table 45]

SEX AND YEAR	NUMBER OF PERSONS (1,000)					PERCENT DISTRIBUTION				
	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
Total: 1960	12,088	3,078	7,461	1,174	376	100.0	25.5	61.7	9.7	3.1
1965.....	13,273	3,601	7,996	1,194	482	100.0	27.1	60.2	9.0	3.6
1970.....	12,972	2,668	8,310	1,427	567	100.0	20.6	64.1	11.0	4.4
1975.....	14,262	3,449	8,373	1,521	920	100.0	24.2	58.7	10.7	6.5
1976.....	14,668	3,743	8,458	1,452	1,017	100.0	25.5	57.7	9.9	6.9
1977.....	15,076	4,002	8,476	1,497	1,101	100.0	26.5	56.2	9.9	7.3
1978.....	15,414	4,434	8,255	1,451	1,273	100.0	28.8	53.6	9.4	8.3
1979.....	15,728	4,673	8,175	1,567	1,283	100.0	29.7	52.0	10.2	8.2
1980.....	16,163	4,617	8,382	1,596	1,368	100.0	29.8	51.9	9.9	8.5
Male: 1960	5,713	1,692	3,619	264	139	100.0	29.6	63.3	4.6	2.4
1965.....	6,211	1,980	3,795	245	191	100.0	31.9	61.1	3.9	3.1
1970.....	5,898	1,435	3,944	307	212	100.0	24.3	66.9	5.2	3.6
1975.....	6,368	1,733	3,990	319	327	100.0	27.2	62.7	5.0	5.1
1976.....	6,560	1,861	4,042	271	386	100.0	28.4	61.6	4.1	5.9
1977.....	6,756	2,039	4,024	327	367	100.0	30.2	59.6	4.8	5.4
1978.....	6,894	2,160	3,970	285	478	100.0	31.3	57.6	4.1	6.9
1979.....	6,987	2,283	3,893	310	501	100.0	32.7	55.7	4.4	7.2
1980.....	7,199	2,382	3,991	316	511	100.0	33.1	55.4	4.4	7.1
Female: 1960	6,375	1,386	3,842	910	237	100.0	21.7	60.3	14.3	3.7
1965.....	7,062	1,621	4,201	949	291	100.0	23.0	59.5	13.4	4.1
1970.....	7,074	1,233	4,366	1,120	355	100.0	17.4	61.7	15.8	5.0
1975.....	7,894	1,716	4,383	1,202	593	100.0	21.7	55.5	15.2	7.5
1976.....	8,108	1,882	4,416	1,181	631	100.0	23.2	54.5	14.6	7.8
1977.....	8,320	1,963	4,452	1,170	734	100.0	23.6	53.5	14.1	8.8
1978.....	8,520	2,274	4,285	1,166	795	100.0	26.7	50.3	13.7	9.3
1979.....	8,741	2,390	4,282	1,287	782	100.0	27.3	49.0	14.7	8.9
1980.....	8,963	2,435	4,391	1,280	856	100.0	27.2	49.0	14.3	9.6

Source: U.S. Bureau of the Census, *U.S. Census of Population, 1960*, PC(2)1C, *Nonwhite Population by Race*; and *Current Population Reports*, series P-20, No. 365 and earlier issues.

NO. 49. MARITAL STATUS OF THE POPULATION, BY SEX AND AGE: 1980

[In thousands of persons 18 years old and over, except percent. As of March. Based on Current Population Survey, which includes members of Armed Forces living off post or with their families on post, but excludes all other members of the Armed Forces. See text, p. 1. See *Historical Statistics, Colonial Times to 1970*, series A 160-171, for decennial census data]

SEX AND AGE	Total	Single	Married	Widowed	Divorced	PERCENT DISTRIBUTION				
						Total	Single	Married	Widowed	Divorced
Male	74,101	17,434	50,825	1,972	3,871	100.0	23.5	68.6	2.7	5.2
18-19 years.....	4,042	3,808	232	-	2	100.0	94.2	5.7	-	-
20-24 years.....	9,601	6,721	2,824	2	154	100.0	68.6	29.8	-	1.6
25-29 years.....	9,076	2,940	5,650	8	479	100.0	32.4	62.3	.1	5.3
30-34 years.....	8,270	1,298	6,310	11	651	100.0	15.7	76.3	.1	7.9
35-44 years.....	12,297	994	10,358	45	989	100.0	7.4	84.2	.4	8.0
45-54 years.....	10,962	699	9,347	176	740	100.0	6.4	85.3	1.6	6.8
55-64 years.....	9,870	565	8,414	397	495	100.0	5.7	85.2	4.0	5.0
65-74 years.....	6,549	357	5,346	557	290	100.0	5.5	81.6	8.5	4.4
75 years and over.....	3,234	142	2,244	776	71	100.0	4.4	69.4	24.0	2.2
Female	82,054	13,977	51,767	10,479	5,831	100.0	17.0	63.1	12.8	7.1
18-19 years.....	4,184	3,465	689	3	26	100.0	82.8	16.5	.1	.6
20-24 years.....	10,246	5,148	4,705	23	370	100.0	50.2	45.9	.2	3.6
25-29 years.....	9,357	1,947	6,584	33	792	100.0	20.8	70.4	.4	8.5
30-34 years.....	8,561	810	6,695	102	954	100.0	9.5	78.2	1.2	11.1
35-44 years.....	13,042	728	10,612	292	1,411	100.0	5.6	81.4	2.2	10.8
45-54 years.....	11,670	552	9,222	821	1,074	100.0	4.7	79.0	7.0	9.2
55-64 years.....	11,034	504	7,713	2,082	735	100.0	4.6	69.9	18.9	6.7
65-74 years.....	8,549	480	4,282	3,444	342	100.0	5.6	50.1	40.3	4.0
75 years and over.....	5,411	344	1,264	3,677	126	100.0	6.4	23.4	68.0	2.3

- Represents zero or rounds to zero.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 365.

NO. 50. EVER-MARRIED PERSONS 25-54 YEARS OLD WHO WERE DIVORCED OR SEPARATED, BY AGE, RACE, AND SEX: 1960 TO 1980

[As of March. Based on Current Population Survey; see text, p. 1]

AGE AND SEX	EVER MARRIED (1,000)			PERCENT DIVORCED ²			PERCENT SEPARATED ²		
	Total ¹	White	Black	Total ¹	White	Black	Total ¹	White	Black
1960: Male, total	29,074	26,267	³ 2,807	2.4	2.4	³ 3.1	2.1	1.4	³ 8.2
25-34 yr.....	9,162	8,282	³ 880	1.9	1.8	³ 3.2	1.9	1.4	³ 6.4
35-44 yr.....	10,623	9,582	³ 1,041	2.3	2.4	³ 1.7	2.1	1.6	³ 6.4
45-54 yr.....	9,289	8,403	³ 886	3.1	2.9	³ 4.5	2.2	1.2	³ 12.1
Female, total.....	32,024	28,550	³ 3,474	3.8	3.4	³ 6.5	2.8	1.7	³ 12.4
25-34 yr.....	10,639	9,389	³ 1,250	3.1	2.7	³ 5.8	3.1	1.6	³ 14.4
35-44 yr.....	11,532	10,307	³ 1,225	3.8	3.4	³ 7.3	2.7	1.7	³ 11.1
45-54 yr.....	9,853	8,854	³ 999	4.4	4.1	³ 6.5	2.7	1.7	³ 11.4
1970: Male, total	31,304	28,189	2,817	3.3	3.1	5.5	1.8	1.1	9.4
25-34 yr.....	10,402	9,318	975	3.0	2.9	3.9	1.6	1.2	5.1
35-44 yr.....	10,518	9,464	953	3.0	2.6	5.8	2.1	1.1	11.6
45-54 yr.....	10,384	9,407	889	3.9	3.7	6.7	1.9	1.0	11.7
Female, total.....	34,299	30,401	3,505	5.2	5.0	7.7	3.3	1.8	16.3
25-34 yr.....	11,590	10,220	1,236	5.0	4.7	6.6	3.8	2.1	17.6
35-44 yr.....	11,264	9,917	1,188	5.6	5.3	8.8	3.1	1.6	16.3
45-54 yr.....	11,445	10,264	1,081	5.1	4.9	7.6	3.1	1.9	14.9
1975: Male, total	33,009	29,590	2,872	5.4	5.2	8.5	2.6	1.6	12.4
25-34 yr.....	12,237	11,003	1,021	5.5	5.6	6.1	3.0	2.0	14.2
35-44 yr.....	10,122	9,001	925	5.5	5.3	8.2	2.7	1.9	10.4
45-54 yr.....	10,650	9,586	926	5.3	4.7	11.4	2.0	1.0	12.5
Female, total.....	36,348	31,984	3,727	7.6	7.1	12.4	4.4	2.8	18.6
25-34 yr.....	13,644	11,984	1,379	7.6	7.2	12.1	5.2	3.5	20.5
35-44 yr.....	11,047	9,636	1,220	7.9	7.3	12.5	4.6	2.8	19.7
45-54 yr.....	11,657	10,364	1,128	7.2	6.7	12.5	3.2	1.9	15.2
1979: Male, total	34,105	30,446	2,970	7.4	7.0	12.6	2.9	2.2	11.4
25-34 yr.....	12,878	11,485	1,095	8.2	8.1	10.3	3.3	2.3	14.0
35-44 yr.....	10,952	9,772	952	7.6	6.9	15.5	2.9	2.3	10.4
45-54 yr.....	10,275	9,189	923	6.2	5.6	12.4	2.6	1.9	9.4
Female, total.....	37,962	33,280	3,844	10.1	9.5	16.3	4.4	2.8	18.8
25-34 yr.....	14,768	12,966	1,430	10.5	10.1	15.9	5.1	3.5	20.4
35-44 yr.....	11,924	10,411	1,263	11.0	10.2	18.3	4.6	2.9	18.4
45-54 yr.....	11,270	9,903	1,151	8.6	8.0	14.7	3.5	1.9	17.2
1980: Male, total	34,764	31,032	3,012	8.2	7.9	12.5	3.0	2.2	10.5
25-34 yr.....	13,108	11,701	1,097	8.6	8.6	10.3	3.2	2.7	9.4
35-44 yr.....	11,393	10,177	1,006	8.7	8.0	16.3	2.8	2.2	9.5
45-54 yr.....	10,263	9,154	909	7.2	6.7	10.9	2.8	1.7	13.0
Female, total.....	38,593	33,745	3,990	11.0	10.4	16.5	4.5	2.9	18.7
25-34 yr.....	15,161	13,267	1,519	11.5	11.1	16.3	5.3	3.5	21.1
35-44 yr.....	12,314	10,725	1,394	11.5	10.8	17.5	4.5	2.7	19.3
45-54 yr.....	11,118	9,753	1,137	9.7	9.0	15.5	3.4	2.1	14.8

¹ Includes other races not shown separately.

² At time of survey.

³ Black and other races.

NO. 51. DIVORCED PERSONS PER 1,000 MARRIED PERSONS WITH SPOUSE PRESENT, BY RACE, AGE, AND SEX: 1960 TO 1980

[As of March. 1960-1979, persons 14 years old and over; 1980, 15 and over. Based on Current Population Survey, see text, p. 1]

YEAR	Total	Male	Fe- male	YEAR AND SEX	RACE		AGE			
					White	Black	14-29 years	30-44 years	45-64 years	65 years and over
1960.....	35	28	42	Male: 1960.....	27	¹ 45	16	25	39	24
1965.....	41	34	49	1970.....	32	62	28	33	40	32
1970.....	47	35	60	1975.....	51	96	51	61	57	32
1974.....	63	49	77	1979.....	66	152	78	91	63	45
1975.....	69	54	84	1980.....	74	151	² 77	103	72	49
1976.....	75	58	92	Female: 1960.....	38	¹ 78	28	41	53	44
1977.....	84	66	101	1970.....	56	104	46	61	66	69
1978.....	90	71	110	1975.....	77	178	75	93	86	69
1979.....	92	72	111	1979.....	102	243	97	136	104	89
1980.....	100	79	120	1980.....	110	257	² 107	146	112	88

¹ Black and other races.

² 15-29 years.

Source of tables 50 and 51: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 349, earlier reports, and forthcoming report.

NO. 52. MARITAL HISTORY—PERCENT DISTRIBUTION, BY SEX, RACE, AND YEAR OF BIRTH: 1975

[As of June. Based on Current Population Survey, see text p. 1]

ITEM	PERSONS BORN, 1900-1959			YEAR OF BIRTH				
	Total	White	Black	1945-1954	1935-1944	1925-1934	1915-1924	1900-1914
Men, total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Single in 1975.....	26.1	25.2	33.3	38.0	8.3	5.1	5.3	4.9
Men ever married in 1975.....	73.8	74.8	66.7	62.0	91.7	94.9	94.7	95.1
Once.....	62.5	63.7	53.2	57.8	78.3	79.6	77.5	73.9
Twice or more.....	11.3	11.1	13.5	4.2	13.4	15.3	17.2	21.2
Ever divorced, total.....	12.0	11.8	14.3	7.0	16.9	17.4	17.2	14.9
Ever widowed.....	3.4	3.3	5.1	.2	.7	2.0	5.2	15.3
Women, total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Single in 1975.....	20.6	19.5	29.0	25.8	5.8	4.2	4.5	6.3
Women ever married in 1975.....	79.4	80.5	71.0	74.2	94.2	95.9	95.5	93.6
Once.....	67.0	68.1	57.7	67.8	79.8	78.8	77.6	73.9
Twice or more.....	12.4	12.4	13.3	6.4	14.4	17.1	17.9	19.7
Ever divorced, total.....	13.9	13.6	16.1	10.8	19.5	20.2	17.0	14.3
Ever widowed.....	11.1	10.9	13.1	.7	2.7	7.7	17.6	41.2

NO. 53. SINGLE (NEVER-MARRIED) PERSONS 18 YEARS OLD AND OVER AS PERCENT OF TOTAL POPULATION, BY AGE AND SEX: 1960 TO 1980

[1960, as of April; thereafter based on Current Population Survey as of March. See headnote, table 49]

AGE	MALE					FEMALE				
	1960	1970	1975	1979	1980	1960	1970	1975	1979	1980
Total	17.3	18.9	20.8	23.3	23.5	11.9	13.7	14.6	16.9	17.0
18 years.....	94.6	95.1	96.8	97.3	97.4	75.6	82.0	83.7	87.3	88.0
19 years.....	87.1	89.9	89.3	92.6	90.7	59.7	68.8	71.4	78.9	77.5
20-24 years.....	53.1	54.7	59.9	67.4	68.6	28.4	35.8	40.3	49.4	50.2
25-29 years.....	20.8	19.1	22.3	30.2	32.4	10.5	10.5	13.8	19.6	20.8
30-34 years.....	11.9	9.4	11.1	14.9	15.7	6.9	6.2	7.5	9.5	9.5
35-39 years.....	8.8	7.2	8.6	8.2	8.0	6.1	5.4	5.0	6.6	6.2
40-44 years.....	7.3	6.3	7.2	8.4	6.6	6.1	4.9	4.8	5.1	4.8
45-54 years.....	7.4	7.5	6.3	6.9	6.4	7.0	4.9	4.6	4.4	4.7
55-64 years.....	8.0	7.8	6.5	5.2	5.7	8.0	6.8	5.1	4.6	4.6
65 years and over.....	7.7	7.5	4.7	5.4	5.1	8.5	7.7	5.8	6.1	5.9

NO. 54. MARITAL STATUS OF POPULATION, 15 YEARS OLD AND OVER, BY HOUSEHOLDER STATUS, SEX AND AGE: 1980

[In thousands, except percent. As of March. Based on Current Population Survey; see text, p. 1, and Appendix III]

ITEM	Total ¹	MALE					FEMALE				
		Total ¹	20-24 years	25-44 years	45-64 years	65 yr. and over	Total ¹	20-24 years	25-44 years	45-64 years	65 yr. and over
Total persons	168,198	80,218	9,801	29,643	20,832	9,783	87,980	10,246	30,960	22,704	13,960
Householder ²	79,108	56,849	3,986	24,821	18,820	8,848	22,259	1,758	6,984	5,937	7,301
Single.....	9,359	4,817	1,341	2,279	663	327	4,543	1,184	1,934	821	573
Married, spouse present.....	48,180	46,548	2,495	20,417	16,446	7,029	1,631	158	722	515	219
Widowed.....	10,462	1,550	2	49	413	1,085	8,912	19	381	2,581	5,926
Divorced.....	7,421	2,638	74	1,433	876	252	4,783	201	2,614	1,575	384
Not householder ²	89,090	23,369	5,815	4,822	2,012	935	65,721	8,488	23,976	16,767	6,659
Single.....	33,877	18,696	5,380	2,863	601	173	15,181	3,964	1,550	435	251
Married, spouse present.....	49,351	2,217	236	900	662	360	47,134	4,148	21,520	15,637	5,092
Widowed or divorced.....	4,279	1,659	80	701	518	358	2,620	173	590	555	1,280
PERCENT DISTRIBUTION											
Total persons	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Householder ²	47.0	70.9	40.7	83.7	90.3	90.4	25.3	17.2	22.6	26.1	52.3
Single.....	5.6	6.0	13.7	7.7	3.2	3.3	5.2	11.6	6.2	2.7	4.1
Married, spouse present.....	28.6	58.0	25.5	68.9	79.0	71.8	1.9	1.5	2.3	2.3	1.6
Widowed.....	6.2	1.9	-	.2	2.0	11.1	10.1	.2	1.2	11.4	42.4
Divorced.....	4.4	3.3	.8	4.8	4.2	2.6	5.4	2.0	8.4	6.9	2.8
Not householder ²	53.0	29.1	59.3	16.3	9.7	9.6	74.7	82.8	77.4	73.9	47.7
Single.....	20.1	23.3	54.9	9.7	2.9	1.8	17.3	38.7	5.0	1.9	1.8
Married, spouse present.....	29.3	2.8	2.4	3.0	3.2	3.7	53.6	40.5	69.5	68.9	36.5
Widowed or divorced.....	2.5	2.1	.8	2.4	2.5	3.7	3.0	1.7	1.9	2.4	9.2

- Represents zero or rounds to zero. ¹Includes 15-19 year-olds. ²Includes other marital status not shown separately.
Source of tables 52-54: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 365 and earlier reports.

No. 55. INTERRACIAL MARRIED COUPLES: 1970 TO 1980

[In thousands. As of March]

ITEM	1970	1977	1980	ITEM	1970	1977	1980
Total married couples	44,597	48,002	48,765	Other interracial married couples			
<i>Interracial married couples</i>	310	421	613	Husband Black	245	296	447
All Black-White married couples	65	125	166	Wife Black	8	20	19
Husband Black, wife White	41	95	120	Husband White	4	2	14
Wife Black, husband White	24	30	46	Wife White	139	177	254
				Wife White	94	97	161

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 77, and series P-20, No. 366.

No. 56. NONFAMILY HOUSEHOLDERS, BY MARITAL STATUS: 1970 TO 1980

[In thousands of persons. 1970 and 1975, 14 years old and over; 1980, 15 years old and over. As of March. "Married" represents spouse absent. Based on Current Population Survey; see headnote, table 49]

MARITAL STATUS	1970	1975	1980				MARITAL STATUS	1970	1975	1980			
			Total	Under 35 yr.	35-64 yr.	65 yr. and over				Total	Under 35 yr.	35-64 yr.	65 yr. and over
Males	4,062	5,912	8,594	4,136	2,943	1,515	Females	7,883	9,645	12,088	2,693	3,553	5,842
Single	1,765	2,746	4,264	3,067	937	261	Single	1,608	2,161	3,215	2,048	710	456
Married	545	764	1,031	362	531	137	Married	516	590	657	178	323	157
Widowed	996	1,112	1,140	8	244	888	Widowed	4,915	5,679	6,394	25	1,469	4,900
Divorced	756	1,291	2,160	699	1,231	229	Divorced	844	1,215	1,822	443	1,052	329

No. 57. NONFAMILY HOUSEHOLDS, BY AGE OF HOUSEHOLDER AND PRESENCE OF NONRELATIVES: 1970 AND 1980

[1970, persons 14 years old and over; 1980, 15 years and over. See headnote, table 49]

ITEM	NONFAMILY HOUSEHOLDS		MALE HOUSEHOLDER (1,000)					FEMALE HOUSEHOLDER (1,000)				
	Total (1,000)	Per cent	Total	15-24 yr.	25-44 yr.	45-64 yr.	65 and over	Total	15-24 yr.	25-44 yr.	45-64 yr.	65 and over
1970 (April), total	12,430	100.0	4,629	1,571	1,346	1,395	1,318	7,801	1,512	815	2,577	3,897
1-person (living alone)	11,115	89.4	3,965	1,345	1,134	1,263	1,224	7,150	1,328	695	2,421	3,706
2-persons	991	8.0	488	144	163	104	77	504	126	94	127	157
Sharing with opposite sex	327	2.6	174	121	43	59	51	153	18	17	64	64
3-or-more persons	324	2.6	177	183	48	29	17	147	158	26	29	34
1980 (March), total	20,682	100.0	8,594	1,522	3,760	1,798	1,515	12,088	1,151	2,142	2,953	5,842
1-person (living alone)	17,816	86.1	6,793	919	2,848	1,589	1,437	11,022	751	1,759	2,809	5,703
2-persons	2,308	11.2	1,403	479	683	170	69	905	323	336	122	123
Sharing with opposite sex	1,136	5.5	705	179	372	97	56	431	125	164	82	59
3-or-more persons	558	2.7	398	123	228	38	9	160	77	46	21	16

¹ Persons 14-24 years of age.

No. 58. UNMARRIED COUPLES, BY SEX AND AGE OF PARTNERS: 1980

[In thousands. As of March. An "unmarried couple" is two unrelated adults of the opposite sex sharing the same household]

AGE OF MAN	All ages	AGE OF WOMAN				
		Under 25 years	25-34 years	35-44 years	45-64 years	65 yr. and over
All ages	1,560	596	564	125	184	92
Under 25 years	382	312	55	4	8	2
25-34 years	637	243	368	19	5	4
35-44 years	212	33	100	46	26	7
45-64 years	230	8	41	52	98	31
65 years and over	99	2	2	3	47	47

Source of tables 56-58: U.S. Bureau of the Census, *Census of Population: 1970*, vol. II, part 4B, and *Current Population Reports*, series P-20, Nos. 212, 287 and 365.

No. 59. HOUSEHOLDS, BY RACE OF HOUSEHOLDER, AND POPULATION PER HOUSEHOLD: 1930 TO 1980

[Prior to 1960, excludes Alaska and Hawaii. Data for 1930-1970 are for census dates. Thereafter, based on Current Population Survey; see headnote, table 60. For definition of household, see text, p. 3. See also *Historical Statistics, Colonial Times to 1970*, series A 286, A 304, and A 320-322]

ITEM	1930 (Apr.)	1940 (Apr.)	1950 (Apr.)	1960 (Apr.)	1970 (Apr.)	1975 (Mar.)	1978 (Mar.)	1979 (Mar.)	1980 (Mar.)
All households (1,000).....	29,905	34,949	42,857	53,021	63,450	71,120	76,030	77,330	79,108
Average annual change since prior year shown (1,000).....	¹ 642	504	791	1,016	1,043	² 1,560	² 1,589	² 1,557	² 1,579
Percent ³	2.02	1.56	2.06	2.15	1.80	² 2.32	² 2.29	² 2.22	² 2.22
Population per household ⁴	4.11	3.77	3.52	3.38	3.20	2.99	2.86	2.89	2.86
White households (1,000).....	26,983	31,680	⁵ 39,044	47,868	56,529	62,945	66,934	68,028	69,454
Percent of total.....	90.2	90.6	91.2	90.3	89.1	88.5	88.0	88.0	87.8
Black households (1,000).....	2,804	3,142	⁵ 3,633	5,153	6,180	7,262	7,977	8,066	8,405
Other-race households (1,000).....	118	127	⁵ 149	5,153	741	913	1,118	1,236	1,249

¹ Change from 1920. ² Change from 1970. ³ Computed using the formula for continuous compounding; see Guide to Tabular Presentation. ⁴ Obtained by dividing resident population by number of households; hence, not strictly average size of household because resident population includes members of group quarters. See table 1 for population 1930-1970; 1975 and 1978 based on unrevised estimates; 1979 and 1980 based on estimates revised according to 1980 census. ⁵ Occupied housing units from U.S. Census of Housing reports.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1930, 1950, and 1970*; and *Current Population Reports*, series P-20, No. 366 and earlier issues.

No. 60. HOUSEHOLDS, FAMILIES, SUBFAMILIES, MARRIED COUPLES, AND UNRELATED INDIVIDUALS: 1950 TO 1980

[In thousands, except as indicated. As of March, except as noted. Prior to 1960, excludes Alaska and Hawaii. Based on Current Population Survey; includes members of Armed Forces living off post or with their families on post, but excludes all other members of Armed Forces; see text, pp. 1 and 2. Minus sign (-) denotes decrease. For definition of terms, see text, pp. 3 and 4. See also *Historical Statistics, Colonial Times to 1970*, series A 286-319]

TYPE OF UNIT	1950	1955 ¹	1960	1965 ²	1970 ²	1975	1979	1980	PERCENT CHANGE	
									1960- 1970	1970- 1980
Households	43,554	47,874	52,799	57,436	63,401	71,120	77,330	79,108	20.1	24.8
Family households.....	38,838	41,732	44,905	47,838	51,456	55,563	57,498	58,426	14.6	13.5
Nonfamily households.....	4,716	6,142	7,895	9,598	11,945	15,557	19,831	20,682	51.3	73.1
Average size of household.....	3.37	3.33	3.33	3.29	3.14	2.94	2.78	2.75	(x)	(x)
Families	39,303	41,951	45,111	47,956	51,586	55,712	57,804	³ 58,426	14.4	13.3
Married couple.....	34,440	36,378	39,329	41,749	44,755	46,971	47,692	³ 48,180	13.8	7.7
Male householder ⁴	1,184	1,339	1,275	1,181	1,239	1,499	1,655	³ 1,706	-2.8	37.7
Female householder ⁴	3,679	4,234	4,507	5,026	5,591	7,242	8,458	³ 8,540	24.1	52.7
Family households.....	38,838	41,732	44,905	47,838	51,456	55,563	57,498	58,426	14.6	13.5
Married couple.....	34,075	36,251	39,254	41,689	44,728	46,951	47,662	48,180	13.9	7.7
Male householder ⁴	1,169	1,328	1,228	1,167	1,228	1,485	1,616	1,706	-	38.9
Female householder ⁴	3,594	4,153	4,422	4,982	5,500	7,127	8,220	8,540	24.4	55.3
Unrelated subfamilies.....	465	219	207	118	130	149	306	348	-37.2	167.7
Married couple.....	365	127	75	60	27	20	30	19	-64.0	(b)
Male householder ⁴	16	11	47	14	11	14	39	36	(b)	(b)
Female householder ⁴	85	81	85	44	91	115	238	294	7.1	223.1
Average size of family.....	3.54	3.59	3.67	3.70	3.58	3.42	3.31	3.28	(x)	(x)
White families.....	(NA)	3.55	3.61	3.64	3.52	3.36	3.25	3.22	(x)	(x)
Black families ⁵	(NA)	4.14	4.39	4.37	4.13	3.90	3.74	3.67	(x)	(x)
Related subfamilies	2,402	1,973	1,514	1,293	1,150	1,349	1,056	1,115	-24.0	-3.0
Married couple.....	1,651	1,178	871	729	617	576	566	567	-29.2	-8.1
Male householder ⁴	113	69	115	72	48	69	59	55	-58.3	(b)
Female householder ⁴	638	726	528	492	484	705	431	494	-8.3	2.1
Married couples	36,091	37,556	40,200	42,478	45,373	47,547	48,258	48,765	12.9	7.5
With own household.....	34,075	36,251	39,254	41,689	44,728	46,951	47,662	48,180	13.9	7.7
Without own household.....	2,016	1,305	946	769	645	596	596	585	-31.8	9.3
Percent without.....	5.6	3.5	2.4	1.9	1.4	1.3	1.2	1.2	(x)	(x)
Unrelated individuals	9,136	9,691	11,092	12,333	14,988	19,100	24,864	25,838	35.1	72.4
Nonfamily householder.....	4,716	6,142	7,895	9,598	11,945	15,557	19,831	20,682	61.3	73.1
Male.....	1,668	2,059	2,716	3,277	4,063	5,912	8,064	8,594	49.6	111.5
Female.....	3,048	4,083	5,179	6,321	7,882	9,645	11,767	12,088	52.2	53.4
Secondary individuals.....	4,420	3,749	3,198	2,735	3,043	3,543	5,033	5,156	-4.8	69.4
Male.....	2,541	2,128	1,746	1,432	1,631	2,087	2,769	3,011	-6.6	84.6
Female.....	1,879	1,621	1,451	1,303	1,412	1,456	2,264	2,145	-2.7	51.9

- Represents zero. B Not shown; base less than 75,000. NA Not available. X Not applicable. ¹ As of April. ² Data revised using population controls based on the 1970 census; therefore, figures do not agree with tables 61 and 65. (The latter use population controls based on the 1960 census.) ³ Not comparable with prior years due to definitional change. ⁴ No spouse present. ⁵ Through 1965, data are for races other than White.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 366 and earlier issues.

NO. 61. HOUSEHOLDS AND FAMILIES, BY RACE OF HOUSEHOLDER: 1960 TO 1980

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

RACE OF HOUSEHOLDER	NUMBER (1,000)					PERCENT				
	1960	1965 ¹	1970	1975	1980	1960	1965 ¹	1970	1975	1980
Households, total	52,799	57,251	63,401	71,120	79,108	(x)	(x)	(x)	(x)	(x)
White	47,665	51,441	58,602	62,945	69,454	100.0	100.0	100.0	100.0	100.0
Married couple	36,175	38,132	41,029	42,951	44,008	76.2	74.1	72.5	68.2	63.4
Male householder ²	3,365	3,839	4,444	6,295	8,739	6.8	7.5	7.9	10.0	12.6
Female householder ²	8,125	9,470	11,129	13,700	16,707	17.0	18.4	19.7	21.8	24.1
Black and other	5,134	5,808	6,800	8,175	9,654	100.0	100.0	100.0	100.0	100.0
Married couple	3,079	3,455	3,699	4,000	4,172	60.3	59.5	54.4	48.9	43.2
Male householder ²	579	599	847	1,103	1,561	11.0	10.3	12.5	13.5	16.2
Female householder ²	1,476	1,754	2,253	3,073	3,921	28.7	30.2	33.1	37.6	40.6
Families, total	45,111	47,836	51,586	55,712	58,426	(x)	(x)	(x)	(x)	(x)
White	40,869	43,081	46,261	49,451	51,389	100.0	100.0	100.0	100.0	100.0
Married couple	36,212	38,171	41,049	42,969	44,008	88.7	88.6	88.7	86.9	85.6
Male householder ²	1,100	1,028	1,048	1,270	1,418	2.6	2.4	2.3	2.6	2.8
Female householder ²	3,557	3,882	4,165	5,212	5,983	8.7	9.0	9.0	10.5	11.6
Black and other	4,242	4,752	5,324	6,262	7,037	100.0	100.0	100.0	100.0	100.0
Married couple	3,117	3,474	3,706	4,002	4,172	73.8	73.1	69.6	63.9	59.3
Male householder ²	175	153	191	230	289	4.0	3.2	3.6	3.7	4.1
Female householder ²	950	1,125	1,427	2,030	2,577	22.4	23.7	26.8	32.4	36.6

X Not applicable. ¹ See footnote 2, table 60. ² No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 366, and earlier issues.

NO. 62. HOUSEHOLDS BY TYPE, RACE AND METROPOLITAN—NONMETROPOLITAN RESIDENCE: 1980

[As of March. Based on Current Population Survey; see headnote, table 60. Persons of Spanish origin may be of any race. Covers 243 standard metropolitan statistical areas as defined in 1970 census publications]

TYPE OF HOUSEHOLD	Unit	ALL RACES ¹			WHITE		BLACK		SPANISH ORIGIN	
		Total	Metro. area	Non-metro area	Metro. area	Non-metro area	Metro. area	Non-metro area	Metro. area	Non-metro. area
HOUSEHOLDS										
Total.....	1,000.....	79,108	54,051	25,057	46,416	23,038	6,659	1,746	3,134	596
Family households.....	1,000.....	58,426	39,049	19,377	33,551	17,838	4,726	1,316	2,587	512
Married couple.....	1,000.....	48,180	31,513	16,666	28,324	15,684	2,546	809	1,944	428
Male householder ²	1,000.....	1,706	1,231	475	1,001	417	211	47	120	13
Female householder ²	1,000.....	8,540	6,304	2,236	4,226	1,736	1,969	460	523	71
Nonfamily households.....	1,000.....	20,682	15,002	5,680	12,864	5,201	1,933	430	547	84
Male householder.....	1,000.....	8,594	6,394	2,200	5,358	1,963	936	208	302	50
Female householder.....	1,000.....	12,088	8,608	3,480	7,506	3,238	998	222	245	34
PERCENT DISTRIBUTION										
Total.....	Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Family households.....	Percent.....	73.9	72.2	77.3	72.3	77.4	71.0	75.4	82.6	86.0
Married couple.....	Percent.....	60.9	58.3	66.5	61.0	68.1	38.2	46.3	62.0	71.9
Male householder ²	Percent.....	2.2	2.3	1.9	2.2	1.8	3.2	2.7	3.8	2.2
Female householder ²	Percent.....	10.8	11.7	8.9	9.1	7.5	29.6	26.4	16.7	11.9
Nonfamily households.....	Percent.....	26.1	27.8	22.7	27.7	22.6	29.0	24.6	17.4	14.0
Male householder.....	Percent.....	10.9	11.8	8.8	11.5	8.5	14.1	11.9	9.6	8.3
Female householder.....	Percent.....	15.3	15.9	13.9	16.2	14.1	15.0	12.7	7.8	5.7
PERSONS IN HOUSEHOLDS										
All households ³	1,000.....	217,482	147,380	70,102	124,536	63,430	19,583	5,745	10,747	2,171
Married couple family households.....	1,000.....	160,966	105,864	55,102	93,819	51,193	9,458	3,211	7,829	1,780
Female householder ²	1,000.....	40,447	29,539	10,908	20,764	8,643	8,310	2,110	2,061	277
PERSONS PER HOUSEHOLD										
All households ³	Number.....	2.75	2.73	2.80	2.68	2.75	2.94	3.29	3.43	3.64
Married couple family households.....	Number.....	3.34	3.36	3.31	3.31	3.26	3.71	3.97	4.03	4.15
Female householder ²	Number.....	1.96	1.98	1.91	1.77	1.74	2.80	3.09	2.68	2.64

¹ Includes other races not shown separately. ² No spouse present. ³ Includes other types of households, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 366.

NO. 63. HOUSEHOLDS—STATES: 1960 TO 1980

[As of April 1. For definition of household, see text, p. 3. For composition of regions, see fig. 1, inside front cover. Minus sign (—) denotes decrease]

DIVISION AND STATE	HOUSEHOLDS (1,000)			PERSONS IN HOUSEHOLDS (1,000)		PERSONS PER HOUSEHOLD		PERCENT CHANGE			
	1960	1970	1980	1970	1980	1970	1980	Households		Per- sons in house- hold, 1970- 1980	Per- sons per house- hold, 1970- 1980
								1960- 1970	1970- 1980		
U.S.	53,021	63,450	80,377	197,400	220,763	3.11	2.75	19.7	26.7	11.8	-11.6
Regions:											
Northeast.....	13,521	15,483	17,470	47,701	47,841	3.08	2.74	14.5	12.8	.3	-11.0
No. Central.....	15,377	17,537	20,856	55,037	57,360	3.14	2.75	14.0	18.9	4.2	-12.4
South.....	15,503	19,258	26,479	60,911	73,421	3.16	2.77	24.2	37.5	20.5	-12.3
West.....	8,619	11,172	15,571	33,751	42,140	3.02	2.71	29.6	39.4	24.9	-10.3
N. Eng.	3,116	3,645	4,362	11,412	11,939	3.13	2.74	17.0	19.7	4.6	-12.5
Maine.....	280	303	395	957	1,088	3.16	2.75	8.2	30.5	13.6	-13.0
N.H.....	180	225	323	707	891	3.14	2.75	25.0	43.5	26.0	-12.4
Vt.....	111	132	178	424	491	3.21	2.75	18.9	35.0	15.7	-14.3
Mass.....	1,535	1,760	2,033	5,482	5,537	3.12	2.72	14.7	15.5	1.0	-12.8
R.I.....	257	292	339	896	913	3.07	2.70	13.6	18.0	2.0	-12.1
Conn.....	753	933	1,094	2,946	3,019	3.16	2.76	23.9	17.2	2.5	-12.7
Mid. Atl.	10,405	11,837	13,109	36,288	35,903	3.07	2.74	13.8	10.7	-1.1	-10.7
N.Y.....	5,248	5,914	6,340	17,775	17,106	3.01	2.70	12.7	7.2	-3.8	-10.3
N.J.....	1,806	2,218	2,548	7,021	7,228	3.17	2.84	22.8	14.9	2.9	-10.4
Pa.....	3,351	3,705	4,221	11,492	11,589	3.10	2.74	10.6	13.9	.7	-11.6
E. No. Cent.	10,710	12,383	14,651	39,252	40,701	3.17	2.78	15.6	18.3	3.7	-12.3
Ohio.....	2,852	3,289	3,834	10,407	10,569	3.16	2.76	15.3	16.5	1.6	-12.7
Ind.....	1,388	1,609	1,927	5,057	5,344	3.14	2.77	15.9	19.7	5.7	-11.8
Ill.....	3,085	3,502	4,043	10,830	11,147	3.09	2.76	13.5	15.4	2.9	-10.7
Mich.....	2,239	2,653	3,195	8,675	9,063	3.27	2.84	18.5	20.4	4.5	-13.1
Wis.....	1,146	1,329	1,652	4,284	4,577	3.22	2.77	16.0	24.3	6.9	-14.0
W. No. Cent.	4,668	5,154	6,206	15,785	16,659	3.06	2.68	10.4	20.4	5.5	-12.4
Minn.....	992	1,154	1,446	3,692	3,959	3.20	2.74	16.3	25.3	7.2	-14.4
Iowa.....	841	896	1,053	2,734	2,817	3.05	2.68	6.5	17.5	3.0	-12.1
Mo.....	1,360	1,521	1,794	4,538	4,789	2.98	2.67	11.8	18.0	5.5	-10.4
N. Dak.....	173	182	228	591	626	3.25	2.75	5.2	25.4	6.0	-15.4
S. Dak.....	195	201	242	638	664	3.18	2.74	3.1	20.7	4.1	-13.8
Nebr.....	433	474	571	1,431	1,521	3.02	2.66	9.5	20.6	6.3	-11.9
Kans.....	673	727	872	2,161	2,283	2.97	2.62	8.0	19.9	5.6	-11.8
So. Atl.	7,268	9,438	13,154	29,671	35,952	3.14	2.73	29.9	39.4	21.2	-13.1
Del.....	129	165	207	532	579	3.23	2.79	27.9	25.9	8.9	-13.6
Md.....	863	1,175	1,461	3,818	4,122	3.25	2.82	36.2	24.3	8.0	-13.2
D.C.....	252	263	253	715	606	2.72	2.39	4.4	-3.7	-15.3	-12.1
Va.....	1,074	1,391	1,863	4,452	5,169	3.20	2.78	29.5	34.0	16.1	-13.1
W. Va.....	521	547	686	1,705	1,915	3.12	2.79	5.0	25.4	12.3	-10.6
N.C.....	1,205	1,510	2,041	4,893	5,680	3.24	2.78	25.3	35.2	16.1	-14.2
S.C.....	604	734	1,030	2,486	3,015	3.39	2.93	21.5	40.2	21.3	-13.6
Ga.....	1,070	1,369	1,872	4,452	5,321	3.25	2.84	27.9	36.7	19.5	-12.6
Fla.....	1,550	2,285	3,741	6,618	9,544	2.90	2.55	47.4	63.8	44.2	-12.1
E. So. Cent.	3,307	3,868	5,050	12,466	14,306	3.22	2.83	17.0	30.6	14.8	-12.1
Ky.....	852	984	1,264	3,119	3,558	3.17	2.82	15.5	28.5	14.1	-11.0
Tenn.....	1,003	1,213	1,618	3,824	4,478	3.15	2.77	20.9	33.4	17.1	-12.1
Ala.....	884	1,034	1,341	3,364	3,814	3.25	2.84	17.0	29.7	13.4	-12.6
Miss.....	568	637	827	2,159	2,455	3.39	2.97	12.1	29.9	13.7	-12.4
W. So. Cent.	4,928	5,952	8,274	18,774	23,164	3.15	2.80	20.8	39.0	23.4	-11.1
Ark.....	524	615	816	1,878	2,234	3.05	2.74	17.4	32.5	19.0	-10.2
La.....	892	1,052	1,411	3,541	4,108	3.37	2.91	17.9	34.1	16.0	-13.6
Okl.....	735	851	1,119	2,468	2,935	2.90	2.62	15.8	31.5	18.9	-9.7
Tex.....	2,778	3,434	4,929	10,888	13,887	3.17	2.82	23.6	43.5	27.5	-11.0
Mt.	1,976	2,518	3,985	8,044	11,134	3.19	2.79	27.4	58.2	38.4	-12.5
Mont.....	202	217	284	674	767	3.10	2.70	7.4	30.6	13.7	-12.9
Idaho.....	194	219	324	694	925	3.17	2.85	12.9	48.0	33.2	-10.1
Wyo.....	99	105	166	323	462	3.09	2.78	6.1	58.7	42.8	-10.0
N. Mex.....	251	289	441	2,125	2,814	3.08	2.65	30.6	53.5	32.5	-14.0
Ariz.....	367	539	957	1,992	1,277	3.43	2.90	15.1	52.2	28.8	-15.5
Utah.....	242	298	449	1,726	2,666	3.20	2.79	46.9	77.4	54.5	-12.8
Nev.....	92	180	304	1,031	1,436	3.46	3.20	23.1	50.6	39.3	-7.5
Pac.	6,644	8,653	11,586	25,708	31,007	2.97	2.68	30.3	33.9	20.6	-9.8
Wash.....	894	1,106	1,540	3,291	4,021	2.98	2.61	23.7	39.3	22.2	-12.4
Oreg.....	558	892	991	2,034	2,575	2.94	2.60	24.0	43.3	26.6	-11.6
Calif.....	4,981	6,574	8,630	19,374	23,101	2.95	2.68	32.0	31.3	19.2	-9.2
Alaska.....	57	79	131	278	384	3.52	2.93	38.6	65.8	38.2	-16.8
Hawaii.....	153	203	294	730	925	3.59	3.15	32.7	44.8	26.8	-12.3

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1970*, vol. 1, part B, and *1980 Census of Population*, Supplementary Reports, series PC 80-S1-2.

No. 64. HOUSEHOLD CHARACTERISTICS, BY RACE AND SPANISH ORIGIN: 1980

[As of March. Based on Current Population Survey; see headnote, table 60. Persons of Spanish origin may be of any race. For composition of regions, see fig. 1, inside front cover]

CHARACTERISTIC	ALL HOUSEHOLDS			BLACK HOUSEHOLDS			SPANISH-ORIGIN HOUSEHOLDS		
	Number (1,000)	Per- cent	Persons per house- hold	Number (1,000)	Per- cent	Persons per house- hold	Number (1,000)	Per- cent	Persons per house- hold
Total	79,108	100.0	2.75	8,405	100.0	3.01	3,730	100.0	3.46
Northeast.....	17,447	22.1	2.77	1,632	19.4	2.94	723	19.4	3.25
North Central.....	20,933	26.5	2.76	1,808	21.5	2.92	276	7.4	3.67
South.....	25,523	32.3	2.77	4,125	49.1	3.16	1,133	30.4	3.53
West.....	15,205	19.2	2.68	840	10.0	2.64	1,598	42.8	3.47
Nonfarm.....	77,210	97.6	2.74	8,347	99.3	3.01	3,706	99.4	3.46
Farm.....	1,898	2.4	3.09	58	.7	4.11	24	.6	3.97
In metropolitan areas (SMSA's) ¹	54,051	68.3	2.73	6,659	79.2	2.94	3,134	84.0	3.43
In central cities.....	23,705	30.0	2.55	4,970	59.1	2.86	1,877	50.3	3.33
Outside central cities.....	30,346	38.4	2.87	1,689	20.1	3.18	1,257	33.7	3.58
One million population or more.....	30,782	38.9	2.72	4,318	51.4	2.87	2,031	54.5	3.38
In central cities.....	12,426	15.7	2.51	3,206	38.1	2.80	1,164	31.2	3.25
Outside central cities.....	18,356	23.2	2.85	1,112	13.2	3.09	867	23.2	3.57
Under 1 million population.....	23,269	29.4	2.74	2,341	27.9	3.07	1,102	29.5	3.52
In central cities.....	11,279	14.3	2.58	1,764	21.0	2.98	713	19.1	3.46
Outside central cities.....	11,990	15.2	2.89	577	6.9	3.35	390	10.5	3.62
Outside metropolitan areas.....	25,057	31.7	2.80	1,746	20.8	3.29	596	16.0	3.64
Nonfarm.....	23,478	29.7	2.78	1,691	20.1	3.26	578	15.5	3.64
Farm.....	1,579	2.0	3.08	55	.7	4.14	18	.5	3.74
Relationship to householder:									
All members related.....	75,216	95.1	2.74	7,898	94.0	2.99	3,512	94.2	3.46
All members unrelated.....	2,867	3.6	2.37	326	3.9	2.52	135	3.6	2.63
Some members unrelated.....	1,025	1.3	4.46	182	2.2	4.69	83	2.2	4.88
Marital status:									
Male householder.....	56,849	71.9	3.02	4,537	54.0	3.11	2,773	74.3	3.69
Married, wife present.....	46,548	58.8	3.35	3,136	37.3	3.78	2,288	61.3	4.05
Married, wife absent.....	1,296	1.6	1.62	324	3.9	1.61	107	2.9	2.02
Separated.....	986	1.2	1.61	283	3.4	1.61	60	1.6	1.88
Other.....	310	.4	1.62	41	.5	1.58	47	1.2	2.20
Widowed.....	1,550	2.0	1.58	207	2.5	1.82	42	1.1	2.21
Divorced.....	2,638	3.3	1.57	307	3.7	1.49	94	2.5	1.81
Single (never married).....	4,817	6.1	1.53	563	6.7	1.57	242	6.5	2.03
Female householder.....	22,259	28.1	2.05	3,869	46.0	2.90	957	25.7	2.80
Married, husband present.....	1,631	2.1	3.18	220	2.6	3.69	85	2.3	4.03
Married, husband absent.....	2,390	3.0	2.85	870	10.4	3.38	218	5.9	3.25
Separated.....	1,958	2.5	2.97	811	9.6	3.40	191	5.1	3.25
Other.....	432	.5	2.32	59	.7	3.10	28	.7	3.21
Widowed.....	8,912	11.3	1.60	1,064	12.7	2.46	185	5.0	2.24
Divorced.....	4,783	6.0	2.37	737	8.8	3.06	238	6.4	2.78
Single (never married).....	4,543	5.7	1.77	977	11.6	2.66	230	6.2	2.39
Age of householder:									
15-24 years.....	6,398	8.1	2.24	764	9.1	2.56	434	11.6	2.73
25-34 years.....	17,900	22.6	2.95	2,122	25.3	3.10	1,130	30.3	3.55
35-44 years.....	13,904	17.6	3.72	1,579	18.8	3.77	837	22.4	4.21
45-54 years.....	12,581	15.9	3.29	1,380	16.4	3.36	622	16.7	3.77
55-64 years.....	12,177	15.4	2.38	1,150	13.7	2.77	371	10.0	2.95
65 years and over.....	16,149	20.4	1.75	1,410	16.8	2.13	335	9.0	2.25
Size of household:									
One person.....	17,816	22.5	1.00	2,038	24.2	1.00	495	13.3	1.00
Two persons.....	24,734	31.3	2.00	2,046	24.3	2.00	817	21.9	2.00
Three persons.....	13,845	17.5	3.00	1,517	18.0	3.00	747	20.0	3.00
Four persons.....	12,470	15.8	4.00	1,306	15.5	4.00	722	19.4	4.00
Five persons.....	5,996	7.6	5.00	665	7.9	5.00	464	12.5	5.00
Six persons.....	2,499	3.2	6.00	405	4.8	6.00	250	6.7	6.00
Seven persons or more.....	1,748	2.2	7.70	428	5.1	8.08	234	6.3	7.85
Employment status:									
In labor force.....	57,009	72.1	3.01	5,460	65.0	3.13	2,900	77.7	3.62
Civilian labor force.....	56,249	71.1	3.00	5,361	63.8	3.13	2,868	76.9	3.62
Employed.....	53,571	67.7	3.00	4,890	58.2	3.12	2,660	71.3	3.61
Unemployed.....	2,678	3.4	3.05	471	5.6	3.15	207	5.5	3.75
Not in labor force.....	22,099	27.9	2.09	2,945	35.0	2.80	829	22.2	2.92
Employed.....	53,571	67.7	3.00	4,890	58.2	3.12	2,660	71.3	3.61
White-collar.....	26,866	34.0	2.85	1,611	19.2	2.71	852	22.8	3.24
Blue-collar.....	20,045	25.3	3.24	2,089	24.9	3.45	1,378	36.9	3.84
Farm workers.....	1,596	2.0	3.30	93	1.1	4.47	100	2.7	4.47
Service workers.....	5,064	6.4	2.76	1,097	13.1	2.99	331	8.9	3.34

¹ 243 standard metropolitan statistical areas as of the 1970 census.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 126, and series P-20, No. 366.

Population

NO. 65. HOUSEHOLDS, BY NUMBER OF PERSONS: 1950 TO 1980

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

SIZE OF HOUSEHOLD	1950 ^{1 2}	1955 ²	1960 ²	1965 ²	1970 ²	1975	1976	1977	1978	1979	1980
Total	43.5	47.8	52.6	57.3	62.9	71.1	72.9	74.1	76.0	77.3	79.1
1 person.....	4.7	5.2	6.9	8.6	10.7	13.9	15.0	15.5	16.7	17.2	17.8
Male.....	1.8	1.7	2.3	2.9	3.5	4.9	5.4	5.6	6.4	6.5	6.8
Female.....	3.0	3.5	4.6	5.7	7.2	9.0	9.6	9.9	10.4	10.7	11.0
2 persons.....	12.5	13.6	14.6	16.1	18.1	21.8	22.3	22.8	23.3	23.9	24.7
3 persons.....	9.8	9.7	9.9	10.2	10.9	12.4	12.5	12.8	13.0	13.4	13.8
4 persons.....	7.7	9.1	9.3	9.2	9.9	11.1	11.4	11.6	12.0	12.3	12.5
5 persons.....	4.4	5.3	6.1	6.3	6.5	6.4	6.3	6.3	6.4	6.2	6.0
6 persons.....	2.2	2.6	3.0	3.3	3.5	3.1	3.0	2.9	2.7	2.6	2.5
7 or more.....	2.1	2.3	2.9	3.5	3.2	2.5	2.4	2.3	1.9	1.8	1.7
Percent of total:											
1 person.....	10.9	10.9	13.1	15.0	17.0	19.6	20.6	20.9	22.0	22.2	22.5
2 persons.....	28.8	28.5	27.8	28.1	28.8	30.6	30.6	30.7	30.7	30.9	31.3
3 persons.....	22.6	20.4	18.9	17.9	17.3	17.4	17.2	17.3	17.2	17.3	17.5
4 persons.....	17.8	18.9	17.6	16.1	15.8	15.6	15.7	15.7	15.7	15.9	15.8
5 persons.....	10.0	11.1	11.5	11.0	10.4	9.0	8.6	8.5	8.4	8.0	7.6
6 persons.....	5.1	5.4	5.7	5.8	5.6	4.3	4.1	3.9	3.6	3.3	3.2
7 or more.....	4.9	4.9	5.4	6.1	5.1	3.5	3.2	3.1	2.5	2.3	2.2

¹ Covers related persons only; therefore, not strictly comparable with later years. ² Data were not revised using population controls from subsequent census. For 1965 and 1970, see footnote 2, table 60.

NO. 66. HOUSEHOLDS, BY SELECTED CHARACTERISTICS OF HOUSEHOLDER: 1968 TO 1980

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

CHARACTERISTIC	1968	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total (million)	60.8	63.4	68.3	69.9	71.1	72.9	74.1	76.0	77.3	79.1
PERCENT DISTRIBUTION										
Male.....	79.6	78.9	77.4	77.1	76.4	75.8	75.4	74.6	74.2	71.9
Female.....	20.4	21.1	22.6	22.9	23.6	24.2	24.6	25.4	25.8	28.1
White.....	89.6	89.5	88.8	88.7	88.5	88.4	88.1	88.0	88.0	87.8
Black and other.....	10.4	10.5	11.2	11.3	11.5	11.6	11.9	12.0	12.0	12.2
Age of householder (years):										
14-24.....	6.3	6.8	8.0	8.4	8.2	8.1	8.1	8.2	8.2	18.1
25-34.....	17.5	18.5	19.9	20.5	21.0	21.3	21.8	22.1	22.0	22.6
35-44.....	19.7	18.6	17.2	16.8	16.7	16.8	16.8	17.1	17.2	17.6
45-54.....	19.8	19.5	18.8	18.5	18.2	17.6	17.4	16.6	16.3	15.9
55-64.....	17.1	17.1	16.4	16.0	15.9	16.0	15.9	16.0	15.9	15.4
65 and over.....	19.5	19.5	19.7	19.9	20.1	20.3	20.0	20.0	20.4	20.4

¹ Persons 15 to 24 years old.

NO. 67. PERCENT DISTRIBUTION OF FAMILIES, BY NUMBER OF OWN CHILDREN UNDER 18 YEARS OLD: 1950 TO 1980

[As of March, except 1950 through 1960 as of April. Prior to 1960, excludes Alaska and Hawaii. Except for 1950 and 1960, based on Current Population Survey; see headnote, table 60. See also *Historical Statistics, Colonial Times to 1970*, series A. 353-359]

NUMBER OF CHILDREN	1950	1955	1960	1965	1970	1975	1977	1978	1979	1980
All families (1,000)	38,453	41,951	45,147	47,956	51,586	55,712	56,710	57,215	57,804	58,426
Percent distribution.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No children.....	48.4	44.7	43.1	43.4	44.1	46.0	46.8	46.9	47.5	47.8
1 child.....	21.0	19.1	18.4	17.7	18.2	19.7	19.6	20.3	20.6	20.9
2 children.....	16.5	18.7	18.0	16.8	17.4	18.0	18.9	19.0	19.0	19.3
3 children.....	4.2	9.9	20.5	11.0	10.6	9.3	9.0	8.8	8.5	7.9
4 or more children.....	7.6	7.6	11.1	9.8	6.9	5.7	5.0	4.5	4.1	4.1
Black families (1,000)	3,432	(NA)	4,262	4,752	4,887	5,498	5,804	5,806	5,906	6,042
Percent distribution.....	100.0	(NA)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No children.....	51.7	(NA)	43.8	41.1	38.9	36.8	38.2	37.3	37.5	38.2
1 child.....	16.6	(NA)	15.6	16.8	17.6	22.0	21.5	23.3	23.5	23.4
2 children.....	11.4	(NA)	12.8	13.8	14.8	17.0	17.6	18.6	19.5	20.1
3 children.....	20.3	(NA)	9.9	9.9	10.1	10.6	11.2	10.9	10.8	10.1
4 or more children.....		(NA)	27.9	19.5	18.5	13.6	11.5	9.9	8.8	8.1

NA Not available. ¹ Black and other than white races.

Source of tables 65-67: U.S. Bureau of the Census, *U.S. Census of Population, 1950 and 1960*, and *Current Population Reports*, series P-20, No. 366, and earlier issues.

NO. 68. FAMILIES, BY CHARACTERISTICS: 1960 TO 1980

[In thousands, except percent. As of March. Based on Current Population Survey; includes members of Armed Forces living off post or with families on post, but excludes other Armed Forces; see text, p. 1. For definition of families, see text, p. 4. Beginning 1980, data not comparable with prior years because of definitional change]

CHARACTERISTIC	ALL FAMILIES		MARRIED COUPLE		MALE HOUSEHOLDER ¹		FEMALE HOUSEHOLDER ¹		FAMILIES OF OTHER THAN WHITE PERSONS	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1960	45,111	100.0	39,329	100.0	1,275	100.0	4,507	100.0	4,242	100.0
1965	47,956	100.0	41,749	100.0	1,181	100.0	5,026	100.0	(NA)	(NA)
1970	51,586	100.0	44,755	100.0	1,239	100.0	5,591	100.0	5,324	100.0
1975	55,712	100.0	46,971	100.0	1,499	100.0	7,242	100.0	6,262	100.0
1978	57,215	100.0	47,385	100.0	1,594	100.0	8,236	100.0	6,685	100.0
1979	57,804	100.0	47,692	100.0	1,655	100.0	8,458	100.0	6,894	100.0
1980, total	58,426	100.0	48,180	100.0	1,706	100.0	8,540	100.0	7,037	100.0
White	51,389	88.0	44,008	91.3	1,418	83.1	5,963	69.8	(X)	(X)
Black and other	7,037	12.0	4,172	8.7	288	16.9	2,577	30.2	7,037	100.0
Size of family:										
2 persons	22,913	39.2	18,039	37.4	1,061	62.2	3,813	44.6	2,142	30.4
3 persons	13,332	22.8	10,545	21.9	374	21.9	2,412	28.2	1,685	23.9
4 persons	12,180	20.8	10,763	22.3	164	9.6	1,253	14.7	1,450	20.6
5 persons	5,871	10.0	5,233	10.9	58	3.4	579	6.8	782	11.1
6 persons	2,439	4.2	2,163	4.5	34	2.0	242	2.8	468	6.7
7 or more persons	1,691	2.9	1,436	3.0	15	.9	240	2.8	510	7.2
Own children under age 18:										
None	27,909	47.8	23,612	49.0	1,097	64.3	3,200	37.5	2,682	38.1
1	12,231	20.9	9,506	19.7	371	21.7	2,354	27.6	1,649	23.4
2	11,280	19.3	9,336	19.4	162	9.5	1,782	20.9	1,431	20.3
3	4,616	7.9	3,836	8.0	62	3.6	718	8.4	717	10.2
4 or more	2,390	4.1	1,890	3.9	14	.8	487	5.7	559	7.9
Own children under age 6:										
None	45,305	77.5	37,097	77.0	1,554	91.1	6,654	77.9	5,031	71.5
1	9,193	15.7	7,702	16.0	126	7.4	1,365	16.0	1,367	19.4
2	3,363	5.8	2,906	6.0	26	1.5	430	5.0	515	7.3
3 or more	565	1.0	475	1.0	-	-	90	1.1	124	1.8

- Represents zero or rounds to zero. NA Not available. X Not applicable. ¹ No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 366, and earlier issues.

NO. 69. PERSONS IN FAMILIES AND UNRELATED INDIVIDUALS, BY SEX, AGE, AND TYPE OF FAMILY: 1960 TO 1980

[In millions, except percent. As of March. Based on Current Population Survey. See headnote, table 68]

YEAR AND AGE	PERSONS IN FAMILIES								UNRELATED INDIVIDUALS		
	Total	Percent of all persons	Male	Female	Married-couple families	Female householder ¹		Male householder ¹	Total	Male	Female
						Number	Percent of total				
1960: Total	165.4	92.7	81.9	83.5	148.3	14.2	8.6	3.5	11.1	4.5	6.6
Under 18 yr.....	63.5	99.2	32.2	31.3	(NA)	(NA)	(NA)	(NA)	.3	.2	.1
18-64 yr.....	89.8	91.8	43.6	46.2	(NA)	(NA)	(NA)	(NA)	7.0	3.2	3.8
65 yr. and over	12.1	73.3	6.1	6.0	(NA)	(NA)	(NA)	(NA)	3.8	1.1	2.6
1970: Total	184.9	91.4	91.0	93.9	163.3	18.0	9.7	3.6	15.0	5.7	9.3
Under 18 yr.....	68.9	98.9	35.0	33.8	60.2	7.8	11.3	.9	.4	.2	.2
18-64 yr.....	102.6	91.1	49.3	53.3	92.2	8.4	8.2	2.0	8.8	4.0	4.8
65 yr. and over	13.3	67.1	6.6	6.7	10.9	1.8	13.5	.7	5.7	1.4	4.3
1975: Total	190.5	90.9	93.7	96.8	162.9	23.2	12.2	4.4	19.1	8.0	11.1
Under 18 yr.....	66.0	99.4	33.6	32.4	54.4	10.5	15.9	1.1	.4	.2	.2
18-64 yr.....	109.9	90.0	52.8	57.1	96.2	11.0	10.0	2.6	12.3	6.4	5.9
65 yr. and over	14.6	69.2	7.3	7.4	12.3	1.8	12.3	.6	6.5	1.5	5.0
1980: Total	191.4	87.8	93.8	97.6	160.5	26.3	13.7	4.7	25.8	11.6	14.2
Under 18 yr.....	61.1	98.6	31.2	29.9	48.6	11.3	18.6	1.2	.4	.2	.2
18-64 yr.....	114.2	86.3	54.5	59.7	98.4	13.0	11.4	2.9	17.8	9.7	8.0
65 yr. and over	16.1	67.7	8.1	8.0	13.5	1.9	12.0	.6	7.7	1.7	6.0

NA Not available. ¹ No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 366, and earlier issues.

NO. 70. FEMALE FAMILY HOUSEHOLDERS WITH NO SPOUSE PRESENT, BY RACE AND PRESENCE OF CHILDREN: 1960 TO 1980

[1960 to 1979 covers persons 14 years old and over; 1980 covers persons 15 years old and over. 1960 census data as of April; thereafter based on Current Population Survey as of March. See headnote, table 60]

ITEM	1960	1965	1970	1975	1979	1980	WITH 1 OR MORE CHILDREN, UNDER 18			
							1960	1970	1979	1980
Total families (1,000) ¹	45,120	² 47,956	51,586	55,712	57,804	58,426	25,661	28,812	30,371	30,517
Female family householders (1,000).....	4,194	² 5,026	5,591	7,242	8,456	8,540	1,891	2,926	5,268	5,340
Percent of all families.....	9.3	10.5	10.8	13.0	11.6	14.6	7.4	10.2	17.4	17.5
Percent under 35 years old.....	17.7	19.1	24.4	32.5	34.6	34.0	35.0	43.1	51.5	51.5
White families (1,000).....	40,872	43,081	46,261	49,451	50,910	51,389	23,264	25,543	26,056	26,162
Female family householders (1,000).....	3,305	3,882	4,165	5,212	5,918	5,963	1,394	1,995	3,511	3,514
Percent of White families.....	8.1	9.0	9.0	10.5	11.6	11.6	6.0	7.8	13.5	13.4
Percent under 35 years old.....	14.7	(NA)	20.8	29.0	31.0	30.3	30.7	39.8	48.2	48.5
Black families ³ (1,000).....	4,256	4,752	4,837	5,495	5,906	6,042	2,397	2,984	3,690	3,731
Female family householders (1,000).....	889	1,125	1,382	1,940	2,390	2,429	497	912	1,884	1,745
Percent of Black families.....	20.9	23.7	28.3	35.3	40.5	40.2	20.7	30.6	45.6	46.8
Percent under 35 years old.....	28.7	(NA)	35.2	42.4	43.6	43.3	47.1	50.0	58.4	58.0

NA Not available. ¹ Beginning 1970, includes other races not shown separately. ² Revised figure; revisions not available by race. ³ Black and other races for 1960 and 1965.

Source: U.S. Bureau of the Census, 1960 Census of Population, vol. 1, and Current Population Reports, series P-20, No. 366, and earlier issues.

NO. 71. FEMALE FAMILY HOUSEHOLDERS WITH NO SPOUSE PRESENT—CHARACTERISTICS, BY RACE: 1960 TO 1980

[See headnote, table 70. 1970 data unrevised, therefore data will not agree with table 70]

CHARACTERISTIC	WHITE			BLACK		
	1960	1970	1980	1960	1970	1980
Female family householder (1,000).....	3,305	4,185	5,963	889	1,349	2,429
Median age (years).....	52.2	50.4	43.7	43.8	41.3	37.6
Percent, by marital status:						
Single (never married).....	11.8	9.2	10.7	10.8	16.2	27.2
Married, spouse absent.....	17.6	18.5	16.9	37.4	39.7	28.7
Separated.....	9.6	11.4	13.9	30.2	33.8	26.8
Other.....	7.9	7.2	3.0	7.2	5.9	1.9
Widowed.....	52.5	47.0	32.5	40.2	29.9	22.2
Divorced.....	18.1	25.3	39.9	11.6	14.2	21.9
Percent, by presence of children under 18:						
No own children.....	57.8	52.0	41.1	44.4	33.5	28.2
With own children.....	42.2	48.0	58.9	55.6	66.6	71.8
1 child.....	19.2	18.8	28.1	16.9	19.1	26.4
2 children.....	12.0	15.0	19.9	12.8	14.4	23.3
3 children.....	6.1	7.8	7.4	9.4	12.5	11.0
4 or more children.....	5.0	6.4	3.4	16.5	20.6	11.2
Mean number of children.....	.85	1.00	1.02	1.57	1.83	1.54
Children under 18 in all families (mil.).....	54.5	58.5	50.9	8.4	9.3	9.2
Percent living with—						
Both parents.....	91.9	88.1	82.9	69.2	58.7	42.4
Mother only.....	6.2	8.6	13.5	20.6	30.8	44.1

Source: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 366, and series P-23, No. 50.

NO. 72. FAMILIES NOT HEADED BY MARRIED COUPLE: 1970 TO 1980

[In thousands of persons 18 years old and over, except percent. As of March. See headnote, table 60]

CHARACTERISTIC	NUMBER					PERCENT BY MARITAL STATUS				
	1970	1975	1978	1979	1980	1970	1975	1978	1979	1980
Total.....	6,806	8,718	9,798	10,074	10,240	(X)	(X)	(X)	(X)	(X)
Male householder.....	1,229	1,492	1,584	1,641	1,706	100.0	100.0	100.0	100.0	100.0
Married, wife absent.....	197	319	273	252	268	12.0	21.4	17.2	15.4	15.6
Widowed.....	422	387	378	384	410	34.3	25.9	23.9	23.4	24.0
Divorced.....	194	340	423	460	478	15.8	22.8	26.7	28.0	28.0
Single (never married).....	416	446	510	545	552	33.8	29.9	32.2	33.2	32.4
Female householder.....	5,577	7,226	8,214	8,433	8,534	100.0	100.0	100.0	100.0	100.0
Married, husband absent.....	1,323	1,641	1,781	1,769	1,734	23.7	22.7	21.7	21.0	20.3
Widowed.....	2,396	2,559	2,381	2,465	2,518	43.0	35.4	29.0	29.2	29.5
Divorced.....	1,259	2,109	2,786	2,807	2,960	22.6	29.2	33.9	33.3	34.7
Single (never married).....	598	917	1,265	1,392	1,322	10.7	12.7	15.4	16.5	15.5

X Not applicable.

Source: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 365, and earlier issues.

NO. 73. PERSONS UNDER 18 YEARS OLD, BY PRESENCE OF PARENTS AND WHETHER LIVING WITH MOTHER ONLY, BY MARITAL STATUS OF MOTHER: 1970 TO 1980

[As of March. Excludes persons under 18 years old who were householders and spouses of householders. Based on Current Population Survey; see headnote, table 68]

YEAR AND RACE	Persons under 18 years old (1,000)	Percent living with both parents	PERCENT LIVING WITH MOTHER ONLY WHO IS—				Percent living with father only	Percent living with neither parent
			Married, spouse absent	Widowed	Divorced	Single (never married)		
1970: Total ¹	69,458	84.9	4.7	2.0	3.3	.8	1.1	3.3
White	59,026	89.2	2.8	1.7	3.1	.2	.9	2.2
Black	9,483	58.1	16.2	4.2	4.6	4.4	2.2	10.4
1975: Total ¹	66,087	80.3	5.8	2.4	5.5	1.8	1.5	2.7
White	55,500	85.4	3.8	1.9	5.1	.5	1.5	1.7
Black	9,472	49.4	18.7	5.1	8.1	9.1	1.8	7.9
1979: Total ¹	62,389	77.4	5.6	2.0	6.8	2.5	1.6	3.4
White	51,688	83.5	3.7	1.6	6.4	.8	1.5	2.0
Black	9,285	43.4	16.2	4.3	9.5	11.9	2.1	11.3
1980: Total ¹	61,744	76.6	5.7	2.0	7.5	2.8	1.7	3.7
White	50,991	82.7	3.8	1.7	7.0	1.0	1.6	2.2
Black	9,290	42.2	16.1	4.0	10.9	12.8	2.0	12.1

¹ Includes races not shown separately.

NO. 74. PERSONS LIVING ALONE, BY AGE AND SEX: 1960 TO 1980

[1960, census data as of April; thereafter, based on Current Population Survey as of March. See headnote, table 68]

SEX AND AGE	NUMBER OF PERSONS (1,000)						PERCENT DISTRIBUTION				
	1960	1965	1970	1975	1979	1980	1960	1965	1970	1975	1980
Both sexes	7,064	8,602	10,851	13,939	17,201	17,816	100.0	100.0	100.0	100.0	100.0
14-24 years	234	305	556	1,111	1,620	1,670	3.3	3.5	5.1	8.0	9.4
25-44 years	2,122	1,281	1,604	2,744	4,160	4,807	17.2	14.9	14.8	19.7	25.9
45-64 years	2,720	3,073	3,622	4,076	4,354	4,400	38.5	35.7	33.4	29.2	24.7
65 years and over	2,898	3,943	5,071	6,008	7,066	7,139	41.0	45.8	46.7	43.1	40.1
Male	2,628	2,923	3,532	4,918	6,464	6,793	37.2	34.0	32.5	35.3	38.1
14-24 years	124	141	274	610	870	919	1.8	1.6	2.5	4.4	5.2
25-44 years	686	737	933	1,689	2,563	2,848	9.7	8.6	8.6	12.1	16.0
45-64 years	965	1,013	1,152	1,329	1,558	1,589	13.7	11.8	10.6	9.5	8.9
65 years and over	853	1,033	1,174	1,290	1,472	1,437	12.1	12.0	10.8	9.3	8.1
Female	4,436	5,679	7,319	9,021	10,738	11,022	62.8	66.0	67.5	64.7	61.9
14-24 years	110	164	282	501	751	751	1.6	1.9	2.6	3.6	4.2
25-44 years	526	544	671	1,055	1,597	1,759	7.4	6.3	6.2	7.6	9.9
45-64 years	1,755	2,060	2,470	2,747	2,796	2,809	24.8	23.9	22.8	19.7	15.8
65 years and over	2,045	2,910	3,887	4,718	5,595	5,703	28.9	33.8	35.9	33.8	32.0

¹ Persons 15-24 years.

Source of tables 73 and 74: U.S. Bureau of the Census. *U.S. Census of Population: 1960*, Subject Report, PC(2)-4B, and *Current Population Reports*, series P-20, No. 365 and earlier issues.

NO. 75. LIVING ARRANGEMENTS OF ELDERLY WIDOWED PERSONS: 1970 TO 1980

[Persons 65 years and over. As of March. Noninstitutional population. Based on Current Population Survey; see headnote, t. 68]

WIDOWED PERSONS	HOUSEHOLDER				NOT A HOUSEHOLDER		
	Total (1,000)	Percent family householder	Percent nonfamily householder living—		Total (1,000)	Percent in families	Percent living with no relatives
			Alone	With non-relatives			
1970: Total	5,296	22.3	74.6	3.1	1,984	89.4	10.5
Widow	4,344	22.2	75.0	2.9	1,519	92.2	7.7
Widower	952	22.9	73.0	4.1	465	80.0	19.8
1975: Total	6,117	18.6	78.9	2.5	1,588	92.3	7.7
Widow	5,110	18.8	78.7	2.4	1,407	93.5	6.5
Widower	1,007	17.3	79.4	3.2	181	82.9	17.1
1979: Total	6,886	16.5	81.1	2.4	1,575	90.7	9.3
Widow	5,833	16.7	81.0	2.4	1,277	93.3	6.7
Widower	1,053	15.5	81.8	2.6	298	79.2	20.8
1980: Total	7,011	17.4	80.6	1.9	1,443	91.5	8.5
Widow	5,926	17.3	80.9	1.8	1,194	93.5	6.5
Widower	1,085	18.1	79.0	2.9	249	82.3	17.7

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 365 and earlier issues.

NO. 76. CHARACTERISTICS OF WIDOWS, BY AGE GROUP: 1970 AND 1980

[In thousands of persons, except percent. Except as indicated, covers persons 14 years old and over in 1970 and 15 years old and over in 1980. Based on Current Population Survey as of March; see headnote, table 77]

CHARACTERISTIC	1970 ¹					1980				
	Total	Under 45 yr.	45-64 yr.	65-74 yr.	75 yr. and over	Total	Under 45 yr.	45-64 yr.	65-74 yr.	75 yr. and over
Total	9,734	392	3,063	3,065	3,214	10,479	453	2,903	3,444	3,677
Percent, by age.....	100.0	4.0	31.5	31.5	33.0	100.0	4.3	27.7	32.9	35.1
Per 100 widowers.....	475	478	564	501	395	531	686	507	618	474
In labor force ²	2,542	223	1,732	587		2,924	338	1,879	707	
Employed.....	2,463	(NA)	(NA)	(NA)		2,808	309	1,806	693	
		PERCENT					PERCENT			
White.....	8,559	3.2	30.5	31.6	34.6	9,060	3.5	26.2	33.3	36.9
Black.....	1,120	10.4	38.1	30.4	21.2	1,280	9.4	38.0	29.8	22.8
Living arrangement:										
Householder.....	7,308	4.7	34.9	32.8	27.6	8,912	4.5	29.0	34.2	32.3
Family householder.....	2,392	12.1	47.0	22.0	18.9	2,518	14.0	45.2	21.8	19.0
Nonfamily householder.....	4,915	1.1	29.0	38.0	31.9	6,394	.8	22.6	39.0	37.6
Not householder ³	2,426	2.0	21.1	27.6	49.3	1,567	3.2	20.5	25.5	50.7
In families.....	1,862	2.3	22.1	29.4	46.2	1,410	2.2	18.7	25.8	53.3
Inmates of institutions.....	362	-	8.0	18.2	73.8	(NA)	(NA)	(NA)	(NA)	(NA)
Family householder with own children under 18:										
No children.....	1,753	(NA)	(NA)	(NA)	(NA)	1,853	(NA)	(NA)	(NA)	(NA)
One child.....	295	(NA)	(NA)	(NA)	(NA)	353	(NA)	(NA)	(NA)	(NA)
2 or more children.....	349	(NA)	(NA)	(NA)	(NA)	312	(NA)	(NA)	(NA)	(NA)

- Represents zero. NA Not available.

¹ Data revised using population controls from the 1970 census; therefore, figures will not agree with table 75.

² Covers widows 16 years old and over. Source: U.S. Bureau of Labor Statistics.

³ Includes secondary individuals not shown separately.

Source: Except as noted, U.S. Bureau of the Census, *Current Population Reports*, series P-20, forthcoming report, and unpublished data.

NO. 77. POPULATION IN INSTITUTIONS AND OTHER GROUP QUARTERS, BY RACE, TYPE OF QUARTERS, AND SEX: 1960 AND 1970

[In thousands. 1960 based on 25-percent sample; 1970, on 20-percent sample. See *Historical Statistics, Colonial Times to 1970*, series A 359-371, for inmates of institutions]

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

NA Not available. Z Fewer than 500.

¹ For similar but not strictly comparable data, see the following: Tuberculosis and chronic disease hospitals, table 173; homes for the aged and dependent, tables 183 and 184; homes and schools for mentally handicapped, table 182; and training schools for juvenile delinquents, table 326.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. I, Chapter D, and vol. II; and *Census of Population: 1970*, vols. I and II.

NO. 78. INMATES OF INSTITUTIONS, BY TYPE OF INSTITUTION: 1970

STATE	All inmates	Correc-tional institu-tions	Mental hospi-tals ¹	TB and chronic disease hospi-tals ²	HOMES AND/OR SCHOOLS FOR—				
					Aged and depend-ent	Mentally handi-capped	Physi-cally handi-capped	Dependent and neglected children and unwed mothers	Training schools for juvenile delin-quents ³
U.S.....	2,126,719	328,020	433,890	84,032	927,514	201,992	22,739	51,803	76,729
Alabama.....	31,060	5,651	8,397	1,786	10,848	2,510	675	608	585
Alaska.....	1,345	337	340	32	353	111	-	75	97
Arizona.....	11,143	3,331	1,376	255	3,606	1,237	282	112	944
Arkansas.....	20,291	2,121	2,853	463	11,696	1,009	640	799	710
California.....	214,068	49,858	27,941	6,787	101,065	13,685	979	2,072	11,681
Colorado.....	21,987	3,041	3,265	548	11,720	1,781	404	399	829
Connecticut.....	34,055	3,626	6,373	2,294	15,707	4,472	831	391	358
Delaware.....	5,176	665	1,552	967	1,403	155	-	103	341
District of Columbia.....	12,172	1,256	4,484	193	5,331	57	38	570	243
Florida.....	60,641	16,189	11,442	1,064	21,570	5,853	1,037	928	2,558
Georgia.....	46,239	14,447	10,501	1,461	14,550	1,915	648	1,422	1,295
Hawaii.....	4,224	372	782	710	1,334	869	42	18	97
Idaho.....	6,063	617	554	238	3,692	548	77	56	281
Illinois.....	111,874	12,181	23,478	3,962	54,300	10,603	748	3,549	3,053
Indiana.....	51,332	8,232	8,353	469	22,889	7,126	811	1,702	1,750
Iowa.....	37,184	2,275	3,175	596	27,422	2,526	114	477	599
Kansas.....	30,846	4,816	4,246	619	18,209	1,512	591	256	597
Kentucky.....	27,187	5,625	3,440	1,178	13,321	1,256	455	1,076	836
Louisiana.....	31,859	7,748	5,171	659	12,083	3,401	764	703	1,330
Maine.....	10,723	729	3,179	242	5,000	960	40	172	401
Maryland.....	39,448	8,923	9,116	2,428	11,497	4,803	368	537	1,776
Massachusetts.....	77,242	5,478	15,244	4,010	41,866	8,170	664	640	1,170
Michigan.....	86,437	12,898	17,623	2,919	36,281	12,167	568	1,145	2,836
Minnesota.....	50,389	3,228	6,137	687	33,326	5,098	566	301	1,046
Mississippi.....	16,036	2,622	7,070	52	4,329	1,221	17	430	295
Missouri.....	47,523	6,848	6,975	2,001	25,001	3,691	644	847	1,516
Montana.....	7,577	612	1,295	154	3,861	990	43	163	459
Nebraska.....	22,197	1,660	1,157	1,106	13,282	3,100	154	1,242	496
Nevada.....	3,234	1,217	514	83	892	-	-	57	471
New Hampshire.....	8,738	463	2,128	192	4,235	1,026	205	166	323
New Jersey.....	60,009	8,872	14,734	4,515	23,141	7,011	138	804	794
New Mexico.....	6,083	1,522	495	369	1,946	804	183	352	412
New York.....	217,582	29,628	74,235	13,549	68,024	22,320	1,177	6,002	8,847
North Carolina.....	47,589	10,850	9,873	982	14,418	5,231	942	2,586	2,887
North Dakota.....	9,033	255	1,071	326	5,742	1,257	123	123	136
Ohio.....	106,599	14,290	22,583	3,587	49,229	8,938	310	4,108	3,554
Oklahoma.....	37,125	6,035	3,556	684	20,851	2,384	265	2,035	1,315
Oregon.....	24,268	2,636	3,594	1,382	13,082	2,214	349	329	682
Pennsylvania.....	123,780	12,715	34,043	5,244	47,726	14,632	1,538	3,923	3,959
Rhode Island.....	10,502	520	2,004	1,688	4,917	976	-	235	162
South Carolina.....	22,802	5,087	8,774	261	5,994	1,054	-	985	847
South Dakota.....	10,761	469	1,808	413	5,901	1,143	304	34	689
Tennessee.....	34,402	6,716	6,781	5,128	8,764	2,934	695	1,156	2,228
Texas.....	116,034	21,591	15,949	2,883	51,318	13,247	1,030	5,450	4,566
Utah.....	6,792	875	512	84	3,772	75	1,150	13	311
Vermont.....	5,339	402	1,344	25	2,390	646	105	88	339
Virginia.....	46,102	11,324	13,266	1,620	12,491	3,697	667	936	2,101
Washington.....	38,180	5,894	3,577	403	21,259	4,646	519	313	1,569
West Virginia.....	13,841	2,301	5,235	613	3,954	60	337	334	1,007
Wisconsin.....	58,051	4,667	11,440	2,057	30,546	6,871	502	771	1,197
Wyoming.....	3,555	315	852	54	1,380	-	-	200	754

- Represents zero.

¹ Includes residential treatment centers.² Excludes mental hospitals.³ Includes detention homes.Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. II, *Persons in Institutions and Other Group Quarters*.

No. 79. RELIGIOUS BODIES—SELECTED DATA

[Represents latest information available from religious bodies with memberships of 50,000 or more; excludes a few groups giving no data. Not all groups follow same calendar year nor count membership in same way; some groups give only approximate figures. Roman Catholics count all baptized persons, including infants; Jewish statistics are estimates of the number of individuals living in households in which one or more Jews reside, less 8 percent for non-Jews residing in these households; Eastern Orthodox Churches include all persons in their nationality or cultural groups; most Protestant bodies count only persons who have attained full membership, and previous estimates have indicated that all but a small minority of these are over 13 years of age; however, many Lutheran bodies and The Episcopal Church now report all baptized persons, and not only those confirmed. Data which appear in italics are "noncurrent," i.e., they are reported for 1978 or earlier. All other data are "current" and were reported in 1979 or 1980]

RELIGIOUS BODY	Year	Churches reported	Membership (1,000)	Pastors serving parishes	Sunday school enrollment ¹ (1,000)
Total.....	(x)	331,065	133,469	274,298	34,516
Bodies with membership of 50,000 or more.....	(x)	317,273	131,879	262,118	34,199
Current data.....	(x)	253,989	115,575	208,470	34,199
Noncurrent data.....	(x)	63,284	16,304	53,648	(NA)
African Methodist Episcopal Church.....	1979	3,050	1,970	3,560	105
African Methodist Episcopal Zion Church.....	1979	6,020	1,125	6,556	194
American Baptist Association.....	1980	5,000	1,500	5,000	800
American Baptist Churches in the U.S.A.....	1978	5,897	1,272	4,330	(NA)
American Carpatho-Russian Orthodox Greek Catholic Church.....	1976	70	100	61	(NA)
American Lutheran Church, The.....	1979	4,849	2,363	4,418	573
Antiochian Orthodox Christian Archdiocese of North America, The.....	1977	110	152	120	(NA)
Apostolic Overcoming Holy Church of God.....	1956	300	75	300	(NA)
Armenian Apostolic Church of America.....	1972	29	125	23	(NA)
Armenian Church of America, Diocese of the (incl. Diocese of California).....	1979	66	450	45	3
Assemblies of God.....	1979	9,562	1,629	9,848	1,350
Baptist General Conference.....	1979	701	127	980	110
Baptist Missionary Association of America.....	1979	1,439	226	2,500	102
Buddhist Churches of America.....	1975	60	60	80	(NA)
Bulgarian Eastern Orthodox Church (Diocese of N. and S. America and Australia).....	1971	13	86	(NA)	(NA)
Christian and Missionary Alliance.....	1979	1,319	174	1,078	158
Christian Church (Disciples of Christ).....	1979	4,324	1,231	3,988	356
Christian Churches and Churches of Christ.....	1979	5,535	1,054	5,989	(NA)
Christian Congregation, Inc., The.....	1979	1,159	83	1,159	48
Christian Methodist Episcopal Church.....	1965	2,598	467	2,214	(NA)
Christian Reformed Church in North America.....	1979	632	213	570	55
Church of God, The.....	1978	2,035	76	1,910	(NA)
Church of God (Anderson, Ind.).....	1979	2,259	175	1,808	228
Church of God (Cleveland, Tenn.).....	1979	5,018	411	8,510	348
Church of God in Christ, The.....	1965	4,500	425	4,000	(NA)
Church of God in Christ, International, The.....	1971	1,041	501	(NA)	(NA)
Church of God of Prophecy, The.....	1979	1,930	228	2,295	232
Church of Jesus Christ of Latter-day Saints, The.....	1979	6,738	2706	20,394	2,528
Church of the Brethren.....	1979	1,061	172	(NA)	(NA)
Church of the Nazarene.....	1979	4,831	475	(NA)	886
Churches of Christ.....	1979	12,700	1,600	(NA)	950
Community Churches, National Council of.....	1979	185	190	210	(NA)
Congregational Christian Churches, National Association of.....	1980	393	100	443	(NA)
Conservative Baptist Association of America.....	1979	1,125	225	(NA)	(NA)
Coptic Orthodox Church.....	1980	25	100	22	4
Cumberland Presbyterian Church.....	1979	854	95	523	50
Episcopal Church, The.....	1979	7,022	2,841	7,357	562
Evangelical Covenant Church of America.....	1979	529	76	481	65
Evangelical Free Church of America.....	1979	732	78	(NA)	95
Evangelical Lutheran Churches, The Association of.....	1979	283	114	310	(NA)
Free Methodist Church of North America.....	1979	1,013	67	(NA)	107
Free Will Baptists.....	1979	2,437	231	2,762	174
Friends United Meeting.....	1979	530	61	371	27
Full Gospel Fellowship of Churches and Ministers, International.....	1980	394	59	807	39
General Association of Regular Baptist Churches.....	1980	1,577	244	(NA)	(NA)
General Baptist (General Association of).....	1979	866	73	(NA)	(NA)
Greek Orthodox Archdiocese of North and South America.....	1977	535	1,950	610	(NA)
Independent Fundamental Churches of America.....	1980	1,019	120	762	137
International Church of the Foursquare Gospel.....	1963	714	89	741	(NA)
Jehovah's Witnesses.....	1979	7,545	527	(x)	(NA)
Jews ²	1979	3,500	5,861	4,000	(NA)
Lutheran Church in America.....	1979	5,788	2,921	4,978	681

See footnotes at end of table.

No. 79. RELIGIOUS BODIES—SELECTED DATA—Continued

[See headnote, p. 52]

RELIGIOUS BODY	Year	Churches reported	Member-ship (1,000)	Pastors serving parishes	Sunday school enrollment ¹ (1,000)
Bodies with membership of 50,000 or more—Con.					
Lutheran Church—Missouri Synod, The.....	1979	5,689	2,623	4,598	637
Mennonite Church.....	1979	1,107	98	1,912	(NA)
Moravian Church in America (Unitas Fratrum).....	1979	148	54	139	17
National Baptist Convention of America.....	1956	11,398	2,689	7,598	(NA)
National Baptist Convention, U.S.A., Inc.....	1958	26,000	5,500	26,000	(NA)
National Primitive Baptist Convention, Inc.....	1975	606	250	460	(NA)
North American Old Roman Catholic Church.....	1979	121	69	87	10
Old Order Amish Church.....	1979	535	80	2,140	(NA)
Open Bible Standard Churches, Inc.....	1980	283	60	503	(NA)
Orthodox Church in America.....	1978	440	1,000	457	(NA)
Pentecostal Church of God.....	1977	1,189	111	1,320	(NA)
Pentecostal Holiness Church.....	1977	2,340	86	1,329	(NA)
Plymouth Brethren.....	1980	850	79	(NA)	(NA)
Polish National Catholic Church of America.....	1960	162	282	141	(NA)
Presbyterian Church in America.....	1979	460	87	435	44
Presbyterian Church in the U.S.....	1979	4,067	853	3,114	400
Primitive Baptists.....	1960	1,000	72	(NA)	(NA)
Progressive National Baptist Convention, Inc.....	1967	655	522	(NA)	(NA)
Reformed Church in America.....	1979	904	348	838	106
Reorganized Church of Jesus Christ of Latter-day Saints.....	1979	1,045	189	16,386	(NA)
Roman Catholic Church, The.....	1979	24,161	49,812	(NA)	8,265
Russian Orthodox Church in the U.S.A., Patriarchal Parishes of the.....	1975	41	52	55	(NA)
Russian Orthodox Church Outside Russia, The.....	1955	81	55	92	(NA)
Salvation Army, The.....	1979	1,067	415	2,334	105
Serbian Eastern Orthodox Church for the U.S.A. and Canada.....	1967	52	65	56	(NA)
Seventh-day Adventists.....	1979	3,672	553	1,875	437
Southern Baptist Convention.....	1979	35,552	13,373	33,600	7,311
Triumph the Church and Kingdom of God in Christ (International).....	1972	475	54	860	(NA)
Ukrainian Orthodox Church in the U.S.A.....	1966	107	88	107	(NA)
Unitarian Universalist Association.....	1979	988	139	550	37
United Church of Christ.....	1979	6,467	1,746	5,195	487
United Free Will Baptist Church.....	1952	836	100	794	(NA)
United Methodist Church, The.....	1979	38,576	9,654	20,178	4,277
United Pentecostal Church, International.....	1980	2,829	465	2,956	(NA)
United Presbyterian Church in the U.S.A., The.....	1979	8,633	2,477	7,525	853
Wesleyan Church, The.....	1979	1,717	101	1,418	199
Wisconsin Evangelical Lutheran Synod.....	1979	1,128	405	963	47
Bodies with membership of less than 50,000.....	(X)	13,792	1,590	12,180	317

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

No. 80. RELIGIOUS BODIES—CHURCH MEMBERSHIP, 1950 TO 1979, AND NUMBER OF CHURCHES, 1979

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

RELIGIOUS BODY	MEMBERSHIP						Number of churches, 1979
	1950	1960	1965	1970	1975	1979	
Total.....	86,830	114,449	124,682	131,046	131,012	133,469	331,065
Members as percent of population ¹	57	64	64	63	61	61	(X)
Average members per local church.....	304	359	382	399	393	403	(X)
Buddhist Churches of America.....	73	20	92	100	60	60	60
Eastern Churches.....	1,650	2,699	3,172	3,850	3,696	3,822	1,606
Jewish Congregations ²	5,000	5,367	5,600	5,870	6,115	5,861	3,500
Old Catholic, Polish National Catholic, and Armenian Churches.....	260	590	484	848	846	937	421
The Roman Catholic Church.....	28,635	42,105	46,246	48,215	48,882	49,612	24,161
Protestants ³	51,080	53,669	69,088	71,713	71,043	72,815	300,077
Miscellaneous ⁴	142			449	372	163	1,240

X Not applicable. ¹ Based on Bureau of the Census estimated total population as of July 1. ² Includes Orthodox, Conservative, and Reformed Congregations. ³ Includes nonprotestant bodies such as "Latter-day Saints" and "Jehovah's Witnesses." ⁴ Includes nonchristian bodies such as "Spiritualists," "Ethical Culture Movement," and "Unitarian-Universalists."

Source of tables 79 and 80: National Council of the Churches of Christ in the United States of America, New York, N.Y., *Yearbook of American and Canadian Churches*, annual. (Copyright.)

NO. 81. RELIGIOUS BODIES—CHURCH CONTRIBUTIONS

[Data are for 44 U.S. Communions reporting in 1979 or 1980. Data are incomplete as not all U.S. churches have current data available. For additional data, see source]

RELIGIOUS BODY	CONTRIBUTIONS		Congregational finances (\$1,000)	BENEVOLENCES	
	Total (\$1,000)	Per capita inclusive membership ¹		Total (\$1,000)	Percent of total contributions
United States Communions	8,082,747	\$181.42	6,467,930	1,614,821	20.0
American Baptist Churches in the U.S.A.	216,654	170.37	184,716	31,938	14.7
American Lutheran Church, The	347,924	147.25	284,020	63,904	18.4
Associate Reformed Presbyterian Church, General Synod	8,013	250.55	6,155	1,858	23.2
Baptist General Conference	53,130	419.00	44,417	8,712	16.4
Brethren in Christ Church	6,831	446.97	5,519	1,312	19.2
Christian Church (Disciples of Christ)	199,606	164.54	172,271	27,335	13.7
Christian Union, The General Counsel of	1,531	280.31	1,302	230	15.0
Church of God (Anderson, Ind.)	78,409	447.76	65,975	12,435	15.9
Church of God, General Conference (Oregon, Ill.)	1,275	167.32	1,170	105	8.2
Church of the Brethren	38,584	224.18	28,423	10,161	26.3
Church of the Lutheran Confession	1,879	201.18	1,478	401	21.3
Church of the Nazarene	197,549	416.05	171,324	26,225	13.3
Churches of God, General Conference	11,137	319.36	8,838	2,300	20.6
Conservative Congregational Christian Conference	6,904	290.68	5,055	1,849	26.8
Cumberland Presbyterian Church	16,419	173.62	13,908	2,514	15.3
Episcopal Church, The	484,211	170.41	410,130	74,081	15.3
Evangelical Church of North America	5,649	449.04	4,255	1,395	24.7
Evangelical Congregational Church	7,562	270.10	6,044	1,518	20.1
Evangelical Covenant Church of America	39,387	517.63	29,987	9,400	23.9
Evangelical Lutheran Synod	3,620	180.59	2,751	869	24.0
Evangelical Mennonite Brethren Conference	1,716	433.78	971	745	43.4
Evangelical Mennonite Church	2,209	596.40	1,381	828	37.5
Friends United Meeting	8,794	143.30	6,663	2,131	24.2
General Baptists, General Association of	14,350	196.45	13,131	1,219	8.5
Independent Fundamental Churches of America	88,159	731.94	72,363	15,796	17.9
Latvian Evangelical Lutheran Church in America	1,161	81.21	916	244	21.1
Lutheran Church in America	372,930	127.67	301,605	71,325	19.1
Lutheran Church—Missouri Synod, The	424,520	161.84	360,990	63,531	15.0
Mennonite Brethren Churches, General Conference of	6,596	408.05	4,571	2,025	30.7
Mennonite Church	39,622	404.20	24,505	15,117	38.2
Moravian Church in America, Northern Province	5,289	166.16	4,600	689	13.0
Moravian Church in America, Southern Province	3,532	167.71	2,685	847	24.0
North American Baptist Conference	16,979	396.91	13,415	3,564	21.0
Orthodox Presbyterian Church	5,830	358.47	4,683	1,147	19.7
Presbyterian Church in America	38,254	440.29	28,118	10,136	26.5
Presbyterian Church in the United States	268,443	314.81	215,030	53,413	19.9
Primitive Methodist Church, U.S.A.	2,720	268.60	2,262	458	16.8
Reformed Church in America	80,268	230.38	63,453	16,815	20.9
Seventh-day Adventists	374,648	677.37	118,712	255,936	68.3
Southern Baptist Convention	2,220,100	166.01	1,864,214	355,886	16.0
United Church of Christ	290,544	166.45	249,443	41,101	14.1
United Methodist Church, The	1,364,460	141.34	1,050,481	313,980	23.0
United Presbyterian Church in the United States	656,135	264.85	561,019	95,116	14.5
Wisconsin Evangelical Lutheran Synod	69,214	171.08	54,993	14,230	20.6

¹Inclusive membership refers to those who are full, communicant, or confirmed members, plus other members listed as baptized, or nonconfirmed, or noncommunicant.

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

NO. 82. NATIONAL NONPROFIT ASSOCIATIONS—NUMBER, BY TYPE: 1970 TO 1980

[Covers organizations of national scope]

TYPE	1970	1975	1980	TYPE	1970	1975	1980
Total	10,734	12,866	14,726	Public affairs	498	835	1,068
Trade business, commercial	2,895	2,837	3,118	Fraternal, foreign interest, nationality, ethnic	610	460	435
Agriculture	508	612	677	Religious	806	736	797
Legal, governmental, public administration, military	346	450	529	Veteran, hereditary, patriotic	198	213	208
Scientific, engineering, tech	548	874	1,039	Hobby, avocational	444	681	910
Educational and cultural	1,383	2,132	2,376	Athletic sports	336	449	504
Social welfare	475	777	994	Labor unions	226	234	235
Health, medical	830	1,138	1,413	Chambers of Commerce ²	110	112	105
				Greek letter societies	334	326	318

¹Includes associations not shown separately.

²National, binational, and international.

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



Section 2

Vital Statistics

This section presents vital statistics—data on births; deaths; abortions; fetal deaths, including stillbirths; fertility; life expectancy; marriages; and divorces. Vital statistics are compiled for the country as a whole by the National Center for Health Statistics (NCHS) and published in its annual report, *Vital Statistics of the United States*, in certain reports of the *Vital and Health Statistics* series, and in the *Monthly Vital Statistics Report*. Reports in this field are also issued by the various State bureaus of vital statistics. Data on fertility, on age of persons at first marriage, and on marital status and marital history are compiled by the Bureau of the Census from its Current Population Survey (CPS; see text, p. 1) and published in *Current Population Reports*, series P-20.

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

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

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

Mortality statistics by cause of death are compiled in accordance with World Health Organization regulations according to the *International Classification of Diseases* (ICD). The ICD is revised approximately every 10 years. The eighth revision of the ICD, in use for the latest data shown here, was employed from 1968 to 1978. In January 1979, the ninth revision was put in use. Each revision of the ICD introduces a number of discontinuities in mortality statistics; for a discussion of those between the seventh and eighth revisions of the ICD, see *Vital and Health Statistics*, series 2, No. 66.

Fertility and life expectancy.—The total fertility rate, defined as the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year, is compiled and published by NCHS. Other data relating to social and medical factors which affect fertility rates, such as contraceptive use and birth expectations, are collected and made available by both NCHS and the Bureau of the Census. NCHS figures are

based on information in birth and fetal death certificates and on the 1973 and 1976 National Surveys of Family Growth; Bureau of the Census data are based on decennial censuses and the CPS.

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

Marriage and divorce.—The compilation of nationwide statistics on marriages and divorces in the United States began in 1887–1888 when the National Office of Vital Statistics prepared estimates for the years 1867–1886. Although periodic updates took place after 1888, marriage and divorce statistics were not collected and published annually until 1944 by that Office. In 1957 and 1958, respectively, the same Office established marriage- and divorce-registration areas. Beginning in 1957, the marriage-registration area comprised 30 States, plus Alaska, Hawaii, Puerto Rico, and the Virgin Islands; by 1978 it also included nine additional States and the District of Columbia. The divorce-registration area, starting in 1958 with 14 States, Alaska, Hawaii, and the Virgin Islands, included by 1979 a total of 30 States and the Virgin Islands. Procedures for estimating the number of marriages and divorces in the registration States are discussed in *Vital Statistics of the United States*, vol. III—*Marriage and Divorce*. Data for nonregistration States are gathered mainly by collecting already summarized data on marriages and divorces reported by nonregistration State offices of vital statistics and by county offices of registration.

Another important source of data on marriage and divorce trends in the United States is the Current Population Survey conducted monthly by the Bureau of the Census. For further details, see text, p. 1.

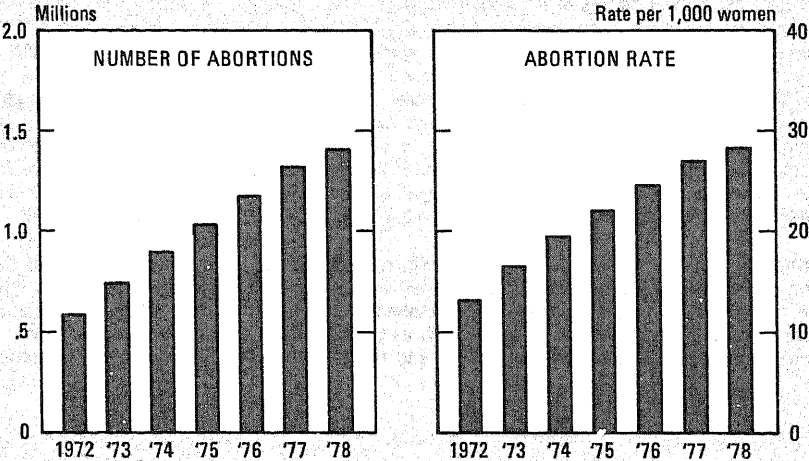
Vital statistics rates.—Vital statistics rates computed by NCHS are based on decennial census population figures as of April 15, 1910; January 1, 1920; and April 1 for 1930, 1940, 1950, 1960, and 1970; and on midyear population figures for other years, as estimated by the Bureau of the Census (see text, p. 2).

Race.—Data by race for births, deaths, marriages, and divorces from NCHS are based on information contained in the certificates of registration. In NCHS's National Survey of Family Growth and the Census Bureau's Current Population Survey, race is determined by interviewer observation.

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

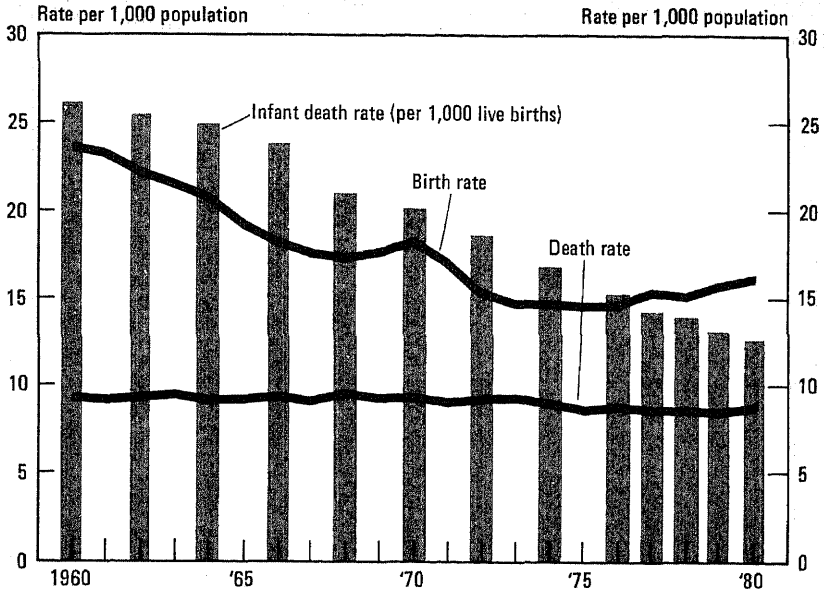
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

Figure 2.1
**Legal Abortions — Number and Rate per 1,000 Women
15-44 Years Old: 1972 to 1978**



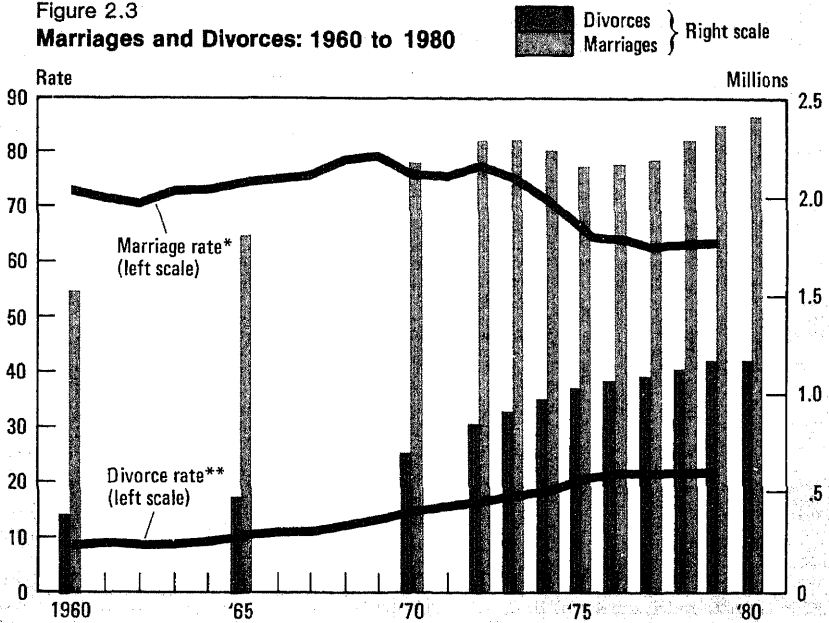
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 101.

Figure 2.2
Birth and Death Rates: 1960 to 1980



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

Figure 2.3
Marriages and Divorces: 1960 to 1980



*Rate per 1,000 unmarried women, 15 years old and over.

**Rate per 1,000 married women, 15 years old and over.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 124.

No. 83. LIVE BIRTHS, DEATHS, MARRIAGES, AND DIVORCES: 1910 TO 1980

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

YEAR	NUMBER (1,000)					RATE PER 1,000 POPULATION				
	Births ¹	Deaths		Mar- riages ²	Di- vorces ⁴	Births ¹	Deaths		Mar- riages ²	Di- vorces ⁴
		Total	Infant ³				Total	Infant ³		
1910.....	2,777	697	(NA)	948	83	30.1	14.7	(NA)	10.3	.9
1915.....	2,965	916	78	1,008	104	29.5	13.2	99.9	10.0	1.0
1920.....	2,950	1,118	130	1,274	171	27.7	13.0	85.8	12.0	1.6
1925.....	2,909	1,192	135	1,188	175	25.1	11.7	71.7	10.3	1.5
1930.....	2,618	1,327	142	1,127	196	21.3	11.3	64.6	9.2	1.6
1935.....	2,377	1,393	120	1,327	218	18.7	10.0	55.7	10.4	1.7
1940.....	2,559	1,417	111	1,596	264	19.4	10.8	47.0	12.1	2.0
1945.....	2,858	1,402	105	1,613	485	20.4	10.6	38.3	12.2	3.5
1950.....	3,632	1,452	104	1,867	385	24.1	9.6	29.2	11.1	2.6
1955.....	4,097	1,529	107	1,531	377	25.0	9.3	26.4	9.3	2.3
1960.....	4,258	1,712	111	1,523	393	23.7	9.5	26.0	8.5	2.2
1963.....	4,098	1,814	103	1,654	428	21.7	9.6	25.2	8.8	2.3
1964.....	4,027	1,798	100	1,725	450	21.0	9.4	24.8	9.0	2.4
1965.....	3,760	1,828	93	1,800	479	19.4	9.4	24.7	9.3	2.5
1966.....	3,606	1,863	86	1,857	499	18.4	9.5	23.7	9.5	2.5
1967.....	3,521	1,851	79	1,927	523	17.8	9.4	22.4	9.7	2.6
1968.....	3,502	1,930	76	2,069	584	17.5	9.7	21.8	10.4	2.9
1969.....	3,600	1,922	75	2,145	639	17.8	9.5	20.7	10.6	3.2
1970.....	3,731	1,921	75	2,159	708	18.4	9.5	20.0	10.6	3.5
1971.....	3,556	1,928	68	2,190	773	17.2	9.3	19.1	10.6	3.7
1972.....	3,258	1,964	60	2,282	845	15.6	9.4	18.5	11.0	4.1
1973.....	3,137	1,973	56	2,284	915	14.9	9.4	17.7	10.9	4.4
1974.....	3,160	1,934	53	2,230	977	14.9	9.2	16.7	10.5	4.6
1975.....	3,144	1,893	51	2,153	1,036	14.8	8.9	16.1	10.1	4.9
1976.....	3,168	1,909	48	2,155	1,083	14.8	8.9	15.2	10.0	5.0
1977.....	3,327	1,900	47	2,178	1,091	15.4	8.8	14.1	10.1	5.0
1978.....	3,333	1,928	46	2,282	1,130	15.3	8.8	13.8	10.5	5.2
1979.....	3,494	1,906	45	2,331	1,181	15.9	8.7	13.0	10.6	5.4
1980, prel.....	3,598	1,986	45	2,413	1,182	16.2	8.9	12.5	10.9	5.3

NA Not available. ¹ Through 1955, adjusted for underregistration. ² Infants under 1 year, excluding fetal deaths; rates per 1,000 registered live births. ³ Includes estimates for some States through 1969 and also for 1976, and marriage licenses for some States for all years except 1973 and 1975. ⁴ Includes reported annulments and some estimated State figures for all years. ⁵ Includes 37,462 nonlicensed marriages registered in California for 1978, 41,961 for 1979, and 46,001 for 1980.

No. 84. TOTAL FERTILITY RATE AND INTRINSIC RATE OF NATURAL INCREASE: 1940 TO 1979

[Excludes Alaska prior to 1959 and Hawaii prior to 1960. Prior to 1960, based on births adjusted for underregistration; thereafter, registered births only. Beginning 1970, excludes births to nonresidents of United States. The *total fertility rate* is the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year. A total fertility rate of 2.110 represents "replacement level" fertility for the total population under current mortality conditions (assuming no net immigration). The *intrinsic rate of natural increase* is the rate that would eventually prevail if a population were to experience, at each year of age, the birth rates and death rates occurring in the specified year and if those rates remained unchanged over a long period of time. Minus sign (-) denotes decrease. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, Series B 11)

ANNUAL AVERAGE AND YEAR	TOTAL FERTILITY RATE			INTRINSIC RATE OF NATURAL INCREASE			YEAR	TOTAL FERTILITY RATE			INTRINSIC RATE OF NATURAL INCREASE		
	Total	White	Black and other	Total	White	Black and other		Total	White	Black and other	Total	White	Black and other
1940-1944 ..	2,523	2,460	3,010	4.6	3.9	9.8	1968.....	2,464	2,366	3,108	5.9	4.2	16.0
1945-1949 ..	2,985	2,916	3,485	11.7	10.9	17.2	1969.....	2,456	2,360	3,061	5.7	4.1	15.4
1950-1954 ..	3,337	3,221	4,185	16.8	15.4	25.7	1970.....	2,480	2,385	3,067	6.0	4.5	14.4
1955-1959 ..	3,690	3,549	4,716	21.1	19.5	30.7	1971.....	2,275	2,168	2,933	2.8	1.0	12.8
1960-1964 ..	3,449	3,326	4,326	18.6	17.1	27.7	1972.....	2,022	1,918	2,651	-1.7	-3.7	8.9
1965-1969 ..	2,622	2,512	3,362	8.2	6.4	18.6	1973.....	1,896	1,798	2,474	-4.2	-6.1	6.1
1970-1974 ..	2,106	2,007	2,700	-4	-2.2	9.4							
1975-1979 ..	1,810	1,717	2,334	-6.1	-8.0	13.8	1974.....	1,857	1,768	2,377	-5.0	-6.8	4.6
							1975.....	1,799	1,708	2,322	-6.1	-8.1	3.7
1965	2,913	2,783	3,808	12.1	10.3	23.1	1976.....	1,768	1,679	2,276	-6.7	-8.6	3.0
1966	2,721	2,603	3,532	9.7	7.9	20.4	1977.....	1,826	1,735	2,343	-5.4	-7.4	4.3
1967	2,558	2,447	3,299	7.4	5.6	18.2	1978.....	1,800	1,704	2,334	-6.0	-8.0	4.1
							1979.....	1,856	1,758	2,395	(NA)	(NA)	(NA)

NA Not available. ¹ 1975-1978 data.

Source of tables 83 and 84: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and unpublished data.

NO. 85. BIRTHS AND BIRTH RATES: 1950 TO 1979

[Births in thousands, except as indicated. Prior to 1960, excludes Alaska and Hawaii. For 1950 and 1955, births adjusted for underregistration; thereafter registered births. Beginning 1970, excludes births to nonresidents of U.S. See Appendix III. Minus sign (-) denotes decrease. For population bases used to derive these data, see text, p. 56. See also *Historical Statistics, Colonial Times to 1970*, series B 1, B 5-10, and B 12-20]

ITEM	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Live births.....	3,632	4,097	4,258	3,760	3,731	3,137	3,160	3,144	3,168	3,327	3,333	3,494
Average annual percent change ¹	3.8	2.4	.8	-2.5	-2	-5.6	.7	-5	.8	5.0	.8	4.8
White.....	3,108	3,485	3,601	3,124	3,091	2,551	2,576	2,552	2,568	2,691	2,681	2,808
Black and other.....	524	613	657	636	640	586	584	592	600	636	652	686
Black.....	(NA)	(NA)	602	581	572	513	507	512	514	544	552	578
Male.....	1,863	2,099	2,180	1,927	1,915	1,608	1,622	1,613	1,624	1,706	1,709	1,791
Female.....	1,768	1,998	2,078	1,833	1,816	1,529	1,538	1,531	1,543	1,621	1,624	1,703
Males per 100 females.....	105.4	105.1	104.9	105.1	105.5	105.2	105.5	105.4	105.3	105.3	105.3	105.2
Age of mother:												
Under 20 years.....	438	498	594	599	656	617	608	595	571	571	554	560
20-24 years.....	1,155	1,280	1,427	1,337	1,419	1,101	1,108	1,094	1,092	1,146	1,140	1,189
25-29 years.....	1,041	1,131	1,093	926	995	888	923	937	972	1,016	1,015	1,069
30-34 years.....	611	731	688	529	428	370	373	376	392	447	474	517
35-39 years.....	303	352	360	283	180	127	118	115	116	121	126	135
40 years or more.....	83	95	97	86	53	34	30	28	26	25	24	24
Birth rate per 1,000 population.....	24.1	25.0	23.7	19.4	18.4	14.9	14.9	14.8	14.8	15.4	15.3	15.9
White.....	23.0	23.8	22.7	18.3	17.4	13.9	14.0	13.8	13.8	14.4	14.2	14.8
Black and other.....	33.3	34.5	32.1	27.6	25.1	21.9	21.4	21.2	21.1	21.9	22.1	22.8
Black.....	(NA)	(NA)	31.9	27.7	25.3	21.5	21.0	20.9	20.8	21.7	21.6	22.3
Male.....	24.9	25.8	24.7	20.3	19.4	15.7	15.8	15.6	15.5	16.2	16.1	16.7
Female.....	23.3	23.9	22.8	18.6	17.4	14.2	14.2	14.0	14.0	14.6	14.5	15.1
Plural birth ratio ²	20.9	21.1	20.4	20.1	³ 18.1	18.4	18.6	19.2	19.5	19.2	19.6	19.5
Birth rate per 1,000 women ⁴	106.2	118.3	118.0	96.6	87.9	69.2	68.4	66.7	65.8	67.8	66.6	68.5
White ⁴	102.3	113.7	113.2	91.4	84.1	65.3	64.7	63.0	62.2	64.0	62.7	64.5
Black and other ⁴	137.3	155.3	153.6	131.9	113.0	94.3	91.0	89.3	87.6	89.9	89.3	91.4
Black ⁴	(NA)	(NA)	153.5	133.2	115.4	94.3	90.8	89.2	87.2	89.8	88.6	90.5
Age of mother:												
10-14 years.....	1.0	.9	.8	.8	1.2	1.3	1.2	1.3	1.2	1.2	1.2	1.2
15-19 years.....	81.6	90.5	89.1	70.5	68.3	59.7	58.1	56.3	55.3	53.7	52.4	53.4
20-24 years.....	196.6	242.0	258.1	195.3	167.8	120.7	119.0	114.7	112.1	115.2	112.3	115.7
25-29 years.....	166.1	190.5	197.4	161.6	145.1	113.6	113.3	110.3	108.8	114.2	112.0	115.6
30-34 years.....	103.7	116.2	112.7	94.4	73.3	56.1	54.4	53.1	54.5	57.5	59.1	61.8
35-39 years.....	52.9	58.7	56.2	46.2	31.7	22.0	20.2	19.4	19.0	19.2	18.9	19.4
40-44 years.....	15.1	16.1	15.5	12.8	8.1	5.4	4.8	4.6	4.3	4.2	3.9	3.9
45-49 years.....	⁵ 1.2	⁵ 1.0	⁵ .9	.8	.5	.3	.3	.3	.2	.2	.2	.2

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

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

NO. 86. BIRTH RATES, BY LIVE-BIRTH ORDER AND RACE: 1950 TO 1979

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

LIVE-BIRTH ORDER	WHITE						BLACK					
	1950	1960	1965	1970	1975	1979	1950 ¹	1960	1965	1970	1975	1979
Total.....	102.3	113.2	91.4	84.1	63.0	64.5	137.3	153.5	133.2	115.4	89.2	90.5
First birth.....	33.3	30.8	28.9	32.9	26.9	27.9	33.8	33.6	35.8	43.3	37.4	36.2
Second birth.....	32.3	29.2	23.0	23.7	20.5	21.2	30.3	29.3	26.1	27.1	24.6	26.5
Third birth.....	17.9	22.7	16.2	13.3	8.9	9.6	22.9	24.0	19.3	16.1	12.8	14.7
Fourth birth.....	8.4	14.1	10.1	6.8	3.6	3.4	15.3	18.6	14.5	10.0	6.3	6.8
Fifth birth.....	4.1	7.5	5.8	3.4	1.5	1.3	10.4	14.1	10.9	6.4	3.3	3.1
Sixth and seventh.....	3.7	6.1	5.0	2.7	1.1	.8	12.6	18.4	14.0	7.0	2.9	2.2
Eighth and over.....	2.5	2.8	2.4	1.2	.5	.3	12.0	15.6	12.7	5.6	1.9	1.0

¹ Black and other races.

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

NO. 87. LIVE BIRTHS—NUMBER AND RATE, BY STATES: 1960 TO 1979

[Registered births by place of residence. Beginning 1970, excludes births to nonresidents of the U.S. See Appendix III]

DIVISION AND STATE	NUMBER (1,000)								RATE PER 1,000 POPULATION ¹							
	1960	1965	1970	1975	1976	1977	1978	1979	1960	1965	1970	1975	1976	1977	1978	1979
U.S.	4,258	3,760	3,731	3,144	3,168	3,327	3,333	3,494	23.7	19.4	18.4	14.8	14.8	15.4	15.3	15.9
N.E.	237	213	200	148	145	152	153	158	22.5	19.1	16.9	12.1	11.9	12.4	12.5	12.9
Maine.....	23	20	18	15	15	16	16	16	24.0	19.9	17.9	14.4	14.0	14.9	14.5	14.9
N.H.....	14	13	13	11	11	12	12	13	22.8	19.5	17.9	13.5	13.6	14.2	14.3	14.5
Vt.....	9	8	8	7	7	7	7	8	24.1	20.5	18.8	14.3	14.2	14.5	14.6	15.2
Mass.....	115	101	95	68	66	68	69	71	22.4	18.6	16.6	11.7	11.4	11.8	11.9	12.2
R.I.....	18	17	16	11	11	12	12	12	21.4	19.4	16.5	11.6	11.7	12.4	12.4	12.8
Conn.....	57	54	50	36	36	37	37	39	22.4	19.2	16.7	11.6	11.4	11.8	12.0	12.4
M.A.	733	665	630	477	475	488	480	490	21.5	18.3	16.9	12.8	12.7	13.2	13.0	13.4
N.Y.....	359	336	318	236	236	240	234	236	21.4	18.6	17.4	13.0	13.0	13.4	13.2	13.4
N.J.....	132	125	120	92	91	94	94	97	21.8	18.5	16.8	12.6	12.4	12.8	12.8	13.2
Pa.....	241	205	193	149	148	154	152	158	21.3	17.8	16.3	12.6	12.5	13.0	12.9	13.5
E.N.C.	877	751	764	610	603	631	627	657	24.2	19.7	18.7	14.9	14.7	15.4	15.2	15.9
Ohio.....	231	195	200	159	155	162	161	167	23.8	19.1	18.7	14.8	14.5	15.1	15.0	15.6
Ind.....	113	98	99	82	81	85	84	87	24.2	20.0	19.1	15.5	15.2	16.0	15.5	16.2
Ill.....	239	208	205	169	170	177	175	184	23.7	19.6	18.5	15.2	15.2	15.8	15.5	16.4
Mich.....	195	167	172	134	131	138	139	145	25.0	20.1	19.4	14.6	14.4	15.2	15.2	15.7
Wis.....	100	83	78	65	65	69	69	73	25.2	20.0	17.6	14.1	14.1	14.8	14.7	15.5
W.N.C.	369	297	284	246	249	264	265	279	24.0	18.7	17.4	14.7	14.8	15.6	15.5	16.3
Minn.....	88	71	68	56	57	60	62	65	25.7	19.9	18.0	14.4	14.3	15.2	15.4	16.1
Iowa.....	54	51	48	41	42	45	45	47	23.3	18.5	17.1	14.4	14.5	15.6	15.3	16.1
Mo.....	98	81	81	69	69	73	73	76	22.7	18.1	17.3	14.4	14.4	15.2	15.0	15.7
N. Dak.....	17	13	11	11	11	11	11	12	26.3	20.2	17.6	16.7	16.6	17.5	17.3	17.9
S. Dak.....	18	14	12	11	12	12	12	13	25.9	19.7	17.0	16.5	17.0	17.5	17.7	18.9
Nebr.....	34	28	26	24	24	25	25	26	24.3	18.8	17.3	15.3	15.3	16.1	16.0	16.7
Kans.....	51	39	38	34	35	37	37	39	23.3	17.6	17.0	15.0	15.3	15.9	15.7	16.5
S.A.	629	575	574	482	481	509	506	527	24.2	20.0	18.7	14.3	14.2	14.8	14.6	15.1
Del.....	12	11	11	8	8	9	9	9	25.9	21.2	19.2	14.2	13.9	14.8	14.9	15.3
Md.....	77	74	69	53	53	56	55	58	24.9	21.0	17.6	12.9	12.7	13.5	13.3	14.0
D.C.....	20	18	15	10	10	10	9	10	26.0	22.5	20.1	13.6	13.8	14.6	14.0	14.5
Va.....	96	89	86	70	70	74	73	77	24.1	20.0	18.6	14.1	13.9	14.5	14.2	14.8
W. Va.....	39	32	31	28	29	30	29	30	21.2	17.7	17.8	15.6	15.7	16.2	15.7	15.9
N.C.....	110	98	98	81	81	85	82	84	24.1	19.9	19.3	14.6	14.7	15.3	14.8	15.0
S.C.....	60	53	52	47	48	50	50	51	25.1	20.8	20.1	16.6	16.8	17.4	17.1	17.3
Ga.....	100	94	97	80	79	85	84	88	25.3	21.7	21.1	16.2	15.9	16.8	16.6	17.2
Fla.....	116	107	115	106	105	111	113	121	23.3	18.4	16.9	12.7	12.4	13.1	13.1	13.7
E.S.C.	294	258	248	219	219	233	229	236	24.4	20.1	19.4	16.2	16.0	16.8	16.4	16.7
Ky.....	72	62	60	55	55	59	57	59	23.8	19.4	18.7	16.1	16.1	17.0	16.4	16.7
Tenn.....	82	73	72	62	63	67	67	68	23.0	19.0	18.4	14.9	14.9	15.5	15.4	15.6
Ala.....	81	71	67	58	58	62	60	63	24.7	20.4	19.4	16.1	15.8	16.8	16.2	16.6
Miss.....	59	52	49	44	43	45	44	46	27.2	22.5	22.1	18.7	18.2	19.0	18.4	18.9
W.S.C.	431	375	386	361	366	385	393	419	25.4	20.2	20.0	17.3	17.3	17.8	17.8	18.7
Ark.....	41	37	35	34	34	36	35	36	22.7	18.7	18.5	16.3	16.2	16.7	16.1	16.7
La.....	90	80	74	68	70	75	75	79	27.7	22.5	20.4	17.9	18.2	19.1	18.8	19.7
Okla.....	51	43	45	43	44	45	46	49	21.9	17.3	17.5	15.7	15.8	16.2	16.1	17.0
Tex. ²	249	216	231	216	219	229	237	255	26.0	20.4	20.6	17.6	17.5	17.9	18.2	19.0
Mt.	187	160	172	177	185	197	203	217	27.3	20.6	20.7	18.3	18.8	19.6	19.5	20.3
Mont.....	17	14	13	12	13	13	14	14	25.9	19.3	18.2	16.1	16.7	17.5	17.4	17.9
Idaho.....	17	13	14	16	17	19	19	20	25.7	19.3	20.3	19.8	20.9	22.0	22.0	22.1
Wyo.....	9	7	7	7	7	8	9	10	25.8	19.3	19.6	18.6	18.9	20.4	20.4	21.7
Colo.....	43	37	42	40	41	43	44	47	24.5	18.7	18.8	15.9	15.9	16.4	16.3	17.0
N. Mex.....	31	24	22	21	22	23	24	26	32.3	23.6	21.8	18.3	18.9	19.4	19.7	20.6
Ariz.....	37	34	38	40	40	42	43	47	28.2	21.1	21.3	17.8	17.6	18.2	18.2	19.1
Utah.....	26	22	27	32	35	38	39	41	29.5	22.5	25.5	26.3	28.7	29.9	29.5	30.1
Nev.....	7	9	10	9	10	10	11	12	25.5	21.5	19.6	15.3	15.8	16.1	16.5	17.6
Pac.	501	465	483	425	444	468	480	512	23.6	19.0	18.2	15.0	15.5	16.0	16.1	16.8
Wash.....	65	63	61	51	53	57	59	64	22.9	17.7	17.8	14.3	14.7	15.6	15.5	16.4
Oreg.....	38	33	35	33	35	38	39	42	21.7	17.4	16.8	14.6	15.0	15.8	15.9	16.5
Calif.....	372	356	363	317	332	348	356	379	23.7	19.1	18.2	15.0	15.4	15.9	16.0	16.7
Alaska.....	8	7	8	7	8	8	9	9	33.4	27.9	25.1	21.2	20.8	20.6	21.6	22.4
Hawaii.....	17	16	16	16	16	17	17	18	27.2	23.0	21.4	18.2	18.5	18.9	18.6	19.2

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

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

NO. 88. LIVE BIRTHS, BY RACE—STATES: 1970 TO 1979

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

DIVISION AND STATE	WHITE			BLACK			DIVISION AND STATE	WHITE			BLACK		
	1970	1975	1979	1970	1975	1979		1970	1975	1979	1970	1975	1979
U.S.	3,091	2,552	2,808	572	512	578	S.A.—Con.						
N.E.	188	137	145	10	9	11	Va.....	67	53	56	18	16	19
Maine.....	18	15	16	(z)	(z)	(z)	W. Va.....	30	27	29	1	1	1
N.H.....	13	11	13	(z)	(z)	(z)	N.C.....	70	55	57	27	24	25
Vt.....	8	7	7	(z)	(z)	(z)	S.C.....	33	28	30	19	18	20
Mass.....	90	63	64	4	4	5	Ga.....	66	52	55	30	28	32
R.I.....	15	10	11	1	1	1	Fla.....	87	78	88	27	27	32
Conn.....	45	31	33	5	4	5	E.S.C.	182	159	169	65	59	66
M.A.	523	386	392	102	83	89	Ky.....	55	50	53	5	5	6
N.Y.....	257	184	181	57	48	49	Tenn.....	57	49	52	15	14	16
N.J.....	98	73	75	21	17	20	Ala.....	45	38	40	22	20	22
Pa.....	168	129	136	24	19	20	Miss.....	26	23	23	23	21	22
E.N.C.	645	510	546	104	93	102	W.S.C.	306	283	328	75	72	82
Ohio.....	175	137	142	24	21	23	Ark.....	26	25	27	9	9	9
Ind.....	90	73	77	9	9	10	La.....	46	41	48	28	27	31
Ill.....	163	130	140	40	36	40	Okl.....	38	35	39	4	4	5
Mich.....	144	110	119	27	23	24	Tex.....	195	182	214	34	32	37
Wis.....	73	60	67	4	4	5	Mt.	157	160	196	5	5	7
W.N.C.	262	224	253	18	16	19	Mont.....	11	11	13	(z)	(z)	(z)
Minn.....	67	54	62	1	1	1	Idaho.....	14	16	19	(z)	(z)	(z)
Iowa.....	47	40	45	1	1	1	Wyo.....	6	7	9	(z)	(z)	(z)
Mo.....	68	57	64	12	11	12	Colo.....	39	38	44	2	2	2
N. Dak.....	10	10	11	(z)	(z)	(z)	N. Mex.....	19	18	21	1	1	1
S. Dak.....	10	10	11	(z)	(z)	(z)	Ariz.....	32	33	39	1	2	2
Nebr.....	24	22	24	1	1	1	Utah.....	26	31	40	(z)	(z)	(z)
Kans.....	35	31	35	3	2	3	Nev.....	8	8	10	1	1	1
S.A.	416	336	362	154	138	157	Pac.	413	354	419	38	36	46
Del.....	8	6	7	2	2	2	Wash.....	56	46	58	2	2	3
Md.....	52	38	39	16	14	18	Oreg.....	33	32	39	1	1	1
D.C.....	2	1	1	13	8	8	Calif.....	313	267	312	35	33	42
							Alaska.....	6	5	6	(z)	(z)	(z)
							Hawaii.....	5	4	4	(z)	(z)	1

Z Fewer than 500.

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

NO. 89. LIVE BIRTHS, BY ATTENDANT AND PLACE OF DELIVERY, AND MEDIAN AND LOW-BIRTH WEIGHT, BY RACE: 1950 TO 1979

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

YEAR	BIRTHS ATTENDED (1,000)			MEDIAN BIRTH WEIGHT			PERCENT OF BIRTHS WITH LOW BIRTH WEIGHT ³		
	Physician in hospital ¹	Not in hospital		Total	White	Black	Total	White	Black
		Physician	Mid-wife and other ²						
1950.....	3,126	252	177	7 lb.-5 oz.....	7 lb.-5 oz.....	7 lb.-3 oz. ⁴	7.6	7.2	⁴ 10.4
1955.....	3,819	101	128	7 lb.-5 oz.....	7 lb.-5 oz.....	7 lb.-1 oz. ⁴	7.7	6.9	⁴ 11.8
1960.....	4,114	49	94	7 lb.-5 oz.....	7 lb.-6 oz.....	6 lb.-15 oz. ⁴	7.7	6.8	⁴ 12.8
1965.....	3,661	33	66	7 lb.-4 oz.....	7 lb.-5 oz.....	6 lb.-14 oz. ⁴	8.3	7.2	⁴ 13.8
1970.....	3,708	5	18	7 lb.-4 oz.....	7 lb.-5 oz.....	6 lb.-14 oz.....	7.9	6.8	13.9
1972.....	3,234	7	18	7 lb.-5 oz.....	7 lb.-6 oz.....	6 lb.-14 oz.....	7.7	6.5	13.6
1973.....	3,115	7	16	7 lb.-5 oz.....	7 lb.-6 oz.....	6 lb.-15 oz.....	7.6	6.4	13.3
1974.....	3,134	11	16	7 lb.-5 oz.....	7 lb.-7 oz.....	6 lb.-15 oz.....	7.4	6.3	13.1
1975.....	3,105	11	28	7 lb.-5 oz.....	7 lb.-7 oz.....	6 lb.-15 oz.....	7.4	6.3	13.1
1976.....	3,124	12	32	7 lb.-6 oz.....	7 lb.-7 oz.....	6 lb.-15 oz.....	7.3	6.1	13.0
1977.....	3,278	13	36	7 lb.-6 oz.....	7 lb.-8 oz.....	6 lb.-15 oz.....	7.1	5.9	12.8
1978.....	3,301	12	21	7 lb.-6 oz.....	7 lb.-8 oz.....	6 lb.-15 oz.....	7.1	5.9	12.9
1979.....	3,460	12	22	7 lb.-7 oz.....	7 lb.-8 oz.....	6 lb.-15 oz.....	6.9	5.8	12.6

¹ Includes all births in hospitals or institutions and in clinics. ² Includes births with attendant not specified.³ Through 1978, births of 2,500 grams (5 lb.-8 oz.) or less at birth; 1979, less than 2,500 grams. ⁴ Black and other races.Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and unpublished data.

NO. 90. PLURAL BIRTH RATIOS, BY RACE AND AGE OF MOTHER: 1971 TO 1979

[Ratios are all plural live births per 1,000 total live births in specified groups. Excludes births to nonresidents of the U.S. See Appendix III]

AGE OF MOTHER (in years)	TOTAL ¹				WHITE				BLACK			
	1971	1975	1978	1979	1971	1975	1978	1979	1971	1975	1978	1979
Total	18.1	19.2	19.6	19.5	17.3	18.5	18.8	18.6	22.8	23.1	24.2	24.2
Under 15.....	10.4	10.6	10.6	10.2	8.6	9.9	7.8	9.3	11.6	10.4	13.0	10.6
15-19.....	11.7	12.8	13.7	13.1	10.8	11.8	12.6	11.9	14.1	15.6	16.5	16.3
20-24.....	16.5	17.9	17.9	17.7	15.4	16.8	16.7	16.5	23.0	24.2	23.7	23.8
25-29.....	20.3	21.4	21.6	21.4	19.3	20.7	20.8	20.4	29.1	27.7	29.0	29.6
30-34.....	24.1	25.0	24.4	24.6	23.2	24.1	23.6	23.9	31.9	33.9	33.0	32.9
35-39.....	27.6	26.3	27.1	26.6	26.4	25.5	25.9	26.1	35.8	32.1	36.8	32.0
40-44.....	22.6	23.7	19.8	19.6	21.6	22.9	17.8	19.1	28.3	28.4	26.9	23.5
45-49.....	18.1	8.6	8.8	15.8	14.7	8.1	6.4	14.3	29.2	11.9	4.0	17.8

¹ Includes other races, not shown separately.

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

NO. 91. LIFETIME BIRTHS EXPECTED PER 1,000 WIVES: 1967 TO 1979

[Refers to currently married women in the civilian noninstitutional population. Based on Current Population Survey; see text, p. 1]

YEAR AND MONTH	LIFETIME BIRTHS TO ALL WIVES AGED—				LIFETIME BIRTHS TO WHITE WIVES AGED—				LIFETIME BIRTHS TO BLACK WIVES AGED—			
	18-24	25-29	30-34	35-39	18-24	25-29	30-34	35-39	18-24	25-29	30-34	35-39
1967 (Feb.-Mar.).....	2,852	3,037	3,288	3,300	2,859	3,001	3,200	3,215	2,762	3,407	4,257	4,226
1971 (June).....	2,375	2,619	2,989	3,257	2,353	2,577	2,936	3,189	2,623	3,112	3,714	4,223
1975 (June).....	2,173	2,280	2,610	3,058	2,147	2,233	2,564	2,989	2,489	2,587	3,212	3,962
1977 (June).....	2,137	2,197	2,468	2,848	2,140	2,183	2,424	2,876	2,092	2,304	2,990	3,867
1978 (June).....	2,166	2,215	2,424	(NA)	2,139	2,188	2,395	(NA)	2,461	2,604	2,789	(NA)
1979 (June).....	2,164	2,193	2,262	(NA)	2,145	2,169	2,259	(NA)	2,361	2,554	2,580	(NA)

NA Not available.

NO. 92. LIFETIME BIRTHS EXPECTED BY WIVES, 18-34 YEARS OLD—PERCENT DISTRIBUTION: 1967 TO 1979

[As of June, except 1967 as of Feb.-Mar. Refers to currently married women in the civilian noninstitutional population. Data limited to wives reporting on birth expectations. Based on Current Population Survey; see text, p. 1]

NUMBER OF BIRTHS EXPECTED	1967					1975					
	Race		Age			Race			Age		
	White	Black	18-24 years	25-29 years	30-34 years	White	Black	Spanish origin ¹	18-24 years	25-29 years	30-34 years
None.....	2.2	3.0	1.3	2.5	6.1	4.9	3.0	3.2	4.1	4.9	5.2
One.....	5.5	8.1	6.1	5.1	5.5	10.8	10.7	10.6	11.2	11.7	9.8
Two.....	31.4	24.9	37.1	29.3	18.8	49.8	40.0	40.4	58.2	50.4	38.3
Three.....	30.3	25.1	29.8	33.5	14.9	23.3	22.4	25.2	19.4	23.3	26.8
Four or more.....	30.6	39.0	25.7	29.9	55.3	11.1	24.0	20.5	7.0	9.8	19.8
	1979										
	Race			Age			Education			Labor force status	
	White	Black	Spanish origin ¹	18-24 years	25-29 years	30-34 years	Not high school graduate	High school, 4 years	College, 1 year or more	In labor force	Not in labor force
None.....	5.8	4.2	3.5	5.2	5.3	6.4	3.6	5.2	7.3	8.2	2.5
One.....	12.3	14.0	8.5	11.8	12.9	12.6	11.3	12.3	13.3	15.3	8.9
Two.....	51.5	40.7	40.5	54.9	51.9	46.2	40.0	51.3	54.9	52.2	48.9
Three.....	21.4	23.3	28.1	20.9	21.3	22.4	26.1	22.8	17.8	17.7	26.5
Four or more.....	8.9	17.9	19.5	7.1	8.6	12.4	19.1	8.5	6.7	6.7	13.3

¹ Persons of Spanish origin may be of any race.

Source of tables 91 and 92: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 358, and earlier issues.

NO. 93. MARRIAGE AND CHILDBEARING AT EARLY AGES FOR WOMEN BORN FROM 1920-1924 TO 1950-1954: 1978

[Covers civilian noninstitutional population. Based on June 1978 Current Population Survey; see text, p. 1]

ITEM	PERIOD DURING WHICH WOMEN WERE BORN						
	1920-1924	1925-1929	1930-1934	1935-1939	1940-1944	1945-1949	1950-1954
Number of women (1,000).....	6,056	6,025	5,680	5,957	6,901	8,548	9,230
Percent married by—							
Age 20	34.3	38.8	43.5	46.5	43.3	39.5	35.8
Age 25	76.6	79.5	81.4	83.3	81.6	80.5	(NA)
Percent having first child by—							
Age 20	18.3	22.0	25.3	29.1	29.1	25.1	23.0
Age 25	55.1	63.0	67.4	71.6	67.9	61.2	(NA)

NA Not available.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 100.

NO. 94. PERCENT DISTRIBUTION OF FIRST BIRTHS BETWEEN 1950 AND 1979 BY AGE OF MOTHER AT BIRTH OF FIRST CHILD: 1979

[Covers civilian noninstitutional population. Data include children born to women of all marital classes. Based on results of June 1979 Current Population Survey; see text, p. 1. For definition of median, see Guide to Tabular Presentation]

PERIOD OF CHILD'S BIRTH	First births ¹ (1,000)	CUMULATIVE PERCENT, BY AGE OF MOTHER					Median age (yrs.)
		17 yrs.	20 yrs.	25 yrs.	30 yrs.	35 yrs. and over	
1950-1954 ²	5,139	10.8	37.9	80.1	96.9	100.0	22.2
1955-1959 ³	5,849	11.9	42.0	79.3	93.2	100.0	21.8
1960-1964.....	5,982	11.2	45.3	81.9	93.2	100.0	21.4
1965-1969.....	6,321	11.4	45.7	84.0	95.2	100.0	21.4
1970-1974.....	6,880	13.9	43.4	82.5	96.2	100.0	21.7
1975-1979 ⁴	6,111	11.7	39.3	76.2	94.8	100.0	22.3

¹ Represents number of women who had their first child in specified period. ² Excludes some first births to women occurring after age 30. ³ Excludes some first births to women occurring after age 35. ⁴ Covers first births occurring up to survey date. Excludes first births to never-married women who were not 18 years old as of the survey date.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 358.

NO. 95. FIRST BIRTHS TO WOMEN WED BETWEEN 1930 AND 1974 AT STATED INTERVALS FROM FIRST MARRIAGE, BY RACE: 1975

[Data limited to women born since 1900. Based on results of June 1975 Current Population Survey; see text, p. 1]

RACE AND PERIOD OF FIRST MARRIAGE	Number of women (1,000)	CUMULATIVE PERCENT WITH FIRST CHILD BORN—				RACE AND PERIOD OF FIRST MARRIAGE	Number of women (1,000)	CUMULATIVE PERCENT WITH FIRST CHILD BORN—			
		Before first mar- riage	After first marriage—					Before first mar- riage	After first marriage—		
			7 mo.	12 mo.	24 mo.				7 mo.	12 mo.	24 mo.
All women:						White women—Con.					
1930-1934	3,639	5.1	11.4	27.3	48.4	1955-1959	5,262	4.5	14.8	39.7	67.6
1935-1939	4,870	4.0	10.1	26.8	49.3	1960-1964	5,520	5.1	17.7	41.1	66.0
1940-1944	5,711	4.7	10.1	25.7	50.2	1965-1969	6,426	5.1	19.9	37.2	55.1
1945-1949	6,653	5.6	11.8	32.9	57.5	1970-1974	6,896	6.1	18.6	29.6	45.4
1950-1954	6,031	6.5	14.5	35.0	60.6						
1955-1959	6,062	7.6	18.7	42.0	68.2	Black women:					
1960-1964	6,268	8.2	21.6	43.8	67.3	1930-1934	759	17.9	30.4	43.7	57.4
1965-1969	7,337	8.3	22.9	39.6	57.2	1935-1939					
1970-1974	7,845	9.5	22.1	32.9	48.4	1940-1944	1,104	25.2	38.5	50.4	60.5
						1945-1949					
White women:						1950-1954	1,308	28.8	44.1	56.0	71.3
1930-1934	3,282	3.9	9.5	25.8	47.7	1955-1959					
1935-1939	4,393	2.7	8.2	25.0	48.1	1960-1964	645	34.1	54.8	67.2	79.1
1940-1944	5,160	2.9	7.6	23.6	49.5	1965-1969	754	35.1	50.0	62.1	75.0
1945-1949	5,968	3.4	8.8	30.8	56.9	1970-1974	758	37.5	52.5	62.0	72.5
1950-1954	5,337	4.2	11.5	33.1	59.8						

¹ Data adjusted for the part of the cohort that had not completed the stated interval since first marriage.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 315.

NO. 96. CHILDLESS WOMEN AND CHILDREN EVER BORN, BY AGE OF WOMAN: 1950 TO 1979

[Prior to 1960, excludes Alaska and Hawaii. 1950, 1960, and 1970 based on sample of decennial census, see source; all other years based on Current Population Survey, see text, p. 1. See also *Historical Statistics, Colonial Times to 1970*, series B 49-66]

AGE (years)	1950 (April)	1954 (April)	1960 (April)	1965 (June)	1970 (April)	1975 (June)	1978 (June)	1979 (June)			
								Total ¹	White	Black	Spanish origin ²
PERCENT CHILDLESS AMONG WOMEN EVER MARRIED											
15-44	22.8	18.1	15.0	14.2	16.4	18.0	18.9	19.0	19.7	12.4	15.2
15-19	22.8	47.0	43.6	48.0	50.9	50.6	54.2	48.5	49.6	(b)	38.3
20-24	33.3	24.3	24.2	28.0	35.7	42.3	40.9	40.5	42.4	21.4	26.7
25-29	21.1	16.9	12.6	11.7	15.8	21.1	25.2	26.2	27.4	14.8	19.8
30-34	17.3	13.4	10.4	7.2	8.3	8.8	11.6	13.1	13.4	10.8	6.4
35-39	19.1	15.9	11.1	8.7	7.3	5.3	7.0	7.1	7.1	7.7	6.6
40-44	20.0	17.8	14.1	11.0	8.6	7.0	6.1	6.7	6.6	7.6	8.5
45-49	20.4	19.0	18.1	13.9	10.6	7.3	7.2	7.1	6.9	9.3	12.7
50-59	18.1	(NA)	20.7	19.3	15.6	11.5	9.8	9.7	9.2	15.0	7.5
CHILDREN EVER BORN PER 1,000 WOMEN EVER MARRIED											
15-44	1,859	2,037	2,314	2,477	2,360	2,140	2,040	1,993	1,924	2,624	2,348
15-19	604	667	792	665	636	601	548	649	630	(b)	798
20-24	1,082	1,337	1,441	1,328	1,071	886	908	919	879	1,325	1,319
25-29	1,654	1,930	2,241	2,360	1,984	1,580	1,443	1,411	1,364	1,896	1,770
30-34	2,059	2,247	2,627	2,950	2,806	2,387	2,135	2,029	1,993	2,424	2,708
35-39	2,247	2,334	2,686	3,016	3,170	2,994	2,788	2,678	2,593	3,340	3,350
40-44	2,364	2,335	2,564	2,856	3,097	3,282	3,212	3,108	2,993	4,018	3,253
45-49	2,492	2,436	2,402	2,603	2,854	3,152	3,236	3,249	3,168	3,921	3,634
50-59	2,622	(NA)	2,420	2,350	2,520	2,759	2,944	2,968	2,885	3,685	3,892

B Base less than 75,000. NA Not available. ¹ Includes other races not shown separately. ² Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1950, Special Report, Fertility*, part 5; *U.S. Census of Population: 1960 and 1970*, vol. 1, *Characteristics of the Population*, part 1, *U.S. Summary*; and *Current Population Reports*, series P-20, No. 358 and earlier issues.

NO. 97. CHILDREN EVER BORN TO SINGLE WOMEN, BY AGE OF WOMAN: 1970 TO 1979

[Refers to women never-married at time of survey. 1970 as of April, based on the enumerated resident population, 1976 and 1979 as of June, based on the civilian noninstitutional population from Current Population Survey. See text, p. 1]

ITEM	ALL SINGLE WOMEN ¹			WHITE SINGLE WOMEN			BLACK SINGLE WOMEN		
	Total, 18-49 years	18-29 years	30-49 years	Total, 18-49 years	18-29 years	30-49 years	Total, 18-49 years	18-29 years	30-49 years
1970									
Single women (1,000)	8,107	6,664	1,443	6,788	5,615	1,173	1,177	933	244
Children ever born (1,000)	1,755	1,024	731	693	407	286	1,021	592	429
Rate per 1,000 women	216	154	506	102	72	244	867	635	1,758
Percent distribution by number born:									
None	90.0	91.1	82.6	94.7	95.7	90.6	60.2	64.1	45.6
One	10.0	8.9	6.6	3.1	3.0	4.5	19.5	20.3	15.8
Two or more			10.8	2.2	1.2	4.9	20.2	15.5	38.6
1976									
Single women (1,000)	10,180	8,823	1,357	8,189	7,157	1,032	1,772	1,476	296
Children ever born (1,000)	2,198	1,425	773	608	405	203	1,544	983	551
Rate per 1,000 women	216	162	570	74	57	197	871	666	1,895
Percent distribution by number born:									
None	88.1	89.5	79.3	95.1	95.7	90.4	56.1	59.3	40.1
One	6.8	6.9	6.8	3.4	3.3	4.2	22.7	24.0	16.2
Two or more	5.0	3.7	13.9	1.5	.9	5.4	21.2	16.7	43.8
1979									
Single women (1,000)	12,004	10,336	1,668	9,477	8,248	1,229	2,253	1,857	396
Children ever born (1,000)	3,044	2,071	973	904	674	230	2,085	1,360	725
Rate per 1,000 women	254	200	583	95	82	187	925	732	1,831
Percent distribution by number born:									
None	85.1	86.6	76.1	93.3	93.8	89.8	50.7	54.4	32.9
One	9.1	8.9	10.1	4.9	4.8	5.9	26.8	27.6	22.9
Two or more	5.8	4.5	13.9	1.9	1.5	4.6	22.6	17.9	44.2

¹ Includes races not shown separately.

Source: U.S. Bureau of the Census, *Census of Population: 1970, Women by Number of Children Ever Born*, PC(2)-3A; and *Current Population Reports*, series P-20, Nos. 308 and 358.

No. 98. BIRTHS TO UNMARRIED WOMEN, BY RACE AND AGE OF MOTHER: 1950 TO 1979

[Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes births to nonresidents of U.S. Includes estimates for States in which marital status data were not reported. No estimates included for misstatements on birth records or failures to register births. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series B 28-35]

RACE AND AGE OF MOTHER	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978	1979
Total live births (1,000)	141.6	183.3	224.3	291.2	398.7	418.1	447.9	468.1	515.7	543.9	597.8
Percent of all births ¹	4.0	4.5	5.3	7.7	10.7	13.2	14.2	14.8	15.5	16.3	17.1
White (1,000).....	53.5	64.2	82.5	123.7	175.1	168.5	186.4	197.1	220.1	233.6	263.0
Black and other (1,000).....	88.1	119.2	141.8	167.5	223.6	249.6	261.6	271.0	295.5	310.2	334.8
Percent of total.....	62.2	65.0	63.2	57.5	56.1	59.7	58.4	57.9	57.3	57.0	56.0
Black (1,000).....	(NA)	(NA)	(NA)	(NA)	215.1	238.8	249.6	258.8	281.6	293.4	315.8
Percent White of all White births.....	1.7	1.8	2.3	4.0	5.7	6.5	7.3	7.7	8.2	8.7	9.4
Percent Black and other of all Black and other births.....	16.8	19.4	21.6	26.3	34.9	42.7	44.2	45.2	46.5	47.6	48.8
Under 15 years (1,000).....	3.2	3.9	4.6	6.1	9.5	10.6	11.0	10.3	10.1	9.4	9.5
15-19 years (1,000).....	56.0	68.9	87.1	123.1	190.4	210.8	222.5	225.0	239.7	239.7	253.2
20-24 years (1,000).....	43.1	55.7	68.0	90.7	126.7	122.7	134.0	145.4	168.6	186.5	210.1
25-29 years (1,000).....	20.9	28.0	32.1	36.8	40.6	44.9	50.2	55.4	62.4	70.0	80.6
30-34 years (1,000).....	10.8	16.1	18.9	19.6	19.1	18.6	19.8	21.0	23.7	26.5	31.3
35 years and over (1,000).....	7.7	10.7	13.6	15.1	12.4	10.5	10.4	10.9	11.1	11.7	13.1
Percent of births to mothers—											
19 years and under.....	41.8	39.7	40.9	44.4	50.1	53.0	52.1	50.3	48.4	45.8	43.9
20-29 years.....	45.2	45.7	44.6	43.8	42.0	40.1	41.1	42.9	44.8	47.2	48.6
Birth rate ²	14.1	19.3	21.6	23.5	26.4	24.1	24.8	24.7	26.0	26.2	27.8
White ²	6.1	7.9	9.2	11.6	13.8	11.8	12.6	12.7	13.7	13.9	15.1
Black and other ²	71.2	37.2	98.3	97.6	89.9	81.5	80.4	78.1	79.4	78.7	80.9
Black ²	(NA)	(NA)	(NA)	(NA)	95.5	86.6	85.6	83.2	84.5	83.1	85.3
15-19 years.....	12.6	15.1	15.3	16.7	22.4	23.2	24.2	24.0	25.5	25.4	26.9
20-24 years.....	21.3	33.5	39.7	39.9	38.4	30.9	31.6	32.2	34.7	36.1	38.7
25-29 years.....	19.9	33.5	45.1	49.3	37.0	28.4	28.0	27.5	28.5	29.4	31.0
30-34 years.....	13.3	22.0	27.8	37.5	27.1	18.6	18.1	17.8	17.2	17.3	18.2

NA Not available. ¹ For total births, see table 83. ² Rate per 1,000 unmarried (never-married, widowed, and divorced) women aged 15-44 years enumerated as of April 1 for 1950, 1960, and 1970, and estimated as of July 1 for all other years.

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

No. 99. UNWANTED BIRTHS OF ALL MOTHERS, 15-44 YEARS OLD: 1973 AND 1976

[Data represent the birth experience to date of all mothers 15-44 years old who have been married or are single with children of their own in the household. From the 1973 and 1976 National Survey of Family Growth; based on a multi-stage area probability sample. Data are subject to sampling variability]

CHARACTERISTIC	1973				1976					
	Number of mothers (1,000)	Total live births ¹ (1,000)	Unwanted births ²		Number of mothers (1,000)	Total live births ¹ (1,000)	Unwanted births ²		All births per mother	Unwanted ² births per mother
			Number (1,000)	Per cent			Number (1,000)	Per cent		
Total mothers ³	25,803	68,184	8,910	13.1	* 27,055	* 67,849	8,125	12.0	2.51	.30
Race:										
White.....	22,182	57,551	6,068	10.5	22,837	56,238	5,350	9.5	2.46	.23
Black.....	3,359	9,984	2,783	27.9	3,726	10,525	2,716	25.8	2.82	.73
Education:										
Less than high school.....	2,622	9,123	1,501	16.5	2,187	7,274	1,264	17.4	3.33	.58
High school: 1-3 years.....	5,697	16,884	3,024	17.9	5,478	15,543	2,405	15.5	2.84	.44
4 years.....	12,161	29,917	3,307	11.1	12,651	30,405	3,391	11.2	2.40	.27
College: 1-3 years.....	3,182	7,585	734	9.7	3,763	8,391	776	9.3	2.23	.21
4 years or more.....	2,140	4,675	344	7.4	2,925	6,114	286	4.7	2.09	.10
Currently married mothers ³	21,816	57,524	6,418	11.2	* 22,253	* 55,900	5,516	9.9	2.51	.25
Race:										
White.....	19,764	51,391	5,055	9.8	19,921	49,453	4,299	8.7	2.48	.22
Black.....	1,822	5,561	1,331	23.9	1,927	5,533	1,177	21.3	2.87	.61
Education:										
Less than high school.....	1,948	6,846	838	12.2	1,663	5,584	832	14.9	3.36	.50
High school: 1-3 years.....	4,482	13,274	2,114	15.9	3,951	11,226	1,320	11.8	2.84	.33
4 years.....	10,646	26,494	2,586	9.8	10,741	26,120	2,547	9.8	2.43	.24
College: 1-3 years.....	2,816	6,722	602	9.0	3,244	7,381	597	8.1	2.28	.18
4 years or more.....	1,924	4,187	279	6.7	2,613	5,503	219	4.0	2.11	.08

¹ Multiple births counted only once. ² All births which mothers report as "not wanted" or "probably not wanted" at time of becoming pregnant. ³ Includes races not shown separately. ⁴ Includes education not reported.

Source: U.S. National Center for Health Statistics, *Wanted and Unwanted Births Reported by Mothers, 15-44 Years of Age: United States, 1973 and 1976; Advance Data From Vital and Health Statistics*, HRA 77-1250 and PHS 80-1250; and unpublished data.

**NO. 100. CONTRACEPTIVE USE BY CURRENTLY MARRIED WOMEN 15-44 YEARS OLD, BY AGE, RACE,
AND METHOD OF CONTRACEPTION: 1965 TO 1976**

[1965 and 1970 data from National Fertility Survey; 1973 and 1976 data, see table 99]

RACE AND METHOD OF CONTRACEPTION	TOTAL, 15-44 YEARS OLD				15-24 YR. OLD		25-34 YR. OLD		35-44 YR. OLD	
	1965	1970	1973	1976	1970	1976	1970	1976	1970	1976
WHITE WOMEN										
Currently married (1,000).....	22,382	23,220	24,249	24,795	5,595	5,412	9,578	10,993	8,047	8,390
Percent using contraception.....	64.9	65.7	70.5	168.7	63.8	169.8	69.0	171.7	63.5	164.4
Wife sterilized.....	4.1	4.9	8.2	19.6	.4	12.4	4.9	10.7	8.2	12.6
Husband sterilized.....	3.5	5.5	8.4	19.7	.8	11.1	5.4	19.3	8.9	15.9
Pill.....	15.6	22.4	25.1	22.6	37.6	43.9	23.7	23.4	10.2	7.9
Intra-uterine device.....	.7	4.8	6.6	6.3	5.3	6.3	6.6	7.5	2.3	4.8
Diaphragm.....	6.8	3.8	2.5	3.0	1.7	2.8	3.9	3.2	5.2	3.0
Condom.....	14.5	9.7	9.9	7.5	5.9	5.3	9.7	7.6	12.4	8.7
Foam.....	2.0	4.0	3.5	2.9	4.8	2.9	4.9	3.0	2.4	2.8
Rhythm.....	7.5	4.4	2.9	3.5	2.3	2.6	4.1	3.4	6.3	4.3
All other.....	10.2	6.2	3.4	3.6	5.0	2.5	5.8	3.6	7.6	4.4
BLACK WOMEN										
Currently married (1,000).....	2,091	2,031	2,081	2,169	506	509	787	912	738	749
Percent using contraception.....	57.2	59.2	60.0	158.5	60.5	158.8	67.3	162.7	49.4	153.4
Wife sterilized.....	8.3	11.4	13.6	10.9	1.0	13.7	11.2	19.2	18.7	17.9
Husband sterilized.....	.3	.6	1.0	1.7	-	1.3	.7	1.4	1.1	1.3
Pill.....	12.4	22.1	26.3	22.2	35.9	35.8	26.4	26.6	8.1	7.7
Intra-uterine device.....	1.7	4.5	7.6	6.2	6.2	6.0	5.6	7.2	2.1	5.1
Diaphragm.....	2.9	3.1	1.2	1.8	1.5	.2	3.6	1.7	3.5	2.9
Condom.....	9.7	4.0	3.2	4.6	4.1	3.3	3.6	5.6	4.2	4.3
Foam.....	3.5	3.6	3.0	3.8	4.1	2.0	4.3	2.5	4.5	4.5
Rhythm.....	1.4	1.0	.8	1.4	1.5	3.4	1.3	.4	1.1	1.4
All other.....	17.0	8.8	3.2	5.9	7.2	4.1	10.6	7.3	8.1	5.3

- Represents zero. ¹ Due to changes in wording of the question on contraceptive intent of sterilization operations in the 1976 survey, estimates should be considered conservative.

Source: 1965 and 1970, Westoff, C. F., "Trade in Contraceptive Practice: 1965-1973." In Alan Guttmacher Institute, *Family Planning Perspectives*, vol. 8, No. 2, 1976; 1973 and 1976, U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 23, No. 7, DHHS publication No. 81-1983.

NO. 101. LEGAL ABORTIONS, BY SELECTED CHARACTERISTICS: 1973 TO 1978

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

CHARACTERISTIC	NUMBER (1,000)					PERCENT DISTRIBUTION					ABORTION RATIO ¹	
	1973	1975	1976	1977	1978	1973	1975	1976	1977	1978	1973	1978
Total legal abortions.....	744.6	1,034.2	1,179.3	1,320.3	1,409.6	100.0	100.0	100.0	100.0	100.0	193	294
Age of woman:												
Less than 15 years old.....	11.6	15.3	15.8	15.7	15.1	1.6	1.5	1.3	1.2	1.1	476	580
15-19 years old.....	232.4	324.9	362.7	397.7	418.8	31.2	31.4	30.8	30.1	29.7	280	432
20-24 years old.....	240.6	331.6	392.3	450.9	489.4	32.3	32.1	33.3	34.2	34.7	181	297
25-29 years old.....	129.6	188.9	220.5	247.4	266.0	17.4	18.2	18.7	18.7	18.8	128	205
30-34 years old.....	72.6	100.2	110.1	124.7	134.3	9.7	9.7	9.3	9.4	9.5	165	218
35-39 years old.....	41.0	52.7	56.7	61.9	65.3	5.5	5.1	4.8	4.7	4.7	246	338
40 years old and over.....	16.8	20.5	21.3	22.1	20.7	2.3	2.0	1.8	1.7	1.5	334	461
Race of woman:												
White.....	548.8	701.2	784.9	891.2	969.4	73.7	67.8	66.6	67.5	68.8	178	263
Black and other.....	195.8	333.0	394.4	429.1	440.2	26.3	32.2	33.4	32.5	31.2	252	399
Marital status of woman:												
Married.....	216.2	271.9	290.0	300.5	350.6	29.0	26.3	24.6	22.8	24.9	74	110
Unmarried.....	528.4	762.3	889.3	1,019.8	1,059.0	71.0	73.7	75.4	77.2	75.1	564	657
Number of living children:												
None.....	375.2	499.3	562.6	663.1	798.1	50.4	48.3	47.7	50.2	56.6	242	357
1.....	137.4	206.8	244.4	269.1	271.3	18.5	20.0	20.7	20.4	19.2	108	200
2.....	102.2	156.8	181.5	194.5	198.0	13.7	15.2	15.4	14.7	14.1	190	280
3.....	61.7	86.8	97.7	100.0	83.3	8.3	8.4	8.3	7.6	5.9	228	300
4 or more.....	68.2	84.4	93.1	93.6	58.9	9.1	8.1	7.9	7.1	4.2	196	275
Number of prior induced abortions:												
None.....	(NA)	822.1	911.3	969.4	994.5	(NA)	79.5	77.3	73.4	70.5	(NA)	(NA)
1.....	(NA)	170.4	213.2	268.6	315.5	(NA)	16.5	18.1	20.3	22.4	(NA)	(NA)
2 or 3.....	(NA)	41.7	54.7	82.4	99.6	(NA)	4.0	4.6	6.3	7.1	(NA)	(NA)
Weeks of gestation:												
Less than 9 weeks.....	284.3	480.6	559.9	659.7	707.8	38.2	46.5	47.4	50.0	50.2	(NA)	(NA)
9-10 weeks.....	221.6	290.4	333.8	362.2	388.4	29.7	28.1	28.3	27.4	27.6	(NA)	(NA)
11-12 weeks.....	130.6	151.1	171.3	180.0	187.7	17.5	14.6	14.5	13.6	13.3	(NA)	(NA)
13 weeks or more.....	108.2	112.1	114.4	118.5	125.7	14.6	10.8	9.8	9.0	8.9	(NA)	(NA)

NA Not available. ¹ Number of abortions per 1,000 abortions and live births.

Source: Henshaw, S., J. D. Forrest, E. Sullivan, and C. Tietze, "Abortion in the United States, 1978-1979." In Alan Guttmacher Institute, New York, N.Y., *Family Planning Perspectives*, vol. 13, No. 1, 1981 and earlier issues.

NO. 102. LEGAL ABORTIONS—ESTIMATED NUMBER, RATE, AND RATIO BY RACE: 1972 TO 1978

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

YEAR	WHITE				BLACK AND OTHER			
	Women, 15-44 yr. old	Number of abortions (1,000)	Abortion rate per 1,000 women	Abortion ratio per 1,000 live births	Women, 15-44 yr. old	Number of abortions (1,000)	Abortion rate per 1,000 women	Abortion ratio per 1,000 live births
1972	38,381	455.3	11.9	175	6,014	131.5	21.9	223
1973	39,090	548.8	14.0	217	6,212	198.5	31.5	337
1974	39,803	626.6	15.7	242	6,417	272.0	42.4	461
1975	40,485	701.2	17.3	276	6,633	333.0	50.2	566
1976	41,254	784.9	19.0	296	6,855	394.4	57.5	630
1977	42,022	891.2	21.2	334	7,071	429.1	60.7	681
1978	42,741	969.4	22.7	356	7,288	440.2	60.4	665

Source: Henshaw, S., J. D. Forrest, E. Sullivan and C. Tietze, "Abortion in the United States, 1978-1979," in Alan Guttmacher Institute, New York, N.Y., *Family Planning Perspectives*, vol. 13, No. 1, 1981 and earlier issues.

NO. 103. WOMEN OBTAINING REPORTED LEGAL ABORTIONS, 1975 TO 1978, AND CHARACTERISTICS, 1978—SELECTED STATES

[By State of occurrence. Based on available data from central health agencies with statewide reporting systems; therefore, figures may differ from those shown in table 104 which are based on surveys of hospitals and physicians]

STATE	NUMBER OF ABORTIONS (1,000)			RATIO: ABORTIONS TO 1,000 LIVE BIRTHS		PERCENT DISTRIBUTION, ¹ 1978									
						Race		Marital status		Weeks of gestation		Number of previous live births ²			
	1975	1977	1978	1975	1978	White	Black and other	Married	Unmarried	12 or less	13 or more	None	1	2	3 or more
Alaska	1.2	1.1	.7	169	75	68.6	31.1	30.9	67.7	81.5	8.1	59.9	19.0	12.1	8.8
Ariz	(NA)	6.1	6.8	(NA)	158	81.8	13.7	23.0	71.3	90.2	7.2	63.2	17.1	11.6	8.0
Ark	1.9	2.7	5.0	57	144	76.9	22.0	26.5	72.2	92.7	7.1	(NA)	(NA)	(NA)	(NA)
Calif	142.1	164.7	172.0	448	483	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Colo	9.7	12.9	15.4	241	349	71.2	7.6	24.9	70.7	78.6	17.6	55.6	15.4	10.7	5.6
Conn	10.8	15.0	13.8	301	370	(NA)	(NA)	(NA)	95.0	2.4	(NA)	(NA)	(NA)	(NA)	(NA)
D.C.	22.7	29.5	29.8	(*)	(*)	35.9	62.3	26.8	69.9	91.9	5.2	(NA)	(NA)	(NA)	(NA)
Ga	23.7	29.9	34.7	297	412	64.6	34.5	25.8	72.6	88.3	11.7	58.2	19.9	13.5	8.3
Hawaii	4.5	5.2	6.0	290	359	33.7	55.3	30.8	67.2	90.5	9.4	68.5	13.5	10.8	7.1
Idaho	(NA)	1.1	2.1	(NA)	109	96.2	2.9	(NA)	(NA)	94.0	2.9	59.8	18.3	11.8	7.4
Ill	58.7	71.3	69.8	347	400	58.7	38.9	26.7	71.2	93.3	6.1	51.6	19.4	15.0	14.0
Ind	7.9	9.5	12.0	95	144	80.4	18.2	23.8	74.6	97.2	.8	51.7	18.7	13.9	9.2
Kans	9.2	7.4	9.2	272	251	66.5	11.4	24.7	75.0	82.2	17.4	63.4	16.2	11.9	7.9
La	4.2	8.6	11.2	62	150	48.0	44.2	28.2	63.1	95.4	4.1	(NA)	(NA)	(NA)	(NA)
Md	18.9	22.2	24.7	358	446	60.5	38.1	25.8	73.3	92.2	7.8	60.4	20.8	12.1	6.4
Mass	(NA)	34.4	40.2	(NA)	586	(NA)	(NA)	(NA)	(NA)	93.4	6.6	(NA)	(NA)	(NA)	(NA)
Minn	10.6	15.5	17.3	187	278	84.5	3.8	17.2	79.3	84.3	15.7	73.4	13.2	8.2	5.3
Miss	.3	2.4	3.3	7	74	60.9	38.7	26.1	73.7	91.2	5.3	57.6	19.1	12.9	10.3
Mo	10.2	13.5	15.5	150	213	68.8	30.9	25.0	74.6	90.0	8.4	55.1	19.9	14.3	10.6
Mont	1.5	2.5	3.0	130	225	74.2	5.1	19.3	80.4	87.7	5.1	69.3	14.1	10.5	5.6
Nebr	3.4	4.5	4.8	144	193	92.4	7.4	19.6	80.4	86.6	13.1	70.7	11.8	9.3	8.1
Nev	1.8	4.3	4.7	204	431	88.4	11.2	25.7	73.5	97.9	1.5	61.1	18.6	12.4	7.5
N.H.	1.4	1.7	2.3	126	185	80.8	.6	20.0	76.3	88.3	6.4	29.7	12.7	6.7	5.1
N.J.	(NA)	30.7	28.4	(NA)	304	60.7	37.0	(NA)	(NA)	92.4	6.5	(NA)	(NA)	(NA)	(NA)
N. Mex.	(NA)	4.6	4.8	(NA)	199	87.3	12.7	23.6	76.2	85.3	12.1	55.4	18.6	11.0	8.7
N.Y.	147.2	147.6	153.7	624	657	61.3	38.0	27.9	71.4	87.3	12.4	47.7	19.5	15.6	11.8
City	106.3	102.5	105.8	(*)	(*)	51.7	48.3	29.3	69.6	87.5	12.3	47.3	22.4	17.3	12.9
Upstate	40.9	45.2	47.9	313	365	82.6	15.2	24.7	75.3	87.0	12.5	48.6	13.0	11.7	9.2
N.C.	20.0	25.0	27.3	247	331	62.6	34.6	31.2	65.0	83.1	11.1	54.3	19.0	13.6	8.1
Ohio	(NA)	47.7	41.4	(NA)	258	63.7	21.8	23.1	73.3	68.5	3.5	59.8	19.0	13.0	8.2
Oreg	10.6	13.2	13.6	319	349	92.3	4.7	26.0	73.2	89.4	10.4	63.0	17.3	10.7	5.8
Pa.	43.3	57.9	60.6	291	398	(NA)	(NA)	(NA)	(NA)	93.0	6.8	(NA)	(NA)	(NA)	(NA)
R.I.	3.3	4.1	4.5	303	390	80.2	7.9	26.4	71.2	95.1	4.8	60.2	17.8	12.5	8.3
S.C.	4.5	8.8	10.0	97	201	60.1	39.8	27.0	73.0	94.0	6.0	57.5	19.5	13.2	9.8
S. Dak	1.5	1.4	1.4	131	114	83.8	14.7	22.1	76.2	76.5	23.3	57.5	14.1	11.2	9.3
Tenn	11.1	16.5	18.9	178	284	78.0	21.5	27.2	71.9	94.7	5.0	59.0	19.4	13.4	7.6
Utah	2.1	3.0	3.1	68	81	90.7	5.4	20.1	79.2	91.0	7.8	58.0	18.1	13.1	9.9
Vt.	2.1	1.9	2.6	313	363	97.5	1.2	21.7	77.9	96.0	3.9	74.7	10.2	8.8	6.0
Va.	18.0	26.8	30.4	257	414	69.0	31.0	22.6	77.4	92.3	6.8	(NA)	(NA)	(NA)	(NA)
Wash	21.0	26.9	29.8	412	508	(NA)	(NA)	23.8	75.2	94.2	5.5	(NA)	(NA)	(NA)	(NA)
Wyo	(NA)	.5	.7	(NA)	83	(NA)	(NA)	(NA)	(NA)	94.3	4.3	64.8	15.5	11.7	7.0

NA Not available. ¹"Unknown" categories not shown separately. ²For Idaho, Montana, Rhode Island, and South Dakota, data represent number of living children. ³More than 1,000.

Source: U.S. Centers for Disease Control, Atlanta, Ga., *Abortion Surveillance Report—Legal Abortions*, annual.

**NO. 104. LEGAL ABORTIONS—NUMBER, RATE PER 1,000 WOMEN 15-44 YEARS OLD, AND ABORTION/
LIVE BIRTHS RATIO, BY STATE OF OCCURRENCE: 1973 TO 1978**

[Numbers of legal abortions are from two surveys of hospitals, clinics, and physicians identified as providers of abortion services, conducted by the Alan Guttmacher Institute. Abortion rates are computed per 1,000 women 15-44 years of age on July 1 of specified year; abortion ratios are computed as the number of abortions per 1,000 live births from July 1, 1973, to June 30, 1974, from July 1, 1975, to June 30, 1976, from July 1, 1977, to June 30, 1978, and from July 1, 1978 to June 30, 1979, respectively, by State of occurrence]

STATE	NUMBER OF ABORTIONS (1,000)				RATE PER 1,000 WOMEN				RATIO: ABORTIONS PER 1,000 LIVE BIRTHS			
	1973	1975	1977	1978	1973	1975	1977	1978	1973	1975	1977	1978
United States.....	744.6	1,034.2	1,320.3	1,409.6	16.5	22.1	26.9	28.2	239	331	400	417
New England.....	23.1	54.1	69.6	77.4	9.0	20.1	25.3	27.8	152	372	460	497
Maine.....	.7	2.0	3.3	5.2	3.5	9.5	13.9	20.9	47	136	218	335
New Hampshire.....	.6	1.8	3.5	4.0	3.5	10.8	18.8	20.9	52	178	273	311
Vermont.....	1.5	2.2	2.4	3.3	15.4	22.1	22.5	30.2	233	350	363	464
Massachusetts.....	12.4	33.3	39.3	42.6	10.0	25.7	29.7	31.7	173	488	568	596
Rhode Island.....	1.1	3.3	4.2	4.6	5.8	16.0	21.2	22.9	96	298	357	379
Connecticut.....	6.8	11.4	16.8	17.8	10.0	16.1	24.2	25.4	188	328	474	484
Middle Atlantic.....	252.9	250.6	293.3	300.2	31.3	29.7	35.6	36.3	536	532	617	630
New York.....	212.7	170.7	186.0	187.1	52.9	40.7	46.0	46.1	904	727	803	813
New Jersey.....	10.2	32.4	45.3	48.0	6.4	19.4	27.8	29.1	113	369	500	531
Pennsylvania.....	29.9	47.4	62.0	65.2	12.1	18.5	24.3	25.3	200	320	405	417
East North Central.....	97.4	166.6	212.4	216.8	10.9	17.8	22.9	23.2	161	280	345	340
Ohio.....	17.3	44.6	60.3	57.1	7.3	17.9	25.0	23.5	109	290	384	345
Indiana.....	1.8	7.7	10.4	15.3	1.5	6.3	8.7	12.8	21	94	126	179
Illinois.....	32.8	60.3	71.9	70.3	13.4	23.6	28.5	27.6	199	363	420	399
Michigan.....	37.5	42.7	53.6	56.6	18.7	20.3	25.4	26.5	272	330	392	407
Wisconsin.....	8.2	11.3	16.2	17.5	8.6	11.4	15.8	16.9	129	176	236	248
West North Central.....	29.6	51.4	62.5	63.8	8.6	14.3	16.9	17.0	127	208	234	235
Minnesota.....	7.3	12.8	17.2	17.6	8.8	14.7	19.4	19.5	137	229	281	277
Iowa.....	2.3	6.2	7.0	7.5	4.0	10.4	11.4	12.1	59	150	156	165
Missouri.....	3.4	11.0	14.9	15.6	3.4	10.5	14.1	14.5	49	156	194	203
North Dakota.....	-	.9	1.9	2.2	-	7.1	12.9	14.7	-	80	157	180
South Dakota.....	1.6	1.6	1.4	1.4	12.5	11.5	9.5	9.2	153	138	119	115
Nebraska.....	2.3	4.6	5.4	6.6	7.3	14.3	15.5	18.8	99	193	215	260
Kansas.....	12.6	14.3	14.7	12.9	26.9	29.5	29.4	25.4	413	440	420	359
South Atlantic.....	114.4	172.4	212.7	236.0	16.5	23.8	26.5	28.6	233	362	420	461
Delaware.....	2.1	2.4	3.0	3.5	16.0	17.4	21.5	24.2	255	280	346	389
Maryland.....	11.1	21.8	23.7	25.8	11.9	22.2	23.7	25.1	241	485	496	524
District of Columbia.....	44.6	31.4	31.6	30.9	233.6	158.0	176.1	173.4	2,355	1,619	1,456	1,861
Virginia.....	8.4	20.3	28.2	30.4	7.8	18.0	23.0	24.2	124	303	400	420
West Virginia.....	(2)	.1	2.2	2.6	.1	3	5.7	7.1	2	4	72	93
North Carolina.....	12.3	20.0	25.1	30.1	10.7	16.7	19.2	22.6	146	252	300	362
South Carolina.....	2.2	6.2	8.9	13.1	3.8	10.3	13.0	18.6	47	137	188	264
Georgia.....	11.0	23.8	32.5	36.1	10.3	21.4	26.9	29.2	129	294	384	426
Florida.....	22.9	46.5	57.5	63.5	15.8	30.5	30.7	32.2	214	449	520	540
East South Central.....	12.7	32.5	56.5	54.6	4.6	11.2	18.0	17.1	49	146	241	230
Kentucky.....	2.6	8.5	11.5	12.5	3.8	12.0	14.7	15.6	48	148	193	210
Tennessee.....	5.3	17.6	30.5	23.0	6.1	19.2	31.2	23.1	79	269	445	320
Alabama.....	4.6	6.0	11.8	15.1	6.2	7.7	13.9	17.6	78	105	197	247
Mississippi.....	.1	.3	2.8	4.0	.2	.6	5.2	7.4	3	7	59	89
West South Central.....	19.1	65.9	99.0	112.9	4.4	14.6	20.1	22.3	53	179	256	277
Arkansas.....	1.1	2.6	3.6	5.2	2.9	6.3	7.5	10.4	35	78	108	147
Louisiana.....	-	5.3	14.6	13.3	-	6.2	16.4	14.7	-	78	196	171
Oklahoma.....	.6	6.8	10.0	11.2	1.1	11.8	16.3	17.9	15	163	230	244
Texas.....	17.3	51.2	70.9	83.3	6.8	19.1	24.0	27.4	79	226	301	335
Mountain.....	17.1	33.6	47.2	54.6	9.0	16.9	19.6	21.7	103	188	239	263
Montana.....	.5	1.5	2.3	3.1	3.1	9.9	13.4	17.2	39	124	177	235
Idaho.....	.4	1.1	1.7	1.9	2.5	7.0	8.0	9.0	26	67	93	92
Wyoming.....	.2	.5	1.0	1.1	2.6	7.3	9.6	10.8	39	79	119	123
Colorado.....	7.6	13.6	18.7	19.8	14.4	24.6	28.3	28.5	195	338	428	424
New Mexico.....	4.7	5.1	6.4	6.3	20.6	21.7	22.2	20.9	227	249	282	266
Arizona.....	2.8	6.7	9.7	13.4	6.9	15.8	17.5	22.9	78	170	226	313
Utah.....	.1	2.0	3.1	3.2	6.4	7.8	10.6	10.5	4	60	79	75
Nevada.....	1.0	3.0	4.4	6.1	7.9	23.2	28.8	38.1	108	322	429	536
Pacific.....	178.5	207.3	267.1	293.2	29.0	32.0	40.0	43.0	440	490	576	616
Washington.....	17.3	20.9	31.4	34.5	22.5	25.8	38.9	42.1	373	435	550	613
Oregon.....	11.4	13.3	15.1	14.5	24.5	27.0	28.8	26.8	356	381	388	347
California.....	143.9	165.6	209.9	234.5	30.8	33.6	41.7	45.7	485	523	612	668
Alaska.....	1.2	1.6	2.6	2.6	15.7	21.7	25.0	23.0	174	202	324	284
Hawaii.....	4.7	5.9	8.0	7.1	26.3	31.6	38.0	33.0	303	363	480	411

- Represents zero. Z Fewer than 50 legal abortions reported by providers.

Source: 1973 and 1975, derived from Sullivan, E., C. Tietze, and J. Dryfoos, "Legal Abortion in the United States, 1975-1976," 1977, Forrest, J. D., E. Sullivan, and C. Tietze, "Abortions in the United States, 1977-1978," In Alan Guttmacher Institute, New York, N.Y., *Family Planning Perspectives*, vol. 11, No. 6, 1978 and earlier issues. 1978, Alan Guttmacher Institute, New York, N.Y., unpublished data.

No. 105. EXPECTATION OF LIFE AT BIRTH: 1920 TO 1979

[In years. Prior to 1960, excludes Alaska and Hawaii. Data prior to 1940 for death-registration States only; see text, p. 55. Beginning 1970, excludes deaths of nonresidents of the United States. See also *Historical Statistics, Colonial Times to 1970*, series B 107-115]

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1920.....	54.1	53.6	54.6	54.9	54.4	55.6	45.3	45.5	45.2
1930.....	59.7	58.1	61.6	61.4	59.7	63.5	48.1	47.3	49.2
1940.....	62.9	60.8	65.2	64.2	62.1	66.6	53.1	51.5	54.9
1950.....	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9
1955.....	69.6	66.7	72.8	70.5	67.4	73.7	63.7	61.4	66.1
1960.....	69.7	66.6	73.1	70.6	67.4	74.1	63.6	61.1	66.3
1965.....	70.2	66.8	73.7	71.0	67.6	74.7	64.1	61.1	67.4
1970.....	70.9	67.1	74.8	71.7	68.0	75.6	65.3	61.3	69.4
1971.....	71.1	67.4	75.0	72.0	68.3	75.8	65.6	61.6	69.7
1972.....	71.1	67.4	75.1	72.0	68.3	75.9	65.6	61.5	69.9
1973.....	71.3	67.6	75.3	72.2	68.4	76.1	65.9	61.9	70.1
1974.....	71.9	68.1	75.8	72.7	68.9	76.6	67.0	62.9	71.3
1975.....	72.5	68.7	76.5	73.2	69.4	77.2	67.9	63.6	72.3
1976.....	72.8	69.0	76.7	73.5	69.7	77.3	68.3	64.1	72.6
1977.....	73.2	69.3	77.1	73.8	70.0	77.7	68.8	64.6	73.1
1978.....	73.3	69.5	77.2	74.0	70.2	77.8	69.2	65.0	73.6
1979, prel.....	73.8	69.9	77.8	74.4	70.6	78.3	69.9	65.5	74.5

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

No. 106. SELECTED LIFE TABLE VALUES: 1939 TO 1979

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

AGE AND SEX	WHITE						BLACK AND OTHER					
	1939-1941	1949-1951	1959-1961	1969-1971	1975	1979, prel.	1939-1941	1949-1951	1959-1961	1969-1971	1975	1979, prel.
AVERAGE EXPECTATION OF LIFE IN YEARS												
At birth: Male.....	62.8	66.3	67.6	67.9	69.4	70.6	52.3	58.9	61.5	61.0	63.6	65.5
Female.....	67.3	72.0	74.2	75.5	77.2	78.3	55.5	62.7	66.5	69.1	72.3	74.5
Age 20: Male.....	47.8	49.5	50.3	50.2	51.4	52.3	39.7	43.7	45.8	44.4	46.3	47.8
Female.....	51.4	54.6	56.3	57.2	58.6	59.6	42.1	46.8	50.1	51.9	54.7	56.4
Age 40: Male.....	30.0	31.2	31.7	31.9	33.0	34.0	25.2	27.3	28.7	28.3	29.8	31.0
Female.....	33.3	35.6	37.1	38.1	39.4	40.3	27.3	29.8	32.2	33.9	36.2	37.7
Age 50: Male.....	22.0	22.8	23.2	23.3	24.3	25.2	19.2	20.3	21.3	21.2	22.4	23.3
Female.....	24.7	26.8	28.1	29.1	30.3	31.1	21.0	22.7	24.3	26.0	27.9	29.2
Age 65: Male.....	12.1	12.8	13.0	13.0	13.7	14.3	12.2	12.8	12.8	12.9	13.7	14.6
Female.....	13.6	15.0	15.9	16.9	18.1	18.7	14.0	14.5	15.1	16.0	17.5	18.5
ANNUAL DEATHS EXPECTED PER 1,000 ALIVE AT SPECIFIED AGE												
At birth: Male.....	48.1	30.7	25.9	20.1	15.9	(NA)	83.0	50.9	47.0	34.1	26.3	(NA)
Female.....	37.9	23.6	19.6	15.3	12.3	(NA)	66.8	40.9	38.3	27.7	22.2	(NA)
Age 20: Male.....	2.1	1.6	1.6	1.9	1.8	(NA)	(NA)	3.1	2.4	3.6	2.8	(NA)
Female.....	1.5	.7	.6	.6	.6	(NA)	(NA)	2.3	1.2	1.2	.9	(NA)
Age 40: Male.....	5.1	3.9	3.3	3.4	2.9	(NA)	13.6	8.8	7.5	9.0	7.4	(NA)
Female.....	3.7	2.4	1.9	1.9	1.7	(NA)	11.8	7.7	5.6	5.1	3.7	(NA)
Age 50: Male.....	11.6	10.1	9.6	8.9	8.0	(NA)	25.4	19.1	15.7	16.8	14.5	(NA)
Female.....	7.6	5.6	4.7	4.7	4.2	(NA)	21.9	16.0	11.7	10.1	7.9	(NA)
Age 65: Male.....	36.9	34.5	33.9	33.9	30.3	(NA)	(NA)	45.8	43.7	41.7	35.5	(NA)
Female.....	26.4	20.6	17.4	15.6	13.9	(NA)	(NA)	37.0	30.7	27.4	19.8	(NA)
NUMBER SURVIVING TO SPECIFIED AGE PER 1,000 BORN LIVE												
Age 20: Male.....	923	951	959	964	970	973	868	919	931	943	956	962
Female.....	940	965	971	976	980	983	885	935	947	959	968	973
Age 40: Male.....	869	912	924	925	934	937	728	828	857	844	870	886
Female.....	898	941	953	957	964	969	759	861	897	912	933	946
Age 50: Male.....	805	856	874	877	890	898	608	729	772	747	787	812
Female.....	853	907	925	929	939	947	649	770	830	850	883	906
Age 65: Male.....	583	635	658	652	694	716	359	452	514	496	543	572
Female.....	687	768	807	809	832	846	407	524	608	661	715	749

NA Not available.

Source: U.S. National Center for Health Statistics, *U.S. Life Tables and Actuarial Tables, 1939-41; 1949-51; 1959-61*; and *Vital Statistics of the United States*, annual; and unpublished data.

No. 107. EXPECTATION OF LIFE AND EXPECTED DEATHS, BY RACE, AGE, AND SEX: 1978

AGE IN 1978 (years)	EXPECTATION OF LIFE IN YEARS					EXPECTED DEATHS PER 1,000 ALIVE AT SPECIFIED AGE				
	Total	White		Black and other		Total	White		Black and other	
		Male	Female	Male	Female		Male	Female	Male	Female
At birth.....	73.3	70.2	77.8	65.0	73.6	13.79	13.37	10.58	23.25	18.99
1.....	73.3	70.1	77.6	65.5	74.0	.94	1.01	.71	1.35	1.16
2.....	72.4	69.2	76.7	64.6	73.1	.73	.75	.56	1.13	.95
3.....	71.5	68.3	75.7	63.7	72.1	.58	.59	.46	.94	.77
4.....	70.5	67.3	74.8	62.8	71.2	.48	.49	.38	.79	.62
5.....	69.5	66.3	73.8	61.8	70.2	.42	.43	.33	.67	.49
6.....	68.6	65.4	72.8	60.8	69.3	.37	.40	.29	.57	.39
7.....	67.6	64.4	71.8	59.9	68.3	.33	.37	.26	.50	.32
8.....	66.6	63.4	70.8	58.9	67.3	.30	.33	.23	.44	.27
9.....	65.6	62.4	69.9	57.9	66.3	.26	.28	.21	.41	.25
10.....	64.6	61.5	68.9	57.0	65.4	.23	.24	.19	.40	.24
11.....	63.7	60.5	67.9	56.0	64.4	.24	.24	.18	.43	.25
12.....	62.7	59.5	66.9	55.0	63.4	.29	.33	.21	.49	.27
13.....	61.7	58.5	65.9	54.0	62.4	.40	.51	.26	.60	.31
14.....	60.7	57.5	64.9	53.1	61.4	.56	.77	.34	.75	.36
15.....	59.7	56.6	64.0	52.1	60.4	.74	1.06	.44	.92	.42
16.....	58.8	55.6	63.0	51.1	59.5	.91	1.33	.52	1.10	.48
17.....	57.8	54.7	62.0	50.2	58.5	1.05	1.55	.58	1.33	.56
18.....	56.9	53.8	61.1	49.3	57.5	1.15	1.69	.61	1.61	.64
19.....	56.0	52.9	60.1	48.3	56.6	1.22	1.78	.61	1.93	.72
20.....	55.0	52.0	59.1	47.4	55.6	1.28	1.85	.61	2.26	.82
21.....	54.1	51.1	58.2	46.5	54.7	1.34	1.93	.61	2.59	.91
22.....	53.2	50.2	57.2	45.7	53.7	1.38	1.96	.61	2.86	.99
23.....	52.2	49.3	56.2	44.8	52.8	1.38	1.93	.61	3.07	1.06
24.....	51.3	48.4	55.3	43.9	51.8	1.37	1.87	.62	3.21	1.12
25.....	50.4	47.5	54.3	43.1	50.9	1.34	1.79	.62	3.35	1.18
26.....	49.5	46.5	53.3	42.2	49.9	1.32	1.72	.62	3.49	1.24
27.....	48.5	45.6	52.4	41.4	49.0	1.31	1.66	.62	3.60	1.30
28.....	47.6	44.7	51.4	40.5	48.1	1.30	1.62	.64	3.67	1.34
29.....	46.6	43.8	50.4	39.7	47.1	1.31	1.61	.66	3.72	1.38
30.....	45.7	42.8	49.5	38.8	46.2	1.32	1.60	.69	3.76	1.42
31.....	44.8	41.9	48.5	37.9	45.2	1.34	1.60	.72	3.82	1.46
32.....	43.8	41.0	47.5	37.1	44.3	1.38	1.63	.76	3.95	1.56
33.....	42.9	40.0	46.6	36.2	43.4	1.44	1.68	.80	4.16	1.69
34.....	41.9	39.1	45.6	35.4	42.5	1.52	1.76	.85	4.44	1.85
35.....	41.0	38.2	44.6	34.5	41.5	1.61	1.86	.90	4.74	2.03
36.....	40.1	37.2	43.7	33.7	40.6	1.73	1.99	.98	5.06	2.22
37.....	39.1	36.3	42.7	32.9	39.7	1.87	2.13	1.07	5.43	2.43
38.....	38.2	35.4	41.8	32.0	38.8	2.03	2.29	1.19	5.85	2.66
39.....	37.3	34.5	40.8	31.2	37.9	2.22	2.47	1.33	6.33	2.91
40.....	36.4	33.6	39.9	30.4	37.0	2.43	2.68	1.49	6.87	3.19
41.....	35.5	32.6	38.9	29.6	36.1	2.66	2.93	1.66	7.43	3.49
42.....	34.6	31.7	38.0	28.9	35.3	2.93	3.22	1.85	7.92	3.80
43.....	33.7	30.8	37.1	28.1	34.4	3.21	3.58	2.06	8.29	4.12
44.....	32.8	29.9	36.1	27.3	33.5	3.53	3.99	2.28	8.60	4.45
45.....	31.9	29.1	35.2	26.5	32.7	3.87	4.44	2.52	8.88	4.79
46.....	31.0	28.2	34.3	25.8	31.8	4.25	4.93	2.78	9.26	5.18
47.....	30.1	27.3	33.4	25.0	31.0	4.67	5.48	3.06	9.89	5.63
48.....	29.3	26.5	32.5	24.3	30.2	5.13	6.08	3.34	10.85	6.16
49.....	28.4	25.6	31.6	23.5	29.3	5.64	6.73	3.65	12.07	6.75
50.....	27.6	24.8	30.7	22.8	28.5	6.20	7.46	3.98	13.45	7.40
51.....	26.7	24.0	29.8	22.1	27.8	6.80	8.25	4.35	14.83	8.07
52.....	25.9	23.2	29.0	21.4	27.0	7.42	9.05	4.73	16.15	8.76
53.....	25.1	22.4	28.1	20.8	26.2	8.03	9.85	5.11	17.33	9.45
54.....	24.3	21.6	27.3	20.1	25.5	8.68	10.68	5.52	18.41	10.15
55.....	23.5	20.8	26.4	19.5	24.7	9.29	11.53	5.94	19.43	10.82
56.....	22.7	20.1	25.6	18.9	24.0	10.01	12.49	6.42	20.57	11.56
57.....	22.0	19.3	24.7	18.3	23.3	10.92	13.70	7.01	22.05	12.47
58.....	21.2	18.6	23.9	17.7	22.5	12.06	15.25	7.75	24.04	13.62
59.....	20.5	17.9	23.1	17.1	21.8	13.40	17.06	8.61	26.39	14.95
60.....	19.7	17.2	22.3	16.5	21.2	14.91	19.07	9.58	29.14	16.54
61.....	19.0	16.5	21.5	16.0	20.5	16.43	21.13	10.57	31.84	18.11
62.....	18.3	15.8	20.7	15.5	19.9	17.85	23.15	11.50	33.91	19.20
63.....	17.6	15.2	19.9	15.1	19.3	19.05	25.04	12.31	34.94	19.56
64.....	17.0	14.6	19.2	14.6	18.6	20.13	26.88	13.05	35.17	19.45
65.....	16.3	14.0	18.4	14.1	18.0	21.21	28.75	13.84	34.89	19.05
70.....	13.1	11.1	14.8	11.6	14.8	31.10	42.64	20.92	48.43	30.33
75.....	10.4	8.6	11.5	9.8	12.5	49.21	65.28	36.03	73.92	55.04
80.....	8.1	6.7	8.8	6.8	11.5	75.09	98.30	60.22	98.60	74.33
85 and over.....	6.4	5.3	6.7	7.8	9.9	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00

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

NO. 108. DEATHS AND DEATH RATES, BY SEX AND RACE: 1950 TO 1979

[Rates are per 1,000 population for specified groups. 1950 excludes Alaska and Hawaii. Beginning 1970, excludes deaths of nonresidents of the U.S. Excludes fetal deaths. See Appendix III. Rates based on enumerated population as of Apr. 1 for 1950, 1960, and 1970, and July 1 estimates for other years. See text, p. 55. See also *Historical Statistics, Colonial Times to 1970*, series B 167-173 and B 181-192]

RACE AND SEX	1950	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979, prel.
Deaths (1,000)	1,452	1,712	1,828	1,921	1,973	1,934	1,893	1,909	1,900	1,928	1,906
Male (1,000).....	828	976	1,035	1,078	1,097	1,072	1,051	1,052	1,046	1,055	1,043
Female (1,000).....	625	736	793	843	876	863	842	857	853	872	863
White (1,000)	1,276	1,505	1,605	1,682	1,728	1,697	1,660	1,675	1,664	1,690	1,670
Male (1,000).....	731	861	911	942	958	937	918	919	913	920	908
Female (1,000).....	545	644	695	740	770	761	743	756	751	770	762
Black and other (1,000)	176	207	223	239	245	237	233	234	235	238	236
Male (1,000).....	96	115	125	136	139	135	133	133	134	135	135
Female (1,000).....	80	92	98	103	106	102	99	101	102	103	101
Black (1,000)	170	196	211	226	230	223	218	219	220	221	(NA)
Male (1,000).....	92	108	117	128	130	126	124	124	124	125	(NA)
Female (1,000).....	78	88	94	98	100	97	94	95	96	97	(NA)
Death rates	9.6	9.5	9.4	9.5	9.4	9.2	8.9	8.9	8.8	8.8	8.7
Male.....	11.1	11.0	10.9	10.9	10.7	10.4	10.1	10.0	9.9	9.9	9.7
Female.....	8.2	8.1	8.0	8.1	8.1	8.0	7.7	7.8	7.7	7.8	7.6
White	9.5	9.5	9.4	9.5	9.4	9.2	9.0	9.0	8.9	9.0	8.8
Male.....	10.9	11.0	10.9	10.9	10.7	10.4	10.2	10.1	10.0	10.0	9.8
Female.....	8.0	8.0	8.0	8.1	8.2	8.1	7.8	7.9	7.8	8.0	7.8
Black and other	11.2	10.1	9.7	9.4	9.1	8.7	8.3	8.2	8.1	8.1	7.8
Male.....	12.5	11.5	11.2	11.2	10.8	10.4	10.0	9.8	9.7	9.6	9.4
Female.....	9.9	8.7	8.2	7.8	7.6	7.2	6.8	6.8	6.7	6.6	6.4
Black	11.3	10.4	10.1	10.0	9.7	9.2	8.9	8.9	8.8	8.7	(NA)
Male.....	12.6	11.8	11.6	11.9	11.4	11.0	10.6	10.5	10.4	10.3	(NA)
Female.....	10.0	9.1	8.6	8.3	8.1	7.7	7.4	7.4	7.3	7.2	(NA)

NA Not available.

NO. 109. DEATH RATES, BY AGE, SEX AND RACE: 1950 TO 1979

[Number of deaths per 100,000 population in specified group. See headnote, table 108]

SEX, YEAR, AND RACE	All ages ¹	Under 1 yr. old	1-4 yr. old	5-14 yr. old	15-24 yr. old	25-34 yr. old	35-44 yr. old	45-54 yr. old	55-64 yr. old	65-74 yr. old	75-84 yr. old	85 and over
MALE												
1950.....	1,106	3,728	152	71	168	217	429	1,067	2,395	4,931	10,426	21,636
1960.....	1,105	3,059	120	56	152	188	373	992	2,310	4,914	10,178	21,186
1965.....	1,092	2,787	104	51	157	198	385	978	2,297	4,887	10,123	22,081
1970.....	1,090	2,410	93	51	189	215	403	959	2,283	4,874	10,010	17,822
1975.....	1,013	1,829	78	44	177	203	347	856	2,035	4,415	9,519	17,573
1978.....	994	1,592	78	41	174	193	314	797	1,906	4,185	9,385	17,259
1979 ²	975	1,552	68	44	180	205	303	767	1,856	4,018	9,127	16,078
White: 1970	1,087	2,113	84	48	171	177	344	863	2,203	4,610	10,099	18,552
1978.....	1,000	1,360	72	39	169	167	268	734	1,819	4,136	9,421	18,100
1979 ²	980	1,330	61	44	176	174	260	706	1,769	3,975	9,128	16,966
Black and other: 1970	1,116	4,020	145	65	305	504	874	1,646	3,047	5,474	8,981	11,405
1978.....	980	2,709	108	52	202	377	659	1,305	2,730	4,633	8,992	10,678
1979 ²	941	2,623	100	48	202	419	634	1,245	2,672	4,401	9,125	9,265
Black: 1970	1,187	4,299	150	67	321	560	957	1,778	3,257	5,803	9,455	12,222
1978.....	1,029	2,958	113	54	205	414	712	1,428	2,920	4,873	10,262	11,377
FEMALE												
1950.....	824	2,855	127	49	89	143	290	642	1,405	3,333	8,400	19,195
1960.....	809	2,321	98	37	61	107	229	527	1,196	2,872	7,633	19,008
1965.....	804	2,129	87	33	61	106	233	527	1,122	2,671	7,089	18,898
1970.....	808	1,864	75	32	68	102	231	517	1,099	2,580	6,678	15,518
1975.....	770	1,444	64	27	61	85	191	456	1,013	2,247	6,030	14,031
1978.....	778	1,270	60	26	61	80	168	433	976	2,138	5,863	13,541
1979 ²	763	1,184	57	25	56	75	157	421	936	2,078	5,739	12,829
White: 1970	813	1,615	66	30	62	84	193	463	1,015	2,471	6,699	15,980
1978.....	797	1,070	53	25	58	69	146	394	914	2,064	5,810	14,079
1979 ²	783	981	53	24	53	66	139	380	883	2,013	5,662	13,375
Black and other: 1970	775	3,169	123	42	109	216	491	979	1,887	3,676	6,393	10,289
1978.....	665	2,207	90	32	76	143	308	719	1,535	2,822	6,514	8,449
1979 ²	640	2,146	74	31	69	133	269	711	1,408	2,677	6,682	7,777
Black: 1970	829	3,369	129	44	112	231	533	1,044	1,986	3,861	6,692	10,707
1978.....	723	2,414	95	33	78	156	335	789	1,637	2,925	7,246	8,793

¹ Includes unknown age. ² Preliminary.

Source of tables 108 and 109: National Center for Health Statistics, *Vital Statistics of the United States*, annual, and unpublished data.

NO. 110. DEATHS AND DEATH RATES, 1960 TO 1978, AND AVERAGE LIFETIME, 1969-1971—STATES

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

DIVISION AND STATE	NUMBER OF DEATHS (1,000)							RATE ²					AVERAGE LIFETIME IN YEARS, 1969-1971	
	1960	1965	1970	1975	1978			1960	1965	1970	1975	1978	Male	Female
					Total ¹	White	Black							
U.S.	1,712	1,828	1,921	1,893	1,928	1,690	221	9.5	9.4	9.5	8.9	8.8	67.04	74.64
N.E.	112	117	116	110	110	107	3	10.6	10.5	9.8	9.1	8.9	(NA)	(NA)
Maine.....	11	11	11	10	10	10	(z)	11.1	10.9	11.1	9.7	9.3	67.24	74.85
N.H.....	7	7	7	7	7	7	(z)	11.0	10.9	10.0	8.8	8.5	67.48	75.19
Vt.....	4	5	4	4	4	4	(z)	11.4	11.6	10.0	9.1	9.1	67.76	75.77
Mass.....	57	59	57	54	53	51	1	11.0	11.0	10.1	9.3	9.1	68.12	75.45
R.I.....	9	10	9	9	9	9	(z)	10.5	10.9	10.0	9.6	9.5	68.31	75.48
Conn.....	24	26	26	26	26	25	1	9.4	9.1	8.6	8.3	8.4	69.04	75.94
M.A.	359	376	383	356	354	317	35	10.5	10.3	10.3	9.5	9.6	(NA)	(NA)
N.Y.....	178	185	188	170	168	146	18	10.6	10.2	10.3	9.4	9.4	66.95	74.15
N.J.....	59	65	68	65	66	59	7	9.8	9.6	9.5	9.0	9.0	67.52	74.38
Pa.....	121	126	127	121	120	109	11	10.7	10.9	10.8	10.2	10.2	66.90	74.06
E.N.C.	348	368	377	361	362	325	36	9.6	9.7	9.4	8.8	8.8	(NA)	(NA)
Ohio.....	93	98	100	96	97	87	9	9.6	9.6	9.4	9.0	9.0	67.25	74.55
Ind.....	45	48	49	47	46	44	3	9.7	9.8	9.3	8.8	8.8	67.23	74.72
Ill.....	103	108	111	104	103	89	13	10.2	10.2	10.0	9.3	9.2	66.48	73.96
Mich.....	68	74	76	75	75	65	9	8.7	9.0	8.6	8.1	8.2	67.09	74.48
Wis.....	38	40	41	40	40	39	1	9.7	9.7	9.2	8.7	8.6	69.15	76.04
W.N.C.	156	161	164	158	158	150	7	10.1	10.1	10.1	9.5	9.3	(NA)	(NA)
Minn.....	32	33	34	33	33	33	(z)	9.3	9.2	8.9	8.3	8.3	69.38	76.80
Iowa.....	20	29	29	28	27	27	(z)	10.4	10.7	10.4	9.8	9.4	68.83	76.50
Mo.....	48	50	52	49	49	44	5	11.2	11.2	11.1	10.3	10.2	66.88	74.66
N. Dak.....	5	6	6	5	5	5	(z)	8.6	8.5	9.1	8.7	8.4	69.23	77.01
S. Dak.....	7	7	7	6	6	6	(z)	9.7	9.3	9.9	9.5	9.4	68.49	76.19
Nebr.....	14	15	15	15	14	14	(z)	10.0	10.0	10.1	9.4	9.2	68.85	76.61
Kans.....	21	22	22	22	22	21	1	9.7	9.7	9.7	9.6	9.2	68.83	76.54
S.A.	236	262	290	301	316	250	65	9.1	9.1	9.5	8.9	9.1	(NA)	(NA)
Del.....	4	5	5	5	5	4	1	9.4	9.0	9.0	8.1	8.5	66.29	74.07
Md.....	28	31	33	32	33	26	7	9.0	8.8	8.4	7.8	8.0	66.47	74.17
D.C.....	9	9	9	7	7	2	5	11.5	11.3	11.7	10.4	10.5	60.92	70.52
Va.....	34	37	39	40	41	32	9	8.7	8.3	8.4	8.0	7.9	66.26	74.17
W. Va.....	18	19	20	20	20	19	1	9.7	10.6	11.5	10.8	10.6	65.56	73.74
N.C.....	38	42	45	46	47	35	12	8.4	8.5	8.8	8.4	8.5	64.94	73.78
S.C.....	21	22	23	23	24	16	8	8.7	8.5	8.8	8.3	8.3	63.85	72.29
Ga.....	35	38	42	41	43	31	12	9.0	8.8	9.1	8.4	8.5	64.27	73.01
Fla.....	48	59	75	87	96	85	11	9.7	10.2	11.0	10.4	11.0	66.61	74.96
E.S.C.	115	121	128	128	130	102	28	9.5	9.5	10.0	9.5	9.3	(NA)	(NA)
Ky.....	30	31	33	33	33	31	3	9.9	9.8	10.3	9.8	9.6	66.22	74.31
Tenn.....	33	35	38	39	39	32	7	9.2	9.1	9.7	9.2	8.9	66.15	74.26
Ala.....	30	33	34	34	35	25	10	9.3	9.4	9.8	9.3	9.3	64.90	73.41
Miss.....	22	23	23	23	23	15	9	10.0	9.8	10.5	9.7	9.7	64.06	72.40
W.S.C.	148	159	175	181	189	155	32	8.7	8.6	9.1	8.7	8.6	(NA)	(NA)
Ark.....	18	19	21	22	22	18	4	10.0	9.8	10.7	10.3	10.1	66.68	74.97
La.....	30	32	33	34	35	24	12	9.1	9.1	9.2	8.9	8.9	64.85	72.88
Okl.....	23	24	27	27	28	25	2	9.8	9.6	10.5	10.0	9.8	67.40	75.70
Tex.....	77	84	94	98	104	89	15	8.1	7.9	8.4	8.0	8.0	67.05	74.99
Mt.	55	60	66	71	75	71	2	8.1	7.8	8.0	7.3	7.2	(NA)	(NA)
Mont.....	7	7	7	7	6	6	(z)	9.7	9.3	9.5	8.7	8.3	66.73	75.08
Idaho.....	5	6	6	7	7	6	(z)	8.1	8.6	8.6	7.9	7.4	68.20	76.10
Wyo.....	3	3	3	3	3	3	(z)	8.5	8.3	8.8	8.2	7.3	66.19	75.19
Colo.....	15	16	17	17	18	18	1	8.7	8.2	7.9	6.9	6.8	68.40	75.43
N. Mex.....	7	7	7	8	8	8	(z)	6.9	6.6	7.3	7.0	7.0	66.51	74.51
Ariz.....	10	12	15	17	19	18	(z)	7.8	7.5	8.4	7.6	8.1	66.57	75.04
Utah.....	6	7	7	8	8	8	(z)	6.8	6.7	6.7	6.2	6.0	69.49	76.55
Nev.....	3	3	4	4	5	5	(z)	8.9	7.3	7.9	7.6	7.6	65.60	73.32
Pac.	184	204	221	227	234	212	13	8.7	8.3	8.3	8.0	7.8	(NA)	(NA)
Wash.....	27	27	30	30	30	29	1	9.3	9.2	8.8	8.4	8.0	68.07	75.78
Oreg.....	17	18	20	20	21	20	(z)	9.5	9.6	9.3	8.8	8.5	68.43	76.20
Calif.....	136	153	166	171	176	160	12	8.6	8.2	8.3	8.1	7.9	68.19	75.37
Alaska.....	1	1	1	2	2	1	(z)	5.8	5.3	4.8	4.3	4.1	66.05	74.03
Hawaii.....	4	4	4	4	5	1	(z)	5.6	5.1	5.2	5.0	5.1	71.02	76.79

NA Not available. Z Fewer than 500. ¹ Includes races not shown separately. ² Rate per 1,000 population. Based on population (excluding Armed Forces abroad) enumerated as of Apr. 1 for 1960 and 1970, and estimated as of July 1 for other years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *U.S. Decennial Life Tables, 1969-1971*, vol. II, DHEW Publication No. (HRA) 75-1151; and unpublished data.

NO. 111. INFANT, MATERNAL, AND NEONATAL MORTALITY RATES, AND FETAL MORTALITY RATIOS, BY RACE: 1940 TO 1978

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

ITEM	1940	1950	1960	1965	1970	1972 ¹	1973	1974	1975	1976	1977	1978
Infant deaths²	47.0	29.2	26.0	24.7	20.0	18.5	17.7	16.7	16.1	15.2	14.1	13.8
White	43.2	26.8	22.9	21.5	17.8	16.4	15.8	14.8	14.2	13.3	12.3	12.0
Black and other	73.8	44.5	43.2	40.3	30.9	27.7	26.2	24.9	24.2	23.5	21.7	21.1
Black	72.9	43.9	44.3	41.7	32.6	29.6	28.1	26.8	26.2	25.5	23.6	23.1
Maternal deaths³	376.0	83.3	37.1	31.6	21.5	18.8	15.2	14.6	12.8	12.3	11.2	9.6
White	319.8	61.1	26.0	21.0	14.4	14.3	10.7	10.0	9.1	9.0	7.7	6.4
Black and other	773.5	221.6	97.9	83.7	55.9	38.5	34.6	35.1	29.0	26.5	26.0	23.0
Black	781.7	223.0	103.6	88.3	59.8	40.7	38.4	38.3	31.3	29.5	29.2	25.0
Fetal deaths⁴	(NA)	19.2	16.1	14.2	12.7	12.2	11.5	10.7	10.5	9.9	9.7	8.7
White	(NA)	17.1	14.1	13.9	12.4	11.2	10.8	10.2	9.5	9.3	8.7	8.5
Black and other	(NA)	32.5	26.8	27.2	22.6	19.5	18.6	17.0	16.0	15.2	14.6	14.7
Neonatal deaths⁵	28.8	20.5	18.7	17.7	15.1	13.6	13.0	12.3	11.6	10.9	9.9	9.5
White	27.2	19.4	17.2	16.1	13.8	12.4	11.8	11.1	10.4	9.7	8.7	8.4
Black and other	39.7	27.5	26.9	25.4	21.4	19.2	17.9	17.2	16.8	16.3	14.7	14.0
Black	39.9	27.8	27.8	26.5	22.8	20.7	19.3	18.7	18.3	17.9	16.1	15.5

NA Not available. ¹ Based on a 50-percent sample of deaths.

² Represents deaths of infants under 1 year old, exclusive of fetal deaths.

³ Per 100,000 live births from deliveries and complications of pregnancy, childbirth, and the puerperium. For 1970-1978, deaths are classified according to eighth revision of *International Classification of Diseases, Adapted for Use in the United States*; in prior years classified according to the revision of the *International Classification of Diseases* in use at the time.

⁴ Beginning 1970, includes only those deaths with stated or presumed period of gestation of 20 weeks or more; for prior years, includes gestational age not stated. ⁵ Represents deaths of infants under 28 days old, exclusive of fetal deaths.

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

NO. 112. INFANT MORTALITY RATES—STATES: 1960 TO 1978

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

DIVISION AND STATE	WHITE			BLACK			DIVISION AND STATE	WHITE			BLACK		
	1960	1970	1978	1960	1970	1978		1960	1970	1978	1960	1970	1978
U.S.	22.9	17.8	12.0	44.3	32.6	23.1	So. Atl.—Con.						
N. Eng.	21.7	16.8	10.7	37.2	33.9	22.6	W. Va.	24.8	22.8	14.9	38.1	30.1	21.6
Maine	25.7	21.0	10.5	15.7	18.5	11.0	N.C.	22.3	19.3	13.0	53.3	36.7	24.9
N.H.	23.7	18.0	10.5	13.9	18.6	—	S.C.	23.9	18.2	13.3	48.6	31.3	26.5
Vt.	24.2	17.6	13.5	—	18.0	—	Ga.	24.6	17.2	11.8	48.3	33.2	22.1
Mass.	21.1	16.0	10.5	37.4	36.0	20.1	Fla.	23.6	17.8	11.8	46.2	33.7	20.8
R.I.	22.4	19.3	12.2	43.2	34.1	35.2	E. So. Cent.	25.6	18.7	12.3	48.5	35.6	23.7
Conn.	20.0	15.5	10.0	37.9	32.3	23.5	Ky.	26.0	18.8	12.0	49.0	28.6	19.9
Mid. Atl.	22.0	17.3	11.8	42.3	32.7	22.2	Tenn.	25.3	18.8	13.1	43.7	30.7	21.2
N.Y.	21.5	16.9	11.9	42.8	31.6	21.9	Ala.	24.9	18.6	12.1	45.1	36.4	23.7
N.J.	21.9	16.9	10.5	42.5	33.0	22.8	Miss.	26.6	18.7	11.5	54.3	39.6	26.4
Pa.	22.6	18.2	12.5	41.2	35.2	22.1	W. So. Cent.	24.9	19.6	13.0	44.8	32.4	23.3
E. No. Cent.	22.1	17.8	12.0	39.8	32.0	24.2	Ark.	22.5	18.3	14.3	38.9	31.3	22.6
Ohio.	22.2	17.2	12.1	39.8	29.7	21.5	La.	22.6	19.8	12.7	46.9	32.3	24.6
Ind.	22.6	18.5	11.9	38.3	28.6	23.4	Okl.	22.7	20.3	13.4	48.2	34.5	21.5
Ill.	22.2	18.3	12.8	39.9	34.8	26.7	Tex.	26.3	19.6	12.9	44.3	32.5	22.6
Mich.	22.1	18.6	11.8	40.7	31.0	24.6	Mt.	25.7	18.1	11.8	42.5	30.2	19.0
Wis.	21.2	16.0	10.9	37.2	32.1	15.2	Mont.	24.2	21.2	10.4	139.5	120.8	—
W. No. Cent.	21.7	17.3	12.0	42.5	33.3	27.3	Idaho	22.7	17.3	11.8	119.2	—	137.0
Minn.	21.6	17.3	11.6	33.3	20.7	26.7	Wyo.	27.5	19.6	13.4	152.6	176.9	123.0
Iowa.	21.7	18.3	12.3	36.8	35.9	22.5	Colo.	26.9	19.7	11.0	42.6	24.5	17.1
Mo.	21.4	17.0	12.2	45.6	34.5	29.2	N. Mex.	30.9	19.5	13.4	39.4	42.3	12.1
N. Dak.	24.1	14.3	13.4	143.5	—	11.9	Ariz.	26.6	16.0	12.4	45.8	25.0	18.7
S. Dak.	24.2	16.7	12.1	180.0	183.3	16.7	Utah	18.8	14.9	11.3	158.8	150.3	123.0
Nebr.	21.3	18.5	12.1	33.3	36.6	28.1	Nev.	29.6	22.2	11.9	34.1	45.2	19.3
Kans.	21.3	16.7	11.7	35.5	30.8	22.0	Pac.	22.6	16.7	11.6	35.6	27.4	19.8
So. Atl.	23.6	18.0	12.3	47.6	33.1	23.3	Wash.	22.7	18.1	12.3	33.4	33.8	21.2
Del.	17.8	18.3	9.9	51.2	31.5	23.4	Oreg.	23.0	16.0	12.9	36.3	120.1	116.9
Md.	22.3	16.4	11.7	45.1	30.0	22.5	Calif.	22.5	16.5	11.2	35.7	27.1	19.9
D.C.	29.4	26.3	13.4	39.8	30.0	30.2	Alaska	27.9	20.3	13.5	129.6	148.5	153.3
Va.	24.6	17.0	11.5	45.8	34.1	21.7	Hawaii	21.5	17.8	10.2	135.7	117.5	112.2

— Represents zero. ¹ Based on a frequency of less than 20 deaths.

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

No. 113. DEATH RATES, 1960 TO 1978, AND DEATHS, 1970 TO 1978, FROM SELECTED CAUSES

[Beginning 1970, excludes deaths of nonresidents of the U.S. Age-adjusted death rates were prepared using the direct method, in which age-specific death rates for a population of interest are applied to a standard population distributed by age. The standard population for this table is the total population of the United States enumerated in 1940. Age adjustment eliminates the differences in observed rates between points in time or among compared population groups that result from age differences in population composition. For 1960, causes of death classified according to seventh revision of *International Classification of Diseases*; beginning 1970, to eighth revision. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series B149-166]

CAUSE OF DEATH	CRUDE DEATH RATES PER 100,000 POPULATION ¹					AGE-ADJUSTED DEATH RATES PER 100,000 POPULATION ¹			DEATHS (1,000)		
	1960	1970	1975	1977	1978	1970	1975	1978	1970	1975	1978
All causes.....	954.7	945.3	888.5	878.1	883.4	714.3	638.3	606.1	1,921.0	1,892.9	1,927.8
Major cardiovascular diseases.....	515.1	496.0	455.8	444.5	442.7	340.1	291.4	267.9	1,008.0	971.0	966.1
Diseases of heart.....	369.0	362.0	336.2	332.3	334.3	253.6	220.5	207.6	735.6	716.2	729.5
Percent of total.....	38.8	38.3	37.8	37.8	37.8	35.5	34.5	34.3	38.3	37.8	37.8
Active rheumatic fever and chronic rheumatic heart dis- ease.....	10.3	7.3	6.1	5.9	6.1	6.3	4.8	4.5	14.9	12.9	13.4
Hypertensive heart disease ²	37.0	7.4	5.2	4.8	4.7	4.9	3.2	2.9	15.0	11.0	10.3
Ischemic heart disease.....		328.1	301.7	295.1	294.3	228.1	196.1	180.9	666.7	642.7	642.3
Chronic disease of endocardium and other myocardial insuffi- ciency.....	321.8	3.3	2.1	1.9	1.9	2.3	1.4	1.2	6.7	4.9	4.1
All other forms of heart disease....		15.9	21.2	24.6	27.2	12.0	15.0	18.2	32.3	45.1	59.4
Hypertension.....	7.1	4.1	3.0	2.6	2.5	2.9	1.9	1.5	8.3	6.3	5.5
Cerebrovascular diseases.....	108.0	101.9	91.1	84.1	80.5	66.3	54.5	45.3	207.2	194.0	175.6
Arteriosclerosis.....	20.0	15.6	13.6	13.3	13.3	8.4	6.6	6.0	31.7	28.9	28.9
Other.....	11.0	12.5	12.0	12.2	12.2	8.8	8.0	7.7	25.3	25.6	26.6
Malignancies.....	149.2	162.8	171.7	178.7	181.9	129.9	130.9	133.8	330.7	365.7	397.0
Percent of total.....	15.6	17.2	19.3	20.4	20.6	18.2	20.5	22.1	17.2	19.3	20.6
Accidents.....	52.3	56.4	48.4	47.7	48.4	53.7	44.8	44.3	114.6	103.0	105.6
Motor vehicle.....	21.3	26.9	21.5	22.9	24.0	27.4	21.3	23.4	54.6	45.9	52.4
Falls.....	10.6	8.3	7.0	6.4	6.3	5.7	4.5	3.9	16.9	14.7	13.7
Drowning.....	2.9	3.1	3.1	2.8	2.7	3.1	3.1	2.7	6.4	6.6	5.8
All other.....	17.5	18.1	16.7	15.7	15.4	17.5	15.9	14.3	36.7	35.9	33.7
Influenza and pneumonia.....	37.3	30.9	26.1	23.7	26.7	22.1	16.6	15.4	62.7	55.7	58.3
Influenza.....	4.4	1.8	2.0	6	1.9	1.3	1.2	1.0	3.7	4.3	4.1
Pneumonia.....	32.9	29.0	24.1	23.1	24.9	20.8	15.4	14.5	59.0	51.4	54.3
Diabetes mellitus.....	16.7	18.9	16.5	15.2	15.5	14.1	11.6	10.4	38.3	35.2	33.8
Cirrhosis of liver.....	11.3	15.5	14.8	14.3	13.8	14.7	13.8	12.5	31.4	31.6	30.1
Certain diseases of early infancy.....	37.4	21.3	12.5	10.8	10.1	(x)	(x)	(x)	43.2	26.6	22.0
Bronchitis, emphysema, and asthma....	(*)	15.2	12.0	10.3	10.0	11.6	8.6	6.8	30.9	25.5	21.9
Chronic and unqualified bronchitis....	(*)	2.9	2.2	2.0	2.0	2.1	1.6	1.3	5.8	4.7	4.4
Emphysema.....	(*)	11.2	8.8	7.6	7.2	8.4	6.2	4.8	22.7	18.8	15.6
Asthma.....	3.0	1.1	.9	.8	.9	1.0	0.8	0.7	2.3	2.0	1.9
Suicide.....	10.6	11.6	12.7	13.3	12.5	11.8	12.6	12.0	23.5	27.1	27.3
Homicide.....	4.7	8.3	10.0	9.2	9.4	9.1	10.5	9.6	16.8	21.3	20.4
Congenital anomalies.....	12.2	8.3	6.2	6.0	5.9	7.6	6.4	6.1	16.8	13.2	13.0
Peptic ulcer.....	6.3	4.2	3.2	2.7	2.5	3.2	2.2	1.7	8.6	6.7	5.5
Hernia and intestinal obstruction.....	5.1	3.6	2.9	2.6	2.6	2.6	1.9	1.6	7.2	6.2	5.6
Nephritis and nephrosis.....	7.6	4.4	3.8	3.9	4.1	3.5	2.8	2.8	8.9	8.1	8.9
Infections of kidney.....	4.3	4.0	2.1	1.7	1.4	2.8	1.3	0.8	8.2	4.5	3.1
Tuberculosis, all forms.....	6.1	2.6	1.6	1.4	1.3	2.2	1.2	1.0	5.2	3.3	2.9
Cholelithiasis, cholecystitis, and choledochitis.....	2.6	2.0	1.4	1.4	1.3	1.3	.9	.8	4.0	3.0	3.0
Enteritis and other diarrheal.....	(*)	1.3	.9	.9	.9	1.0	.8	.7	2.6	2.0	2.9
Hyperplasia of prostate.....	2.5	1.1	.6	.5	.4	.6	.3	.2	2.2	1.2	.9
Meningitis.....	1.3	.8	.8	.7	.7	.8	.7	.7	1.7	1.6	1.6
Acute bronchitis and bronchiolitis.....	(*)	.6	.3	.3	.3	.5	.3	.2	1.3	.7	.8
Syphilis and its sequelae.....	1.6	.2	.1	.1	.1	.2	.1	-	.5	.3	.2
Infective hepatitis.....	.5	.5	.3	.2	.2	.5	.3	.2	1.0	.6	.5
Other infective and parasitic diseases.....	3.7	3.6	4.6	5.3	5.8	3.1	3.7	4.4	7.4	9.7	12.6
Ill-defined symptoms and conditions.....	11.4	12.7	14.9	14.9	14.4	10.4	12.3	11.2	25.8	31.8	31.3
All other causes.....	51.9	58.8	64.4	67.8	70.4	48.1	49.1	50.2	119.5	137.1	153.6

- Represents zero or rounds to zero. X Not applicable.

¹ Based on resident population enumerated as of Apr. 1 for 1960 and 1970, and estimated as of July 1 for other years.

² With or without renal disease. ³ Excludes pneumonia of newborn.

⁴ Included in "All other causes." Comparable data not available separately.

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

NO. 114. DEATH RATES, BY CAUSE, SEX, AND AGE—STATES: 1978

[Deaths per 100,000 estimated midyear population in each area. By place of residence. Excludes nonresidents of U.S. Causes of death classified according to eighth revision of the *International Classification of Diseases*]

STATE, SEX, AND AGE	Dis- eases of heart	Malign- ant neo- plasms	Cerebro- vascular dis- eases	Acci- dents	Pneu- monia, flu	Diabe- tes melli- tus	Cirrho- sis of liver	Arte- rioscle- rosis	Suicide	Early infancy dis- eases	Bron- chitis, emphy- sema, and asthma
U.S. ¹	334.3	181.9	80.5	48.4	26.7	15.5	13.8	13.3	12.5	10.1	10.0
Male ¹	375.3	203.5	69.4	69.6	29.0	13.1	18.6	10.9	19.0	12.0	14.4
15-24 yr.....	3.2	7.7	1.2	100.5	1.6	.3	.3	-	20.0	(X)	.3
25-44 yr.....	37.2	26.9	5.8	69.1	3.9	2.9	11.0	.1	24.0	(X)	.7
45-64 yr.....	527.6	345.7	55.0	64.2	22.4	18.3	51.7	3.7	25.3	(X)	15.9
65 yr. and over.....	2,812.6	1,357.0	612.3	129.6	239.8	93.4	57.0	109.6	38.0	(X)	117.9
Female ¹	295.5	161.4	91.0	28.3	24.6	17.8	9.3	15.5	6.3	8.3	5.9
15-24 yr.....	2.1	4.9	1.1	28.0	1.1	.4	.3	-	4.7	(X)	.3
25-44 yr.....	12.0	31.0	5.5	17.9	2.4	2.2	5.2	-	8.9	(X)	.7
45-64 yr.....	177.9	268.9	44.2	23.1	11.2	17.2	24.4	1.9	10.5	(X)	8.4
65 yr. and over.....	2,001.5	759.0	628.7	80.2	161.2	106.7	22.1	118.7	7.5	(X)	30.7
New England	347.7	203.3	76.0	38.5	31.7	16.2	15.1	13.6	10.5	7.2	8.5
Maine.....	358.9	202.4	82.6	46.1	31.4	16.0	15.8	15.7	13.9	5.8	12.4
New Hampshire.....	306.9	196.1	70.2	38.2	28.4	17.0	15.3	21.2	15.0	7.9	11.9
Vermont.....	341.3	194.0	71.3	50.7	31.8	13.6	9.9	17.5	14.8	8.2	7.4
Massachusetts.....	357.3	206.8	76.3	40.0	37.9	16.4	15.8	12.2	8.9	6.7	8.2
Rhode Island.....	402.5	229.1	74.1	29.7	18.5	22.4	13.6	13.9	11.5	8.6	6.0
Connecticut.....	321.9	192.7	76.2	33.9	25.2	14.3	14.8	12.4	10.3	8.1	7.6
Middle Atlantic	398.4	208.9	74.1	35.5	28.2	18.9	17.3	12.3	9.8	9.4	8.9
New York.....	396.2	205.2	69.2	33.5	33.4	17.7	19.9	11.9	9.6	9.8	9.6
New Jersey.....	377.4	207.8	73.1	33.4	22.5	16.3	16.6	9.0	7.2	8.6	7.3
Pennsylvania.....	414.9	215.2	82.1	40.0	23.9	21.1	13.9	14.9	11.9	9.4	8.8
E. No. Central	351.2	179.9	79.8	43.2	24.5	17.1	12.9	14.7	11.7	10.3	10.3
Ohio.....	356.7	185.8	80.9	41.6	23.9	18.3	12.2	16.2	12.6	9.7	11.2
Indiana.....	334.2	179.3	91.8	47.6	22.7	20.3	9.6	20.0	11.9	9.7	9.9
Illinois.....	379.6	186.8	79.7	42.9	27.2	15.3	14.8	12.0	10.0	12.4	10.4
Michigan.....	321.0	166.5	71.3	43.3	21.8	16.9	14.8	12.5	12.3	10.1	10.1
Wisconsin.....	349.0	177.0	80.0	42.6	26.4	15.8	10.3	15.8	12.4	7.3	8.8
W. No. Central	351.7	184.3	93.9	51.3	33.7	15.0	9.4	17.4	11.1	10.0	10.0
Minnesota.....	307.2	167.8	87.9	48.5	33.4	11.9	8.6	15.7	10.2	9.0	9.2
Iowa.....	380.5	187.5	97.8	47.8	34.7	15.7	8.3	18.9	11.8	9.3	13.3
Missouri.....	380.2	200.5	97.3	53.6	33.3	16.8	10.7	16.7	12.2	11.8	9.1
North Dakota.....	313.6	164.5	83.5	59.3	32.8	15.3	10.7	14.7	9.8	10.9	6.7
South Dakota.....	354.8	176.8	100.4	57.8	37.0	14.8	13.9	14.9	11.7	10.7	11.3
Nebraska.....	348.4	188.1	97.6	47.9	32.9	13.4	9.2	20.5	9.2	10.5	11.6
Kansas.....	345.3	180.1	90.8	54.0	33.3	16.5	7.8	19.1	10.8	8.4	8.6
South Atlantic	338.2	186.5	85.5	51.3	26.2	15.5	14.2	11.7	13.9	11.0	10.7
Delaware.....	334.6	194.5	54.6	41.4	16.8	25.2	15.4	12.8	14.6	10.1	8.0
Maryland.....	308.5	182.3	53.3	38.1	19.2	16.2	13.1	10.9	10.9	11.5	6.6
District of Columbia.....	325.8	232.3	77.6	41.6	36.7	18.0	43.8	25.3	10.4	24.1	8.8
Virginia.....	295.5	157.4	72.6	46.6	24.9	12.1	10.6	10.9	14.1	9.6	8.4
West Virginia.....	431.0	197.8	88.7	57.2	31.0	20.8	12.8	14.8	14.0	11.8	14.6
North Carolina.....	313.1	159.9	84.3	56.5	25.7	14.4	11.9	11.0	11.7	12.0	8.3
South Carolina.....	295.4	145.4	87.3	59.5	24.4	15.4	10.7	8.1	11.3	15.2	8.3
Georgia.....	301.9	154.5	96.7	58.6	28.3	13.0	11.4	9.6	13.6	11.9	9.5
Florida.....	410.9	248.7	104.1	50.2	29.0	17.4	16.9	13.8	17.7	8.1	16.2
E. So. Central	332.0	175.2	100.1	61.1	27.9	15.5	9.4	13.2	11.5	11.6	9.8
Kentucky.....	379.1	183.4	98.0	52.6	31.5	17.3	10.4	14.5	12.5	9.9	10.5
Tennessee.....	324.3	172.7	98.4	57.4	27.0	12.1	9.3	14.1	12.6	10.7	10.8
Alabama.....	304.2	174.2	102.8	66.1	26.0	17.0	9.5	11.8	10.5	11.8	8.9
Mississippi.....	320.8	169.6	102.1	72.3	27.4	16.7	8.0	12.1	9.6	15.3	8.3
W. So. Central	298.6	163.3	85.4	57.8	26.9	14.5	10.3	13.6	12.4	12.8	9.7
Arkansas.....	364.3	190.7	114.2	60.6	31.7	17.2	7.6	14.7	10.5	11.0	10.3
Louisiana.....	317.9	168.8	83.9	59.9	24.8	18.6	10.3	16.0	11.8	16.9	9.0
Oklahoma.....	364.3	186.9	100.0	63.3	35.0	15.1	11.6	14.2	13.5	10.2	10.2
Texas.....	267.5	152.0	77.9	55.5	24.9	12.7	10.5	12.5	12.7	12.4	9.6
Mountain	232.6	135.9	57.6	65.0	23.6	12.0	12.7	11.4	17.3	9.7	11.6
Montana.....	279.6	157.3	71.7	69.7	26.3	14.5	13.5	21.7	15.5	8.1	14.5
Idaho.....	241.8	133.7	68.4	69.3	26.2	11.6	8.7	13.0	13.4	9.5	10.3
Wyoming.....	233.2	130.1	61.4	79.8	23.3	13.9	12.5	12.2	17.6	10.1	11.3
Colorado.....	229.1	125.1	54.0	51.6	24.2	10.5	10.2	12.7	17.8	6.8	10.6
New Mexico.....	168.6	126.1	50.0	80.7	24.0	14.0	15.2	6.8	17.1	11.4	10.9
Arizona.....	265.1	162.9	59.3	69.3	24.7	12.0	16.3	11.3	19.3	10.9	14.0
Utah.....	198.9	97.8	52.7	56.0	18.5	12.8	8.4	7.5	12.8	14.0	8.0
Nevada.....	246.7	158.6	56.5	73.4	18.0	9.9	19.1	6.9	24.8	8.4	14.0
Pacific	274.5	168.7	72.9	51.6	23.0	11.0	17.1	12.3	15.8	8.3	10.8
Washington.....	284.5	169.3	79.4	53.9	27.1	12.9	12.1	16.0	14.2	8.0	11.3
Oregon.....	296.9	178.9	83.6	58.3	26.8	11.9	12.2	20.0	15.5	7.5	12.8
California.....	278.8	171.6	72.5	50.0	22.4	10.7	19.0	11.3	16.3	8.3	10.9
Alaska.....	75.7	68.4	16.8	111.4	13.1	2.7	9.2	2.7	14.8	13.1	2.2
Hawaii.....	156.7	113.7	49.3	35.5	14.6	12.7	6.7	3.5	11.8	9.5	5.8

- Represents zero. X Not applicable. ¹ Includes persons under 15 years old, not shown separately.

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

**NO. 115. DEATHS FROM SELECTED CAUSES FOR SELECTED COUNTRIES—AGE-ADJUSTED RATES:
1970 TO 1979**

[Deaths per 100,000 population. For explanation of age-adjustment, see headnote, table 113. The standard population for this table is based on the sum of male and female population of 46 countries for which the source published causes of death statistics in 1950. Causes of death are classified according to eighth revision of the *International Classification of Diseases*]

SEX AND CAUSE OF DEATH	United States	Canada	France	Germany, Federal Republic	Japan	Sweden	United Kingdom ¹
MALE							
Ischemic heart disease:							
1970.....	319.7	272.9	68.7	153.5	49.2	224.9	241.3
1975.....	281.8	253.3	77.6	172.3	44.7	238.5	248.6
1979.....	² 261.6	³ 243.3	³ 72.8	² 175.1	39.6	244.9	243.5
Malignant neoplasms:							
1970.....	154.9	155.1	175.9	175.7	141.7	129.8	187.4
1975.....	159.1	158.0	189.0	181.8	140.3	146.3	184.9
1979.....	² 163.7	³ 159.1	³ 193.3	² 181.3	145.6	143.8	185.4
Cerebrovascular diseases:							
1970.....	75.8	65.9	93.1	109.0	214.8	55.7	92.5
1975.....	64.0	61.3	84.2	95.4	167.0	57.5	81.7
1979.....	² 53.1	³ 54.8	³ 71.4	² 86.6	128.4	49.8	73.8
Accidents:							
1970.....	78.0	75.0	82.4	76.5	65.5	46.5	37.6
1975.....	65.7	74.6	72.0	61.2	45.3	58.8	32.5
1979.....	² 64.5	³ 64.2	³ 71.5	² 54.6	36.7	52.1	31.3
FEMALE							
Ischemic heart disease:							
1970.....	163.9	132.9	28.8	63.3	28.1	120.4	101.3
1975.....	140.6	118.1	31.8	74.8	26.9	120.1	105.7
1979.....	² 132.8	³ 112.5	³ 29.4	² 75.4	22.6	112.2	100.9
Malignant neoplasms:							
1970.....	106.5	109.9	96.0	123.4	91.7	106.9	118.0
1975.....	105.2	105.8	96.2	119.4	87.0	110.7	119.9
1979.....	² 107.5	³ 105.7	³ 93.5	² 116.6	85.2	107.1	122.0
Cerebrovascular diseases:							
1970.....	65.4	57.1	65.0	87.2	142.5	51.1	82.4
1975.....	54.6	51.7	61.0	75.9	115.5	51.9	73.7
1979.....	² 46.7	³ 45.8	³ 52.6	² 68.7	90.5	42.8	67.3
Accidents:							
1970.....	28.8	29.0	35.1	31.9	20.3	20.1	18.5
1975.....	23.7	29.0	32.1	27.2	14.7	20.0	15.9
1979.....	² 23.8	³ 24.9	³ 32.2	² 24.5	12.9	17.7	15.1

¹ Covers England and Wales only. ² 1978 data. ³ 1977 data.

Source: World Health Organization, Geneva, Switzerland, *World Health Statistics*, vol. I, annual.

NO. 116. DEATH RATES FROM HEART DISEASE, BY SEX, AGE, AND SELECTED TYPE: 1950 TO 1978

[Deaths per 100,000 population in specified age groups. Beginning 1970, based on the eighth revision of the *International Classification of Diseases*, Adapted for Use in the United States and excludes deaths of nonresidents of the United States. See Appendix III]

AGE AT DEATH AND SELECTED TYPE OF HEART DISEASE	MALE					FEMALE				
	1950	1960	1970	1975	1978	1950	1960	1970	1975	1978
Total U.S. rate¹	424.7	439.5	422.5	385.2	375.3	289.7	300.6	304.5	289.7	295.5
25-44 years.....	70.2	67.6	57.3	42.4	37.2	36.2	25.2	19.5	13.9	12.0
45-54 years.....	44.2	420.4	376.4	326.7	298.0	177.8	127.5	109.9	91.3	85.2
55-64 years.....	1,100.5	1,066.9	987.2	860.2	791.3	507.0	429.4	351.6	300.0	279.7
65 years and over.....	3,269.3	3,314.7	3,258.0	2,933.0	2,812.6	2,496.3	2,415.6	2,268.2	2,036.7	2,001.5
Persons 45-64 years:										
Ischemic heart.....	316.6	347.1	338.0	292.3	260.4	76.0	72.4	84.0	70.9	64.9
Rheumatic heart.....	24.3	19.9	11.4	7.3	5.9	23.8	19.5	10.6	6.1	5.4
Hypertensive heart.....	48.0	23.9	4.6	2.9	3.0	48.7	21.5	4.0	2.2	1.9
Persons 55-64 years:										
Ischemic heart.....	792.9	885.2	904.6	779.1	704.4	275.0	295.6	299.1	252.9	230.4
Rheumatic heart.....	35.0	29.0	21.5	16.2	13.5	30.5	28.4	20.8	15.3	13.1
Hypertensive heart.....	128.2	71.2	11.7	8.1	7.4	119.0	63.9	9.1	6.1	5.7
Persons 65 years and over:										
Ischemic heart.....	2,041.1	2,586.4	3,022.5	2,684.3	2,525.7	1,334.0	1,691.2	2,071.5	1,841.3	1,776.1
Rheumatic heart.....	58.3	32.9	32.9	30.5	34.1	52.6	34.8	32.3	31.8	35.5
Hypertensive heart.....	442.4	268.5	54.9	38.2	32.0	487.9	321.2	60.0	41.2	35.0

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

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

NO. 117. DEATH RATES FROM CANCER, BY SEX, AGE, AND TYPE OF CANCER: 1940 TO 1978

[Deaths per 100,000 population in the specified age groups. See headnote, table 118]

AGE AT DEATH AND SELECTED TYPE OF CANCER	MALE						FEMALE					
	1940	1950	1960	1970	1975	1978	1940	1950	1960	1970	1975	1978
Total U.S. rate ¹	114.1	142.9	162.5	182.1	192.3	203.5	126.4	136.8	136.4	144.4	152.1	161.4
25-44 years.....	24.6	31.0	34.2	33.9	28.7	26.9	50.3	49.1	45.8	40.3	33.4	31.0
45-54 years.....	135.3	156.2	170.8	183.5	187.4	192.2	204.1	194.0	183.0	181.5	176.6	177.1
55-64 years.....	352.2	413.1	459.9	511.8	512.3	522.0	384.1	368.2	337.7	343.2	357.7	369.7
65 years and over.....	896.2	968.9	1,066.2	1,221.2	1,301.1	1,357.0	792.3	755.7	709.1	708.3	725.2	759.0
Persons, 45-54 years old:												
Respiratory system.....	23.3	39.3	54.7	72.1	78.2	81.3	6.2	6.7	10.1	22.2	28.1	33.3
Digestive organs, peritoneum.....	70.7	59.9	53.2	45.9	44.8	45.0	58.6	47.0	38.9	32.5	29.7	29.0
Breast.....	.3	.4	.2	.4	.2	.3	47.5	46.9	51.4	52.6	50.4	51.0
Genital organs.....	5.6	4.8	4.0	3.4	3.3	3.3	69.2	59.0	44.8	34.4	29.9	26.4
Lymphatic and hematopoietic tissues, excl. leukemia.....	(NA)	9.7	11.6	12.8	11.0	10.3	(NA)	5.7	7.1	8.3	7.4	7.0
Urinary organs.....	9.1	8.7	8.3	8.0	8.1	8.3	4.5	3.8	3.5	3.5	3.3	2.9
Mouth, throat, and pharynx.....	6.0	6.3	7.9	7.9	8.2	8.4	1.6	1.8	2.8	2.8	3.0	2.7
Leukemia.....	5.6	6.5	7.2	6.6	5.9	6.2	4.6	5.1	5.3	4.9	4.4	4.4
Persons, 55-64 years old:												
Respiratory system.....	45.7	94.2	150.2	202.3	214.1	223.5	12.6	15.4	17.0	38.9	58.3	69.4
Digestive organs, peritoneum.....	195.3	174.8	153.7	139.0	129.5	128.9	149.1	125.1	102.2	86.0	83.5	81.0
Breast.....	.8	.8	1.0	.6	.8	.6	74.9	69.9	70.8	77.6	79.2	83.0
Genital organs.....	30.7	26.2	23.5	22.8	23.3	23.3	100.9	87.4	73.0	58.2	53.0	51.8
Lymphatic and hematopoietic tissues, excl. leukemia.....	(NA)	18.2	23.1	27.1	26.7	25.8	(NA)	11.5	15.7	17.7	17.5	17.9
Urinary organs.....	23.7	26.9	25.9	26.4	24.8	24.1	11.8	11.2	9.3	9.4	9.0	9.2
Mouth, throat, and pharynx.....	16.1	16.2	16.3	20.1	18.9	18.2	3.0	3.3	3.8	6.2	6.8	6.1
Leukemia.....	10.6	14.1	16.1	15.4	14.9	13.8	7.5	10.1	10.6	9.0	8.6	8.4

NA Not available. ¹Includes persons under 25 years old, not shown separately.Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

NO. 118. DEATH RATES FROM ACCIDENTS AND VIOLENCE: 1960 TO 1978

[Deaths per 100,000 population. Beginning 1970, excludes deaths of nonresidents of the U.S. Deaths classified according to the revision of the *International Classification of Diseases, Adapted for Use in the United States*, in use at the time (beginning 1970, based on the eighth revision). See Appendix III]

SEX, CAUSE OF DEATH, AND AGE	WHITE				BLACK			
	1960	1970	1975	1978	1960	1970	1975	1978
Male, total ¹	91.3	101.9	96.9	97.7	137.1	183.2	164.5	147.9
Motor vehicle accidents.....	31.5	39.1	32.2	36.2	33.2	44.3	32.7	32.7
All other accidents.....	38.6	38.2	35.5	32.1	60.8	63.3	52.2	45.7
Suicide.....	17.6	18.0	20.1	20.2	6.4	8.0	10.0	10.8
Homicide.....	3.6	6.8	9.1	9.2	36.7	67.6	69.6	58.7
15-24 years.....	105.2	130.7	129.7	138.3	144.2	234.3	182.9	156.3
25-44 years.....	88.5	107.1	103.4	104.5	205.6	301.1	279.1	241.9
45-64 years.....	118.6	121.4	104.0	95.2	188.4	249.7	214.8	186.7
65 years and over.....	223.5	216.9	185.3	173.2	190.1	220.0	203.0	194.7
Female, total ¹	38.3	42.4	38.3	38.2	50.8	51.7	45.9	42.6
Motor vehicle accidents.....	11.2	14.8	11.4	13.1	9.7	13.4	9.3	9.7
All other accidents.....	20.4	18.3	16.7	15.4	29.1	22.5	18.9	17.2
Suicide.....	5.3	7.1	7.4	6.9	1.6	2.6	2.7	2.8
Homicide.....	1.4	2.1	2.9	2.9	10.4	13.3	15.1	13.0
15-24 years.....	23.5	34.9	33.1	38.7	31.6	45.5	42.7	38.1
25-44 years.....	24.0	33.6	31.1	30.6	51.7	60.5	55.1	47.7
45-64 years.....	37.7	44.6	38.2	35.7	54.5	55.9	51.9	46.5
65 years and over.....	149.1	122.4	100.7	91.9	113.9	107.9	85.7	80.4

¹ Includes persons under 15 years old, not shown separately.Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

NO. 119. DEATHS AND DEATH RATES FROM ACCIDENTS, BY TYPE: 1965 TO 1978

[Beginning 1970, excludes deaths of nonresidents of the U.S. See headnote, table 118 and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 163-165]

TYPE OF ACCIDENT	DEATHS					RATE ¹				
	1965	1970	1975	1977	1978	1965	1970	1975	1977	1978
All accidents.....	108,004	114,638	103,030	103,202	105,561	55.7	56.4	48.4	47.7	48.4
Motor-vehicle accidents.....	49,163	54,633	45,853	49,510	52,411	25.4	26.9	21.5	22.9	24.0
Traffic.....	48,050	53,493	44,820	48,457	51,337	24.8	26.3	21.0	22.4	23.5
Nontraffic.....	1,113	1,140	1,033	1,053	1,074	.6	.6	.5	.5	.5
Other road-vehicle accidents.....	319	257	255	200	204	.2	.1	.1	.1	.1
Water-transport accidents.....	1,493	1,651	1,570	1,357	1,467	.8	.8	.7	.6	.7
Air and space transport accidents.....	1,529	1,612	1,552	1,643	1,880	.8	.8	.7	.8	.9
Railway accidents.....	962	852	608	576	602	.5	.4	.3	.3	.3
Accidental falls.....	² 19,984	16,926	14,896	13,773	13,690	² 10.3	8.3	7.0	6.4	6.3
Fall from one level to another.....	5,802	4,798	4,005	3,806	3,833	3.0	2.4	1.9	1.8	1.8
Fall on the same level.....	5,738	828	532	505	489	3.0	.4	.2	.2	.2
Unspecified falls.....	8,444	11,300	10,359	9,462	9,368	4.4	5.6	4.9	4.4	4.3
Accidental drowning.....	5,485	6,391	6,640	5,961	5,784	2.8	3.1	3.1	2.8	2.7
Accidents caused by—										
Fire and flames.....	7,347	6,718	6,071	6,357	6,163	3.8	3.3	2.8	2.9	2.8
Firearms.....	2,344	2,406	2,380	1,982	1,806	1.2	1.2	1.1	.9	.8
Accidental poisoning by—										
Drugs and medicines.....	(NA)	2,505	3,132	2,214	1,906	(NA)	1.2	1.5	1.0	.9
Other solid and liquid substances.....	2,110	1,174	1,562	1,160	1,129	1.1	.6	.7	.5	.5
Gases and vapors.....	1,526	1,620	1,577	1,596	1,737	.8	.8	.7	.7	.8
Complications due to medical procedures.....	1,494	3,581	3,184	3,107	3,076	.9	1.8	1.5	1.4	1.4
Inhalation and ingestion of objects.....	1,836	2,753	3,106	3,037	3,063	.8	1.4	1.5	1.4	1.4
Industrial type accidents.....	(NA)	5,968	5,495	5,271	5,168	(NA)	2.9	2.6	2.4	2.4
Electric current.....	1,071	1,140	1,224	1,183	984	.6	.6	.6	.5	.5
Explosive material.....	(³)	530	369	439	361	(³)	.3	.2	.2	.2
Hot substances, corrosive liquids ⁴	420	275	209	181	202	.2	.1	.1	.1	.1
Cutting or piercing instrument.....	(³)	152	140	127	142	(³)	.1	.1	.1	.1
Other.....	(³)	3,871	3,533	3,341	3,479	(³)	1.9	1.7	1.5	1.6
All other accidents.....	10,921	5,591	5,149	5,458	5,475	5.6	2.8	2.4	2.5	2.5

NA Not available. ¹ For 1970, per 100,000 resident population as of Apr. 1; other years, per 100,000 population estimated as of July 1. ² Data not comparable with later years due to change in classification. ³ Not available separately because of change in classification; included in "All other accidents." ⁴ Includes accidents caused by radiation.

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

NO. 120. CATASTROPHIC ACCIDENTS AND DEATHS, BY TYPE OF ACCIDENT: 1941 TO 1980

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

TYPE OF ACCIDENT	ACCIDENTS					DEATHS				
	1941-1950	1951-1960	1961-1970	1971-1979	1980, prel.	1941-1950	1951-1960	1961-1970	1971-1979	1980, prel.
All types.....	1,050	1,483	1,340	868	56	13,251	13,790	12,513	9,431	659
Motor vehicle.....	292	666	561	212	8	1,985	4,037	3,553	1,403	62
Percent of total.....	27.8	44.9	41.9	24.4	14.3	15.0	29.3	28.4	14.9	9.4
Bus.....	59	32	31	16	1	539	264	313	172	20
Collision with railroad train.....	12	5	5	4	-	139	35	90	26	-
Motor vehicle other than bus.....	233	634	530	196	7	1,446	3,773	3,240	1,231	42
Collision with railroad train.....	69	94	55	16	1	431	574	346	103	7
Air transportation ¹	88	112	176	168	10	1,371	2,133	2,668	2,379	77
Water transportation.....	89	82	45	29	2	1,012	719	416	379	58
Railroad ²	45	24	6	6	-	861	369	52	85	-
Fire and explosion.....	330	420	420	315	21	4,529	3,099	3,090	2,435	245
Percent of total.....	31.4	28.3	31.3	36.3	37.5	34.3	22.5	24.7	25.8	37.2
Dwellings, apartments.....	166	312	322	209	14	1,034	1,917	1,969	1,237	104
Hotels, boarding houses, rooming houses.....	36	24	25	30	3	515	175	243	273	113
Institutions ³	16	17	12	19	-	281	254	200	199	-
Places of amusement.....	5	2	3	2	-	679	26	99	202	-
Other.....	107	65	58	55	4	2,020	727	579	524	28
Tornadoes, floods, hurricanes, etc.....	111	98	80	91	12	2,292	2,682	2,010	2,134	202
Mines and quarries.....	53	22	15	8	1	870	339	298	156	5
All other.....	42	59	37	39	2	331	412	226	460	10

- Represents zero. ¹ Accidents occurring within U.S. only. ² Collisions of railroad trains with motor vehicles are classified as motor vehicle accidents. ³ Homes for aged and convalescent, hospitals, etc.

Source: Metropolitan Life Insurance Company, New York, N.Y., *Statistical Bulletin*, March 1977; and unpublished data.

NO. 121. SUICIDES, BY METHOD USED: 1960 TO 1978

[Beginning 1970, excludes deaths of nonresidents of the United States. Prior to 1970, causes of death classified according to seventh revision of *International Classification of Diseases*; thereafter, to eighth revision. See also *Historical Statistics, Colonial Times to 1970*, series H 979-986]

ITEM	MALE						FEMALE					
	1960	1970	1975	1976	1977	1978	1960	1970	1975	1976	1977	1978
Total	14,539	16,629	19,622	19,493	21,109	20,188	4,502	6,851	7,441	7,339	7,572	7,106
Firearms ¹	7,879	9,704	12,185	12,128	13,342	12,830	1,138	2,068	2,688	2,600	2,742	2,557
Percent of total	54.2	58.4	62.1	62.2	63.2	63.6	25.3	30.2	36.1	35.4	36.2	36.0
Poisoning ²	2,631	3,299	3,297	3,076	3,340	3,105	1,699	3,285	3,129	3,068	3,147	2,912
Hanging and strangulation ³ ..	2,576	2,422	2,815	2,834	2,982	2,759	790	831	846	855	848	753
Other	1,453	1,204	1,325	1,455	1,445	1,494	875	667	778	816	835	884

¹ Includes explosives. ² Includes solids, liquids, and gases. ³ Includes suffocation.

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

NO. 122. SUICIDE RATES, BY SEX, RACE, AND AGE GROUP: 1970 TO 1978

[Rates per 100,000 population in specified group. Excludes deaths of nonresidents of U.S.]

AGE	MALE								FEMALE							
	White				Black				White				Black			
	1970	1975	1977	1978	1970	1975	1977	1978	1970	1975	1977	1978	1970	1975	1977	1978
All ages ¹	18.0	20.1	21.4	20.2	8.0	10.0	10.7	10.8	7.1	7.4	7.3	6.9	2.6	2.7	3.0	2.8
5-14 years	.5	.8	1.0	.7	.1	.1	.3	.3	.2	.2	.2	.2	.2	.1	.2	.2
15-24 years	13.9	19.6	22.9	20.8	10.5	12.9	13.3	13.4	4.2	4.9	5.5	5.0	3.8	3.3	3.8	2.7
25-34 years	19.9	24.4	26.7	25.8	19.2	24.3	26.3	24.4	9.0	8.9	9.3	8.5	5.7	5.6	6.2	5.6
35-44 years	23.3	24.5	24.7	22.5	12.6	16.0	14.8	16.9	13.0	12.6	11.2	10.9	3.7	3.9	4.8	4.6
45-54 years	29.5	29.7	27.3	24.7	13.8	12.1	11.5	13.8	13.5	13.8	13.6	12.1	3.7	4.0	4.0	4.2
55-64 years	35.0	32.1	30.9	29.3	10.6	10.8	12.6	10.2	12.3	11.7	11.2	10.3	2.0	3.5	3.5	3.2
65 and over	41.1	39.4	41.3	40.8	8.7	11.3	11.1	11.7	8.5	8.5	8.3	7.9	2.6	2.3	1.6	2.3

¹ Includes other age groups not shown separately.

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

NO. 123. SUICIDE RATES FOR SELECTED COUNTRIES, BY SEX AND AGE GROUP: 1975 AND 1979

[Rate per 100,000 population. Includes deaths resulting indirectly from self-inflicted injuries]

COUNTRY	MALE						FEMALE					
	1975, total	1979					1975, total	1979				
		Total ¹	15-24 yr.	25-44 yr.	45-64 yr.	65 and over		Total ¹	15-24 yr.	25-44 yr.	45-64 yr.	65 and over
U.S. ²	18.9	19.0	20.0	24.0	25.3	38.0	6.8	6.3	4.7	8.9	10.5	7.4
Australia	15.2	16.6	18.1	23.2	25.5	21.7	7.0	6.7	5.7	8.2	12.7	8.5
Austria	35.5	36.7	32.4	38.5	55.1	76.0	13.9	14.7	6.3	14.0	23.0	27.6
Belgium ²	21.1	22.1	11.4	19.0	33.3	65.6	11.5	11.4	3.8	10.6	19.9	22.2
Canada ²	17.2	21.2	28.7	27.4	29.4	27.0	6.4	7.3	5.8	9.6	14.1	7.9
Denmark	29.9	31.8	15.2	41.2	55.1	46.8	18.4	19.8	5.7	19.7	41.0	29.3
France ²	22.9	23.3	13.9	23.7	36.4	59.1	9.0	9.9	5.2	9.7	15.1	20.6
Germany, Fed. Rep. ²	27.8	30.1	23.8	34.9	42.0	56.6	14.6	15.1	9.6	13.6	22.6	26.6
Ireland ²	6.6	6.0	5.6	10.1	9.6	8.1	2.8	3.3	2.2	6.2	6.0	3.1
Israel ² ³	9.6	6.6	6.3	8.4	10.7	21.0	7.1	4.7	4.4	4.2	9.3	15.0
Japan	21.4	22.6	19.8	27.4	31.7	52.4	14.6	13.6	9.8	12.4	17.0	44.8
Netherlands	10.8	11.8	6.2	13.4	20.7	27.8	7.0	9.1	2.7	9.8	17.7	18.0
Norway	14.2	17.2	15.5	20.7	29.6	22.6	5.6	7.1	5.3	8.8	12.9	7.9
Poland ²	19.3	22.8	20.4	32.4	37.2	27.6	3.7	4.2	4.5	4.3	7.2	6.1
Spain ²	5.9	6.1	2.8	4.6	11.6	22.3	2.0	2.1	1.2	1.7	3.5	6.1
Sweden	27.7	28.3	16.6	34.5	42.3	45.4	11.2	12.9	8.5	16.1	19.7	16.5
Switzerland	32.5	34.5	31.0	39.2	50.6	59.4	12.9	15.4	13.2	16.3	24.3	22.2
United Kingdom ⁴	9.1	10.7	6.6	13.8	16.0	18.9	6.0	6.5	2.6	5.9	11.9	10.7

¹ Includes other age groups not shown separately.

² 1979 data not available. 1978 data shown for U.S., Israel, Poland and Germany; 1977 data shown for Canada, France, Ireland, and Spain; 1976 data shown for Belgium.

³ Jewish population.

⁴ England and Wales only.

Source: World Health Organization, Geneva, Switzerland, *World Health Statistics*, annual; and unpublished data.

NO. 124. MARRIAGES AND DIVORCES: 1950 TO 1979

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

MARRIAGE AND DIVORCE	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978	1979
MARRIAGES											
Total (1,000).....	1,667	1,531	1,523	1,800	2,159	2,230	2,153	2,155	2,178	¹ 2,282	¹ 2,331
Rate per 1,000 population.....	11.1	9.3	8.5	9.3	10.6	10.5	10.1	10.0	10.1	¹ 10.5	¹ 10.6
Rate per 1,000 unmarried women:											
15-44 years old.....	166.4	161.1	148.0	144.3	140.2	128.4	118.5	113.4	109.8	¹ 109.1	¹ 107.9
15 years old and over.....	90.2	80.9	73.5	75.0	76.5	72.0	66.9	65.2	63.6	¹ 64.1	¹ 63.6
First marriage of bride ² (1,000).....	(NA)	(NA)	664	1,043	1,252	1,271	1,191	1,163	1,147	1,174	1,214
Rate per 1,000 single women:											
14 years old and over.....	62.1	(NA)	87.5	84.4	82.9	74.8	68.1	64.8	62.7	62.1	62.1
18-19 years.....	(NA)	(NA)	208.4	166.9	151.4	133.5	115.0	105.1	99.6	95.6	91.7
20-24 years.....	(NA)	(NA)	263.9	237.3	220.1	159.5	143.8	133.4	125.6	123.0	121.9
25-44 years.....	(NA)	(NA)	96.4	82.5	85.7	81.7	81.8	78.6	77.1	77.1	76.8
45-64 years.....	(NA)	(NA)	(NA)	9.0	8.8	9.6	9.2	9.3	8.6	7.9	7.8
Median age at first marriage: ²											
Male (years).....	³ 22.8	³ 22.6	³ 22.8	22.5	22.5	22.5	22.7	22.9	23.0	23.2	23.4
Female (years).....	³ 20.3	³ 20.2	³ 20.3	20.4	20.6	20.6	20.8	21.0	21.1	21.4	21.6
Remarriages of bride ² (1,000).....	(NA)	(NA)	197	305	393	494	510	518	532	548	582
Rate per 1,000 widowed and divorced:											
14 years old and over.....	(NA)	(NA)	32.7	33.7	36.6	40.0	40.1	39.7	40.0	40.0	40.8
14-24 years.....	(NA)	(NA)	407.7	471.0	317.6	332.1	319.9	324.4	323.5	321.5	312.6
25-44 years.....	(NA)	(NA)	139.6	142.3	147.3	144.5	143.2	129.0	126.8	126.8	127.5
45-64 years.....	(NA)	(NA)	22.0	24.5	24.8	24.4	23.5	23.5	22.1	21.9	21.0
Median age at remarriage: ²											
Male (years).....	(NA)	(NA)	(NA)	39.6	37.5	35.7	35.5	35.1	34.9	35.1	35.3
Female (years).....	(NA)	(NA)	(NA)	35.5	33.3	32.1	32.0	31.7	31.4	31.5	31.9
DIVORCES⁴											
Total (1,000).....	385	377	393	479	708	977	1,036	1,083	1,091	1,130	1,181
Rate per 1,000 population.....	2.6	2.3	2.2	2.5	3.5	4.6	4.9	5.0	5.0	5.2	5.4
Rate per 1,000 married women, 15 yr. old and over.....	10.3	9.3	9.2	10.6	14.9	19.3	20.3	21.1	21.1	21.9	22.8
Median duration of marriage ⁵ (years).....	5.8	6.4	7.1	7.2	6.7	6.5	6.5	6.5	6.6	6.6	6.8
Median age at divorce after 1st marriage: ⁶											
Male (years).....	(NA)	(NA)	(NA)	(NA)	30.5	30.3	30.2	30.3	30.6	30.7	31.0
Female (years).....	(NA)	(NA)	(NA)	(NA)	27.9	28.1	28.1	28.2	28.4	28.4	28.7
Children involved in divorces ⁵ (1,000).....	(NA)	347	463	630	870	1,099	1,123	1,117	1,095	1,147	1,181
Avg. number of children involved.....	(NA)	.92	1.18	1.32	1.22	1.12	1.08	1.03	1.00	1.01	1.00

NA Not available. ¹Includes 37,462 nonlicensed marriages registered in California for 1978 and 41,961 for 1979. ²Number of States reporting: 1960, 33, including New York but excluding New York City; 1965, 38; 1970, 39; 1974-1978, 41; and 1979, 42. Beginning 1965, includes D.C. ³Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 349. ⁴Includes annulments. ⁵Number of States reporting: 1950, 16; 1955, 23; 1960, 18; 1965, 22; 1970 and 1978, 28; 1974-77, 29; and 1979, 30. ⁶Number of States reporting: 1970, 27; 1974-78, 28; and 1979, 30. Median age computed on grouped ages.

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

NO. 125. FIRST MARRIAGES, DIVORCES, AND REMARRIAGES FOR WOMEN: 1930 TO 1977

[Numbers in thousands. Figures represent annual averages. Noninstitutional population excluding members of the Armed Forces living in barracks]

PERIOD	FIRST MARRIAGES		DIVORCES		REMARRIAGES		PERIOD	FIRST MARRIAGES		DIVORCES		REMARRIAGES	
	Number	Rate ¹	Number	Rate ²	Number	Rate ³		Number	Rate ¹	Number	Rate ²	Number	Rate ³
1930-1932.....	919	81	183	10	138	61	1954-1956.....	1,182	120	379	15	353	129
1933-1935.....	1,081	92	198	11	162	69	1957-1959.....	1,128	112	381	15	359	129
1936-1938.....	1,183	98	243	13	201	83	1960-1962.....	1,205	112	407	16	345	119
1939-1941.....	1,312	106	269	14	254	103	1963-1965.....	1,311	109	452	17	415	143
1942-1944.....	1,247	108	360	17	354	139	1966-1968.....	1,440	107	535	20	511	166
1945-1947.....	1,540	143	525	24	425	163	1969-1971.....	1,649	109	702	26	515	152
1948-1950.....	1,326	134	397	17	360	135	1972-1974.....	1,662	103	907	32	601	151
1951-1953.....	1,190	122	368	16	370	136	1975-1977.....	1,508	85	1,070	37	646	134

¹ Per 1,000 single women 14 to 44 years old. ² Per 1,000 married women 14-44 years old. ³ Per 1,000 widowed and divorced women 14-54 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 100.

NO. 126. MARRIAGES—NUMBER AND RATE, BY STATES: 1965 TO 1979

[By place of occurrence]

STATE	NUMBER (1,000)						RATE PER 1,000 POPULATION ¹					
	1965	1970	1975	1977	1978	1979	1965	1970	1975	1977	1978	1979
U.S.	1,800.2	2,159.0	2,152.7	2,178.4	² 2,282.3	² 2,331.3	9.3	10.6	10.1	10.1	² 10.5	² 10.6
N.E.	86.5	105.4	96.8	97.3	99.7	104.1	7.8	8.9	7.9	7.9	8.1	8.5
Maine.....	8.7	11.0	11.2	11.4	11.7	11.9	8.8	11.0	10.6	10.5	10.7	10.9
N.H.....	9.0	10.0	8.8	8.9	9.1	9.1	13.4	13.6	10.8	10.5	10.5	10.2
Vt.....	3.6	4.5	4.6	4.8	4.8	5.2	9.0	10.2	9.7	9.9	9.9	10.5
Mass.....	37.9	47.4	42.1	41.9	42.9	45.1	7.1	8.3	7.2	7.3	7.4	7.8
R.I.....	6.3	7.5	6.7	7.1	7.3	7.4	7.1	7.9	7.2	7.6	7.8	7.9
Conn.....	21.0	25.0	23.4	23.1	24.0	25.4	7.4	8.2	7.6	7.4	7.7	8.2
M.A.	260.0	312.4	287.4	275.3	282.5	290.8	7.1	8.4	7.7	7.4	7.7	7.9
N.Y.....	133.5	161.2	142.8	133.8	136.8	142.4	7.4	8.9	7.9	7.5	7.7	8.1
N.J.....	46.3	56.6	53.0	50.7	53.0	54.7	6.8	7.9	7.2	6.9	7.2	7.5
Pa.....	80.2	94.5	91.7	90.8	92.7	93.7	6.9	8.0	7.8	7.7	7.9	8.0
E.N.C.	339.3	384.8	387.4	387.4	394.2	396.8	8.9	9.6	9.5	9.4	9.6	9.6
Ohio.....	79.0	90.1	101.1	99.4	103.8	99.8	7.7	8.5	9.4	9.3	9.7	9.3
Ind.....	49.7	55.2	56.1	56.4	58.1	59.6	10.2	10.6	10.6	10.6	10.8	11.0
Ill.....	101.0	115.5	111.5	108.1	105.9	108.5	9.5	10.4	10.0	9.8	9.4	9.7
Mich.....	81.2	89.7	82.9	86.1	88.3	89.5	9.8	10.1	9.0	9.4	9.6	9.7
Wis.....	28.4	34.4	35.9	37.4	38.2	³ 39.6	6.9	7.8	7.8	8.0	8.2	³ 8.4
W.N.C.	131.0	160.5	161.9	164.6	168.4	171.5	8.3	9.8	9.7	9.8	9.9	10.0
Minn.....	26.5	31.3	32.3	33.0	33.5	³ 36.8	7.4	8.2	8.2	8.3	8.3	³ 9.1
Iowa.....	20.2	24.6	25.6	26.4	26.0	27.9	7.3	8.7	8.9	9.2	9.6	9.6
Mo.....	40.2	50.1	50.1	52.1	52.9	53.0	8.9	10.7	10.5	10.9	10.9	10.9
N. Dak.....	4.9	5.3	6.0	5.7	5.7	6.0	7.6	8.6	9.4	8.7	8.7	9.2
S. Dak.....	8.3	11.0	11.1	10.4	10.6	9.0	12.1	16.6	16.2	15.0	15.4	13.0
Nebr.....	12.1	15.7	13.1	13.4	13.7	14.1	8.3	10.6	8.5	8.6	8.7	8.9
Kans.....	18.8	22.4	23.8	23.7	24.0	24.8	8.4	10.0	10.5	10.2	10.2	10.5
S.A.	311.7	371.0	366.6	380.8	390.5	401.9	10.8	12.1	10.9	11.1	11.3	11.5
Del.....	3.1	4.3	3.9	4.0	4.3	4.4	6.2	7.8	6.8	6.9	7.4	7.5
Md.....	47.3	52.2	44.8	45.1	45.0	45.9	13.4	13.3	10.9	10.9	10.9	11.1
D.C.....	9.2	7.3	4.9	4.6	4.6	4.9	11.4	9.6	6.9	6.7	6.9	7.4
Va.....	46.0	52.0	54.7	57.8	59.0	58.7	10.4	11.2	11.0	11.3	11.4	11.3
W. Va.....	14.2	15.9	17.0	17.5	17.3	17.7	7.8	9.1	9.5	9.4	9.3	9.4
N.C.....	40.7	48.3	42.3	43.5	43.9	45.1	8.2	9.5	7.8	7.9	7.9	8.0
S.C.....	46.3	57.9	50.2	51.3	53.0	53.5	18.2	22.3	17.8	17.8	18.2	18.2
Ga.....	55.5	63.9	63.2	67.4	68.2	68.5	12.6	13.9	12.8	13.3	13.4	13.4
Fla.....	49.4	69.2	85.4	89.6	95.3	103.2	8.5	10.2	10.2	10.6	11.0	11.7
E.S.C.	132.1	154.9	155.2	⁴ 160.1	⁴ 165.8	169.2	10.3	12.1	11.5	⁴ 11.6	⁴ 11.9	12.0
Ky.....	⁵ 28.3	36.3	32.1	⁴ 32.2	⁴ 33.3	34.0	⁵ 9.9	11.3	9.4	⁴ 9.3	⁴ 9.5	9.6
Tenn.....	40.1	45.4	51.5	55.3	57.5	59.2	10.4	11.6	12.3	12.9	13.3	13.5
Ala.....	40.4	47.0	45.3	45.7	47.7	48.7	11.6	13.6	12.5	12.4	12.8	12.9
Miss.....	23.3	26.3	26.3	26.8	27.3	27.3	10.1	11.9	11.2	11.2	11.3	11.2
W.S.C.	192.2	237.2	254.9	264.4	276.5	284.5	10.4	12.3	12.2	12.2	12.5	12.7
Ark.....	19.2	23.3	24.3	24.0	25.1	25.9	9.9	12.1	11.5	11.2	11.6	11.9
La.....	29.0	35.4	37.3	38.6	39.9	41.3	8.1	9.7	9.8	9.9	10.0	10.3
Okla.....	32.6	39.0	40.1	42.1	43.7	44.5	13.3	15.2	14.8	15.0	15.4	15.4
Tex.....	111.5	139.5	153.2	159.6	167.8	172.8	10.5	12.5	12.5	12.4	12.9	12.9
Mt.	⁵ 157.9	187.5	212.0	219.5	234.5	227.0	⁵ 20.5	22.6	22.0	21.9	22.6	21.3
Mont.....	4.7	6.9	7.3	7.5	8.1	8.2	6.7	10.0	9.8	9.9	10.4	10.4
Idaho.....	15.9	10.9	12.7	13.7	13.6	13.4	22.9	15.3	15.5	16.0	15.4	14.8
Wyo.....	3.6	4.5	5.6	6.0	6.3	6.5	10.9	13.5	15.1	14.8	14.8	14.4
Colo.....	⁵ 18.7	25.0	27.6	30.1	31.1	32.8	⁵ 9.6	11.3	10.9	11.5	11.5	11.8
N. Mex.....	⁵ 13.2	12.4	⁵ 15.8	⁵ 16.4	⁵ 16.6	⁵ 16.3	⁵ 13.0	12.2	⁵ 13.8	⁵ 13.8	⁵ 13.6	⁵ 13.1
Ariz.....	12.1	18.5	26.6	27.0	27.7	29.6	7.7	10.4	11.9	11.7	11.7	12.1
Utah.....	8.7	11.7	14.9	15.1	16.4	16.7	8.8	11.0	12.4	11.9	12.4	12.2
Nev.....	⁵ 81.0	97.6	101.6	103.7	114.6	103.5	⁵ 186.7	199.7	171.6	163.8	172.1	147.4
Pac.	189.3	245.0	230.3	229.0	² 270.2	² 285.5	7.8	9.2	8.2	7.8	² 9.0	² 9.4
Wash.....	⁴ 31.5	41.3	41.8	43.8	45.2	47.1	⁴ 10.6	12.1	11.8	12.0	11.9	12.0
Oreg.....	13.3	17.3	19.3	20.3	21.1	22.1	6.8	8.3	8.4	8.5	8.6	8.7
Calif.....	136.1	172.4	154.8	149.4	² 188.1	² 199.7	7.4	8.6	7.3	6.8	² 8.4	² 8.8
Alaska.....	2.4	3.4	4.7	5.1	5.1	5.0	9.0	11.2	13.4	12.6	12.4	12.3
Hawaii.....	6.1	10.6	9.7	10.3	10.7	11.7	8.6	13.8	11.2	11.5	11.9	12.8

¹ Based on total population residing in area; population enumerated as of Apr. 1 for 1970, estimated as of July 1 for all other years. ² Includes 37,462 nonlicensed marriages registered in California for 1978, and 41,961 for 1979. ³ Estimated.

⁴ Incomplete. ⁵ Marriage licenses.

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

NO. 127. DIVORCES AND ANNULMENTS—NUMBER AND RATE, BY STATES: 1965 TO 1979

[By place of occurrence]

STATE	NUMBER (1,000)						RATE PER 1,000 POPULATION ¹					
	1965	1970	1975	1977	1978	1979	1965	1970	1975	1977	1978	1979
U.S. ²	479.0	708.0	1,036.0	1,091.0	1,130.0	1,181.0	2.5	3.5	4.9	5.0	5.2	5.4
N.E.	17.5	25.8	43.2	44.4	45.4	49.0	1.6	2.2	3.5	3.6	3.7	4.0
Maine	2.5	3.9	5.5	5.7	6.2	6.2	2.6	3.9	5.2	5.2	5.7	5.6
N.H.	1.6	2.4	4.2	4.4	4.7	5.2	2.3	3.3	5.2	5.2	5.4	5.9
Vt.	.6	1.0	1.9	2.1	2.1	2.3	1.5	2.3	4.1	4.4	4.2	4.6
Mass.	7.8	11.0	16.6	16.5	16.2	17.5	1.5	1.9	2.8	2.9	2.8	3.0
R.I.	1.2	1.7	2.7	3.4	3.5	3.6	1.3	1.8	2.9	3.7	3.7	3.9
Conn.	3.7	5.8	12.2	12.2	12.8	14.1	1.3	1.9	4.0	3.9	4.1	4.5
M.A.	30.4	59.9	110.0	114.2	122.9	127.8	.8	1.6	3.0	3.1	3.3	3.5
N.Y.	8.2	26.4	55.6	55.8	58.0	64.4	.5	1.4	3.1	3.1	3.3	3.7
N.J.	5.6	10.8	19.4	20.5	26.6	23.5	.8	1.5	2.7	2.8	3.6	3.2
Pa.	16.6	22.6	35.0	37.9	38.3	39.8	1.4	1.9	3.0	3.2	3.3	3.4
E.N.C.	³ 94.5	⁴ 129.8	⁴ 186.2	⁴ 197.3	211.0	214.7	³ 2.5	(s)	(s)	⁴ 4.8	5.1	5.2
Ohio	25.8	39.3	52.6	57.3	59.2	59.5	2.5	3.7	4.9	5.4	5.5	5.5
Ind.	³ 18.5	⁴ 15.2	⁴ 28.8	⁴ 33.3	⁴ 40.3	⁴ 41.6	³ 3.8	(s)	(s)	⁴ 6.3	⁵ 7.5	⁵ 7.7
Ill.	24.7	36.5	51.0	49.0	50.3	52.1	2.3	3.3	4.6	4.4	4.5	4.6
Mich.	20.3	30.0	40.8	43.0	45.0	44.1	2.4	3.4	4.5	4.7	4.9	4.8
Wis.	5.2	8.9	13.1	14.6	16.1	17.2	1.3	2.0	2.8	3.1	3.4	3.6
W.N.C.	33.4	48.2	70.1	73.3	75.1	77.8	2.1	3.0	4.2	4.3	4.4	4.5
Minn.	4.9	8.3	13.2	14.0	14.4	³ 14.9	1.4	2.2	3.4	3.5	3.6	³ 3.7
Iowa.	5.3	7.2	10.3	10.9	11.1	11.4	1.9	2.5	3.6	3.8	3.8	3.9
Mo.	13.2	17.9	24.5	25.2	26.3	27.7	2.9	3.8	5.1	5.3	5.4	5.7
N. Dak.	.7	1.0	1.7	2.0	2.1	2.1	1.1	1.6	2.7	3.0	3.2	3.2
S. Dak.	1.0	1.4	2.2	2.4	2.4	2.7	1.5	2.0	3.3	3.5	3.5	3.9
Neb.	2.5	3.7	5.6	6.1	6.1	6.3	1.7	2.5	3.6	3.9	3.9	4.0
Kans.	5.8	8.8	12.6	12.6	12.7	12.7	2.6	3.9	5.5	5.4	5.4	5.4
S.A.	⁴ 73.3	106.1	174.8	183.0	191.4	202.4	⁴ 2.6	3.5	5.2	5.3	5.5	5.8
Del.	.7	1.7	2.8	3.0	3.3	3.1	1.5	3.2	4.8	5.2	5.7	5.3
Md.	7.0	9.3	15.4	16.6	16.5	16.9	2.0	2.4	3.8	4.0	4.0	4.1
D.C.	1.3	2.3	3.8	3.2	3.4	4.5	1.7	3.0	5.3	4.6	5.1	6.8
Va.	8.9	11.9	19.5	21.5	22.7	23.6	2.0	2.6	3.9	4.2	4.4	4.5
W. Va.	3.9	5.6	8.6	9.6	9.7	10.0	2.1	3.2	4.8	5.2	5.2	5.3
N.C.	11.2	13.7	22.1	25.0	26.6	27.4	2.3	2.7	4.1	4.5	4.8	4.9
S.C.	3.0	5.8	9.7	10.7	11.9	13.7	1.2	2.3	3.4	3.7	4.1	4.7
Ga.	⁴ 12.0	18.6	29.5	31.0	31.6	33.4	⁴ 2.7	4.1	6.0	6.1	6.2	6.5
Fla.	25.3	37.2	63.4	62.4	65.8	69.7	4.4	5.5	7.6	7.4	7.6	7.9
E.S.C.	36.2	50.6	74.4	79.5	⁴ 80.5	⁴ 85.9	2.8	4.0	5.5	5.7	⁴ 5.8	⁴ 6.1
Ky.	8.3	10.7	14.5	15.5	⁴ 13.8	⁴ 16.0	2.6	3.3	4.3	4.5	⁴ 3.9	⁴ 4.5
Tenn.	11.1	16.6	24.6	27.4	28.4	29.7	2.9	4.1	5.9	6.4	6.6	6.8
Ala.	11.0	15.1	23.0	23.8	25.1	26.5	3.2	4.4	6.4	6.4	6.7	7.0
Miss.	5.7	8.2	12.3	12.8	13.3	³ 13.6	2.5	3.7	5.2	5.3	5.5	³ 5.6
W.S.C. ⁴	64.4	82.7	122.8	136.2	141.4	150.7	(s)	(s)	(s)	(s)	6.4	6.7
Ark.	6.6	⁴ 9.3	⁴ 16.7	⁴ 19.2	20.0	⁴ 20.3	3.4	⁴ 4.8	⁴ 7.9	⁴ 9.0	9.2	⁴ 9.3
La. ⁴	4.6	5.1	8.7	12.9	13.2	15.2	(s)	(s)	(s)	(s)	3.3	3.8
Okla.	11.9	⁴ 16.8	20.6	21.8	22.4	22.8	4.8	⁵ 6.6	7.6	7.8	7.9	7.9
Tex.	41.3	51.5	76.7	82.3	85.8	92.4	3.9	4.6	6.3	6.4	6.6	6.9
Mt.	⁴ 38.1	⁴ 49.0	70.7	77.3	78.2	80.9	⁴ 5.0	⁴ 5.9	7.3	7.7	7.5	7.6
Mont.	2.0	3.0	4.3	4.7	4.9	5.1	2.8	4.4	5.7	6.2	6.3	6.5
Idaho	2.9	3.6	5.2	6.0	6.4	6.4	4.1	5.1	6.3	7.0	7.2	7.1
Wyo.	1.4	1.8	2.8	3.1	3.1	3.5	4.3	5.4	7.6	7.6	7.4	7.8
Colo.	³ 6.7	10.4	15.7	20.6	16.6	16.5	³ 3.4	4.7	6.2	7.8	6.9	6.0
N. Mex.	⁴ 3.7	⁴ 4.4	8.4	9.1	9.6	10.0	³ 3.6	⁴ 4.3	7.3	7.7	7.9	8.0
Ariz.	8.6	⁶ 12.7	17.6	16.6	17.3	20.0	5.4	⁶ 7.2	7.9	7.2	7.3	8.2
Utah.	2.9	3.9	6.1	6.9	7.1	7.6	2.9	3.7	5.1	5.5	5.4	5.6
Nev.	10.0	9.1	10.5	10.3	11.2	11.8	23.0	18.7	17.8	16.2	16.8	16.8
Pac.	89.9	144.7	177.0	183.4	184.6	190.8	3.7	5.5	6.3	6.3	6.2	6.3
Wash.	11.5	17.9	25.8	26.7	26.5	27.0	3.9	5.2	7.3	7.3	7.0	6.9
Oreg.	6.2	9.6	15.6	16.4	17.0	17.6	3.2	4.6	6.8	6.9	6.9	7.0
Calif.	69.9	112.9	128.5	132.2	132.9	137.7	3.8	5.7	6.1	6.0	6.0	6.1
Alaska	1.1	1.7	2.9	3.6	3.5	3.5	4.2	5.6	8.1	8.8	8.4	8.6
Hawaii	1.1	2.6	4.3	4.6	4.8	5.1	1.6	3.4	4.9	5.1	5.4	5.5

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

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



Section 3

Immigration and Naturalization

This section presents statistics related to immigration, naturalization, and alien registration. The principal source is the *Annual Report of the Immigration and Naturalization Service*, published by the Immigration and Naturalization Service (INS), a unit of the Department of Justice. Immigration statistics are prepared from entry visas and change of immigration status forms. Statistics for naturalization are compiled from periodic reports by Federal courts and specially designated State courts conducting such proceedings. Alien registration data are compiled from alien address report cards.

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

Immigrants.—Immigrants are nonresident aliens (i.e., non U.S. citizens) admitted to the U.S. for permanent residence (one year or longer). The category includes persons who may have entered the U.S. as nonimmigrants or refugees, but who subsequently changed their status to that of a permanent resident. Generally, a 2-year time lag exists between the time persons are shown in data as nonimmigrants and the time they may be included as immigrants. A large increase of immigrants admitted to the U.S. in one year may have been due to an influx of refugees two or three years earlier. Thus, immigrants as measured in this section do not equal net civilian immigration as shown in table 3.

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

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

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

The Act of 1965, which became fully effective in July 1968, abolished the quota system and set up an annual numerical limitation of 170,000 immigrants from the Eastern Hemisphere, with no more than 20,000 immigrants to come from any one country; a numerical limitation of 120,000 per year was imposed on Western Hemisphere immigration, which had previously been unrestricted. The 1965 Act thereby gave persons from every country within each hemisphere an equal chance to immigrate to the United States. After 1968 immigrants were classified as those subject to numerical limitations of the Eastern Hemisphere and of the Western Hemisphere, and those exempt from numerical limitations (see table 129). Those exempt include immediate relatives of U.S. citizens and various classes of special immigrants.

For immigrants subject to numerical limitations, numbers are allocated on a basis of seven preference categories, four of which provide for reunion of families of U.S. citizens and resident aliens, two for specified workers needed in the United States, and one for refugees. Numbers not used by these seven preferences are then available to qualified nonpreference immigrants. From 1968 to December 1976 preference classifications were applied only to immigrants from the Eastern Hemisphere. Beginning 1977 Western Hemisphere immigrants were also subject to preference and non-preference classifications. Effective October 1978 the separate hemisphere limits were abolished in favor of a worldwide limit of 290,000.

Displaced persons and refugees.—The Displaced Persons Act of 1948 was the first of a number of special acts passed to provide for the admission of refugees from Communist-dominated countries, victims of natural calamities, and orphans without regard to quotas or the numerical ceilings specified above.

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

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

Alien registration.—All aliens in the United States on January 1 must report their current address each year to the U.S. Attorney General during January.

Naturalization.—Prior to 1907 each Federal court and each specially designated State court which conducted naturalization proceedings kept records of naturalizations but no national data were compiled. The Act of June 1906 provided for periodic returns by all courts conducting naturalization proceedings, and for the filing with a central Federal agency of a duplicate copy of each declaration of intention and petition for naturalization filed, and of each certificate of naturalization issued.

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

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

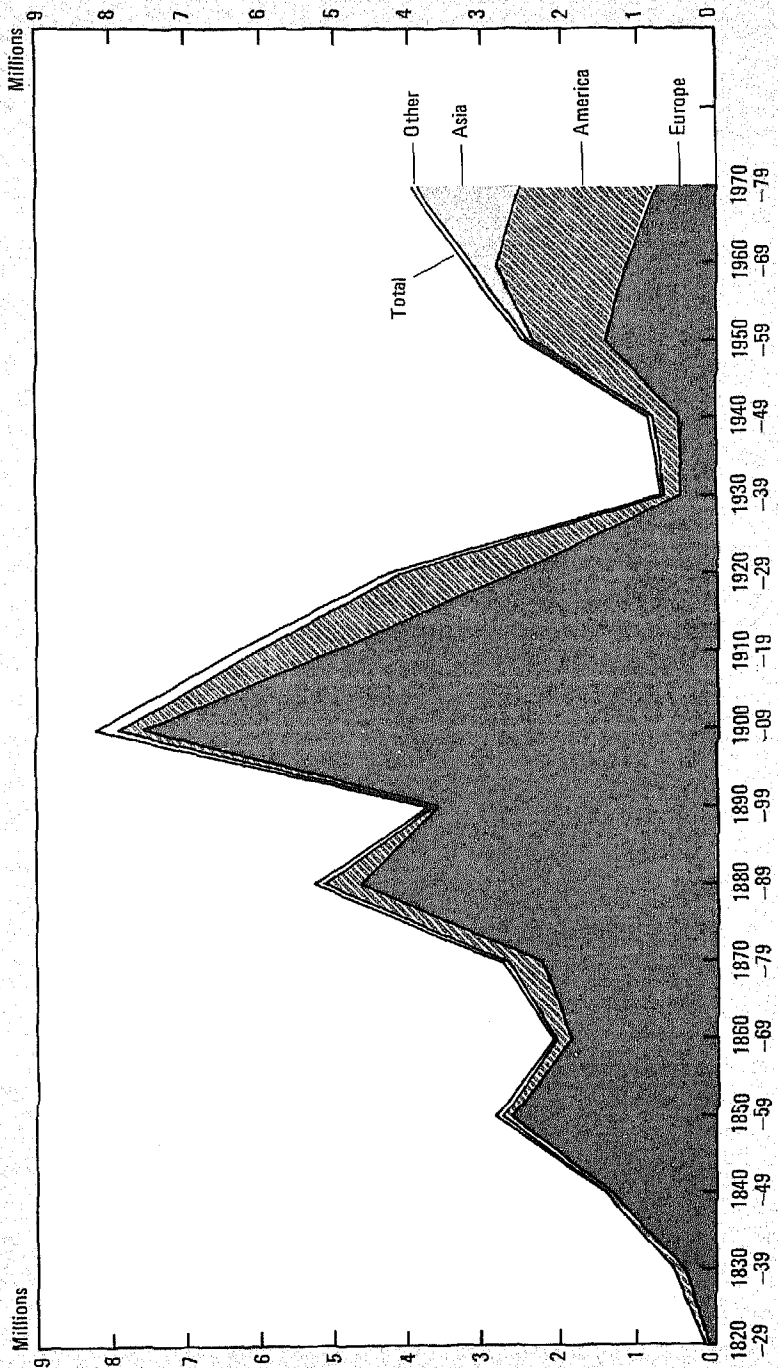
NO. 128. IMMIGRATION: 1820 TO 1979

[In thousands, except rate. Through 1976, for years ending June 30, except as noted; beginning 1977, ending Sept. 30. For definition of immigrants, see text, pp. 83-84. For 1820-1867, alien passengers arriving; 1868-1891 and 1895-1897, immigrants arriving; 1892-1894 and 1898 to the present, immigrants admitted. Rates based on Bureau of the Census estimates as of July 1 for resident population through 1929, and for total population thereafter (excluding Alaska and Hawaii prior to 1959). See also *Historical Statistics, Colonial Times to 1970*, series C 89]

PERIOD	TOTAL		PERIOD OR YEAR	TOTAL		YEAR	TOTAL	
	Number	Rate ¹		Number	Rate ¹		Number	Rate ¹
1820-1979.....	49,124	3.5	1911-1920.....	5,736	5.7	1969.....	359	1.8
1820-1830 ²	152	1.2	1921-1930.....	4,107	3.5	1970.....	373	1.8
1831-1840 ³	599	3.9	1931-1940.....	528	.4	1971.....	370	1.8
1841-1850 ⁴	1,713	8.4	1941-1950.....	1,035	.7	1972.....	385	1.8
1851-1860 ⁴	2,598	9.3	1951-1960.....	2,515	1.5	1973.....	400	1.9
1861-1870 ⁴	2,315	6.4	1961-1970.....	3,322	1.7	1974.....	395	1.9
1871-1880.....	2,812	6.2	1971-1979.....	3,962	2.1	1975.....	386	1.8
1881-1890.....	5,247	9.2	1965.....	297	1.5	1976.....	399	1.9
1891-1900.....	3,688	5.3	1966.....	323	1.6	1977.....	462	2.1
1901-1910.....	8,795	10.4	1967.....	362	1.8	1978.....	601	2.8
			1968.....	454	2.3	1979.....	460	2.1

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

Figure 3.1
Immigrants by Continent: 1820 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 130.

NO. 129. IMMIGRANTS ADMITTED, BY CLASSES: 1930 TO 1979

[For years ending June 30 except, beginning 1977, ending September 30. For definition of immigrants, see text, pp. 83-84. See also *Historical Statistics, Colonial Times to 1970*, series C 143-157]

CLASS OF ADMISSION	1930	1940	1950	1955	1960	1965	1967
Annual quota	153,714	153,774	154,206	154,657	154,887	158,561	158,261
Immigrants admitted.....	241,700	70,756	249,187	237,790	265,398	296,697	361,972
Natives of Eastern Hemisphere.....	141,497	51,997	197,460	82,232	101,373	99,381	153,079
Natives of Western Hemisphere.....	63,147	11,985	33,238	94,274	91,701	153,199	151,034
Immediate relatives of U.S. citizens.....	32,105	5,474	16,275	30,882	34,215	32,714	46,803
Other.....	4,951	1,300	2,214	30,402	38,109	11,403	10,956
	1970	1974	1975	1976	1977	1978	1979
Immigrants, total.....	373,326	394,861	386,194	398,613	462,315	601,442	460,348
Percent of aliens admitted.....	7.8	5.4	5.2	4.9	5.4	6.0	(NA)
Subject to Eastern Hemisphere limitations.....	172,547	159,059	160,460	166,204	170,161	165,743	279,478
Subject to Western Hemisphere limitations.....	114,736	115,072	121,101	118,569	106,339	175,361	
Exempt from numerical limitations.....	86,043	120,730	104,633	113,840	185,815	260,338	180,870
Subject to limitations ¹	267,283	274,131	281,561	284,773	276,500	341,104	279,478
Relative preferences.....	92,432	94,915	95,945	102,007	130,784	190,297	213,729
Unmarried sons and daughters of U.S. citizens and their children (1st preference).....	1,089	932	871	931	1,473	3,692	5,107
Spouses, unmarried sons and daughters of resident aliens, and their children (2d preference).....	30,714	43,920	43,077	44,339	54,914	77,747	100,681
Married sons and daughters of U.S. citizens (4th preference) ²	8,350	3,404	3,623	4,077	4,818	11,404	15,714
Brothers and sisters of U.S. citizens (5th preference) ²	52,279	46,659	48,374	52,660	69,579	97,454	92,227
Occupational preferences.....	34,016	28,482	29,334	26,361	23,585	30,877	37,709
Immigrants in professions (3d preference).....	10,142	7,763	8,363	8,318	6,554	5,287	5,075
Other workers (6th preference).....	8,786	6,420	6,724	4,792	4,673	8,888	11,623
Their spouses and children.....	15,088	14,299	14,247	13,251	12,358	16,702	21,011
Conditional entrants (7th preference).....	9,863	9,076	9,129	11,907	9,575	10,309	13,079
Nonpreference (incl. private bill cases).....	36,058	26,475	25,961	25,775	77,358	54,120	1,541
Natives of Western Hemisphere, their spouses and children.....	102,529	99,800	96,547	91,319	34,115	55,411	13,413
Cuban Refugee Act (Act of Nov. 1966) ³	12,207	15,272	24,554	27,250	952	(x)	(x)
Other.....	178	111	91	154	131	90	7
Exempt from numerical limitations.....	86,043	120,730	104,633	113,840	185,815	260,338	180,870
Immediate relatives.....	79,213	104,844	91,504	102,019	105,957	125,819	138,178
Wives of U.S. citizens.....	36,276	40,274	33,719	37,856	36,104	49,151	46,902
Husbands of U.S. citizens.....	15,619	27,284	21,901	22,234	26,105	28,906	33,879
Children of U.S. citizens.....	18,095	24,758	22,315	23,889	22,572	23,917	25,679
Orphans adopted abroad.....	(NA)	4,770	5,633	6,552	6,493	1,326	1,195
Parents of U.S. citizens.....	9,223	12,528	13,569	18,040	21,176	23,845	31,718
Cuban Refugee Act ³	(x)	(x)	(x)	(x)	67,958	28,296	11,378
Indochinese Act, Oct. 1977.....	(x)	(x)	(x)	(x)	(x)	94,146	20,666
Special immigrants.....	6,342	6,964	7,080	5,961	6,204	5,962	5,913
Ministers of religion ²	1,497	1,416	1,231	1,368	1,301	1,307	1,368
Employees of the U.S. Government abroad ²	290	1,176	1,622	449	692	591	989
Children born abroad to resident aliens or subsequent to issuance of visa.....	3,012	3,477	3,636	3,405	3,550	3,625	3,294
Aliens adjusted ⁴	1,543	895	591	739	661	439	262
Spouses of U.S. citizens and their children, Act of April 7, 1970.....	9	7,885	5,057	5,014	5,598	6,006	4,647
Others not subject to numerical limitation.....	479	1,037	992	846	98	109	88

NA Not available. X Not applicable.

¹ From 1970 to December 1976 preference classifications were applied only to Eastern Hemisphere immigrants; see text, pp. 83-84. ² Includes spouses and children. ³ See text, Status of Cubans, p. 84. As of Jan. 1977, Act of Nov. 1966 not subject to numerical limitations. ⁴ Under sections 244 and 249, Immigration and Naturalization Act.

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

NO. 130. IMMIGRANTS, BY COUNTRY OF LAST PERMANENT RESIDENCE: 1820 TO 1979

[In thousands, except percent. For years ending June 30 except, beginning 1977, ending September 30. For definition of immigrants, see text, pp. 83-84. Data prior to 1906 refer to country from which aliens came. Because of boundary changes and changes in list of countries separately reported, data for certain countries not comparable throughout. See also *Historical Statistics, Colonial Times to 1970*, series C 89-119]

COUNTRY	1820- 1979, total	1951- 1960, total	1961- 1970, total	1971- 1979, total	1975	1976	1977	1978	1979	PERCENT		
										1820- 1979	1961- 1970	1971- 1979
Total	49,124	2,515.5	3,321.7	3,962.5	386.2	398.6	462.3	601.4	460.3	100.0	100.0	100.0
Europe	36,267	1,325.6	1,123.4	728.2	72.8	73.0	74.0	76.2	64.2	73.8	33.8	18.4
Austria ¹	4,316	67.1	20.6	9.1	.5	.5	.5	.5	.5	.8	.6	.2
Hungary		36.6	5.4	5.8	.6	.6	.5	.6	.5		.2	.1
Belgium	204	18.6	9.2	4.7	.4	.5	.5	.6	.6		.3	.1
Czechoslovakia	138	.9	3.3	5.0	.3	.3	.3	.4	.5	.3	.1	.1
Denmark	364	11.0	9.2	3.9	.3	.4	.4	.4	.4	.7	.3	.1
Finland	33	4.9	4.2	2.3	.2	.2	.2	.3	.3	.1	.1	.1
France	754	51.1	45.2	22.7	1.8	2.0	2.7	2.7	2.9	1.5	1.4	.6
Germany ¹	6,985	477.8	190.8	67.9	5.9	6.6	7.4	7.6	7.2	14.2	5.7	1.7
Great Britain ²	4,914	195.5	210.0	121.5	12.2	13.0	14.0	16.4	15.5	10.0	6.3	3.1
Greece	661	47.6	86.0	87.7	9.8	8.6	7.8	7.0	5.9	1.3	2.6	2.2
Ireland ³	4,724	57.3	37.5	10.6	1.1	1.0	1.0	.9	.8	9.6	1.1	.3
Italy	5,300	185.5	214.1	123.9	11.0	8.0	7.4	7.0	6.0	10.8	6.4	3.1
Netherlands	360	52.3	30.6	9.5	.8	.9	1.0	1.2	1.2	.7	.9	.2
Norway	856	22.9	15.5	3.5	.4	.3	.3	.4	.4	1.7	.5	.1
Poland ¹	520	10.0	53.5	32.5	3.5	3.2	3.3	4.5	3.9	1.1	1.6	.8
Portugal	453	19.6	76.1	93.3	11.3	11.0	10.0	10.5	7.1	.9	2.3	2.4
Soviet Union ^{1 4}	3,376	.6	2.3	28.4	4.7	7.4	5.4	4.7	1.9	6.9	.1	.7
Spain	262	7.9	44.7	37.4	2.6	2.3	5.6	4.3	3.3	.5	1.3	.9
Sweden	1,273	21.7	17.1	5.8	.5	.6	.6	.6	.8	2.6	.5	.1
Switzerland	350	17.7	18.5	7.7	.7	.8	.8	.9	.8	.7	.6	.2
Yugoslavia	116	8.2	20.4	28.5	2.9	2.3	2.3	2.2	1.9	.2	.6	.7
Other Europe	310	10.8	9.2	16.4	1.3	2.0	2.0	2.5	1.8	.6	.3	.4
Asia	3,038	153.3	427.8	1,352.1	129.2	146.7	150.8	243.6	183.0	6.2	12.9	34.1
China ⁵	540	9.7	34.8	96.7	9.2	9.9	12.5	14.5	12.3	1.1	1.0	2.4
Hong Kong	⁶ 200	15.5	75.0	109.5	12.5	13.7	12.3	11.1	16.8	.4	2.3	2.8
India	182	2.0	27.2	14.4	14.3	16.1	16.8	19.1	18.6	.4	.8	3.6
Iran	⁶ 48	3.4	10.3	34.9	2.2	2.6	4.2	5.9	8.3	.1	.3	.9
Israel	⁶ 90	25.5	29.6	34.2	3.5	5.2	4.4	4.5	4.3	.2	.9	.9
Japan	411	46.3	40.0	45.4	4.8	4.8	4.5	4.5	4.5	.8	1.2	1.1
Jordan	⁶ 41	5.8	11.7	24.0	2.3	2.4	2.9	3.2	3.2	.1	.3	.6
Korea	⁶ 276	6.2	34.5	235.4	28.1	30.6	30.7	28.8	28.7	.6	1.0	5.9
Lebanon	⁶ 59	4.5	15.2	37.3	4.0	5.0	5.5	4.8	4.8	.1	.5	.9
Philippines	⁷ 431	19.3	98.4	312.7	31.3	36.8	38.5	36.6	40.8	.9	3.0	7.9
Turkey	386	3.5	10.1	11.1	1.1	1.0	1.0	1.0	1.3	.8	.3	.3
Vietnam	⁸ 133	2.7	4.2	129.3	2.7	2.4	3.4	87.6	19.1	.3	.1	3.3
Other Asia	244	9.0	36.7	140.3	13.2	16.2	14.1	22.0	20.3	.5	1.2	3.5
America	9,248	996.9	1,716.4	1,778.3	174.7	169.2	223.2	266.5	197.1	18.8	51.7	44.9
Argentina	⁹ 97	19.5	49.7	27.2	2.8	2.7	3.1	4.1	3.1	.2	1.5	.7
Brazil	⁹ 59	13.8	29.3	16.4	1.4	1.4	1.9	2.2	1.8	.1	.9	.4
Canada	4,125	378.0	413.3	156.2	11.2	11.4	18.0	23.5	20.2	8.4	12.4	3.9
Colombia	⁹ 156	18.0	72.0	66.0	6.4	5.7	8.2	10.9	10.5	.3	2.2	1.7
Cuba	¹⁰ 539	78.9	208.5	249.7	25.6	28.4	66.1	27.5	14.0	1.1	6.3	6.3
Dominican Republic	¹⁰ 235	9.9	93.3	130.8	14.1	12.4	11.6	19.5	17.5	.5	2.8	3.3
Ecuador	⁹ 91	9.8	36.8	44.0	4.7	4.5	5.2	5.7	4.4	.2	1.1	1.1
El Salvador	⁹ 50	5.9	15.0	28.4	2.4	2.4	4.4	5.9	4.5	.1	.4	.7
Guatemala	⁹ 44	4.7	15.9	22.2	1.9	2.0	3.7	4.1	2.6	.1	.5	.6
Haiti	¹⁰ 89	4.4	34.5	49.8	5.0	5.3	5.2	6.1	6.1	.2	1.0	1.3
Honduras	⁹ 37	6.0	15.7	14.8	1.4	1.3	1.6	2.7	2.5	.2	.5	.4
Mexico	2,177	299.8	453.9	583.7	62.6	58.4	44.6	92.7	52.5	4.4	13.7	14.7
Panama	⁹ 51	11.7	19.4	19.8	1.7	1.8	2.5	3.3	3.5	.1	.6	.5
Peru	⁹ 52	7.4	19.1	25.1	2.3	2.6	3.9	5.1	4.0	.1	.6	.6
West Indies	758	29.8	133.9	237.4	22.3	19.6	27.1	34.6	33.5	1.5	4.0	6.0
Other America	695	99.2	106.2	106.9	8.9	9.3	16.1	18.6	16.4	1.4	3.2	2.7
Africa	142	14.1	29.0	66.7	5.9	5.7	9.6	10.3	11.2	.3	.9	1.7
Australia and New Zealand	123	11.5	19.6	21.6	1.8	2.1	2.5	2.6	2.5	.3	.6	.5
All other	309	14.0	5.7	15.8	1.8	1.9	2.2	2.2	2.3	.6	.2	.4

¹ 1938-1945, Austria included with Germany; 1899-1919, Poland included with Austria-Hungary, Germany, and Soviet Union.

² Beginning 1952, includes data for United Kingdom not specified, formerly included with "Other Europe." ³ Comprises Eire and Northern Ireland. ⁴ Europe and Asia. ⁵ Beginning 1957, includes Taiwan. ⁶ Prior to 1951, included with "Other Asia."

⁷ Prior to 1951, Philippines included with "All other." ⁸ Prior to 1953, data for Vietnam not available.

⁹ Prior to 1951, included with "Other America." ¹⁰ Prior to 1951, included with "West Indies."

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

NO. 131. IMMIGRANTS, BY COUNTRY OF BIRTH: 1951 TO 1979

[In thousands. For years ending June 30 except, beginning 1977, ending September 30. For definition of immigrants, see text, pp. 83-84. See headnote, table 130 for statement on boundary changes]

COUNTRY OF BIRTH	1951-1960, total	1961-1970, total	1971-1979, total	1970	1975	1976	1977	1978	1979	PERCENT	
										1961-1970	1971-1979
All countries	2,515.5	3,321.7	3,962.5	373.3	386.2	398.6	462.3	601.4	460.3	100.0	100.0
Europe ¹	1,492.2	1,238.6	729.2	116.0	74.0	72.4	70.0	73.2	60.8	37.3	18.4
Austria	29.7	13.7	4.3	.9	.4	.3	.4	.5	.4	.4	.1
Belgium	12.9	8.5	3.6	.5	.3	.4	.4	.4	.4	.3	.1
Czechoslovakia	28.8	21.4	9.1	4.5	.5	.6	.6	.7	.8	.6	.2
Denmark	13.7	11.8	4.0	.6	.4	.4	.4	.4	.4	.4	.1
Finland	6.7	5.8	3.7	.5	.3	.3	.3	.4	.3	.2	.1
France	38.0	34.3	15.8	2.5	1.4	1.5	1.6	1.8	1.7	1.0	.4
Germany	345.5	200.0	59.4	9.7	5.2	5.8	6.4	6.7	6.3	6.0	1.5
Greece	48.4	90.2	88.9	16.5	10.0	8.4	7.8	7.0	5.1	2.7	2.2
Hungary	64.5	17.3	10.9	1.8	.9	.9	.9	.9	.9	.5	.3
Ireland	64.4	42.4	13.2	1.6	1.3	1.2	1.2	1.2	1.0	1.3	.3
Italy	188.0	206.7	124.7	25.0	11.6	8.4	7.5	7.4	6.2	6.2	3.1
Netherlands	47.2	27.8	9.5	1.5	.8	.9	1.0	1.2	1.1	.8	.2
Norway	24.7	16.4	4.3	.5	.4	.3	.3	.4	.4	.5	.1
Poland	128.0	73.3	38.7	3.6	3.9	3.8	4.0	5.1	4.4	2.2	1.0
Portugal	20.4	79.3	96.0	13.2	11.8	10.5	9.7	10.4	7.1	2.4	2.4
Romania	17.4	14.9	15.6	1.8	1.2	2.2	2.0	2.0	1.6	.4	.4
Soviet Union	46.5	15.7	32.5	.9	5.1	8.2	5.7	5.2	2.5	.5	.8
Spain	10.7	30.5	28.0	4.1	2.5	2.3	2.5	2.3	1.9	.9	.7
Sweden	18.9	16.7	5.6	.7	.5	.5	.6	.6	.8	.5	.1
Switzerland	17.2	16.3	5.8	1.1	.5	.6	.6	.7	.7	.5	.1
United Kingdom	208.9	230.5	108.0	14.2	10.8	11.4	12.5	14.2	13.9	6.9	2.7
Yugoslavia	58.7	46.2	40.0	8.6	3.5	2.8	2.8	2.6	2.2	1.4	1.0
Asia ¹	157.1	445.3	1,397.8	94.9	132.4	149.9	157.8	249.8	189.3	13.4	35.3
China ²	32.7	96.7	175.0	14.1	18.5	18.8	20.0	21.3	24.3	2.9	4.4
Hong Kong	3.1	25.6	43.7	3.9	4.9	5.8	5.6	5.2	4.1	.8	1.1
India	3.1	31.2	154.1	10.1	15.8	17.5	18.6	20.6	19.7	.9	3.9
Iran	2.5	10.4	35.8	1.8	2.3	2.7	4.3	5.9	8.5	.3	.9
Iraq	1.4	6.4	20.9	1.2	3.0	3.4	2.8	2.2	2.9	.2	.5
Israel	8.6	12.9	23.0	2.0	2.1	3.0	3.0	3.3	3.1	.4	.6
Japan	44.7	38.5	41.4	4.5	4.3	4.3	4.2	4.0	4.0	1.2	1.0
Jordan	5.1	14.0	25.6	2.8	2.6	2.6	2.9	3.1	3.4	.4	.6
Korea	7.0	35.8	239.6	9.3	28.4	30.8	30.9	29.3	29.2	1.1	6.0
Lebanon	3.2	7.5	29.8	1.9	2.1	2.8	5.7	4.6	4.6	.2	.8
Philippines	17.2	101.5	318.0	31.2	31.8	37.3	39.1	37.2	41.3	3.1	8.0
Thailand	(NA)	5.0	39.9	1.8	4.2	6.9	3.9	3.8	3.2	.2	1.0
Turkey	2.4	6.8	16.5	2.1	1.6	1.7	1.8	1.8	1.8	.2	.4
Vietnam	2.0	4.6	136.0	1.5	3.0	3.0	4.6	88.5	22.5	.1	3.4
North America ¹	769.1	1,351.1	1,480.2	129.1	146.7	142.3	187.3	220.8	157.6	40.7	37.4
Canada	274.9	286.7	101.2	13.8	7.3	7.6	12.7	16.9	13.8	8.6	2.6
Mexico	319.3	443.3	580.6	44.5	62.2	57.9	44.1	92.4	52.1	13.3	14.7
West Indies ¹	122.8	519.5	686.5	61.4	67.4	66.8	114.0	91.4	74.1	15.6	17.3
Barbados	1.6	9.4	18.3	1.8	1.6	1.7	2.8	3.0	2.5	.3	.5
Cuba	78.3	256.8	261.8	16.3	26.0	29.2	69.8	29.8	15.6	7.7	6.6
Dominican Republic	9.8	94.1	130.8	10.8	14.0	12.5	11.7	19.5	17.5	2.8	3.3
Haiti	4.0	37.5	52.0	6.9	5.1	5.4	5.4	6.5	6.4	1.1	1.3
Jamaica	8.7	71.0	123.1	15.0	11.1	9.0	11.5	19.3	19.7	2.1	3.1
Trinidad and Tobago	1.6	24.6	56.5	7.4	6.0	4.8	6.1	6.0	5.2	.7	1.4
Central America ¹	44.6	97.7	111.4	9.3	9.7	9.9	16.5	20.2	17.5	2.9	2.8
El Salvador	4.8	15.0	28.3	1.7	2.4	2.4	4.4	5.8	4.5	.5	.7
Guatemala	4.1	15.4	21.9	2.1	1.9	2.0	3.6	4.0	2.6	.5	.6
Panama	9.7	18.4	19.2	1.6	1.7	1.7	2.4	3.1	3.5	.6	.5
South America ¹	72.2	228.3	244.7	22.0	23.0	22.7	33.0	41.8	35.3	6.9	6.2
Argentina	14.3	42.1	22.3	3.4	2.2	2.3	2.8	3.7	2.9	1.3	.6
Brazil	8.9	20.6	12.1	1.9	1.1	1.0	1.5	1.9	1.5	.6	.3
Colombia	17.6	70.3	66.2	6.8	6.4	5.7	8.3	11.0	10.6	2.1	1.7
Ecuador	9.5	37.0	44.0	4.4	4.7	4.5	5.3	5.7	4.4	1.1	1.1
Guyana	1.0	7.1	39.1	1.8	3.2	3.3	5.7	7.6	7.0	.2	1.0
Peru	5.7	18.6	24.9	.9	2.3	2.6	3.9	5.2	4.1	.6	.6
Africa	16.6	39.3	77.3	8.1	6.7	7.7	10.1	11.5	12.8	1.2	2.0
Egypt	3.7	17.2	22.5	4.9	1.7	1.8	2.3	2.8	3.2	.5	.6
Australia	3.7	9.9	12.9	1.7	1.1	1.4	1.4	1.6	1.4	.3	.3
New Zealand	1.3	3.7	5.3	.6	.4	.4	.6	.6	.6	.1	.1
Other countries	3.3	5.5	15.1	.9	1.8	2.0	2.1	2.1	2.5	.2	.4

NA Not available. ¹ Includes countries not shown separately. ² Includes Taiwan.
Source: U.S. Immigration and Naturalization Service, *Annual Report*, and releases.

No. 132. IMMIGRANTS, BY SELECTED CHARACTERISTICS: 1951 TO 1979

[In thousands, except as indicated. Through 1976, for years ending June 30; beginning 1977, ending Sept. 30. For definition of immigrants, see text, pp. 83-84; for definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series C 120-142]

CHARACTERISTIC	1951- 1960, total	1961- 1970, total	1971- 1979, total	1975	1976	1977	1978	1979	PERCENT	
									1961- 1970	1971- 1979
Total	2,515	3,322	3,962	386.2	398.6	462.3	601.4	460.3	100.0	100.0
Male.....	¹ 859	¹ 488	¹ 859	180.7	184.8	216.4	286.4	219.5	44.8	46.9
Married.....	368	651	913	88.7	92.8	112.2	136.1	105.5	19.6	23.0
Single.....	467	816	925	90.1	89.4	100.6	146.6	110.8	24.6	23.3
Other.....	24	21	24	1.9	2.6	3.6	3.7	3.2	.6	.6
Female.....	¹ 1,014	1,834	2,103	205.5	213.8	245.9	315.1	240.8	55.2	53.1
Married.....	501	883	1,156	112.2	118.8	135.6	168.9	130.7	26.6	29.2
Single.....	451	856	845	83.5	83.1	93.9	129.7	97.2	25.8	21.3
Other.....	63	95	104	9.8	11.9	16.4	16.5	12.9	2.9	2.6
Males per 1,000 females.....	850	811	884	879	864	880	909	912	(x)	(x)
Age:										
Under 16 years.....	576	847	1,035	105.4	102.2	108.2	153.0	110.9	25.5	26.1
16-44 years.....	¹ 5,966	2,018	2,347	226.0	234.0	266.9	358.7	277.0	60.7	59.3
45 years and over.....	343	457	581	54.8	62.3	87.2	89.8	72.5	13.8	14.6
Median age (year).....	¹ 25.8	25.2	25.0	25.4	26.0	27.1	26.2	26.3	(x)	(x)
Occupation:²										
Professional, tech., and kindred.....	184	337	398	38.5	41.1	45.0	48.9	39.5	10.1	10.3
Managers and administrators ³	53	66	115	10.0	11.6	17.4	20.9	18.9	2.0	2.9
Sales workers.....	(*)	(*)	34	3.4	3.9	5.6	6.5	5.0	(*)	.7
Clerical and kindred workers.....	¹ 197	² 245	155	14.1	14.9	20.5	27.3	21.1	⁴ 7.4	4.1
Craftsmen and kindred workers.....	196	207	194	20.6	18.8	21.3	27.8	20.3	6.2	4.0
Operatives, except transport.....	¹ 168	⁵ 162	219	18.4	20.9	30.5	42.4	26.8	⁴ 4.9	5.6
Transport equipment operatives.....	(*)	(*)	23	2.9	3.2	4.0	4.9	4.4	(*)	.6
Laborers, except farm.....	133	129	143	13.0	12.1	12.2	22.9	13.8	3.9	3.6
Farmers and farm managers.....	49	26	8	.9	1.4	.6	.5	.8	.7	.2
Farm laborers and farm foremen.....	43	57	70	6.3	6.2	6.9	11.1	12.5	1.7	1.7
Service workers exc. pvt. household.....	70	108	150	15.5	14.0	16.8	25.0	13.4	3.3	3.9
Private household workers.....	94	127	82	5.9	6.8	8.5	10.5	8.6	3.8	2.1
No occupation⁶	1,329	1,857	2,377	236.6	243.9	273.0	352.7	275.4	55.9	60.0

X Not applicable. ¹ 1954-1960. ² Beginning 1974, based on Bureau of the Census 1970 index of occupations; prior years based on 1950 and 1960 indexes. The occupations contained in the major groups are, therefore, not necessarily identical to the groupings of prior years. See Section 21-Science for data on scientists, engineers, and physicians.

³ Except farm. ⁴ Sales workers included in "Clerical and kindred workers."

⁵ Transport equipment operatives included in "Operatives, except transport."

⁶ Includes dependent women and children, and other aliens without occupation or occupation not reported.

No. 133. IMMIGRANTS ADMITTED AS PERMANENT RESIDENTS UNDER REFUGEE ACTS, BY COUNTRY OF BIRTH: 1954 TO 1979

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

COUNTRY OF BIRTH	1954- 1979, total	1961- 1970, total	1971- 1977, total	1978	1979	COUNTRY OF BIRTH	1954- 1979, total	1961- 1970, total	1971- 1977, total	1978	1979
Total	918,842	212,719	272,516	132,781	45,128	Asia¹	196,216	19,207	22,686	96,659	28,070
Europe¹	337,987	55,914	46,928	7,258	4,353	China ²	26,695	5,300	9,993	1,064	932
Austria.....	5,725	233	149	14	12	Indonesia.....	15,996	7,658	61	30	7
Bulgaria.....	3,607	1,799	938	97	107	Japan.....	4,371	554	12	9	6
Czechoslovakia.....	11,868	5,709	2,441	247	326	Kampuchea.....	4,973	-	-	3,607	1,366
Germany.....	22,108	665	110	14	7	Korea.....	4,486	1,315	10	39	5
Greece.....	19,358	586	296	28	40	Laos.....	7,734	-	-	4,259	3,475
Hungary.....	52,458	4,044	3,482	332	286	Vietnam.....	108,616	5	1,355	86,777	20,481
Italy.....	60,408	1,198	318	13	3	Other Asia.....	23,345	4,375	11,255	874	1,798
Netherlands.....	17,428	3,134	9	-	-	North America	374,066	131,955	200,749	28,473	12,240
Poland.....	20,993	3,197	3,419	608	878	Cuba.....	371,992	131,448	200,116	28,299	12,130
Portugal.....	5,010	1,361	13	4	-	Other N. America.....	2,074	507	633	174	110
Romania.....	17,967	7,158	3,955	1,070	699	South America	983	121	599	150	50
Soviet Union.....	28,334	865	15,314	4,342	1,791	Africa	9,418	5,486	1,544	227	414
Spain.....	9,482	4,105	4,733	318	116	Other	172	36	10	14	1
Yugoslavia.....	50,029	18,299	11,190	44	22						
Other Europe.....	13,218	3,561	561	127	66						

- Represents zero. ¹ Through 1970, Turkey included in Europe; thereafter, included in Asia. ² Includes Taiwan.

Source of tables 132 and 133: U.S. Immigration and Naturalization Service, *Annual Report*, and releases.

Immigration and Naturalization

No. 134. INDOCHINA REFUGEES, 1975 TO 1980, AND BY CHARACTERISTICS, 1980

[Number of refugees present as of Dec. 31, except as noted. Includes only refugees resettled in U.S. See text, status of Indochinese, p. 84]

YEAR	Number (1,000)	CHARACTERISTIC, 1980 REFUGEES	Number (1,000)	Percent
		Total entrants	154.2	100.0
1975, total refugees	¹ 123.3	Male	85.5	55.5
1976, total refugees	144.1	Female	68.6	44.5
1977, total refugees	148.4			
		Age: Under 6 years	22.0	14.3
1978, total refugees	177.1	6-17 years	48.0	31.1
1979, total refugees	289.2	18-24 years	31.2	20.2
1980, total refugees	² 444.6	25-44 years	39.3	25.5
		45-62 years	10.5	6.8
		63 years and over	3.2	2.1

¹ Covers period from April 18, 1975 to Dec. 10, 1975.

² As of Dec. 31, 1980, an additional 265,000 were resettled in other countries.

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

No. 135. CUBAN REFUGEE PROGRAM: 1961 TO 1980

[Except as noted, refugees receiving welfare assistance as of June and other data for years ending June 30]

ITEM	1961- 1970, total	1971- 1975, total	1972	1973	1974	1975	1976	1977 ¹	1978 ¹	1979 ¹	1980, ¹ est.
Cuban Refugee Center, Miami, Fla.:											
Registrations (1,000)	355.9	82.7	19.0	6.9	4.6	5.3	3.2	2.0	1.5	6.5	15.5
Resettlements to other areas (1,000)	229.1	48.5	12.5	2.7	.5	.4	.4	.3	.1	.5	2.1
Refugees receiving welfare assistance ² (1,000)	(x)	(x)	90.7	86.8	34.0	29.1	28.8	22.2	21.4	18.9	17.3
In Florida (1,000)	(x)	(x)	35.6	39.6	14.9	12.9	12.5	11.2	10.6	8.9	8.6
In other States (1,000)	(x)	(x)	55.1	47.2	19.1	16.2	16.3	11.0	10.8	10.0	8.7
Total cost of program ³ (mil. dol.)	472.0	591.5	136.7	143.7	114.8	84.2	83.8	66.4	53.9	42.6	30.7

X Not applicable. ¹ Refugees receiving welfare assistance as of Sept. and other data for year ending Sept. 30.

² Through State and local public welfare agencies with 100 percent Federal reimbursement from the Cuban Refugee Program. Beginning January 1974, most aged and disabled Cuban refugees were covered by Federal Supplemental Security Income program and were not considered welfare assistance cases. ³ Includes welfare assistance costs.

Source: U.S. Dept. of Health and Human Services, Office of Refugee Resettlement, unpublished data.

No. 136. CUBAN ENTRANTS—SUMMARY: 1980

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

ITEM	Arrivals	ITEM	Arrivals	ITEM	Resettle- ments ³
Total (number)	124,789	Education: ¹		Total (number)	⁴ 122,018
Sex:		None	14.8	By voluntary agencies	61,295
Male	69.5	1-8 years	33.1	Direct to relatives	60,088
Female	29.7	7-8 years	6.7		
Age:		9-12 years	26.4	Destination: ⁵	
Under 18 years old	18.1	College	4.7	Florida	86,625
18-24 years	16.5	Unknown	12.5	New Jersey	7,811
25-29 years	16.0	Occupation: ²		New York	6,272
30-34 years	13.6	Structural	30.6	California	5,548
35-44 years	17.6	Service	16.1	Texas	1,881
45-64 years	13.7	Professional/technical/ managerial	11.9	Illinois	1,879
65 and over	3.9	Machine	10.6	Pennsylvania	1,156
Unknown	.6	Clerical/sales	5.4	Other	10,846
		Benchwork	3.9		
		Agriculture/fishery	3.6		

¹ Based on 79,467 responses collected at the Fort McCoy and Fort Chaffee processing centers. ² Based on 39,229 codable responses, classified according to the U.S. Department of Labor's *Dictionary of Occupational Titles*, 1977. ³ As of June 30, 1981. ⁴ Includes Fort Chaffee population and Federal Corrections Institute detainees. ⁵ Based on sponsor or location of relatives; does not reflect secondary migration.

Source: U.S. Department of Health and Human Services, Office of Refugee Resettlement, *Cuban Haitian Entrant Reports*.

NO. 137. ENTRIES OF ALIENS AND CITIZENS OVER INTERNATIONAL LAND BOUNDARIES: 1950 TO 1979

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

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

NO. 138. FOREIGN LABORERS ADMITTED, BY COUNTRY OF LAST PERMANENT RESIDENCE: 1960 TO 1980

[For years ending June 30 except, beginning 1977, ending September 30. Covers workers admitted after U.S. Dept. of Labor certification as to need for temporary agricultural workers. For data on temporary workers admitted under Immigration and Nationality Act, see table 143. Mexican agricultural laborers were employed under the provisions of Public Law 78 from 1949 until December 31, 1964. After that date, Mexican agricultural laborers, like workers from other countries, entered the United States under the Immigration and Nationality Act, which provides for the importation of foreign workers if like workers are not available in the United States]

COUNTRY	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Total.....	1,447,207	155,761	47,483	33,908	25,434	22,124	21,671	18,679	18,213	10,746
Agricultural laborers:										
Mexico.....	427,240	103,563	-	-	-	-	-	-	-	-
Canada.....	7,804	8,149	3,156	1,250	970	572	399	312	287	391
West Indies.....	10,874	15,397	15,895	11,625	11,245	11,568	11,661	10,955	12,246	5,202
Japan.....	969	31	-	-	-	-	-	-	-	-
Spain (Basque shepherders).....	213	453	463	322	211	185	206	274	258	149
Others:										
Canada woodsmen.....	(NA)	13,281	8,238	5,685	3,671	2,696	2,303	2,059	1,534	1,244
U.S. Virgin Island workers.....	(NA)	13,514	15,459	9,901	7,286	5,967	4,304	3,077	2,713	2,355
Workers admitted into Guam.....	-	1,373	4,272	5,125	2,051	1,136	2,798	2,002	1,175	1,405

- Represents zero. NA Not available. ¹ Includes British Honduras, not shown separately.

² Includes 100,876 Mexican laborers admitted under Public Law 78 prior to Dec. 31, 1964.

NO. 139. ALIENS ADMITTED AND EXPELLED: 1951 TO 1979

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

STATUS	1951-1960	1961-1970	1971-1979	1970	1975	1976	1977	1978	1979
Aliens admitted.....	9,629	27,429	1,607,577	4,805	7,470	8,054	8,499	9,945	(NA)
Immigrant.....	2,515	3,322	3,859	373	386	399	462	601	460
Nonimmigrant.....	7,113	24,107	1,572,555	4,432	7,084	7,655	8,037	9,344	(NA)
Deportable aliens located.....	3,584	1,608	7,189	345	767	876	1,042	1,058	1,076
Entry without inspection ²	(NA)	780	6,315	244	668	773	939	971	1,003
From Mexico.....	(NA)	756	6,188	240	655	757	921	949	978
Other North American countries.....	(NA)	28	67	4	5	4	12	12	16
Aliens departed.....	6,882	19,277	3,327,889	3,246	5,130	5,146	5,381	(NA)	(NA)
Aliens expelled.....	4,014	1,431	6,742	320	679	793	897	1,004	992
Deported.....	130	96	215	17	23	28	30	28	26
Required to depart.....	3,884	1,334	5,527	303	656	765	867	976	966

NA Not available. ¹ Covers 1971-1978 only. ² Includes other countries not shown separately. ³ Covers 1971-1977 only.

Source of tables 137-139: U.S. Immigration and Naturalization Service, *Annual Report*.

NO. 140. ALIEN DEPORTATION, BY SELECTED CAUSES: 1951 TO 1979

[For years ending June 30 except, beginning 1977, ending September 30]

CAUSE	1951-1960	1961-1970	1971-1979	1970	1975	1976	1977	1978	1979
Total	129,887	96,374	205,494	16,893	23,438	27,998	30,228	28,371	25,888
Entry without inspection or by false statements	54,457	43,561	149,158	8,035	16,528	21,777	25,012	24,165	22,525
Failure to maintain or comply with conditions of nonimmigrant status	26,260	31,334	30,959	4,436	3,649	3,782	3,150	2,543	1,901
Criminal	6,742	3,694	2,235	268	225	272	285	220	264
Violation of narcotic laws	947	1,462	3,328	202	583	464	372	314	265
Previously excluded or deported	4,002	3,601	3,757	393	526	481	315	236	202
Entry without proper documents	35,090	11,831	15,747	3,511	1,896	1,185	1,066	871	707
Other	3,389	891	310	48	30	37	28	22	24

NO. 141. IMMIGRATION AND NATIONALITY VIOLATIONS—SUMMARY: 1960 TO 1980

[For years ending June 30 except, beginning 1977, ending September 30]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980
Prosecutions disposed of	2,773	3,714	6,034	14,172	17,126	17,176	16,796	17,398	14,863
Immigration violations	2,589	3,288	5,510	13,947	16,928	16,797	16,445	16,967	14,516
Nationality violations	184	426	524	225	198	379	351	431	347
Convictions	2,557	3,442	5,497	12,811	15,772	15,308	15,348	15,463	12,935
Immigration violations	2,400	3,037	4,991	12,676	15,653	15,223	15,140	15,163	12,684
Percent of prosecutions	92.7	92.4	90.6	90.9	92.5	90.6	92.1	89.4	87.4
Nationality violations	157	405	506	135	119	165	208	300	251
Percent of prosecutions	85.3	95.1	96.6	60.0	60.1	43.5	59.3	69.6	72.3
Aggregate fines (\$1,000)	39	126	250	755	1,060	879	786	607	822
Aggregate imprisonment (years)	1,994	3,422	4,042	5,313	6,367	6,478	7,597	7,868	6,362

Source of tables 140 and 141: U.S. Immigration and Naturalization Service, *Annual Report*.

NO. 142. IMMIGRATION BORDER PATROL AND INVESTIGATION ACTIVITIES: 1965 TO 1980

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

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
BORDER PATROL										
Border patrol agents:										
Authorized (number)	1,505	1,724	1,703	1,739	1,803	2,058	2,057	2,189	2,110	2,339
On duty (number)	1,377	1,708	1,659	1,665	1,708	1,193	1,990	2,151	2,051	2,233
Border patrol obligations (\$1,000)	18,753	28,447	40,303	46,894	55,254	61,692	70,644	72,231	71,021	82,534
Persons apprehended ¹	53.3	233.9	503.9	640.9	602.2	701.6	820.4	870.6	896.9	766.6
Deportable aliens located	52.4	231.1	498.1	634.8	596.8	696.0	812.6	862.3	888.7	759.4
Mexican	44.2	219.3	480.6	616.6	579.4	678.4	792.6	841.5	866.8	734.2
Canadian	5.8	7.8	8.7	7.4	7.3	5.9	5.8	6.5	5.7	5.3
Other	2.5	4.1	8.9	10.8	10.1	11.7	14.2	14.3	16.2	19.9
Smugglers of aliens located	(NA)	3.3	6.4	8.1	6.9	9.6	12.4	13.3	15.3	13.1
Smuggled aliens apprehended	1.8	18.7	41.6	83.1	80.4	82.9	138.8	159.2	172.7	112.6
Aliens located:										
Previously expelled	14.0	67.4	152.4	182.4	184.6	186.9	241.1	266.8	259.1	211.0
Previous criminal record	4.0	3.8	11.2	10.9	10.3	13.1	12.3	11.9	12.4	11.3
Conveyances examined	1,172	1,792	2,666	2,905	3,470	3,277	3,277	3,658	4,030	3,849
Automobiles	752	1,311	2,020	2,230	2,663	2,440	2,647	2,543	2,791	2,590
Persons questioned ²	5,285	6,805	9,507	10,202	11,265	10,783	11,606	11,343	11,900	10,844
In automobiles	1,877	3,416	5,135	5,591	6,888	6,145	6,844	6,643	6,841	6,328
Pedestrians	2,065	1,661	2,145	2,243	2,056	2,293	2,333	2,186	2,314	1,706
Value of seizures (\$1,000)	594	4,547	25,954	47,210	28,654	18,019	19,557	8,348	9,967	116,115
Narcotics (\$1,000)	394	3,865	23,464	45,056	26,302	16,035	17,071	6,251	8,448	110,272
INVESTIGATION										
Deportable aliens located	57.9	114.1	157.8	153.4	169.8	179.9	229.7	195.7	187.7	150.9
Mexican	11.2	58.1	96.2	93.3	100.9	103.1	162.2	135.1	132.1	83.3
Canadian	2.3	3.5	2.3	2.0	.9	1.7	1.8	1.8	1.7	1.5
Other	44.4	52.5	59.3	58.1	68.0	75.1	65.7	58.8	53.9	66.1

NA Not available.

¹ Covers deportable aliens located and U.S. citizens engaged in smuggling or other immigration violations.² Includes types not shown separately.Source: U.S. Immigration and Naturalization Service, *Annual Report*, and unpublished data.

NO. 143. NONIMMIGRANTS ADMITTED, BY CLASSES: 1966 TO 1978

[In thousands. For years ending June 30 except, beginning 1977, ending September 30. For definition of nonimmigrants, see text, p. 83. Excludes border crossers, crewmen, and insular travelers. See also *Historical Statistics, Colonial Times to 1970*, series C 149-157]

CLASS OF ADMISSION	1966-1970, avg.	1971-1975, avg.	1976-1978, avg.	1970	1975	1976	1977	1978
Nonimmigrants	3,245.5	5,909.0	8,345.0	4,431.9	7,083.9	7,654.5	8,036.9	9,343.7
Temporary visitors, total.....	2,370.2	4,548.1	6,640.5	3,345.2	5,587.4	6,096.8	6,381.4	7,443.4
Percent of total.....	73.0	77.0	79.8	75.5	78.9	79.6	79.4	79.7
For pleasure.....	2,109.3	4,106.4	5,951.1	3,020.4	5,060.0	5,513.2	5,697.3	6,642.7
For business.....	260.8	441.7	689.5	324.8	527.4	583.6	684.1	800.7
Returning resident aliens ¹	366.0	695.6	931.9	493.5	800.0	844.3	897.7	1,053.6
Transit aliens.....	211.6	265.0	263.0	231.9	273.0	263.8	252.1	273.1
Foreign government officials ²	44.6	62.0	77.3	50.5	68.4	77.0	71.2	83.8
Treaty traders and investors.....	13.2	32.7	43.9	19.2	35.0	37.4	44.0	50.4
Students ²	83.2	109.4	170.2	107.3	118.0	133.0	171.0	206.7
Representatives to international organizations ²	19.7	30.4	39.8	23.8	32.6	37.1	38.2	44.0
Temporary workers and industrial trainees.....	72.9	67.0	54.7	86.5	67.3	56.5	56.3	51.3
Workers of distinguished merit and ability.....	9.8	14.5	15.8	11.1	15.6	14.8	15.7	16.8
Other temporary workers.....	58.8	38.5	26.8	69.3	37.5	29.7	27.7	22.9
Industrial trainees.....	4.1	4.2	3.1	5.3	3.8	2.8	3.2	3.3
Their spouses and children.....	(x)	9.9	9.1	.8	10.6	9.2	9.7	8.3
Representatives of foreign information media.....	3.7	5.6	8.9	4.7	6.1	8.2	8.4	10.0
Exchange visitors ²	53.0	66.1	69.8	66.6	63.4	62.8	71.5	75.1
NATO officials ²	2.4	3.4	5.4	2.3	4.0	5.1	5.1	5.9
Fiances(ees) of U.S. citizens ³	(x)	7.9	6.6	.1	6.4	6.2	7.2	6.4
Intracompany transferees ²	(x)	15.9	33.0	.4	22.3	26.3	32.8	40.0

X Not applicable. ¹ Returning resident aliens who have once been counted as immigrants are included with nonimmigrants.

² Includes spouses and children. ³ Includes children of fiances(ees) of U.S. citizens.

NO. 144. NONIMMIGRANTS ADMITTED, BY COUNTRY OF BIRTH: 1966 TO 1978

[In thousands. For years ending June 30 except, beginning 1977, ending September 30. For definition of nonimmigrants, see text, p. 83. Excludes border crossers, crewmen, and insular travelers. Students and others entering with multiple entry documents are only counted on the first admission. Includes returning resident aliens admitted with documents in addition to the Alien Registration Receipt Card]

COUNTRY	1966-1970, avg.	1971-1975, avg.	1975	1977	1978	COUNTRY	1966-1970, avg.	1971-1975, avg.	1975	1977	1978
Total	3,246	5,909	7,084	8,037	9,344	Europe¹	1,242	1,914	2,076	2,451	3,020
America¹	1,501	2,831	3,477	3,750	4,213	Austria.....	21	29	32	38	46
Argentina.....	41	62	96	90	116	Belgium.....	21	34	37	48	62
Bahamas.....	62	83	71	87	108	Denmark.....	25	32	34	44	52
Brazil.....	36	71	93	68	86	France.....	127	191	191	246	283
Canada.....	133	193	223	275	262	Germany.....	209	345	385	450	550
Colombia.....	45	86	91	121	152	Greece.....	34	51	5260	65	
Dominican Republic.....	87	121	149	155	167	Ireland.....	30	51	48	53	66
Ecuador.....	21	32	38	59	78	Italy.....	129	173	171	183	220
Guatemala.....	25	31	33	50	58	Netherlands.....	61	88	98	126	159
Haiti.....	16	33	43	52	62	Norway.....	23	38	41	50	56
Jamaica.....	60	106	124	128	143	Poland.....	21	31	42	39	49
Mexico.....	633	1,537	1,997	1,990	2,150	Portugal.....	20	38	43	48	56
Panama.....	15	28	29	36	41	Spain.....	39	60	68	86	99
Peru.....	30	40	47	47	45	Sweden.....	36	57	65	86	103
Trinidad and Tobago.....	25	42	43	52	62	Switzerland.....	41	61	73	98	116
Venezuela.....	50	71	87	176	247	U.S.S.R. ²	8	12	16	16	19
Asia¹	292	930	1,260	1,461	1,692	United Kingdom.....	329	533	582	665	878
China ²	24	53	63	80	91	Yugoslavia.....	14	24	27	30	35
Hong Kong.....	8	20	28	30	37	Africa	43	71	89	130	165
India.....	24	56	69	80	101	Australia and New Zealand	74	124	149	210	161
Iran.....	9	24	35	98	131	Other countries	95	41	33	35	93
Israel.....	18	37	46	57	63						
Japan.....	114	565	810	807	892						
Korea.....	9	25	31	45	53						
Philippines.....	34	57	65	82	101						

¹ Includes countries not shown separately. ² Includes Taiwan. ³ Europe and Asia.

Source of tables 143 and 144: U.S. Immigration and Naturalization Service, *Annual Report*.

Immigration and Naturalization

NO. 145. ALIENS REPORTING UNDER ALIEN ADDRESS PROGRAM: 1960 TO 1980

[In thousands, except percent. All aliens in the United States on January 1 are required to report their addresses to the Department of Justice in January except, for 1960, Mexican agricultural workers]

NATIONALITY	1960	1970	1979	1980		STATE OR AREA OF RESIDENCE	1960	1970	1979	1980	
				Num-ber	Per-cent					Num-ber	Per-cent
Total.....	2,949	4,247	5,058	5,381	100.0	Total.....	2,949	4,247	5,058	5,381	100.0
Canada.....	295	428	296	338	6.3	Arizona.....	35	49	67	72	1.3
China ¹	48	107	183	171	3.2	California.....	567	982	1,317	1,440	26.8
Colombia.....	12	59	81	89	1.7	Colorado.....	20	23	35	38	.7
Cuba.....	63	433	338	334	6.2	Connecticut.....	75	109	95	97	1.8
Dominican Republic.....	(NA)	72	120	135	2.5	Florida.....	84	290	376	413	7.7
Ecuador.....	6	31	52	56	1.0	Hawaii.....	51	53	70	73	1.4
France.....	35	47	49	37	.7	Illinois.....	199	264	290	307	5.7
Germany.....	263	229	167	162	3.0	Indiana.....	29	30	33	35	.7
Greece.....	49	73	64	57	1.1	Louisiana.....	13	23	35	37	.7
India.....	10	42	126	130	2.4	Maryland.....	28	48	57	67	1.3
Ireland.....	68	52	31	27	.5	Massachusetts.....	128	189	167	178	3.3
Italy.....	257	247	189	177	3.3	Michigan.....	142	146	136	142	2.6
Jamaica.....	(NA)	60	92	95	1.8	New Jersey.....	151	233	269	276	5.1
Japan.....	72	82	105	110	2.0	New York.....	554	821	763	801	14.9
Korea.....	10	31	170	182	3.4	Ohio.....	109	98	86	88	1.6
Mexico.....	510	734	1,041	1,059	19.7	Oregon.....	18	24	35	37	.7
Netherlands.....	40	48	36	36	.7	Pennsylvania.....	126	110	110	115	2.1
Philippines.....	61	125	238	247	4.6	Rhode Island.....	18	26	33	35	.7
Poland.....	167	124	86	87	1.6	Texas.....	238	258	425	468	8.7
Portugal.....	32	81	134	135	2.5	Virginia.....	19	31	55	60	1.1
United Kingdom.....	227	330	311	313	5.8	Washington.....	51	63	77	84	1.6
Vietnam.....	(NA)	4	134	199	3.7	Wisconsin.....	35	35	32	34	.6
Yugoslavia.....	51	43	32	34	.6	All other ²	259	362	495	484	9.0
YU all other.....	673	765	983	1,171	21.7						

NA Not available. ¹ Includes Taiwan. ² Includes Puerto Rico and Virgin Islands.

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

NO. 146. ALIEN NATURALIZATION—DECLARATIONS, PETITIONS, AND CERTIFICATES: 1907 TO 1979

[In thousands. For years ending June 30 except, beginning 1977, ending Sept. 30. National data not compiled prior to 1907. Includes U.S. outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series C 168 and C 180]

PERIOD OR YEAR	Declara- tions filed ¹	PETITIONS ²		CERTIFICATES ISSUED				
		Filed	De- nied	Total	Status		Sex	
					Civilian	Military	Male	Female
Total, 1907-1979.....	8,799.4	10,742.4	487.2	³ 10,136.5	9,526.3	610.2	4,698.8	3,844.8
1907-1910.....	526.3	164.0	17.7	111.7	111.7	-	(NA)	(NA)
1911-1920.....	2,686.9	1,381.4	118.7	1,129.0	884.7	244.3	(NA)	(NA)
1921-1930.....	2,709.0	1,884.3	165.5	³ 1,773.2	1,717.0	56.2	⁴ 1,166.2	⁴ 255.2
1931-1940.....	1,369.5	1,637.1	45.8	1,518.5	1,498.6	19.9	968.4	550.1
1941-1950.....	920.3	1,938.1	64.8	1,987.0	1,837.2	149.8	941.5	1,045.5
1951-1960.....	323.8	⁵ 1,230.5	27.6	⁵ 1,189.9	1,148.2	41.7	503.5	686.4
1961-1970.....	144.9	1,143.0	23.6	1,120.3	1,084.2	36.1	513.5	606.8
1971-1979.....	118.7	1,364.1	23.6	1,306.9	1,244.7	62.2	605.7	700.8
1950.....	93.5	66.0	2.3	66.4	64.3	2.1	25.7	40.6
1955.....	10.9	⁵ 213.5	4.6	⁵ 209.6	197.6	12.0	95.9	113.7
1960.....	16.3	127.5	2.3	119.4	117.8	1.6	50.9	68.5
1965.....	13.1	106.8	2.1	104.3	101.2	3.1	48.5	55.8
1970.....	18.8	114.8	2.0	110.4	99.8	10.6	52.7	57.7
1972.....	21.2	121.9	1.8	116.2	107.7	8.5	55.4	60.8
1973.....	17.4	126.9	1.7	120.7	112.9	7.8	56.9	63.8
1974.....	14.0	136.2	2.2	131.7	124.9	6.8	60.8	70.8
1975.....	12.2	149.4	2.3	141.5	135.3	6.2	66.6	75.0
1976.....	10.7	157.9	2.2	142.5	136.9	5.6	66.0	76.5
1977.....	7.5	186.4	2.8	159.9	154.7	5.3	73.4	86.5
1978.....	7.3	168.9	3.9	173.5	168.4	5.1	78.7	94.8
1979.....	6.0	165.4	4.0	164.2	158.3	5.9	74.7	89.4

- Represents zero. NA Not available. ¹ Declaration of intention to become citizen.

² Petition for naturalization. ³ Includes certificates not distributed by sex.

⁴ 1923-1930 only. ⁵ Includes aliens serving in U.S. Armed Forces who were naturalized abroad.

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

NO. 147. ALIENS NATURALIZED—CHARACTERISTICS: 1960 TO 1979

[For years ending June 30 except, beginning 1977, ending September 30. Includes U.S. outlying areas. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series C 162-167 and C 170-171]

CHARACTERISTIC	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total naturalized	119,442	104,299	110,399	120,740	131,655	141,537	142,504	159,887	173,535	164,150
Under general naturalization provisions ¹	91,548	76,630	79,761	94,039	103,450	113,289	114,653	131,331	143,133	132,533
Under special provisions.....	27,894	27,669	30,638	26,701	28,205	28,248	27,851	28,556	30,402	31,617
Married to U.S. citizens.....	19,799	16,802	14,899	13,380	14,768	15,416	15,138	15,394	16,207	15,293
Children of U.S. citizens ²	6,149	7,914	5,023	5,461	6,511	6,568	7,038	7,787	9,035	10,408
Filipinos ³	88	3	-	-	1	-	-	-	-	1
Military.....	1,594	3,085	10,616	7,796	6,848	6,214	5,631	5,305	5,126	5,874
Other.....	264	65	100	64	77	50	44	70	34	41
By sex and marital status:										
Males⁴	50,896	48,495	52,666	56,901	60,823	66,587	66,007	73,377	78,746	74,706
Single.....	14,341	15,358	14,196	15,423	16,946	17,789	16,973	18,709	20,186	20,445
Married.....	34,517	31,766	36,979	39,752	41,982	46,723	46,898	52,342	55,669	51,188
Widowed.....	1,183	593	397	405	423	401	370	381	406	427
Divorced.....	852	773	1,088	1,321	1,472	1,674	1,766	1,945	2,585	2,666
Females⁴	68,546	55,804	57,733	63,839	70,832	74,950	76,497	86,496	94,789	89,444
Single.....	10,330	11,746	11,458	13,103	14,964	15,392	15,977	17,677	19,641	19,718
Married.....	52,252	40,483	42,128	46,271	50,880	54,487	55,308	62,887	68,591	62,957
Widowed.....	4,694	2,416	2,240	2,267	2,298	2,171	2,082	2,343	2,322	2,476
Divorced.....	1,262	1,156	1,001	2,198	2,690	2,900	3,130	3,589	4,235	4,293
Males per 1,000 females.....	743	869	912	891	859	888	863	848	831	835
Median age (years).....	38.0	34.1	35.1	35.4	35.1	34.9	35.2	35.4	35.3	34.7
Male (years).....	38.9	34.6	35.4	36.0	35.7	35.7	36.0	36.0	35.9	35.1
Female (years).....	37.3	33.7	34.8	34.8	34.6	34.3	34.5	34.8	34.8	34.5

- Represents zero. ¹ See text, p. 84. ² Includes adopted children.

³ With U.S. residence beginning prior to May 1, 1934. ⁴ Through 1970 includes status unknown, not shown separately.

NO. 148. ALIENS NATURALIZED, BY COUNTRY OF FORMER ALLEGIANCE, AND BY STATE OF RESIDENCE: 1970 TO 1979

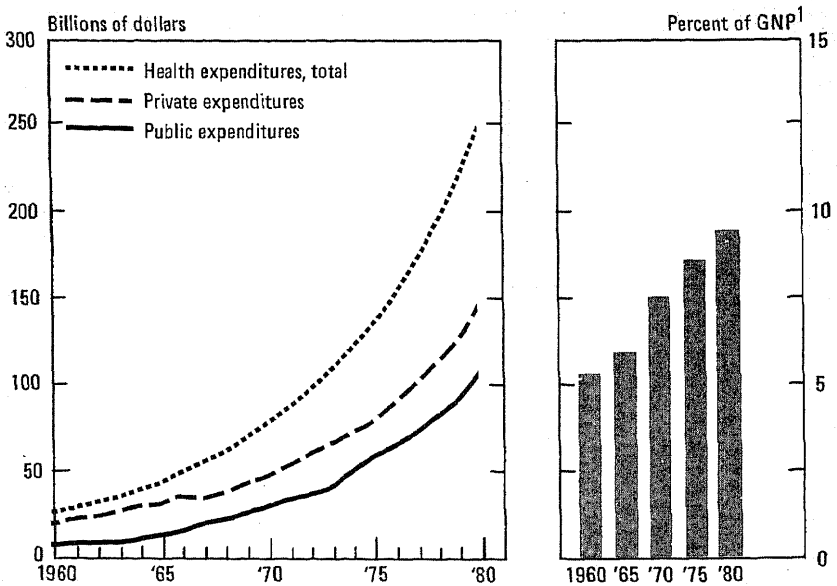
[For years ending June 30 except, beginning 1978, ending September 30. Includes U.S. outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series C 169-179]

COUNTRY OF FORMER ALLEGIANCE	1970	1975	1979		STATE OR AREA OF RESIDENCE	1970	1975	1979	
			Num-ber	Per-cent				Num-ber	Per-cent
Total	110,399	141,537	164,150	100.0	Total	110,399	141,537	164,150	100.0
Canada.....	6,340	3,548	3,085	1.9	Arizona.....	1,007	1,088	1,448	.9
Central America ¹	2,480	2,773	3,892	2.4	California.....	20,054	26,834	30,212	18.4
China ²	3,099	9,683	11,446	7.0	Colorado.....	716	878	1,222	.7
Colombia.....	970	1,699	2,923	1.8	Connecticut.....	2,444	3,509	3,392	2.1
Czechoslovakia.....	506	1,738	1,039	.6	Florida.....	11,556	10,576	11,757	7.2
Egypt.....	377	1,988	1,373	.8	Georgia.....	873	853	987	.6
Germany.....	10,067	5,187	3,437	2.1	Hawaii.....	2,658	3,094	4,384	2.7
Greece.....	2,906	6,647	4,866	3.0	Illinois.....	6,823	9,707	6,927	4.2
India.....	325	2,720	6,001	3.7	Indiana.....	749	1,113	1,144	.7
Italy.....	7,892	8,798	7,296	4.4	Maryland.....	1,855	2,227	3,120	1.9
Israel.....	1,516	1,844	1,280	.8	Massachusetts.....	3,813	5,448	8,251	5.0
Korea.....	1,687	6,007	13,406	8.2	Michigan.....	2,865	3,674	4,534	2.8
Mexico.....	6,195	5,781	8,046	4.9	Minnesota.....	515	1,011	1,448	.9
Philippines.....	5,469	15,330	17,749	10.8	Missouri.....	744	983	1,171	.7
Poland.....	3,426	3,069	2,385	1.5	New Jersey.....	6,633	8,207	13,860	8.4
Portugal.....	1,374	3,728	4,073	2.5	New York.....	21,684	31,700	37,225	22.7
United Kingdom ³	7,549	8,532	8,065	4.9	Ohio.....	2,589	3,741	3,328	2.0
Vietnam.....	282	1,369	1,839	1.1	Oregon.....	481	734	907	.6
West Indies ¹	22,675	22,692	29,138	17.8	Pennsylvania.....	3,169	3,499	4,240	2.6
Cuba.....	20,888	15,546	13,317	8.1	Texas.....	4,858	4,569	5,843	3.6
Dominican Rep.....	538	1,518	3,350	2.0	Virginia.....	1,509	2,207	2,171	1.3
Haiti.....	433	1,966	2,567	1.6	Washington.....	1,352	2,124	2,288	1.4
Jamaica.....	479	2,152	7,632	4.7	Wisconsin.....	913	992	1,068	.7
Other West Indies.....	337	1,510	2,272	1.4	Guam.....	556	1,130	1,089	.7
Yugoslavia.....	1,725	3,273	2,438	1.5	Puerto Rico.....	1,535	1,625	1,161	.7
Other.....	23,539	25,131	30,373	18.3	Other.....	8,448	10,014	10,973	6.5

¹ Independent countries. ² Includes Taiwan. ³ Includes colonies and dependencies.

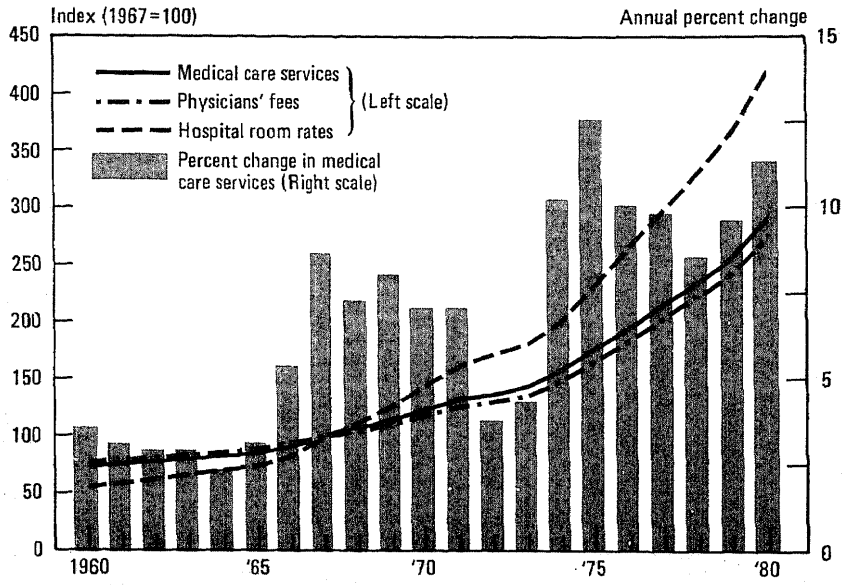
Source of tables 147 and 148: U.S. Immigration and Naturalization Service, *Annual Report*, and releases.

Figure 4.1
National Health Expenditures: 1960 to 1980



¹Gross national product.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 149.

Figure 4.2
Indexes of Medical Care Prices: 1960 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 157.



Section 4

Health and Nutrition

This section presents statistics on health expenditures and insurance coverage; medical personnel; hospitals; nursing homes and other care facilities; incidence of acute and chronic conditions; nutritional intake of the population; per capita food consumption; and Federal food programs. Summary statistics showing recent trends on health care and discussions of selected health issues are published annually by the U.S. National Center for Health Statistics (NCHS) in *Health, United States*. Data on national health expenditures, medical costs, and insurance coverage are collected by the U.S. Health Care Financing Administration (HCFA), and appear in the *Health Care Financing Review*, issued quarterly. Statistics on health personnel and inpatient and outpatient facilities are published biennially by NCHS in *Health Resources Statistics*. Additional data on health personnel are collected by NCHS and are published in series 14 of *Vital and Health Statistics*. Statistics on hospitals are published annually by the American Hospital Association in *Hospital Statistics*. Primary sources for data on nutrition and Federal food programs are the quarterly *National Food Review* and the annual *Agricultural Statistics*, both issued by the U.S. Department of Agriculture. In addition, NCHS conducts periodic surveys of nutrient levels in the population and clinical signs of malnutrition.

National health expenditures.—Estimates of national health care expenditures are compiled by type of expenditure and source of funds by the HCFA. These estimates are drawn from a number of sources such as the American Hospital Association and the following Federal agencies: the Veterans Administration; the Department of Defense; the Internal Revenue Service; the Department of Commerce national income accounts in the *Survey of Current Business*; the National Center for Health Statistics; the Social Security Administration; the Bureau of the Census in *Government Finances*; the Occupational Safety and Health Administration; the National Aeronautics and Space Administration; and the National Institutes of Health. For details, see the section on "Definitions, Concepts, and Sources of Data" in the annual report on national health expenditures published in the *Health Care Financing Review*.

The general method for arriving at national private health expenditures is to estimate the *total* national outlays (public and private) for each type of medical service or expenditure. From these outlays are then deducted the amounts paid to public and private hospitals, physicians in private practice, etc., under the various Federal, State, and local programs identified as components of total welfare expenditures.

Since 1974, data on public (Federal, State, and local governmental) expenditures have been organized and reported under 10 broad categories of health programs: Health insurance for the aged and disabled (Medicare); temporary disability insurance (medical benefits); workers' compensation (medical benefits); public assistance, including Medicaid (vendor medical payments); general hospital and medical care; Defense Department hospital and medical care (including military dependents); maternal and child health services; other public health activities; veterans' hospital and medical care; and medical vocational rehabilitation. For several Federal health programs, the data are taken from the Office of Management and Budget (OMB) special analysis of health programs. For the remainder, the data are supplied by various Federal, State, and local agencies.

Health resources.—Hospital statistics based on data from the American Hospital Association's yearly survey are published annually in *Hospital Statistics*, and cover all hospitals accepted for registration by the Association. To be accepted for registration, a hospital must meet certain requirements relating to number of beds, construction, equipment, medical and nursing staff, patient care, clinical records, surgical and obstetrical facilities, diagnostic and treatment facilities, laboratory services, etc. Data obtained from NCHS cover all U.S. hospitals which meet certain criteria for inclusion. They are published in *Health Resources Statistics*, DHEW Publication No. (PHS) 1509, and in *Vital and Health Statistics* reports, series 14. In these reports, a hospital is defined as a facility with at least six inpatient beds that is licensed as a hospital by a State, or is operated as a hospital by a Federal or State agency.

These last two reports also present statistics on the number, geographic distribution, and characteristics of health resources including physicians, dentists, nurses, other health occupations, hospitals, nursing homes, other inpatient facilities, and outpatient facilities. Statistics on the demographic characteristics of persons employed in the health occupations are based on data compiled by the U.S. Bureau of Labor Statistics and reported in *Employment and Earnings* (monthly). Data based on sample surveys of health personnel and utilization of health facilities providing long-term care, ambulatory care, hospital care, and family planning services are presented in NCHS series 13 and series 14, *Health Resources Utilization Data* and *Manpower and Facilities*. Statistics on patient visits to health care providers, as reported in health interviews, appear in NCHS series 10, *Health Interview Survey*.

The Health Care Financing Administration's *Health Care Financing Program Statistics and Notes* series present data for hospitals and nursing homes as well as extended care facilities and home health agencies. These data are based on records of the Federal Health Insurance for the Aged and Disabled program (Medicare) and differ from those of other sources because they are limited to facilities meeting Federal eligibility standards for participation in Medicare.

Data on patients in hospitals for the mentally ill and on mental health facilities are collected by the National Institute of Mental Health (NIMH) and appear in the *Mental Health Statistics* reports, series A and B, and the Mental Health Statistical Note series.

Institutional population data based on the 1960 and 1970 censuses of the population include information on persons in hospitals, in homes for the aged and dependent, and in other group quarters (see tables 77 and 78). Data concerning inpatient health facilities for the mentally handicapped, orphans, emotionally disturbed and other individuals needing specialized care are published by NCHS in *Health Resources Statistics*.

Disability and illness.—General health statistics, including morbidity, disability, injuries, preventive care, and findings from physiological and psychological testing, are collected by NCHS in its National Health Interview Survey and its National Health and Nutrition Examination Surveys and appear in *Vital and Health Statistics*, series 10 and 11, respectively. Morbidity data for members of the Armed Services are prepared and published by the Departments of the Army, Navy, and Air Force. The Department of Labor compiles statistics on industrial injuries (see section 13). Annual incidence data on notifiable diseases are compiled by the Public Health Service (PHS) at its Centers for Disease Control in Atlanta, Georgia, and are published as a supplement to its *Morbidity and Mortality Weekly Report*. The list of diseases is revised annually and includes those which, by mutual agreement of the States and PHS, are communicable diseases of national importance.

Nutrition.—Statistics on annual per capita consumption of food and its nutrient value are estimated by the U.S. Department of Agriculture and published quarterly (nutrient value, annually) in *National Food Review*. Historical data can be found in *Food Consumption, Prices, and Expenditures*, issued annually. Data on the Federally Funded Food Distribution Program for Needy Families and Children, the National School Lunch Program, the Special Milk Program, and the Food Stamp Program are published annually in *Agricultural Statistics*.

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to data from NCHS and the Health Care Financing Administration, see Appendix III.

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

No. 149. NATIONAL HEALTH EXPENDITURES: 1950 TO 1980

YEAR	TOTAL ¹		HEALTH SERVICES AND SUPPLIES							
	Total (bil. dol.)	Per- cent of GNP ²	Total ³ (bil. dol.)	Private			Public			
				Direct payments		Insurance premiums ⁴ (bil. dol.)	Total ⁵		Medical payments	
				Total (bil. dol.)	Per- cent of total pri- vate		Total (bil. dol.)	Per- cent of total health exp.	Medi- care (bil. dol.)	Public assistan- ce (bil. dol.)
1950.....	12.7	4.4	8.9	7.1	80.3	1.3	2.8	22.0	(x)	.1
1955.....	17.7	4.4	12.9	9.1	70.9	3.2	4.0	22.6	(x)	.2
1960.....	26.9	5.3	19.6	13.0	66.3	5.8	5.6	20.8	(x)	.5
1965.....	41.7	6.0	29.5	18.5	62.8	10.0	8.8	21.0	(x)	2.1
1970.....	74.7	7.5	44.3	26.0	58.7	17.1	25.0	33.4	7.5	6.3
1971.....	83.3	7.7	48.7	27.8	57.1	19.5	28.4	34.1	8.3	8.1
1972.....	93.5	7.9	54.8	31.0	56.5	22.4	32.1	34.3	9.1	9.1
1973.....	103.2	7.8	60.6	34.2	56.5	24.8	35.7	34.6	10.1	10.3
1974.....	116.4	8.1	66.0	36.4	55.2	27.8	43.0	36.9	13.1	12.1
1975.....	132.7	8.6	73.2	39.0	53.2	32.4	51.1	38.5	16.3	15.1
1976.....	149.7	8.7	83.2	43.0	51.7	38.2	57.4	38.4	19.3	16.9
1977.....	169.2	8.8	95.7	48.7	50.9	44.6	64.4	38.1	22.5	18.9
1978.....	189.3	8.8	106.4	54.2	50.9	49.7	73.1	38.6	25.9	21.1
1979.....	214.6	8.9	120.8	62.0	51.4	55.9	83.6	38.9	30.3	24.2
1980.....	247.2	9.4	138.7	70.6	50.9	64.9	96.9	39.2	36.7	28.2

X Not applicable. ¹ Includes medical research and medical facilities construction. ² GNP=Gross national product; see Section 14. ³ Includes other sources of funds not shown separately. ⁴ See footnote 3, table 150. ⁵ Includes other programs, not shown separately.

No. 150. NATIONAL HEALTH EXPENDITURES, BY TYPE: 1965 TO 1980

[In millions of dollars, except percent. See also *Historical Statistics, Colonial Times to 1970*, series B 248-261]

TYPE OF EXPENDITURE	1965	1970	1974	1975	1976	1977	1978	1979	1980
Total	41,749	74,663	116,379	132,720	149,655	169,248	189,325	214,612	247,206
Average annual percent change ¹	² 9.2	12.3	11.7	14.0	12.8	13.1	11.9	13.4	15.2
Private expenditures	30,950	46,871	69,263	76,540	86,718	99,140	109,959	124,521	142,958
Health services and supplies.....	29,482	44,311	65,958	73,205	83,205	95,674	106,392	120,751	138,682
Direct payments.....	18,522	26,024	36,419	38,979	43,007	48,707	54,198	62,022	70,572
Insurance premiums ³	9,993	17,075	27,777	32,437	38,172	44,619	49,692	55,859	64,885
Other.....	966	1,213	1,762	1,788	2,026	2,348	2,501	2,869	3,226
Medical research.....	176	215	252	264	267	273	282	302	322
Medical facilities construction.....	1,292	2,345	3,053	3,072	3,246	3,193	3,285	3,468	3,954
Public expenditures	10,799	27,792	47,116	56,180	62,937	70,109	79,366	90,091	104,247
Percent Federal of public.....	51.3	63.6	64.6	68.0	67.6	67.6	67.6	67.5	68.0
Health services and supplies.....	8,754	24,952	42,953	51,115	57,421	64,404	73,147	83,591	96,949
OASDHI (Medicare) ⁴	(X)	7,500	13,099	16,317	19,303	22,524	25,932	30,345	36,748
Temporary disability insurance ⁵	52	66	71	73	71	74	80	58	53
Workers' compensation (med.) ⁵	798	1,408	2,175	2,430	2,756	3,129	3,476	4,089	4,594
Public assistance med. payments ⁶	2,112	6,321	12,079	15,098	16,852	18,858	21,113	24,237	28,240
General hospital, medical care ⁷	2,663	3,956	5,648	5,411	5,064	5,382	5,791	6,175	6,559
Defense Dept. hospital, medical.....	853	1,782	2,893	2,830	2,964	3,062	3,441	3,801	4,226
Maternal, child health programs.....	255	429	547	589	641	683	726	763	763
Public health activities.....	814	1,420	2,731	3,157	3,813	4,320	5,327	6,354	7,309
Veterans' hospital, medical care.....	1,145	1,764	3,000	3,495	4,152	4,400	4,984	5,329	5,832
Medical vocational rehabilitation.....	40	149	203	224	222	250	259	279	277
Other.....	23	158	507	1,490	1,581	1,723	2,017	2,160	2,337
Medical research.....	1,340	1,754	2,538	3,071	3,434	3,646	4,162	4,524	5,123
Medical facilities construction.....	705	1,086	1,625	1,994	2,083	2,059	2,057	1,976	2,176

X Not applicable. ¹ Change from prior year shown, except as noted. For explanation of average annual percent change, see Guide to Tabular Presentation. ² Change from 1960. ³ Covers insurance benefits and amount retained by insurance companies for expenses, additions to reserves, and profits (net cost of insurance). ⁴ Federal hospital and medical insurance under old-age, survivors, disability, and health insurance programs; see text, p. 315. ⁵ Includes medical benefits paid under public law by private insurance carriers and self-insurers. ⁶ Payments made directly to suppliers of medical care. Primarily Medicaid. ⁷ Primarily covers State and local psychiatric hospitals and school health.

Source of tables 149 and 150; U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1981 and earlier issues; and unpublished data.

NO. 151. NATIONAL HEALTH EXPENDITURES, BY OBJECT: 1960 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series B 221-235]

OBJECT OF EXPENDITURE	EXPENDITURE (bil. dol.)								PERCENT			
	1960	1965	1970	1975	1977	1978	1979	1980	1960	1970	1975	1980
Total	26.9	41.7	74.7	132.7	169.2	189.3	214.6	247.2	100.0	100.0	100.0	100.0
Spent by:												
Consumers.....	18.8	28.5	43.1	71.4	93.3	103.9	117.9	135.5	69.9	57.7	53.8	54.8
Government.....	6.6	10.8	27.8	56.2	70.1	79.4	90.1	104.2	24.5	37.2	42.3	42.2
Philanthropy and industry.....	1.4	2.4	3.8	5.1	5.8	6.1	6.6	7.5	5.2	5.1	3.9	3.0
Spent for:												
Health services and supplies.....	25.2	38.2	69.3	124.3	160.1	179.5	204.3	235.6	93.7	92.8	93.7	95.3
Personal health care expenses.....	23.7	35.8	65.1	116.8	148.7	166.7	189.1	217.9	88.1	87.3	88.0	88.2
Hospital care.....	9.1	13.9	27.8	52.1	67.8	75.7	85.7	99.6	33.6	37.2	39.3	40.3
Physicians' services.....	5.7	8.5	14.3	24.9	31.9	35.8	40.7	46.6	21.2	19.2	18.8	18.9
Dentists' services.....	2.0	2.8	4.7	8.2	10.5	11.8	13.5	15.9	7.4	6.4	6.2	6.4
Other professional services ¹	.9	1.0	1.6	2.6	3.6	4.1	4.7	5.4	3.3	2.1	2.0	2.2
Drugs and sundries.....	3.7	5.2	8.0	11.9	14.1	15.4	17.2	19.2	13.8	10.7	9.0	7.8
Eyeglasses and appliances ²	.8	1.2	1.9	3.2	3.7	4.1	4.6	5.1	3.0	2.6	2.4	2.1
Nursing home care.....	.5	2.1	4.7	10.1	13.2	15.2	17.8	20.7	1.9	6.3	7.6	8.4
Other health services.....	1.1	1.1	2.1	3.7	4.1	4.5	5.0	5.4	4.1	2.8	2.8	2.2
Expense for prepayment and administration ³	1.1	1.7	2.7	4.4	7.1	7.5	8.9	10.4	4.1	3.6	3.3	4.2
Government public health activities.....	.4	.8	1.4	3.2	4.3	5.3	6.4	7.3	1.5	1.9	2.4	3.0
Research.....	.6	1.5	2.0	3.3	3.9	4.4	4.8	5.4	2.2	2.6	2.5	2.2
Construction.....	1.0	2.0	3.4	5.1	5.3	5.3	5.4	6.1	3.7	4.6	3.8	2.5

¹ Includes services of registered and practical nurses in private duty, visiting nurses, podiatrists, physical therapists, clinical psychologists, chiropractors, naturopaths, and Christian Science practitioners. ² Includes fees of optometrists and expenditures for hearing aids, orthopedic appliances, artificial limbs, crutches, wheelchairs, etc. ³ Net cost of insurance and administrative expenses of federally financed health programs.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1981, and unpublished data.

NO. 152. HEALTH SERVICES AND SUPPLIES—PER CAPITA NATIONAL AND PRIVATE CONSUMER EXPENDITURES, BY OBJECT: 1960 TO 1980

[In dollars, except percent. Based on Bureau of the Census data for total U.S. population as of January 1 for 1960, as of July 1 beginning 1965; including Armed Forces and Federal employees abroad and civilian population of outlying areas. Excludes research and construction. See also *Historical Statistics, Colonial Times to 1970*, series B 222-232]

OBJECT OF EXPENDITURE	1960	1965	1970	1975	1976	1977	1978	1979	1980
Total, national	137	193	332	565	633	714	792	892	1,017
Average annual percent change ¹	6.4	7.1	11.1	11.0	11.7	12.0	10.7	12.1	13.9
Hospital care.....	49	70	133	237	270	302	334	374	430
Physicians' services.....	31	43	69	113	124	142	158	178	201
Dentists' services.....	11	14	23	37	43	47	52	59	68
Other professional services ²	5	5	8	12	14	16	18	20	23
Drugs and drug sundries.....	20	26	38	54	59	63	68	75	83
Eyeglasses and appliances ²	4	6	9	14	15	16	18	20	22
Nursing home care.....	3	10	23	46	51	59	67	78	89
Other health services.....	6	6	10	17	17	18	20	22	23
Expenses for prepayment and administration ²	6	8	13	20	23	31	33	39	45
Government public health activities.....	2	4	7	14	17	19	24	28	32
Total, private consumer	102	144	207	325	366	416	459	515	585
Hospital care.....	28	41	61	103	120	134	149	166	190
Physicians' services.....	29	40	54	84	92	106	117	131	148
Dentists' services.....	11	14	22	35	40	45	50	57	66
Other professional services ²	4	5	6	9	11	12	14	15	17
Drugs and drug sundries.....	20	25	36	50	54	57	62	69	76
Eyeglasses and appliances ²	4	6	9	13	14	15	17	18	20
Nursing home care.....	2	7	11	20	23	26	30	34	38
Expenses for prepayment ³	5	6	7	11	12	21	21	25	29

¹ Change from prior year shown; for 1960 from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. ² See footnotes for corresponding objects in table 151. ³ Net cost of insurance.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1981, and unpublished data.

NO. 153. GOVERNMENT EXPENDITURES FOR HEALTH SERVICES AND SUPPLIES: 1975 AND 1980

[In millions of dollars, except percent. Excludes medical research and construction]

YEAR AND TYPE OF SERVICE	Total ¹	Per- cent distribu- tion	FEDERAL		State and local	Medicare ² (OASDHI)	Public assist- ance ³	OTHER HEALTH SERVICES		
			Total	Per- cent of total				Vet- erans	De- fense Dept. ⁴	Work- ers' com- pen- sation ⁵
1975, total ¹	51,115	100.0	33,813	66.2	17,301	16,317	15,098	3,495	2,830	2,430
Hospital care	28,830	56.4	20,270	70.3	8,560	11,619	5,065	2,894	2,199	1,014
Physicians' services	6,529	12.8	4,645	71.1	1,884	3,319	2,010	38	76	681
Nursing home care	5,681	11.1	3,185	56.1	2,496	290	5,216	174	-	-
Drugs and sundries	1,027	2.0	527	51.3	500	-	954	9	8	41
Administration	1,831	3.6	1,163	63.5	1,163	728	618	37	23	391
Public health activities	3,157	6.2	1,221	38.7	1,936	-	-	-	-	-
1980, total ¹	96,949	100.0	65,659	67.7	31,289	36,748	28,240	5,832	4,226	4,594
Hospital care	54,237	55.9	41,312	76.2	12,925	26,281	10,112	4,836	3,348	1,975
Physicians' services	12,285	12.7	9,417	76.7	2,868	7,748	2,449	57	118	1,639
Nursing home care	11,758	12.1	6,417	54.6	5,342	392	11,008	359	-	-
Drugs and sundries	1,558	1.6	779	50.0	779	-	1,436	13	13	77
Administration	3,233	3.3	1,953	60.4	1,953	1,124	1,270	49	30	706
Public health activities	7,309	7.5	1,175	16.1	6,135	-	-	-	-	-

- Represents zero. ¹ Includes other items not shown separately. ² Covers hospital and medical insurance payments and administrative costs under old-age, survivors, disability and health insurance program. ³ Covers Medicaid and other medical public assistance. Includes funds paid into Medicare trust fund by States to cover premiums for public assistance recipients and medically indigent persons. ⁴ Includes care for retirees and military dependents. ⁵ Medical benefits.

NO. 154. PERSONAL HEALTH CARE—THIRD PARTY PAYMENTS AND PRIVATE CONSUMER EXPENDITURES: 1960 TO 1980

[In millions of dollars, except percent]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980
Personal health care expenditures ¹	23,680	35,762	65,148	116,756	131,791	148,697	166,668	189,132	217,929
Third party payments, total	10,690	17,240	39,125	77,777	88,783	99,990	112,470	127,110	147,351
Percent of total health care	45.1	48.2	60.1	66.6	67.4	67.2	67.5	67.2	67.6
Private insurance payments	4,996	8,738	15,619	30,072	35,471	40,013	45,044	50,176	58,080
Government expenditures	5,157	7,714	22,472	46,126	51,518	57,895	65,189	74,382	86,406
Philanthropy and industry	537	788	1,034	1,578	1,795	2,081	2,236	2,552	2,864
Private consumer expenditures ²	17,986	27,260	41,642	69,051	78,478	88,721	99,242	112,196	128,652
Percent met by private insurance	27.8	32.1	37.5	43.6	45.2	45.1	45.4	44.7	45.1
Hospital care	5,108	8,176	12,700	22,696	26,533	30,138	33,732	38,077	44,104
Percent met by private insurance	64.7	70.9	78.2	81.3	81.3	79.2	80.4	79.1	79.4
Physicians' services	5,309	7,882	11,330	18,389	20,448	23,796	26,576	30,001	34,298
Percent met by private insurance	30.0	34.0	42.9	50.9	52.7	52.3	50.7	48.9	49.3

¹ See headnote, table 155. ² Includes expenditures not shown separately. Excludes expenses for prepayment.

NO. 155. PERSONAL HEALTH CARE EXPENDITURES, BY TYPE AND SOURCE OF PAYMENT: 1980

[In millions of dollars, except as indicated. Covers all expenditures for health services and supplies, except expenses for prepayment and administration, government public health activities, and expenditures of philanthropic agencies for fund raising activities]

SOURCE	TOTAL EXPENDITURES		Hospi- tal care	Physi- cians' serv- ices	Den- tists' serv- ices	Other prof- essional services	Drugs and drug sun- dries	Eye- glasses and appli- ances	Nurs- ing home care	Other health serv- ices
	Total	Per cap- ita ¹ (dol.)								
Total	217,923	941	99,577	46,610	15,852	5,399	19,230	5,120	20,727	5,408
Direct payments	70,572	305	9,064	17,385	11,956	3,196	15,901	4,375	8,695	-
Third party payments	147,351	636	90,513	29,225	3,896	2,203	3,329	745	12,032	5,408
Private health insurance	58,080	251	35,040	16,913	3,307	693	1,771	207	149	-
Government	86,406	373	54,237	12,285	589	1,451	1,558	538	11,758	3,990
Philanthropy and industry	2,865	12	1,236	28	-	58	-	-	124	1,418
Private ²	131,516	568	45,340	34,326	15,263	3,948	17,672	4,582	8,968	1,418

- Represents zero. ¹ For basis of per capita figures, see headnote, table 152. ² Covers direct payments, private health insurance, and philanthropy and industry.

Source of tables 153-155: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1981.

**NO. 156. PERSONAL HEALTH CARE EXPENDITURES, BY AGE GROUP, 1965 TO 1978, AND BY TYPE:
1978**

[In millions of dollars, except per capita. See headnote, table 155, for definition of personal health care expenditures. Data do not agree with tables 151, 152, and 154 because data shown here are not based on latest revisions for total national health expenditures]

YEAR AND TYPE OF EXPENDITURE	Total	Public	Private	UNDER 19 YEARS OLD		19-64 YEARS OLD		65 YEARS OLD AND OVER	
				Public	Private	Public	Private	Public	Private
1965.....	37,267	7,880	29,387	992	5,391	4,231	17,781	2,656	6,213
1970.....	65,723	22,442	43,281	2,479	7,878	9,389	28,708	10,577	6,694
1976.....	132,127	51,596	80,531	4,801	11,789	22,494	55,367	24,302	13,372
1977.....	149,139	58,091	91,048	5,206	13,053	25,196	62,382	27,690	15,613
1978, total.....	167,911	65,042	102,870	5,696	14,180	28,172	70,497	31,175	18,192
Per capita ¹ (dollars).....	753	232	461	82	204	218	546	1,280	747
Hospital care.....	76,025	40,919	35,107	3,235	3,835	19,159	28,626	18,524	2,645
Physicians' services.....	35,250	9,439	25,811	833	4,382	3,316	17,808	5,290	3,620
Dentists' services.....	13,300	539	12,761	234	2,546	261	8,876	45	1,338
Other professional services.....	4,275	972	3,303	205	193	307	2,480	459	631
Drugs and drug sundries.....	15,098	1,300	13,798	173	2,850	625	8,419	503	2,728
Eyeglasses and appliances.....	3,879	357	3,522	22	459	134	2,659	201	405
Nursing home care.....	15,751	8,358	7,394	67		2,457	600	5,834	6,790
Other health services.....	4,333	3,158	1,175	927	113	1,913	1,028	319	35

¹ Based on U.S. Bureau of the Census data as of January 1 for total U.S. population including Armed Forces and Federal civilian employees abroad, and the civilian population of outlying areas.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Spring 1980.

NO. 157. INDEXES OF MEDICAL CARE PRICES: 1960 TO 1981

[1967=100. 1960 excludes Alaska and Hawaii. Indexes are components of consumer price index; for explanation, see text, pp. 457 and 458. For explanation of average annual percent change, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series B 262-272]

YEAR	Index, total	Average annual percent change	Medical care services ¹	PROFESSIONAL SERVICES			Hospital room	Drugs and prescriptions ²
				Total ¹	Physicians ¹	Dental		
1960.....	79.1	^a 3.5	74.9	(NA)	77.0	82.1	57.3	104.5
1965.....	89.5	2.5	87.3	(NA)	88.3	92.2	75.9	100.2
1970.....	120.6	6.2	124.2	119.7	121.4	119.4	145.4	103.6
1971.....	128.4	6.5	133.0	127.5	129.8	127.0	163.1	105.4
1972.....	132.5	3.2	138.2	132.1	133.8	132.3	173.9	105.6
1973.....	137.7	3.9	144.3	136.4	138.2	136.4	182.1	105.9
1974.....	150.5	9.3	159.1	148.2	150.9	146.8	201.5	109.6
1975.....	168.6	12.0	179.1	164.5	169.4	161.9	236.1	118.8
1976.....	184.7	9.5	197.1	179.4	188.5	172.2	268.8	126.0
1977.....	202.4	9.6	216.7	194.1	206.0	185.1	299.5	134.1
1978.....	219.4	8.4	235.4	208.8	223.1	198.1	332.4	143.5
1979.....	239.7	9.3	258.3	226.8	243.6	214.8	370.3	153.8
1980.....	265.9	10.9	287.4	252.0	269.3	240.2	418.9	168.1
1981, May.....	289.0	(x)	311.7	273.8	295.5	257.7	465.1	184.7

NA Not available. X Not applicable. ¹ Includes other services, not shown separately. ² Beginning 1978, represents medical care commodities which cover drugs, prescriptions, and other medical supplies. ³ Change from 1955.

Source: U.S. Bureau of Labor Statistics, *Consumer Price Indexes for Selected Items and Groups*, monthly and annual averages.

NO. 158. BENEFIT EXPENDITURES OF PRIVATE HEALTH INSURANCE ORGANIZATIONS: 1975 TO 1979

[In millions of dollars. For financial data on private health insurance organizations, see table 891]

TYPE OF CARE	Total	BLUE CROSS-BLUE SHIELD			INSURANCE COMPANIES			Independent plans
		Total	Blue Cross	Blue Shield	Total	Group policies	Individual policies	
1975, total.....	30,072	14,192	10,076	4,116	13,157	11,588	1,569	2,723
1976, total.....	35,471	16,227	11,625	4,602	15,493	13,762	1,731	3,751
1977, total.....	40,013	17,626	12,474	5,152	17,206	15,284	1,922	5,181
1978, total.....	45,044	19,465	13,491	5,974	19,057	16,394	2,663	6,522
1979, total.....	50,176	21,724	15,396	6,328	20,145	17,452	2,693	8,307
Hospital care.....	30,130	14,588	14,321	268	12,012	10,126	1,886	3,529
Physicians' services.....	14,677	5,880	425	5,455	5,896	5,152	744	2,902
Dental care and other.....	5,369	1,256	650	605	2,237	2,174	63	1,876

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1981.

NO. 159. PRIVATE HEALTH INSURANCE—PERSONS COVERED FOR SPECIFIED BENEFITS: 1960 TO 1979

[In millions, except percent. As of December 31. For persons covered under Federal Government programs, see tables 546, 547, 549 and 550. Data for other plans from Survey of Independent Prepaid and Self-Insured Health Plans; see Appendix III. HIAA=Health Insurance Association of America. See *Historical Statistics, Colonial Times to 1970*, series B 401-412, for persons covered]

BENEFIT AND TYPE OF PLAN	1960	1965	1970	1974	1975	1976	1977	1978	1979
Hospital benefits, persons covered:									
Estimate, household survey (net) ¹	² 129.8	³ 145.5	154.1	162.7	162.4	164.2	168.4	169.1	170.8
Percent of population covered ⁴	² 70.0	³ 73.9	75.9	77.3	76.4	76.8	78.1	77.8	77.8
Estimate by HIAA (net) ^{5,6}	122.5	138.7	158.8	173.1	178.0	176.6	179.0	181.5	183.2
Percent of population covered ⁴	68.2	71.9	78.2	82.2	82.4	81.2	81.6	84.7	84.8
Blue Cross-Blue Shield plans, gross	57.5	63.7	75.5	83.8	85.8	85.5	85.1	85.3	85.4
Insurance companies, gross ^{6,7}	76.6	87.0	107.2	114.2	117.3	102.9	105.1	111.7	109.8
Group policies ^{6,7}	54.4	63.0	80.5	85.4	87.2	75.9	76.4	75.6	75.5
Individual policies	22.2	24.0	26.7	28.8	30.1	27.0	28.7	36.1	34.4
Other plans, gross ^{8,9}	6.0	7.0	8.1	10.9	13.1	14.9	18.1	21.5	25.5
Surgical benefits, persons covered:									
Estimate, household survey (net) ¹	² 120.5	³ 142.1	150.0	158.9	160.2	160.2	161.7	161.9	165.1
Percent of population covered ⁴	² 65.0	³ 72.2	73.9	75.5	75.4	74.9	75.0	74.4	75.2
Estimate by HIAA (net) ^{5,6}	111.5	130.5	151.4	166.4	169.9	167.4	167.2	172.5	173.8
Percent of population covered ⁴	62.0	67.7	74.6	78.0	78.2	77.0	76.2	80.5	80.4
Blue Cross-Blue Shield plans, gross	48.3	55.3	69.1	76.9	77.8	77.0	75.4	74.4	73.5
Insurance companies, gross ^{6,7}	71.5	83.2	99.5	105.1	106.4	93.3	93.0	94.6	95.3
Group policies ^{6,7}	55.5	65.5	81.5	86.6	88.0	77.2	78.6	77.8	77.6
Individual policies	16.0	17.7	18.0	18.5	18.5	16.1	14.4	16.7	17.7
Other plans, gross ^{8,9}	7.3	8.7	10.5	13.7	15.8	18.0	21.5	25.0	29.1
Major medical expense: ^{6,10}									
Total persons covered, net	32.6	69.7	103.5	131.4	134.1	135.0	139.4	141.5	147.6
Insurance companies, net	25.4	53.0	77.1	91.0	92.2	93.2	96.0	102.5	104.5
Group policies, net	24.4	49.7	73.7	86.0	87.0	88.5	91.7	98.1	99.8
Individual and family policies	1.6	4.5	5.4	7.2	7.3	6.7	6.1	6.9	7.3
Blue Cross-Blue Shield	3.7	14.6	24.9	40.9	42.1	41.7	39.4	39.3	¹¹ 43.3
Other plans	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	12.4	13.7	¹¹ 15.1
In-hospital medical visits:									
Estimate by HCFA (net) ⁹	(NA)	(NA)	145.6	146.5	151.6	159.6	160.2	163.5	167.6
Percent of population covered ⁴	(NA)	(NA)	71.7	69.6	71.4	74.6	74.3	75.2	76.3
Estimate by HIAA (net) ⁵	83.2	109.6	138.7	158.2	161.9	163.1	160.4	164.1	163.9
Percent of population covered ⁴	46.3	56.8	68.3	75.1	75.0	75.0	73.1	76.6	75.8
X-ray and lab. exams (out-of-hospital) (net) ⁹	(NA)	79.5	142.4	152.2	156.7	147.1	146.2	151.1	166.4
Percent of population covered ⁴	(NA)	41.2	70.2	72.3	73.8	68.8	67.8	69.5	75.8
Office and home visits (net) ⁹	(NA)	67.8	126.2	127.7	127.2	127.2	124.3	135.8	133.4
Percent of population covered ⁴	(NA)	33.4	59.5	60.1	59.5	57.6	62.4	60.7	60.3
Dental care (net) ⁹	(NA)	3.1	12.0	27.9	30.0	39.5	44.4	53.8	60.3
Percent of population covered ⁴	(NA)	1.6	5.9	13.3	14.1	18.4	20.6	24.8	27.4
Prescribed drugs (out-of-hospital) (net) ⁹	(NA)	53.2	101.0	142.2	149.3	132.3	131.4	132.3	131.2
Percent of population covered ⁴	(NA)	27.6	49.7	67.5	70.3	61.8	60.9	60.8	59.8
Private duty nursing (net) ⁹	(NA)	56.0	100.2	140.4	145.9	128.9	129.9	133.7	126.9
Percent of population covered ⁴	(NA)	29.0	49.4	66.6	68.7	60.3	60.3	61.5	57.8
Visiting nurse service (net) ⁹	(NA)	60.1	106.9	135.8	141.6	127.0	130.3	140.0	161.1
Percent of population covered ⁴	(NA)	31.2	52.6	64.5	66.6	59.4	60.4	64.4	73.3
Nursing home care (net) ⁹	(NA)	9.9	32.4	69.6	70.1	64.0	61.1	84.5	97.6
Percent of population covered ⁴	(NA)	5.1	16.0	33.0	33.0	29.9	28.3	38.9	44.4

NA Not available. ¹ Surveys by U.S. National Center for Health Statistics. ² 1962 data. ³ 1967 data. ⁴ Based on Bureau of the Census estimated civilian population as of January 1 of following year. ⁵ Includes duplication which occurs when persons are members of an independent prepaid or self-insured plan or other health plan with which an insurance company has an administrative service agreement and/or a minimum premium plan. ⁶ Beginning 1975, includes Puerto Rico and outlying areas.

⁷ Beginning 1976, excludes persons covered in administrative service only and minimum premium plans. ⁸ All private plans other than Blue Cross-Blue Shield and insurance companies. ⁹ Estimates by Health Care Financing Administration (HCFA).

¹⁰ Source: Health Insurance Institute, Washington, D.C. *Source Book of Health Insurance Data*, annual. Coverage provides protection against especially heavy medical bills resulting from "catastrophic" or prolonged illness, and is used to supplement basic medical care insurance or as a comprehensive integrated program providing both basic and major medical protection, including charges for private duty nursing, drugs, and medical appliances. ¹¹ Preliminary.

Source: Except as noted, U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1981. Data for 1960-1976 published by U.S. Social Security Administration in *Social Security Bulletin*, September 1978, and earlier issues.

Health and Nutrition

NO. 160. PERSONS COVERED BY PRIVATE HEALTH INSURANCE: 1967 TO 1979

TYPE OF CARE	PERCENT UNDER 65 YEARS						PERCENT 65 YEARS AND OVER					
	1967	1970	1975	1977	1978	1979	1967	1970	1975	1977	1978	1979
Hospital care.....	77.0	78.6	78.1	79.2	79.2	79.5	45.0	51.4	62.7	67.3	66.4	64.1
Physicians' services:												
Surgical services.....	75.2	76.9	77.9	78.1	78.5	79.3	44.1	46.7	55.0	49.7	42.4	42.8
In-hospital visits.....	65.6	75.1	79.6	78.3	79.2	80.4	31.1	41.1	42.8	42.1	44.0	44.0
X-ray and laboratory exams.....	50.0	73.8	78.2	71.6	73.6	80.0	18.7	37.4	37.1	37.2	37.4	42.4
Office and home visits.....	(NA)	35.2	63.9	61.2	66.7	65.1	(NA)	17.3	28.6	28.5	28.4	26.5
Dental care.....	2.6	6.5	15.5	22.6	27.0	30.2	.4	.6	2.4	4.8	6.6	6.1
Prescribed drugs (out-of-hospital).....	39.0	53.5	76.1	66.2	66.2	65.2	9.7	15.9	21.8	18.2	18.8	17.5
Private duty nursing.....	41.5	53.1	74.3	65.8	67.5	63.4	11.7	15.8	21.7	15.7	14.2	14.1
Visiting nurse service.....	44.6	56.4	71.8	65.7	69.1	78.4	13.0	18.8	24.1	18.2	26.8	33.7
Nursing home care.....	8.9	15.4	34.6	29.7	39.3	44.0	15.2	24.7	19.6	23.3	35.1	47.8

NA Not available.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1981. Data for 1967-1975 published by U.S. Social Security Administration in *Social Security Bulletin*, September 1978, and earlier issues.

NO. 161. PUBLIC AND PRIVATE HEALTH CARE COVERAGE, BY FAMILY INCOME AND AGE: 1976

[Data based on the Survey of Income and Education conducted by the U.S. Bureau of the Census; see Appendix III, section I. Data adjusted by source for underreporting of coverage by public programs]

FAMILY INCOME IN 1975 AND AGE	POPULATION (1,000)			PERCENT DISTRIBUTION				
	Total	Without coverage	With coverage	Without coverage	With coverage			
					Total	Private only	Public only	Public and private
Total.....	211,517	21,526	169,991	10.2	89.8	63.4	12.7	13.6
Under \$5,000.....	27,985	4,873	23,112	17.4	82.6	18.9	42.7	20.8
\$5,000-\$9,999.....	42,414	7,021	35,392	16.6	83.5	41.6	20.0	21.8
\$10,000-\$14,999.....	44,688	4,106	40,582	9.2	90.6	65.2	7.3	18.2
\$15,000 and over.....	96,431	5,525	90,905	5.7	94.3	85.0	3.4	5.7
Under 6 years.....	19,000	2,632	16,368	13.9	86.2	67.6	14.4	4.1
6-13 years.....	50,326	5,637	44,689	11.2	88.8	71.6	11.6	5.4
19-24 years.....	22,965	4,711	18,254	20.5	79.5	67.6	8.1	3.4
25-44 years.....	54,232	5,037	49,196	9.3	90.7	72.0	8.3	10.3
45-64 years.....	43,273	3,290	39,983	7.6	92.4	70.0	8.8	13.5
65 years and over.....	21,721	219	21,502	1.0	99.0	1.5	37.7	59.8

Source: U.S. Congress, Congressional Budget Office, *Profile of Health Care Coverage: The Haves and Have-Nots*. 1979.

NO. 162. EMPLOYED PERSONS IN SELECTED HEALTH OCCUPATIONS: 1972 TO 1980

[In thousands except percent. Persons 16 years old and over. Annual averages based on data collected by Bureau of the Census as part of Current Population Survey; see Appendix III]

OCCUPATION	1972	1975	1980			OCCUPATION	1972	1975	1980		
			Number	Percent—					Number	Percent—	
				Female	Black ¹					Female	Black ¹
Total	3,511	4,041	5,030	75.0	15.8	Health administrators.....	118	152	210	48.1	8.1
Physicians, dentists, and related ²	624	647	777	12.9	8.2	Health technologists and technicians ²	315	397	571	70.8	11.2
Dentists.....	107	110	140	4.3	5.0	Clinical laboratory.....	142	177	234	75.2	14.1
Pharmacists.....	126	119	120	25.0	8.3	Radiology.....	68	79	100	70.0	9.0
Physicians ³	328	354	426	13.4	10.8	Health service ²	1,505	1,718	1,898	89.7	24.2
Registered nurses.....	801	935	1,302	96.5	11.4	Health aides and trainees ⁴	148	219	290	84.1	22.1
Therapists.....	115	157	213	73.7	11.7	Nursing aides ⁵	912	1,001	1,093	87.5	28.8
Dietitians.....	33	35	59	91.5	25.4	Practical nurses.....	342	370	375	97.3	19.2

¹ Comprises all races other than White. ² Includes other occupations not shown separately. ³ Medical and osteopathic. ⁴ Excludes nursing. ⁵ Includes orderlies and attendants.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, October 1973, January 1976, and January 1981.

No. 163. PHYSICIANS, DENTISTS, AND NURSES: 1950 TO 1979

[Physicians and dentists as of **end of year**; nurses as of **Jan. 1** except **April 1** for 1950. Prior to 1960, data for nurses exclude Alaska and Hawaii. Data for physicians include Puerto Rico and outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series B 275-290]

ITEM	Unit	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979
Physicians, number	1,000	233	255	275	305	348	409	426	438	454	473
Rate per 100,000 population ¹	Rate.....	149	150	148	153	166	188	194	199	204	210
Doctors of medicine ²	1,000.....	220	242	260	292	334	394	409	421	437	455
Active (exc. in Federal service).....	1,000.....	(NA)	(NA)	(NA)	255	282	338	351	362	381	399
Rate per 100,000 population ³	Rate.....	(NA)	(NA)	(NA)	130	137	157	161	165	172	177
Active foreign medical school grad. ⁴	1,000.....	(NA)	(NA)	(NA)	(NA)	77	81	84	85	90	90
Doctors of osteopathy.....	1,000.....	13	14	14	13	14	⁵ 15	⁵ 16	⁵ 17	17	18
Physicians admitted to U.S. as immigrants ⁶	1,000.....	1.9	1.0	1.6	2.0	3.2	5.4	6.2	7.1	4.4	3.0
Medical and osteopathic schools.....	Number.....	85	87	91	93	107	123	123	126	134	138
Students.....	1,000.....	26.9	30.5	32.0	34.1	39.7	57.2	59.6	61.9	64.3	66.5
Graduates.....	1,000.....	5.9	7.4	7.5	7.8	8.8	13.4	14.3	14.5	15.4	18.5
Newly licensed physicians, total ⁴	Number.....	6.0	7.7	8.0	9.1	11.0	16.9	17.7	18.2	19.4	19.9
Percent of total active M.D.'s.....	Percent.....	(NA)	(NA)	(NA)	3.3	3.5	4.6	4.7	4.6	4.8	4.8
Graduates of—											
U.S. and Canadian medical schools.....	Number.....	5.7	6.8	6.6	7.6	8.0	10.9	11.3	12.3	14.8	16.3
Foreign medical schools.....	Number.....	.3	.9	1.4	1.5	3.0	6.0	6.4	5.9	4.6	3.6
Percent of total newly licensed.....	Percent.....	5.1	11.7	17.7	16.7	27.3	35.4	36.3	32.2	23.6	17.9
Dentists, number ⁷	1,000	87	95	103	109	116	(NA)	115	118	121	124
Active (exc. in Federal service).....	1,000.....	75	78	85	90	96	107	110	113	115	118
Rate per 100,000 population ³	Rate.....	50	48	47	47	47	50	52	52	53	54
Dental schools.....	Number.....	41	43	47	49	53	59	59	59	59	60
Students.....	1,000.....	11.5	12.6	13.6	13.9	16.0	20.1	20.8	21.0	21.5	22.2
Graduates.....	1,000.....	2.6	3.1	3.3	3.2	3.7	5.0	5.3	5.2	5.3	5.4
Nurses, number (active registered)	1,000	375	430	504	613	700	906	961	1,011	1,059	1,075
Rate per 100,000 population ¹	Rate.....	249	259	282	319	345	427	449	469	487	490
Nursing schools ⁸	Number.....	1,203	1,139	1,119	1,153	1,328	1,347	1,349	1,337	1,339	1,354
Students ⁸	1,000.....	99	108	115	130	151	243	248	247	245	238
Graduates ⁸	1,000.....	26	29	30	35	44	74	77	78	78	78

NA Not available. ¹ Based on Bureau of the Census resident population estimates; see source for estimates used.

² Excludes non-Federal physicians with temporary foreign addresses; see headline, table 164. ³ Based on Bureau of the Census civilian population estimates; see source for estimates used. ⁴ Foreign medical graduates exclude graduates of Canadian schools. Source: American Medical Association, Chicago, Ill., *Physician Distribution and Medical Licensure in The U.S.*, annual. For newly-licensed physicians prior to 1975, *Medical Licensure Statistics*, annual. (Copyright.) ⁵ Estimated. ⁶ Source: U.S. Immigration and Naturalization Service, *Annual Report*. ⁷ Beginning 1960, excludes graduates of year started. Beginning 1976, excludes inactive dentists. ⁸ 1950-1970 includes Puerto Rico, 1965 and 1970 include Guam and Virgin Islands.

No. 164. PHYSICIANS, BY TYPE OF PRACTICE: 1965 TO 1979

[As of **December 31**. Includes Puerto Rico and outlying areas. 1965 data for doctors of medicine by type of practice not comparable with later years due to changes in classification. Excludes 4,148 non-Federal physicians with temporary foreign addresses in 1970, 5,277 in 1975, 5,559 in 1976, 5,604 in 1977, 5,843 in 1978, and 6,180 in 1979]

TYPE OF PRACTICE	NUMBER (1,000)								PERCENT DISTRIBUTION			
	1965	1970	1974	1975	1976	1977	1978	1979	1965	1970	1975	1979
All physicians	305.1	348.3	394.5	409.0	425.8	437.8	454.3	472.4	100	100	100	100
Doctors of medicine	292.1	334.0	379.7	393.7	409.4	421.3	437.5	454.6	96	96	96	96
Active M.D.'s.....	277.6	311.2	350.6	366.4	378.6	382.0	401.4	417.3	91	89	90	88
Non-Federal ¹	268.1	301.3	345.6	359.7	373.1	390.4	408.0	427.1	88	87	88	90
Patient care.....	239.3	255.0	278.5	287.8	294.7	315.7	325.8	341.5	78	73	70	72
Office based ²	185.3	188.9	203.9	213.3	214.7	231.1	238.9	248.9	61	54	52	53
General practice ³	65.7	50.8	46.8	46.3	46.0	45.1	45.1	46.7	22	12	11	10
Specialty, full-time.....	119.6	138.1	157.1	167.0	168.7	186.0	193.8	202.2	39	40	41	43
Training programs.....	39.6	45.8	54.5	53.5	58.9	58.9	57.2	61.4	13	13	13	13
Full-time hospital staff.....	14.3	20.3	20.1	21.0	21.1	25.8	29.6	31.1	5	6	5	7
Other professional activity.....	15.5	26.3	25.1	24.3	26.1	27.9	29.8	33.7	5	8	6	7
Retired, not in practice.....	13.3	19.6	21.6	21.4	22.1	28.4	26.8	28.3	4	6	5	6
Federal.....	22.8	29.5	26.6	28.2	27.8	19.9	20.2	18.5	8	8	7	4
Patient care ⁴	20.2	23.5	22.7	24.1	23.7	16.6	16.9	15.3	7	7	6	3
Full-time hospital staff.....	16.3	14.6	16.2	17.7	17.7	12.0	12.6	11.8	5	4	4	2
Other professional activity.....	2.7	6.0	3.9	4.1	3.9	3.3	3.3	3.2	1	2	1	1
Not reported.....	1.2	3.2	7.5	5.9	8.8	10.9	9.3	9.0	(2)	1	1	2
Doctors of osteopathy ⁵	13.0	14.3	14.8	15.4	16.4	16.6	16.8	18.0	4	4	4	4

Z Less than .5 percent. ¹ Beginning 1970, includes physicians not classified. ² Covers all physicians rendering patient care (or patient services by pathologists) in solo, partnership, group practice, or other arrangement and those in industry, insurance companies, health depts., laboratories, etc. ³ Includes family practice. ⁴ Includes Federal physicians in office-based practice and training programs. ⁵ Source, beginning 1970: American Osteopathic Association, Chicago, Ill.

Source of tables 163 and 164: Except as noted, U.S. National Center for Health Statistics, *Health Resources Statistics*, annual; beginning 1976, biennial.

NO. 165. PHYSICIANS, BY SEX, SPECIALTY, AND MAJOR PROFESSIONAL ACTIVITY: 1970 TO 1979

[In thousands, except percent. As of December 31. Includes Puerto Rico and outlying areas]

SPECIALTY	1970		1975, total	1978, total	1979							Other profes- sional ²
	Total	Per- cent			Total		Patient care					
					Num- ber	Per- cent	Total	Of- fice- based	Hospital-based			
									Full- time	Resi- dents ¹		
Total.....	^a 334.0	100.0	^a 393.7	^a 437.5	^a 454.6	100.0	356.8	249.6	42.9	64.3	36.9	
Male.....	(NA)	(NA)	358.1	391.9	404.0	88.9	321.1	232.8	36.8	51.5	32.7	
Female.....	(NA)	(NA)	35.6	45.5	50.6	11.1	35.7	16.7	6.1	12.8	4.2	
General practice.....	57.9	17.3	54.6	56.2	58.1	12.8	56.8	46.9	3.9	6.0	1.4	
Medical ⁴	77.2	23.1	95.1	109.7	118.9	26.1	103.5	67.0	11.7	24.8	15.4	
Internal medicine.....	41.9	12.5	54.3	62.6	68.6	15.1	60.2	35.2	6.5	18.5	8.4	
Pediatrics.....	17.9	5.4	21.7	24.5	26.7	5.9	24.0	15.7	2.8	5.5	2.7	
Surgical ⁴	86.0	25.8	96.0	102.4	107.6	23.7	103.3	77.5	7.8	18.1	4.3	
General surgery.....	29.8	8.9	31.6	32.1	33.2	7.3	31.8	21.3	3.0	7.5	1.4	
Obstetrics, gynecology.....	18.9	5.7	21.7	24.0	25.2	5.5	24.2	18.3	1.6	4.2	1.1	
Ophthalmology.....	9.9	3.0	11.1	11.9	12.6	2.8	12.1	10.0	.6	1.5	.5	
Orthopedic.....	9.6	2.9	11.4	12.7	13.5	3.0	13.1	10.0	.9	2.1	.4	
Other ⁴	89.6	26.8	94.6	107.5	109.1	24.0	93.2	58.2	19.5	15.5	15.9	
Anesthesiology.....	10.1	3.0	12.9	14.2	15.4	3.4	14.4	10.5	2.2	1.7	1.0	
Psychiatry.....	21.1	6.3	23.9	25.6	26.9	5.9	23.8	15.1	5.3	3.5	3.0	
Pathology.....	10.3	3.1	11.7	12.6	13.3	2.9	11.0	5.4	3.4	2.2	2.3	
Radiology.....	10.5	3.1	11.5	11.6	11.7	2.6	10.9	7.6	2.2	1.1	.9	

NA Not available. ¹ Includes interns. ² Medical teaching, administration, research, and other.³ 1970, includes 19,621 inactive, 358 not classified, 3,204 address unknown; 1975, 21,449 inactive, 26,145 not classified, 5,868 address unknown; 1978, 26,831 inactive, 25,553 not classified, 9,291 address unknown; and 1979, 28,338 inactive, 23,537 not classified, and 8,960 address unknown. ⁴ Includes other specialties not shown separately.Source: American Medical Association, Chicago, Ill., *Distribution of Physicians in the U.S., 1970*; and *Physician Distribution and Medical Licensure in the U.S.*, annual. (Copyright.)

NO. 166. ACTIVE NON-FEDERAL PHYSICIANS, 1970 AND 1979, AND DENTISTS, 1979—STATES

[See headnote, table 163. Excludes doctors of osteopathy, Federal physicians and dentists, and physicians with addresses unknown. Rates based on U.S. Bureau of the Census population estimates as of July 1; see source]

STATE	PHYSICIANS				DENTISTS, 1979		STATE OR OTHER AREA	PHYSICIANS				DENTISTS, 1979	
	Total		Rate ¹		Total	Rate ¹		Total		Rate ¹		Total	Rate ¹
	1970	1979	1970	1979				1970	1979	1970	1979		
U.S.	279,212	394,847	138	181	118,330	54	Mont.	679	995	98	127	445	57
Ala.	2,885	4,634	84	124	1,318	35	Nebr.	1,581	2,264	107	145	948	61
Alaska.	199	453	73	118	214	56	Nev.	504	956	104	138	340	49
Ariz.	2,211	4,536	125	187	1,180	49	N.H.	925	1,401	125	159	472	53
Ark.	1,629	2,586	85	119	722	33	N.J.	9,770	13,425	137	184	4,814	66
Calif.	34,981	50,653	178	226	14,106	63	N. Mex.	1,043	1,796	104	147	503	41
Colo.	3,627	5,436	167	199	1,674	61	N.C.	40,730	45,964	223	261	13,025	74
Conn.	5,412	7,500	179	242	2,253	73	N. Dak.	5,216	8,283	105	150	2,110	38
Del.	682	923	125	160	263	46	N. Dak.	542	811	89	126	303	47
D.C.	2,745	3,365	371	519	565	87	Ohio.	13,387	16,800	126	157	5,206	49
Fla.	8,480	16,436	126	188	4,351	50	Okla.	2,427	3,655	96	128	1,188	42
Ga.	4,617	7,287	102	144	2,113	42	Oreg.	2,803	4,472	134	177	1,736	69
Hawaii.	1,064	1,741	148	203	490	68	Pa.	16,885	21,466	143	183	6,463	55
Idaho.	824	975	88	108	496	55	R.I.	1,355	1,906	148	206	518	56
Ill.	14,462	20,353	131	182	6,080	54	S.C.	2,194	3,846	87	134	1,033	36
Ind.	4,988	6,773	96	126	2,306	43	S. Dak.	503	698	76	102	293	43
Iowa.	2,733	3,535	97	122	1,444	50	Tenn.	4,433	6,872	113	158	2,073	48
Kans.	2,426	3,512	110	150	1,066	46	Tex.	12,275	20,116	111	152	5,613	42
Ky.	3,107	4,687	97	134	1,476	42	Utah.	1,377	2,234	130	164	870	64
La.	4,141	5,957	115	149	1,585	40	Vt.	755	1,040	170	211	260	58
Maine.	972	1,592	99	146	493	45	Va.	5,234	8,592	117	170	2,460	49
Md.	6,714	10,554	173	257	2,439	59	Wash.	4,658	6,906	139	178	2,618	68
Mass.	11,036	14,850	195	258	4,100	71	W. Va.	1,706	2,503	98	133	730	39
Mich.	10,384	14,201	117	154	4,907	53	Wis.	5,003	7,105	113	151	2,742	58
Minn.	5,420	7,518	143	185	2,502	62	Wyo.	304	477	92	107	218	49
Miss.	1,737	2,563	79	106	756	32	Puerto Rico.	2,345	3,665	87	(NA)	(NA)	(NA)
Mo.	5,647	7,644	122	158	2,340	48	Outlying areas.	145	223	55	(NA)	(NA)	(NA)

NA Not available. ¹ Per 100,000 civilian population.Source: U.S. National Center for Health Statistics, *Health Resources Statistics*, annual (beginning 1976, biennial); and unpublished data.

NO. 167. PHYSICIAN AND DENTAL VISITS: 1970 TO 1979

[Refers to the civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III]

SEX AND AGE OF PATIENT	PHYSICIAN VISITS						DENTAL VISITS					
	1970	1975	1976	1977	1978	1979	1970	1975	1976	1977	1978	1979
Total visits (million)	927	1,056	1,041	1,020	1,017	1,022	304	341	336	343	342	366
By males (million)	396	435	435	426	417	422	133	153	147	154	149	162
By females (million)	531	621	606	594	599	600	171	188	189	189	193	204
Visits per person	4.6	5.1	4.9	4.8	4.8	4.7	1.5	1.6	1.6	1.6	1.6	1.7
By males	4.1	4.3	4.3	4.2	4.0	4.1	1.4	1.5	1.4	1.5	1.4	1.6
By females	5.1	5.7	5.6	5.4	5.4	5.4	1.7	1.7	1.7	1.7	1.7	1.8
Under 6 years	5.9	6.5	6.3	6.3	6.4	6.5	.5	.6	.5	.5	.6	.5
6-16 years	2.9	3.2	3.0	3.1	3.1	3.0	1.9	2.0	1.9	2.0	2.1	2.1
17-24 years	4.6	4.8	4.4	4.3	4.3	4.3	1.8	1.8	1.8	1.6	1.5	1.6
25-44 years	4.6	5.1	4.9	4.7	4.7	4.5	1.7	1.7	1.7	1.7	1.7	1.8
45-64 years	5.2	5.6	5.7	5.4	5.3	5.2	1.5	1.8	1.8	1.8	1.7	1.9
65 years and over	6.3	6.6	6.9	6.5	6.3	6.3	1.1	1.2	1.2	1.3	1.2	1.4

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

NO. 168. VISITS TO PHYSICIANS, BY TYPE OF VISIT, RACE, AND FAMILY INCOME: 1979

[Refers to civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III]

RACE AND FAMILY INCOME	Total ¹	Physi- cians' offices	Phone consul- tation ²	Emer- gency room ³	RACE AND FAMILY INCOME	Total ¹	Physi- cians' offices	Phone consul- tation ²	Emer- gency room ³
Visits, total⁴ (mil.)	1,022	694	134	134	White—Con:				
White (mil.)	895	620	124	105	\$15,000—\$24,999	100.0	71.4	14.2	10.3
Black (mil.)	112	65	9	27	\$25,000 or more	100.0	72.3	13.6	9.0
Percent distribution:					Black	100.0	57.9	7.8	24.3
All races ⁴	100.0	67.9	13.1	13.1	Under \$5,000	100.0	54.7	6.0	25.6
White	100.0	69.2	13.8	11.7	\$5,000—\$9,999	100.0	56.8	7.1	29.6
Under \$5,000	100.0	64.9	10.5	16.9	\$10,000—\$14,999	100.0	57.8	10.2	24.7
\$5,000—\$9,999	100.0	65.9	13.9	14.5	\$15,000—\$24,999	100.0	59.0	12.8	22.8
\$10,000—\$14,999	100.0	67.3	14.5	12.5	\$25,000 or more	100.0	63.7	10.3	16.2

¹ Includes other types of visits, not shown separately.² Includes visits to patients' homes.³ Includes visits to hospital outpatient department.⁴ Includes other races not shown separately.

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

NO. 169. UNINCORPORATED AND INCORPORATED PHYSICIANS AND DENTISTS—MEDIAN EARNINGS
FROM PRACTICE: 1970 TO 1979

[In thousands of dollars. Based on random sampling of all M.D.'s. 1979 data for physicians are based on 6,097 returned questionnaires (37 percent of all questionnaires mailed in 1980). Of all questionnaires returned, 41 percent gave usable responses to the income question. *Unincorporated*: Represents net income from practice after payment of tax-deductible professional expenses but before payment of income taxes. For 1970, data relate to doctors of medicine (M.D.'s) under age 65 in private practice; 1975-1979, to office-based, patient care M.D.'s all ages. *Incorporated*: Comprises office-based, patient care doctors of medicine (M.D.'s) of all ages who are shareholders of a medical corporation. Earnings include salary, bonuses (if any), and funds set aside by corporation for individual's retirement. Data for dentists cover gross income (total collected fees) minus professional expenses. For definition of median, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series D 918-919, for physicians and dentists]

FIELD OF PRACTICE	UNINCORPORATED						INCORPORATED				
	1970	1975	1976	1977	1978	1979	1975	1976	1977	1978	1979
All physicians ¹	41.5	47.5	52.4	52.6	54.7	60.6	76.3	75.6	78.3	82.3	86.3
General practitioners.....	37.4	38.6	43.7	46.0	45.7	50.5	59.2	58.7	63.4	71.0	70.8
Internists.....	41.3	53.7	53.6	59.6	53.7	69.3	71.1	66.9	73.5	73.6	79.8
General surgeons.....	45.0	53.7	61.4	56.7	62.5	65.8	83.3	78.4	81.6	88.8	88.6
Obstetricians-gynecologists.....	47.1	57.5	63.4	57.3	63.2	75.8	83.4	89.2	92.9	88.4	95.3
Pediatricians.....	35.9	43.5	45.9	49.2	49.1	53.7	58.6	56.6	62.5	67.1	67.0
Family practitioners.....	(NA)	48.2	50.7	54.8	58.1	67.3	61.9	59.4	69.4	66.9	68.0
Orthopedic surgeons.....	(NA)	(NA)	(NA)	71.7	(NA)	96.7	² 87.5	(NA)	98.8	(NA)	119.9
All dentists ³	28.1	30.2	40.0	(NA)	39.9	(NA)	(NA)	(NA)	(NA)	60.0	(NA)

NA Not available. ¹ Includes specialties not shown separately. ² 1974 data. ³ Source: American Dental Association, Chicago, Ill., *Survey of Dental Practice*, biennial (copyright). Incorporated included in unincorporated for all years.

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NO. 170. AVERAGE NET INCOME OF PHYSICIANS, BY GEOGRAPHIC DIVISION AND AREA OF RESIDENCE, 1970 TO 1979, AND BY SELECTED SPECIALTIES, 1979

[In thousands of dollars. Represents net income from practice after payment of tax-deductible professional expenses but before payment of income taxes. Relates to non-Federal, office-based, patient-care physicians. Based on periodic sample survey of physicians and subject to sampling variability]

GEOGRAPHIC DIVISION ¹ AND AREA OF RESIDENCE	1970, total	1975, total	1978, total	1979						
				All specialties ²	General practice	Internal medicine	Surgery	Pediatrics	Obstetrics ³	Psychiatry
United States	41.8	56.4	65.5	78.4	62.0	76.2	96.0	60.4	91.8	62.6
New England	38.0	47.2	54.9	66.6	46.3	64.2	78.1	57.9	75.7	57.1
Middle Atlantic	37.6	53.2	59.1	73.2	50.2	69.1	94.4	49.9	93.2	61.2
East North Central	47.0	59.9	69.9	81.2	62.2	82.0	95.9	66.4	97.8	71.1
West North Central	41.1	56.6	70.2	79.4	67.3	74.4	98.6	62.9	97.3	69.0
South Atlantic	42.6	58.2	64.9	79.8	66.9	81.5	96.4	57.4	87.1	57.0
East South Central	42.0	65.5	79.7	87.0	77.1	97.6	1.60	71.8	91.5	55.3
West South Central	43.5	61.4	70.9	85.8	71.8	86.6	99.5	71.3	89.6	98.8
Mountain	39.4	54.7	61.8	73.5	62.8	62.6	86.1	51.8	95.1	61.5
Pacific	44.0	54.8	64.9	78.6	56.6	78.3	101.2	64.1	94.7	54.6
SMSA's ⁴ with—										
Under 1 million inhabitants	42.0	59.5	68.1	78.7	59.6	75.8	96.2	69.9	91.4	60.3
1 million inhabitants or more	42.0	55.6	63.9	78.8	57.7	76.5	97.3	60.2	91.4	63.9
Nonmetropolitan areas	40.4	52.4	64.4	76.4	69.2	75.8	91.4	59.2	94.8	58.4

¹ For composition of divisions, see Fig. 1 inside front cover. ² Includes other specialties not shown separately. ³ Includes gynecology. ⁴ Includes all counties in standard metropolitan statistical areas (SMSA's) and all counties considered potential SMSA's. SMSA's are as designated in 1970 census publications; for definition of SMSA, see Appendix II.

Source: American Medical Association, Chicago, Ill., *Reference Data on Profile of Medical Practice*, annual. (Copyright.)

NO. 171. AVERAGE FEES FOR INITIAL AND FOLLOWUP OFFICE VISITS, BY MEDICAL SPECIALTY: 1971 TO 1980

[Initial office visit covers new patients. Followup office visit covers established patients previously seen by the physician. Based on sample survey of physicians and subject to sampling variability]

MEDICAL SPECIALTY	INITIAL OFFICE VISIT					FOLLOWUP OFFICE VISIT				
	1971	1975	1978	1979	1980	1971	1975	1978	1979	1980
All specialties ¹	\$16.00	\$21.20	\$27.60	\$30.47	\$33.28	(NA)	\$13.08	(NA)	\$19.44	\$20.96
Annual percent change ²	³ 16.3	7.3	9.2	10.4	9.2	(NA)	⁴ 5.1	(NA)	10.4	7.8
General practice	\$9.65	\$13.11	\$16.55	\$18.21	\$20.43	\$6.93	\$9.29	\$12.15	\$13.67	\$15.18
Internal medicine	20.38	26.11	32.53	38.18	40.18	9.96	13.56	16.83	19.89	20.46
Surgery	16.43	20.81	26.52	29.04	31.83	9.18	12.22	15.91	17.61	19.00
Pediatrics	11.18	16.18	19.03	21.06	22.15	7.89	11.07	13.72	15.65	16.40
Obstetrics-gynecology	17.59	23.57	29.85	30.70	34.03	9.52	13.73	18.23	19.04	20.66

NA Not available. ¹ Includes specialties not shown separately. ² Average change from prior year shown, except as noted. See Guide to Tabular Presentation. ³ Change from 1969. ⁴ Change from 1974.

Source: American Medical Association, Chicago, Ill., *Reference Data on Profile of Medical Practice*, annual. (Copyright.)

NO. 172. MEDICAL MALPRACTICE INSURANCE PREMIUMS, BY SPECIALTY: 1974 TO 1979

[Covers office-based, fee-for-service doctors of medicine (M.D.'s). Based on random sampling of all M.D.'s in this category. Data for 1974 are not comparable with later data because of change in survey methodology. Premium data based only on M.D.'s with expenditures for malpractice insurance. For definition of median, see Guide to Tabular Presentation]

MEDICAL SPECIALTY	MEDIAN PREMIUM (dol.)						PERCENT OF M.D.'S WITH NO COVERAGE				
	1974	1975	1976	1977	1978	1979	1975	1976	1977	1978	1979
All physicians ¹	1,300	1,900	3,430	3,380	3,190	3,330	2	3	8	6	7
General practitioners	1,000	1,300	2,090	2,050	2,240	2,210	6	7	7	7	8
Family practitioners	1,000	1,200	2,240	2,160	2,230	2,300	1	4	6	4	4
Internists	700	900	1,660	2,220	2,090	1,900	(2)	2	5	4	9
General surgeons	2,600	4,000	6,630	7,110	6,770	7,190	1	3	9	6	8
Obstetricians ²	3,300	4,900	8,510	8,500	8,620	8,050	1	3	11	10	6
Pediatricians	600	800	1,650	1,750	1,860	1,710	1	2	5	4	4

Z Less than 1 percent. ¹ Includes specialties not shown separately. ² Includes gynecologists.

Source: Medical Economics Company, Oradell, N.J., *Medical Economics*. (Copyright © 1980 by Litton Industries, Inc.; further reproduction prohibited without written permission of copyright owner.)

NO. 173. HOSPITALS AND NURSING HOMES—SUMMARY CHARACTERISTICS: 1968 TO 1979

[Based on National Master Facility Inventory; see Appendix III]

YEAR AND TYPE OF FACILITY	Total	FACILITIES UNDER—			FACILITIES WITH—			Resi- dents ¹ (1,000)	Full- time em- ployees (1,000)
		Govt. control	Profit control	Non- profit control	6-24 beds	25-74 beds	75 or more beds		
1968: All facilities.....	26,176	4,147	15,313	6,716	8,582	10,294	7,300	2,034	2,450
Nursing homes.....	18,185	1,376	14,048	2,761	7,779	7,383	3,023	783	(NA)
Hospitals.....	7,991	2,771	1,265	3,955	803	2,911	4,277	1,250	(NA)
1971: All facilities.....	29,682	4,178	18,091	7,413	8,902	10,959	9,821	2,262	3,007
Nursing homes.....	22,004	1,368	17,049	3,587	8,266	8,259	5,479	1,076	588
Hospitals.....	7,678	2,810	1,042	3,826	636	2,700	4,342	1,186	2,439
1973: All facilities.....	29,272	4,063	17,712	7,497	7,876	10,616	10,780	2,318	3,196
Nursing homes.....	21,834	1,319	16,712	3,803	7,383	8,081	6,370	1,198	636
Hospitals.....	7,438	2,744	1,000	3,694	493	2,535	4,410	1,120	2,560
1976: All facilities.....	27,739	4,055	16,339	7,345	6,111	9,868	11,760	2,343	3,498
Nursing homes ³	20,468	1,402	15,343	3,723	5,675	7,531	7,262	1,293	653
Hospitals.....	7,271	2,653	996	3,622	436	2,337	4,498	1,050	2,845
1978: All facilities.....	25,881	3,821	14,981	7,079	5,810	8,574	11,497	2,257	3,638
Nursing homes.....	18,722	1,214	14,023	3,485	5,414	6,306	7,002	1,240	664
Hospitals.....	7,159	2,607	958	3,594	396	2,268	4,495	1,017	2,974
1979: All hospitals ⁴	7,085	2,576	942	3,567	381	2,233	4,471	1,016	3,041
General.....	6,209	2,177	737	3,295	336	1,978	3,895	796	2,674
Psychiatric.....	500	281	129	90	15	122	363	171	259
Chronic.....	58	39	4	15	-	8	50	17	24
Tuberculosis.....	12	10	-	2	-	1	11	1	3

- Represents zero. NA Not available. ¹ Number of residents as of date of interview, except as noted.² Average daily patients. ³ See footnote 2, table 183. ⁴ Includes types not shown below.Source: U.S. National Center for Health Statistics, *Health Resources Statistics*, annual; beginning 1976, biennial.

NO. 174. NONGOVERNMENT HEALTH SERVICE ESTABLISHMENTS: 1977

[Tax-exempt establishments without payroll were excluded from Census coverage. See Appendix III, section 30]

TYPE OF ESTABLISHMENT	ALL ESTABLISHMENTS			ESTABLISHMENTS WITH PAYROLL			
	Number (1,000)		Receipts (mil. dol.)	Num- ber (1,000)	Receipts or ex- penses ¹ (mil. dol.)	Payroll (mil. dol.)	Paid employ- ees ² (1,000)
	Total	Sole proprietorships					
Total establishments.....	(NA)	(NA)	(X)	291.0	(X)	45,594	4,455
Taxable.....	³ 444.1	³ 317.7	³ 59,130	278.7	55,508	22,745	2,024
Tax-exempt.....	(NA)	(NA)	(NA)	12.3	43,961	22,849	2,431
Offices of physicians ⁴	189.1	118.3	28,756	136.2	26,949	11,854	624
Offices of dentists ⁴	99.3	76.0	10,007	82.7	9,529	3,044	284
Offices of osteopathic physicians ⁴	5.9	3.7	776	5.2	755	308	20
Offices of chiropractors ⁴	14.3	13.0	680	7.6	536	110	16
Offices of optometrists ⁴	16.6	13.3	1,552	12.1	1,398	289	32
Offices of health practitioners, n.e.c. ^{4 5}	(NA)	(NA)	(NA)	7.3	606	213	21
Medical and dental laboratories ⁴	15.7	8.1	2,459	10.7	2,347	960	88
Nursing and personal care facilities.....	(NA)	(NA)	(X)	13.1	(X)	4,753	865
Taxable.....	30.4	21.1	7,344	10.8	7,195	3,549	663
Tax-exempt.....	(NA)	(NA)	(NA)	2.3	2,216	1,203	202
Hospitals.....	(NA)	(NA)	(X)	4.6	(X)	22,126	2,301
Taxable.....	1.0	(Z)	4,744	1.0	4,744	1,793	203
Tax-exempt.....	(NA)	(NA)	(NA)	3.6	39,197	20,333	2,098
Outpatient care facilities.....	(NA)	(NA)	(X)	7.4	(X)	1,341	119
Taxable.....	(NA)	(NA)	(NA)	3.2	997	423	34
Tax-exempt.....	(NA)	(NA)	(NA)	4.2	1,805	918	85
Health and allied services, n.e.c. ^{4 5}	(NA)	(NA)	(NA)	2.0	453	203	39
Other tax-exempt health services.....	(NA)	(NA)	(NA)	2.2	743	395	46

NA Not available. X Not applicable. Z Fewer than 50.

¹ Data for taxable establishments are receipts and for tax-exempt establishments with payroll, expenses. ² For week including March 12.³ Includes establishments with no paid employees which could not be assigned to a specific industry code. ⁴ Taxable establishments only. Data for tax-exempt establishments with payroll in this type of establishment are included in "other tax-exempt health services". ⁵ N.e.c. = Not elsewhere classified.Source: U.S. Bureau of the Census, *Census of Service Industries, 1977, Geographic Area Series*, SC 77-A-53.

**NO. 175. HOSPITALS—SUMMARY CHARACTERISTICS, BY TYPE OF SERVICE AND CONTROL:
1960 TO 1979**

[Covers hospitals accepted for registration by American Hospital Association; see text, pp. 97 and 98. Short-term hospitals have an average patient stay of less than 30 days, long-term, an average stay of longer duration. Special hospitals include obstetrics and gynecology; eye, ear, nose, and throat; rehabilitation; orthopedic; and chronic and other special hospitals except psychiatric, tuberculosis, alcoholism, and chemical dependency hospitals. See also *Historical Statistics, Colonial Times to 1970*, series B 305-318, B 331-344, and B 413-422]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Number:										
All hospitals.....	6,876	7,123	7,123	7,123	7,174	7,156	7,082	7,099	7,015	6,988
With 100 beds or more.....	2,903	3,153	3,488	3,566	3,665	3,691	3,723	3,757	3,750	3,749
Non-Federal.....	6,441	6,680	6,715	6,726	6,787	6,774	6,702	6,722	6,645	6,627
Short-term general and special.....	5,407	5,736	5,859	5,891	5,977	5,979	5,956	5,973	5,935	5,923
Nongovernmental nonprofit.....	3,291	3,426	3,386	3,320	3,381	3,364	3,368	3,371	3,360	3,350
For profit.....	856	857	789	757	775	775	752	751	732	727
State and local government.....	1,260	1,453	1,704	1,814	1,821	1,840	1,836	1,851	1,843	1,846
Long-term general and special.....	308	283	236	229	221	215	197	189	169	165
Psychiatric.....	488	483	519	543	543	544	528	541	526	527
Tuberculosis.....	238	178	101	63	46	36	21	19	15	12
Federal.....	435	443	408	397	387	382	380	377	370	361
Beds (1,000):										
All hospitals.....	1,658	1,704	1,616	1,535	1,513	1,466	1,434	1,407	1,381	1,372
Rate per 1,000 population ¹	9.3	8.9	8.0	7.3	7.2	6.9	6.7	6.5	6.3	6.2
Beds per hospital.....	241	239	227	215	211	205	202	198	196	196
Non-Federal.....	1,481	1,530	1,455	1,392	1,377	1,334	1,305	1,284	1,259	1,255
Short-term general and special.....	639	741	848	903	931	947	961	974	980	988
Rate per 1,000 population ¹	3.6	3.9	4.2	4.3	4.4	4.4	4.5	4.5	4.5	4.5
Nongovernmental nonprofit.....	446	515	592	629	650	659	671	680	684	690
For profit.....	37	47	53	63	70	73	76	80	81	83
State and local government.....	156	179	204	211	211	215	214	214	215	214
Long-term general and special.....	67	66	60	57	54	51	49	45	41	40
Psychiatric.....	722	685	527	422	383	330	291	261	235	224
Tuberculosis.....	52	37	20	10	8	6	4	3	3	2
Federal.....	177	174	161	142	136	132	129	124	122	117
Occupancy rate:²										
All hospitals.....	84.6	82.3	80.3	77.5	77.2	76.7	76.0	75.8	75.5	76.1
Non-Federal.....										
Short-term general and special.....	74.7	76.0	78.0	75.4	75.3	74.8	74.4	73.6	73.5	73.8
Nongovernmental nonprofit.....	76.6	77.8	80.1	77.8	77.8	77.4	77.1	76.3	76.1	76.5
For profit.....	65.4	68.6	72.2	68.3	67.5	65.9	64.8	64.6	63.8	63.9
State and local government.....	71.6	72.8	73.2	70.6	70.2	69.7	69.2	68.3	68.7	69.1
Long-term general and special.....	86.9	85.3	82.0	82.1	82.5	82.1	82.7	84.3	84.0	86.1
Psychiatric.....	93.1	88.6	84.8	81.1	80.0	80.3	79.1	80.7	80.9	83.2
Tuberculosis.....	75.4	70.0	61.8	61.9	63.2	57.7	57.8	60.4	59.9	61.8
Federal.....	87.2	86.1	79.6	79.0	80.7	80.7	79.3	79.6	78.4	78.2
Expenses (bil. dol.):³										
All hospitals.....	8.4	12.9	25.6	36.3	41.4	48.7	56.0	63.6	70.9	79.8
Non-Federal.....	7.3	11.4	23.1	32.8	37.4	44.2	50.7	57.5	64.2	72.5
Short-term general and special.....	5.6	9.1	19.6	28.5	32.8	39.1	45.4	51.8	58.3	66.2
Nongovernmental nonprofit.....	4.1	6.6	14.2	20.4	23.5	28.0	32.8	37.5	42.3	48.0
For profit.....	3	5	1.1	1.7	2.0	2.6	3.1	3.7	4.2	4.8
State and local government.....	1.2	2.0	4.3	6.4	7.2	8.6	9.5	10.6	11.9	13.4
Long-term general and special.....	3	4	6	8	9	10	1.1	1.1	1.1	1.1
Psychiatric.....	1.2	1.7	2.7	3.4	3.7	4.0	4.2	4.5	4.7	5.1
Tuberculosis.....	2	2	2	1	1	1	1	1	1	1
Federal.....	1.1	1.6	2.5	3.5	4.0	4.5	5.3	6.2	6.7	7.3
Personnel (1,000):⁴										
All hospitals.....	1,598	1,952	2,537	2,769	2,919	3,023	3,108	3,213	3,280	3,382
Non-Federal.....	1,412	1,754	2,321	2,530	2,675	2,766	2,839	2,935	3,002	3,109
Short-term general and special.....	1,080	1,386	1,929	2,149	2,289	2,399	2,483	2,581	2,662	2,762
Nongovernmental nonprofit.....	792	1,011	1,387	1,535	1,634	1,714	1,793	1,863	1,927	2,000
For profit.....	48	70	97	117	133	139	147	159	165	174
State and local government.....	241	306	444	497	522	546	543	559	571	588
Long-term general and special.....	55	65	69	67	69	68	66	63	58	61
Psychiatric.....	238	274	305	303	308	292	285	287	278	282
Tuberculosis.....	39	29	18	11	9	7	5	5	4	3
Federal.....	186	199	216	238	244	256	269	278	277	273
Personnel per 100 patients:⁴										
All hospitals.....	114	139	196	233	250	269	285	301	315	324
Non-Federal.....	113	140	198	235	253	272	287	303	317	327
Short-term general and special.....	226	246	292	315	326	339	347	360	370	379
Nongovernmental nonprofit.....	232	252	292	314	323	336	346	359	370	379
For profit.....	196	218	256	272	283	288	297	307	319	326
State and local government.....	215	234	298	333	351	365	367	382	387	398
Long-term general and special.....	95	115	140	145	154	162	163	167	168	174
Psychiatric.....	35	45	68	88	100	110	124	136	147	151
Tuberculosis.....	99	111	146	168	184	216	225	227	246	252
Federal.....	120	133	169	212	223	240	263	282	290	298

¹ Based on Bureau of the Census estimated resident population as of July 1.

² Ratio of average daily census to every 100 beds.

³ Excludes new construction.

⁴ Includes full-time equivalents of part-time personnel.

Source: American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual. (Copyright.)

NO. 176. HOSPITAL EXPENSE PER PATIENT DAY: 1960 TO 1979

[In dollars, except percent. For definitions, see headnote, table 175. See also *Historical Statistics, Colonial Times to 1970*, series B 389-400]

EXPENSE BY HOSPITAL TYPE	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total expense	16	25	54	74	84	97	119	141	163	187	210
Annual percent change ¹	7.9	9.0	16.4	17.0	13.2	16.2	22.1	18.4	16.4	15.6	12.3
Non-Federal:											
Short-term, general and special.....	32	44	81	105	115	128	151	174	198	222	249
Long-term, general and special.....	13	20	36	44	47	53	63	71	77	83	91
Psychiatric.....	5	8	17	23	27	33	41	50	58	68	75
Tuberculosis.....	13	17	34	42	48	54	76	84	96	112	128
Federal.....	20	29	53	75	86	99	117	142	172	193	217
Payroll expense	11	17	33	44	49	56	66	76	87	98	109
Percent of total.....	66.3	66.0	61.5	59.8	58.8	57.5	55.7	54.3	53.4	52.4	51.9
Non-Federal:											
Short-term, general and special.....	20	27	47	60	64	70	80	90	100	110	123
Long-term, general and special.....	9	14	24	30	32	35	40	44	48	52	55
Psychiatric.....	3	6	12	17	20	24	29	34	39	46	51
Tuberculosis.....	9	12	24	29	33	37	48	54	60	70	80
Federal.....	16	23	37	51	58	66	75	91	110	122	136

¹ For explanation of annual percent change, see Guide to Tabular Presentation. Average change from prior year shown; for 1960, change from 1955.

Source: American Hospital Association, Chicago, Ill., *Hospitals*, Guide Issue, annual; beginning 1972, *Hospital Statistics*, annual. (Copyright.)

NO. 177. AVERAGE DAILY HOSPITAL ROOM CHARGES, 1976 TO 1981, AND AVERAGE COST TO COMMUNITY HOSPITALS PER PATIENT, 1975 AND 1979—STATES

[In dollars. Average daily room charges cover nongovernmental short-term general hospitals and represent average cost to patient for a semiprivate room. Average cost per day and average cost per stay cover non-Federal short-term general or special hospitals (excluding psychiatric or tuberculosis) and represent average cost to community hospitals per patient. Cost per patient based on total hospital expenses (payroll, employee benefits, professional fees, supplies, etc.)]

STATE	AVERAGE DAILY ROOM CHARGE			AVERAGE COST PER DAY ²		AVERAGE COST PER STAY ³		STATE	AVERAGE DAILY ROOM CHARGE			AVERAGE COST PER DAY ²		AVERAGE COST PER STAY ³	
	1976 ¹	1980 ²	1981 ²	1975	1979	1975	1979		1976 ¹	1980 ²	1981 ²	1975	1979	1975	1979
U.S.	183	127	143	151	249	1,164	1,882	Mo.....	71	107	124	129	220	1,059	1,813
Ala.....	62	96	113	114	199	831	1,401	Mont.....	75	113	131	111	168	711	1,324
Alaska.....	121	189	191	225	466	1,128	2,660	Nebr.....	68	100	114	117	193	945	1,546
Ariz.....	71	106	124	175	284	1,296	2,032	Nev.....	88	125	143	182	329	1,186	2,081
Ark.....	56	86	96	102	180	664	1,146	N.H.....	81	125	144	130	219	919	1,547
Calif.....	109	161	185	217	377	1,435	2,475	N.J.....	92	146	158	142	219	1,239	1,913
Colo.....	79	124	146	149	260	963	1,758	N. Mex.....	76	115	132	142	266	839	1,546
Conn.....	93	127	140	189	295	1,415	2,210	N.Y.....	105	157	166	189	270	1,875	2,617
Del.....	(NA)	125	148	163	254	1,350	2,113	N.C.....	53	87	96	115	192	872	1,427
D.C.....	(NA)	170	189	208	368	1,640	3,130	N. Dak.....	66	93	109	98	170	818	1,462
Fla.....	77	109	122	151	241	1,118	1,776	Ohio.....	89	139	150	139	243	1,140	1,914
Ga.....	63	92	113	139	219	889	1,397	Okla.....	63	101	115	129	229	862	1,506
Hawaii.....	82	127	140	152	264	1,049	1,979	Oreg.....	89	133	163	159	292	1,000	1,741
Idaho.....	73	110	129	121	215	765	1,315	Pa.....	88	132	156	143	244	1,214	2,023
								R.I.....	102	138	149	188	281	1,506	2,253
Ill.....	89	144	166	160	275	1,281	2,161	S.C.....	53	80	95	114	190	831	1,332
Ind.....	75	107	126	127	218	1,004	1,652	S. Dak.....	58	96	111	98	185	690	1,187
Iowa.....	72	107	123	110	200	856	1,472	Tenn.....	63	91	100	114	193	854	1,380
Kans.....	64	104	120	113	206	881	1,555	Tex.....	63	91	103	129	222	876	1,468
Ky.....	64	92	106	110	184	779	1,246	Utah.....	71	112	127	148	269	830	1,408
La.....	58	89	100	137	231	889	1,479	Vt.....	82	116	132	131	195	1,023	1,530
Maine.....	79	124	137	137	227	1,018	1,799	Va.....	68	101	115	122	211	979	1,678
Md.....	88	119	130	181	272	1,502	2,272	Wash.....	90	125	149	172	282	961	1,593
Mass.....	102	151	167	205	315	1,745	2,730	W. Va.....	66	110	123	109	208	832	1,383
Mich.....	97	151	162	166	281	1,362	2,210	Wis.....	72	104	121	128	220	1,047	1,800
Minn.....	71	105	118	122	197	1,073	1,784	Wyo.....	65	98	118	117	235	643	1,202
Miss.....	44	67	81	102	170	705	1,160								

NA Not available. ¹ As of July. ² As of January. ³ Source: American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual. (Copyright.) ⁴ Includes Puerto Rico.

Source: Except as noted, Health Insurance Institute, Washington, D.C., *Source Book of Health Insurance Data*, annual. Data from Health Insurance Association of America, New York, N.Y.

NO. 178. HOSPITAL FACILITIES—TOTAL, 1960 TO 1979, AND STATES AND PUERTO RICO, 1979

[Short-term hospitals have an average stay of less than 30 days. See also *Historical Statistics, Colonial Times to 1970*, series B 305-308 and B 359-362]

YEAR AND STATE OR OTHER AREA	HOSPITALS		BEDS (1,000)		PATIENTS ADMITTED (mil.)		AVERAGE DAILY CENSUS ² (1,000)		OCCUPANCY RATE ³		Personnel ⁴ (1,000)	Total outpatient visits (mil.)
	Total	Short-term ¹	Total	Short-term ¹	Total	Short-term ¹	Total	Short-term ¹	Total	Short-term ¹		
1960.....	6,876	5,407	1,658.0	639.1	25.0	23.0	1,401.9	477.4	84.6	74.7	1,598	(NA)
1965.....	7,123	5,736	1,703.5	741.3	28.8	26.5	1,402.6	563.4	82.3	76.0	1,952	125.8
1969.....	7,144	5,853	1,649.7	825.8	30.7	28.3	1,346.3	650.8	81.6	78.8	2,426	163.2
1970.....	7,123	5,859	1,615.8	848.2	31.8	29.3	1,297.7	661.5	80.3	78.0	2,537	181.4
1971.....	7,097	5,865	1,555.6	866.5	32.7	30.1	1,236.8	664.8	79.5	76.7	2,589	199.7
1972.....	7,061	5,843	1,549.7	883.7	33.3	30.8	1,208.9	664.1	78.0	75.2	2,671	219.2
1973.....	7,123	5,891	1,534.7	903.3	34.4	31.8	1,189.0	681.5	77.5	75.4	2,769	233.6
1974.....	7,174	5,977	1,512.7	931.2	35.5	32.9	1,187.4	701.3	77.2	75.3	2,919	250.5
1975.....	7,156	5,979	1,465.8	947.0	36.2	33.5	1,124.9	708.1	76.7	74.8	3,023	254.8
1976.....	7,082	5,956	1,433.5	961.2	36.8	34.1	1,089.7	714.8	76.0	74.4	3,108	271.0
1977.....	7,099	5,973	1,407.1	973.9	37.1	34.4	1,065.9	716.7	75.8	73.6	3,213	263.8
1978.....	7,015	5,935	1,380.6	979.7	37.2	34.6	1,041.9	719.9	75.5	73.5	3,280	263.6
1979, U.S.....	6,988	5,923	1,371.8	987.7	37.8	35.2	1,043.4	729.0	76.1	73.8	3,382	262.0
Ala.....	147	133	25.3	18.9	.8	.7	19.2	13.9	75.6	73.3	58	3.1
Alaska.....	26	16	1.7	.9	.1	(2)	1.0	.6	57.4	60.4	5	1.2
Ariz.....	80	60	11.7	8.9	.4	.3	8.3	6.6	72.7	73.8	35	3.8
Ark.....	96	91	12.7	10.4	.4	.4	9.0	7.2	70.5	69.2	29	1.6
Calif.....	608	518	114.4	83.5	3.3	3.1	80.1	55.2	70.0	66.1	315	27.4
Colo.....	99	85	15.0	11.6	.5	.4	10.4	7.7	69.0	66.2	40	3.8
Conn.....	66	40	18.4	11.0	.5	.4	14.6	8.6	79.3	78.6	48	4.3
Del.....	15	8	4.2	2.1	.1	.1	3.5	1.7	83.9	81.4	10	.8
D.C.....	17	12	8.6	4.7	.2	.2	7.3	3.6	85.1	77.5	28	2.6
Fla.....	251	216	56.5	45.1	1.7	1.6	41.2	31.6	72.9	70.2	136	8.3
Ga.....	189	162	31.1	22.6	1.0	.9	22.3	15.6	71.7	68.7	77	6.2
Hawaii.....	27	20	3.9	2.6	.1	.1	3.0	2.0	77.3	75.4	11	1.6
Idaho.....	51	47	3.7	3.3	.1	.1	2.5	2.2	66.4	65.4	9	.9
Ill.....	285	246	73.5	56.2	2.1	1.9	56.2	41.9	76.4	74.5	196	12.5
Ind.....	134	116	32.3	24.0	.9	.9	25.4	18.3	78.4	76.6	77	5.7
Iowa.....	141	131	21.5	16.07	.6	.6	14.7	11.1	68.4	66.4	44	2.6
Kans.....	164	147	18.4	13.7	.5	.4	13.1	9.3	71.2	67.6	4	3.3
Ky.....	121	108	18.6	15.0	.7	.6	14.3	11.6	76.9	77.2	45	3.6
La.....	158	141	25.1	18.7	.8	.7	17.6	12.9	70.0	69.1	59	5.2
Maine.....	52	48	7.1	5.1	.2	.2	5.3	3.8	75.4	74.5	18	1.5
Md.....	84	53	25.2	14.2	.6	.5	20.6	11.7	81.8	82.2	64	5.5
Mass.....	186	123	44.5	25.8	.9	.9	36.1	20.7	81.3	80.3	122	9.8
Mich.....	239	206	50.3	40.1	1.5	1.4	39.4	30.9	78.4	77.0	140	11.5
Minn.....	163	169	30.6	23.8	.7	.7	22.3	16.8	72.7	70.8	63	3.1
Miss.....	116	106	16.05	11.9	.5	.5	12.4	8.6	75.4	72.9	35	2.0
Mo.....	164	147	34.8	27.1	1.0	.9	26.0	20.1	74.6	74.1	86	5.4
Mont.....	67	60	5.03	4.5	.1	.1	3.4	2.8	64.1	2.3	10	.8
Nebr.....	109	98	11.9	9.6	.3	.3	8.0	6.3	67.6	65.1	25	1.6
Nev.....	25	19	3.3	2.8	.1	.1	2.2	1.9	68.2	67.1	9	1.0
N.H.....	33	29	4.7	3.5	.1	.1	3.5	2.5	74.1	70.4	12	1.5
N.J.....	135	105	43.7	30.3	1.1	1.0	36.0	24.7	82.3	81.6	99	7.5
N. Mex.....	54	37	6.1	3.9	.2	.2	4.3	2.5	70.8	65.6	16	2.4
N.Y.....	358	285	131.4	81.2	2.8	2.6	113.4	69.5	86.3	85.7	327	25.8
N.C.....	159	132	33.4	23.0	.9	.9	25.6	17.6	76.7	76.1	77	6.2
N. Dak.....	60	54	5.9	4.7	.1	.1	4.0	3.1	67.5	66.0	11	.6
Ohio.....	239	207	63.6	50.3	1.9	1.8	49.8	38.9	78.3	77.3	166	11.2
Okla.....	142	122	17.8	12.8	.5	.5	12.1	8.5	69.0	66.9	42	3.0
Oreg.....	85	78	11.6	8.9	.4	.4	8.2	5.9	70.4	66.3	29	2.1
Pa.....	314	250	86.4	56.2	2.0	1.9	68.5	43.6	79.3	77.5	202	18.3
R.I.....	21	14	6.02	3.4	.1	.1	5.3	2.9	86.2	84.4	17	1.2
S.C.....	89	75	16.9	11.1	.5	.4	12.8	8.3	76.1	74.7	37	3.7
S. Dak.....	69	56	5.6	3.7	.1	.1	3.6	2.1	64.1	57.9	10	.9
Tenn.....	167	148	31.4	23.9	1.0	.9	24.2	18.0	77.2	75.3	72	3.9
Tex.....	568	506	80.1	61.5	2.5	2.3	57.1	41.9	71.3	68.1	190	13.3
Utah.....	41	35	5.1	4.0	.2	.2	3.7	2.8	72.9	70.3	15	1.7
Vt.....	19	16	2.9	2.2	.1	.1	2.2	1.6	74.8	72.3	7	.6
Va.....	134	102	31.9	20.6	.8	.7	24.7	15.9	77.5	76.9	74	5.8
Wash.....	125	108	16.0	12.1	.6	.5	11.3	8.3	70.8	68.3	44	4.6
W. Va.....	78	66	14.1	10.2	.4	.4	10.9	7.7	77.2	75.4	31	2.3
Wis.....	167	145	28.7	23.3	.8	.7	21.1	16.6	73.5	71.2	67	4.4
Wyo.....	31	27	2.5	1.6	.1	.1	1.6	.9	62.2	54.7	5	.5
P.R.....	62	56	11.5	9.2	.4	.4	8.7	6.7	75.5	72.76	28	2.7

NA Not available. Z Fewer than 50,000. ¹ Non-Federal hospitals. ² Inpatients receiving treatment each day; excludes newborn. ³ Ratio of average daily census to every 100 beds. ⁴ Includes full-time equivalents of part-time personnel.

Source: American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual. (Copyright.)

NO. 179. HOSPITAL UTILIZATION RATES, BY SEX AND AGE OF PATIENT: 1965 TO 1979

[Covers estimates of inpatients discharged from noninstitutional, short-stay hospitals, exclusive of Federal hospitals. Excludes newborn. Based on sample data collected from the National Hospital Discharge Survey, a sample survey of hospital records of patients discharged in year shown; subject to sampling variability]

YEAR AND PATIENT'S AGE CLASS (in years)	Patients discharged (1,000)	PATIENTS DISCHARGED PER 1,000 PERSONS ¹			DAYS OF CARE PER 1,000 PERSONS ¹			AVERAGE STAY (days)			Beds used per day ²
		Total	Male	Female	Total	Male	Female	Total	Male	Female	
1965.....	28,792	152	121	180	1,186	1,018	1,339	7.8	8.4	7.4	325
1970.....	29,185	146	119	171	1,173	1,033	1,297	8.0	8.7	7.6	321
1971.....	29,459	146	120	170	1,143	1,004	1,269	7.8	8.4	7.5	313
1972.....	31,627	155	128	180	1,200	1,056	1,330	7.7	8.3	7.4	328
1973.....	32,125	156	129	181	1,212	1,066	1,345	7.8	8.3	7.4	332
1974.....	33,018	159	131	185	1,233	1,089	1,365	7.7	8.3	7.4	338
1975.....	34,043	163	134	190	1,255	1,104	1,395	7.7	8.2	7.4	344
1976.....	34,372	163	135	189	1,236	1,093	1,369	7.6	8.1	7.2	339
1977.....	35,902	169	140	196	1,237	1,095	1,369	7.3	7.8	7.0	339
1978.....	35,616	167	139	192	1,225	1,085	1,355	7.4	7.8	7.1	336
1979, total.....	36,747	170	141	197	1,224	1,080	1,358	7.2	7.7	6.9	335
Under 1.....	754	230	254	204	1,314	1,477	1,142	5.7	5.8	5.6	360
1-4.....	1,094	89	101	75	340	391	287	3.8	3.9	3.8	93
5-14.....	1,793	52	56	48	211	231	189	4.0	4.1	4.0	58
15-24.....	5,861	148	82	208	656	469	836	4.5	5.7	4.0	180
25-34.....	6,005	176	98	250	908	627	1,174	5.2	6.4	4.7	249
35-44.....	3,621	147	121	171	957	848	1,056	6.5	7.0	6.2	262
45-64.....	8,532	196	193	199	1,604	1,563	1,642	8.2	8.1	8.3	440
65 and over.....	9,086	389	411	374	4,183	4,287	4,112	10.8	10.4	11.0	1,146

¹ Total civilian noninstitutional population.

² Average daily number of beds occupied per 100,000 civilian noninstitutional population.

NO. 180. SURGICAL OPERATIONS IN SHORT-STAY HOSPITALS: 1971 TO 1979

[Excludes newborn infants and discharges from Federal hospitals. See headnote, table 179]

SEX AND TYPE OF OPERATION	NUMBER OF OPERATIONS (mil.)						RATE PER 1,000 POPULATION ¹					
	1971	1973	1975	1977	1978	1979	1971	1973	1975	1977	1978	1979
Total²	15.77	18.43	20.04	21.16	20.75	23.86	78.1	89.5	95.6	99.7	97.0	110.5
Male³	6.16	6.94	7.37	7.96	7.83	8.18	63.3	69.9	73.2	77.8	75.9	78.5
Operations on the musculoskeletal system.....	1.07	1.22	1.34	1.49	1.47	1.53	11.0	12.3	13.3	14.5	14.2	14.7
Operations on the cardiovascular system.....	.30	.41	.52	.67	.71	.70	3.1	4.1	5.2	6.5	6.9	6.7
Biopsy.....	.24	.30	.35	.41	.45	.51	2.5	3.0	3.5	4.0	4.3	4.9
Repair of inguinal hernia.....	.44	.46	.48	.47	.45	.45	4.5	4.7	4.8	4.6	4.3	4.3
Operations on the eye.....	.25	.30	.33	.37	.37	.40	2.6	3.0	3.3	3.6	3.6	3.8
Prostatectomy.....	.21	.25	.27	.30	.30	.29	2.1	2.5	2.6	2.9	2.9	2.8
Tonsillectomy with or without adenoidectomy.....	.45	.40	.30	.27	.23	.22	4.6	4.0	2.9	2.6	2.2	2.1
Cardiac catheterization.....	.06	.10	.13	.19	.21	.20	.6	1.0	1.2	1.8	2.0	1.9
Appendectomy, excl. incidental.....	.16	.18	.16	.18	.15	.16	1.7	1.8	1.6	1.8	1.5	1.6
Female^{2,3}	9.59	11.48	12.66	13.20	12.92	15.68	91.5	107.8	117.0	120.2	116.8	140.4
Operations on the female genital organs.....	2.79	3.57	3.89	4.00	3.82	4.23	26.6	33.5	36.0	36.4	34.6	37.9
Diagnostic dilation and curettage of uterus.....	.77	.93	.98	1.00	.97	.94	7.3	8.8	9.0	9.1	8.7	8.4
Hysterectomy.....	.57	.69	.73	.71	.64	.64	5.4	6.5	6.7	6.4	5.8	5.7
Bilateral destruction or occlusion of Fallopian tubes.....	.21	.30	.37	.59	.55	.61	2.0	2.8	3.4	5.3	5.0	5.5
Obstetrical procedures ²	.97	1.08	1.25	1.41	1.47	3.47	9.3	10.1	11.6	12.9	13.3	31.1
Cesarean section.....	.19	.25	.33	.46	.51	.60	1.9	2.3	3.0	4.1	4.6	5.4
Operations on the musculoskeletal system.....	.88	1.13	1.26	1.37	1.36	1.38	8.4	10.6	11.6	12.5	12.3	12.4
Biopsy.....	.52	.62	.75	.77	.73	.82	4.0	5.8	7.0	7.0	6.6	7.3
Operations on the eye.....	.31	.36	.42	.47	.51	.55	2.9	3.4	3.9	4.3	4.6	4.9
Cholecystectomy.....	.29	.32	.34	.33	.32	.33	2.7	3.0	3.1	3.0	2.9	2.9
Tonsillectomy with or without adenoidectomy.....	.52	.49	.39	.35	.32	.29	5.0	4.6	3.6	3.2	2.9	2.6
Appendectomy, excl. incidental.....	.15	.16	.16	.16	.15	.15	1.5	1.5	1.5	1.4	1.3	1.3

¹ Based on Bureau of the Census estimated civilian noninstitutional population as of July 1.

² Beginning 1979 includes some obstetrical procedures for inducing or assisting delivery which were excluded prior to 1979.

³ Includes types of operations not shown separately.

Source of tables 179 and 180: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 13 publications.

NO. 181. HOSPITAL USE RATES, BY TYPE OF HOSPITAL: 1960 TO 1979

[See also *Historical Statistics, Colonial Times to 1970*, series B 384-387]

TYPE OF HOSPITAL	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Non-Federal short-term: ¹										
Admissions per 1,000 population ²	128	137	140	153	157	156	160	160	160	160
Admissions per bed	36	36	34	35	35	35	35	35	35	36
Average length of stay ³ (days)	7.4	7.7	8.2	7.8	7.8	7.7	7.7	7.6	7.6	7.6
Outpatient visits per admission	(NA)	(NA)	4.5	5.6	5.9	5.9	6.1	5.9	6.0	6.0
Outpatient visits per 1,000 population ²	(NA)	(NA)	641	860	929	929	975	951	953	926
Surgical operations (million)	(NA)	(NA)	(NA)	15.4	16.2	16.7	16.9	17.2	17.2	18.3
Number per admission	(NA)	(NA)	(NA)	.5	.5	.5	.5	.5	.5	.5
Psychiatric:										
Admissions per 1,000 population ²	2.3	2.9	3.3	3.1	3.2	3.2	3.1	3.0	2.7	2.9
Days in hospital per 1,000 population ²	1,491	1,261	862	641	574	495	429	390	320	341

NA Not available. ¹ General and special; excludes psychiatric and tuberculosis. Short-term hospitals have an average patient stay of less than 30 days. ² Based on Bureau of the Census estimated resident population as of July 1. ³ Number of inpatient days divided by number of admissions.

Source: American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual (copyright), and unpublished data.

NO. 182. LONG-TERM CARE INSTITUTIONS—SUMMARY: 1976

[Residents in thousands. Covers residential care facilities with an average stay of 30 days or more. Based on sample survey; for details, see source. Data differ from tables 173 and 183-185, which list each facility with a separate license as a separate institution. For data shown here, a facility was counted as a separate institution for each type of care provided. Resident is any person who was on the patient roster and who was living at the institution or for whom a bed was being held]

CHARACTERISTIC	Total ¹	Nursing homes	Psychiatric ²	Mentally handicapped ³	CHARACTERISTIC	Total ¹	Nursing homes	Psychiatric ²	Mentally handicapped ³
Institutions, total ...	23,608	18,261	1,567	1,705	Residents, total ⁴	1,550	1,183	65	189
Facilities with—					Male.....	597	378	46	110
1-99 beds.....	18,778	14,254	1,439	1,433	Female.....	948	803	18	78
100-349 beds.....	4,518	3,914	105	128	White.....	1,410	1,101	49	169
350 or more beds.....	312	93	23	144	Black and other.....	135	80	15	20
Ownership:					Under 18 yrs. old.....	152	9	28	56
Government.....	1,889	872	243	274	18-64 yrs. old.....	334	154	32	125
Proprietary.....	12,429	11,213	130	788	65 yrs. old and over.....	1,028	989	5	6
Private nonprofit.....	9,290	6,177	1,194	643					

¹ Includes other facilities, not shown separately. ² Facilities for the emotionally disturbed and residential treatment or rehabilitation centers for alcoholics and drug abusers. ³ Facilities for mentally retarded and other neurologically handicapped persons. ⁴ Includes not reported, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 69.

NO. 183. NURSING AND RELATED CARE FACILITIES: 1963 TO 1980

[Count of nursing and related care homes based on National Master Facility Inventory compiled by the U.S. National Center for Health Statistics; see Appendix III]

ITEM	Unit	1963	1967	1970	1971	1973	1975	1976	1978	1979	1980
Nursing and related care: ¹											
Facilities.....	Number.....	16,701	19,141	(NA)	22,004	21,834	(NA)	² 20,468	³ 18,722	(NA)	(NA)
Beds.....	1,000.....	569	837	(NA)	1,202	1,328	(NA)	² 1,415	³ 1,349	(NA)	(NA)
Resident patients.....	1,000.....	491	756	(NA)	1,076	1,198	(NA)	² 1,293	³ 1,240	(NA)	(NA)
Personnel employed ⁴	1,000.....	242	383	(NA)	568	636	(NA)	² 653	³ 664	(NA)	(NA)
Per 1,000 patients.....	Rate.....	491	507	(NA)	528	531	(NA)	² 505	³ 535	(NA)	(NA)
Skilled nursing facilities ⁵	Number.....	(X)	4,154	4,646	4,277	3,970	3,926	3,922	4,745	4,958	5,047
Beds.....	1,000.....	(X)	291	333	307	287	287	309	408	420	436
Per 1,000 Medicare enrollees ⁶	Rate.....	(X)	15.2	16.6	15.1	13.5	13.0	13.7	17.3	17.4	⁷ 17.7

NA Not available. X Not applicable. ¹ Places providing some form of nursing, personal, or domiciliary care; standards vary widely among States. Includes skilled nursing facilities. ² Some changes in data beginning 1976 may be due to dependence on State collection; see Appendix III. ³ Includes 1976 data for California, District of Columbia, New York, and North Carolina. ⁴ Full-time employees only. ⁵ Source: Through 1976, U.S. Social Security Administration, *Health Insurance Statistics* and unpublished data. Beginning 1978, U.S. Health Care Financing Administration, *Medicare: Participating Health Facilities, 1979; Medicare Participating Providers and Suppliers of Health Services, 1980*; and unpublished data. Covers facilities and beds certified for participation under Medicare as of mid-year. Includes facilities which have transfer agreements with one or more participating hospitals, and are engaged primarily in providing skilled nursing care and related services for the rehabilitation of injured, disabled, or sick persons. ⁶ Based on number of aged persons residing in United States who were enrolled in the Medicare hospital insurance program as of July 1 of year stated. ⁷ Preliminary.

Source: Except as noted, U.S. National Center for Health Statistics, *Health Resources Statistics*, annual; beginning 1976, biennial.

No. 184. NURSING AND PERSONAL CARE HOMES—SELECTED CHARACTERISTICS OF HOMES AND RESIDENTS, AND PRIMARY SOURCES OF PAYMENT: 1964 TO 1977

[In thousands except as indicated. Data based on periodic surveys; for details, see source]

CHARACTERISTIC	1964	1969	1973- 1974 ¹	1977 ²	CHARACTERISTIC	1964	1969	1973- 1974 ¹	1977 ²
Estimated number of homes	17.3	18.4	15.7	18.9	Total residents	554	815	1,076	1,303
By type of ownership:					White	(NA)	779	1,010	1,201
Proprietary	14.2	14.2	11.9	14.5	Black and other	(NA)	37	65	102
Nonprofit	2.2	2.8	2.7	3.4	Under 65 years	66	93	114	177
Government	1.0	1.4	1.2	1.0	65 and over	488	722	962	1,126
Less than 50 beds	14.2	11.7	6.4	8.0	Percent of total	88.0	88.6	89.4	86.4
50-99 beds	2.1	4.6	5.5	5.8	Male	194	252	318	375
100 beds or more	1.0	2.1	3.8	5.1	Under 65 years	36	45	52	81
Beds, total	600	881	1,175	1,402	65 and over	158	207	266	294
Average per home	35	48	75	71	Percent of male	81.3	82.2	83.5	78.3
Per 1,000 persons 65 and older	33.6	45.2	55.2	59.7	65-74 years	40	51	65	80
Employment ³	258	484	713	848	75-84 years	74	91	102	122
Per 100 residents	46.6	59.4	66.3	49.7	85 and over	43	64	98	92
Residents, total	554	815	1,076	1,303	Female	360	563	758	928
Percent, by primary source of payment:					Under 65 years	30	48	62	96
Medicare	(x)	3.4	1.1	2.0	65 yr. and over	330	515	696	832
Medicaid	(x)	13.3	47.9	47.8	Percent of female	91.6	91.5	91.8	90.0
Public assistance	47.0	36.5	11.4	6.4	65-74 years	64	86	98	131
Other	54.0	46.9	39.7	43.8	75-84 years	157	232	283	343
					85 and over	109	198	315	358

NA Not available. X Not applicable. ¹ Excludes personal care homes without nursing. ² Includes domiciliary care homes. ³ Full-time equivalent. ⁴ Data from 1968 Nursing Home Survey. ⁵ Excludes clerical and office staff; and food service, housekeeping, and maintenance workers.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 12 and 13, and unpublished data.

No. 185. NURSING AND RELATED CARE FACILITIES, BY STATES: 1971 AND 1978

[Data are for places providing some form of nursing, personal, or domiciliary care; standards vary widely among States. Based on National Master Facility Inventory; see Appendix III]

STATE	FACILITIES		BEDS (1,000)		RESIDENT PATIENTS (1,000)		STATE	FACILITIES		BEDS (1,000)		RESIDENT PATIENTS (1,000)	
	1971	1978	1971	1978	1971	1978		1971	1978	1971	1978	1971	1978
U.S.	22,004	18,722	1,202	1,349	1,076	1,240	Miss	134	96	7.1	10.2	6.2	9.6
Ala	192	204	13.4	19.2	12.3	18.0	Mo. 2	494	824	32.0	40.6	28.5	36.9
Alaska	8	12	.7	1.1	.5	.8	Mont.	103	67	4.5	4.3	4.1	4.0
Ariz. 2	82	84	5.2	6.8	4.6	6.3	Nebr. 2	253	214	15.1	16.6	13.7	15.2
Ark	218	179	15.1	16.6	13.8	15.6	Nev.	43	29	1.4	1.7	1.2	1.6
Calif.	4,277	3,500	146.0	138.2	121.5	124.5	N.H.	140	96	5.5	6.6	5.0	6.2
Colo. 2	212	190	16.4	19.2	14.9	17.8	N.J.	548	487	30.8	37.5	27.7	35.2
Conn	380	286	21.9	20.2	20.6	18.8	N. Mex.	60	43	3.3	2.6	2.6	2.4
Del	34	27	1.9	2.5	1.7	2.4	N.Y.	1,096	1,027	81.1	104.5	76.3	97.3
D.C.	73	70	2.8	2.9	2.5	2.5	N.C. 2	843	722	19.2	24.6	17.5	22.7
Fla	373	346	35.9	34.4	29.6	32.4	N. Dak.	109	79	6.2	5.1	5.9	4.9
Ga	283	278	22.8	29.8	20.8	27.8	Ohio	1,191	669	59.5	52.0	53.2	48.2
Hawaii	132	148	2.3	3.3	2.2	2.6	Okla	411	222	26.9	17.2	23.8	15.6
Idaho 2	64	48	3.9	4.4	3.4	4.1	Oreg	311	184	17.2	11.7	16.0	10.8
Ill	1,046	557	66.9	61.5	61.1	55.5	Pa. 2	753	609	57.7	79.9	52.5	74.1
Ind	522	476	32.5	41.0	29.0	36.9	R.I. 2	185	112	6.5	8.0	6.1	7.3
Iowa	747	488	33.8	33.9	30.4	31.5	S.C.	118	161	7.5	9.4	6.6	8.7
Kans	480	283	21.9	19.8	20.0	18.2	S. Dak	153	138	7.0	8.6	6.6	8.1
Ky	344	237	18.6	17.6	16.5	16.1	Tenn. 2	234	245	14.3	18.5	12.2	17.6
La	212	133	14.6	13.9	13.3	13.1	Tex.	937	966	70.8	82.6	60.8	77.1
Maine	288	353	7.4	10.7	6.8	9.9	Utah	142	72	4.8	4.4	4.4	4.1
Md	195	183	14.7	19.3	13.8	18.3	Vt. 2	101	214	3.0	5.0	2.8	4.6
Mass. 2	960	829	49.7	51.2	46.1	48.4	Va. 2	335	330	15.7	21.0	14.1	20.0
Mich. 2	562	563	43.3	60.2	40.2	56.2	Wash	385	504	28.6	34.9	25.2	32.6
Minn. 2	593	495	41.1	44.4	38.0	42.6	W. Va.	124	125	3.9	6.1	3.5	5.8
							Wis.	490	490	37.6	51.1	34.0	47.7
							Wyo	34	28	1.7	2.0	1.6	1.9

¹ Includes 1976 data for Calif., D.C., N.Y., and N.C. ² See footnote 2, table 183. ³ 1976 data.

Source: U.S. National Center for Health Statistics, *Health Resources Statistics*, biennial.

NO. 186. PATIENT CARE EPISODES IN MENTAL HEALTH FACILITIES, BY TYPE OF TREATMENT FACILITY: 1955 TO 1977

["Patient care episodes" is defined as the number of residents in inpatient facilities or the number of persons on the rolls of outpatient facilities at the beginning of the year plus the total additions to both types of facilities during the year. Excludes private psychiatric office practice, psychiatric service modes of all types in hospitals or outpatient clinics of Federal agencies other than Veterans Administration (VA), inpatient service modes of multiservice facilities not shown in this table, all partial care episodes, and outpatient episodes of VA hospitals]

ITEM AND YEAR	All facilities	INPATIENT SERVICES					OUTPATIENT PSYCHIATRIC SERVICES			
		Total	Mental care hospitals		General ²	VA	Community mental health centers ³	Total	Community mental health centers ³	Other
			State and county	Pri- vate ¹						
Patient care episodes (1,000):										
1955.....	1,675	1,296	819	123	266	88	(NA)	379	(NA)	379
1965.....	2,637	1,566	805	125	519	116	(NA)	1,071	(NA)	1,071
1971.....	4,038	1,721	748	127	543	177	130	2,317	623	1,694
1975.....	6,409	1,791	599	165	566	214	247	4,618	1,585	3,033
1977.....	6,640	1,817	574	184	572	218	269	4,823	1,742	3,081
Percent distribution:										
1955.....	100.0	77.4	48.9	7.3	15.9	5.3	(NA)	22.6	(NA)	22.6
1965.....	100.0	59.4	30.5	4.8	19.7	4.4	(NA)	40.6	(NA)	40.6
1971.....	100.0	42.6	18.5	3.1	13.4	4.4	3.2	57.4	15.4	42.0
1975.....	100.0	27.9	9.3	2.6	8.8	3.3	3.9	72.1	24.7	47.4
1977.....	100.0	27.4	8.6	2.8	8.6	3.3	4.1	72.6	26.2	46.4
Rate per 100,000 population:										
1955.....	1,028	795	502	76	163	54	(NA)	233	(NA)	233
1965.....	1,376	817	420	65	271	60	(NA)	559	(NA)	559
1971.....	1,981	847	365	66	266	87	64	1,134	305	829
1975.....	3,033	847	283	78	268	101	117	2,185	750	1,435
1977.....	3,079	842	266	85	265	101	125	2,236	808	1,429

NA Not available. ¹ Includes estimates of episodes of care in residential treatment centers for emotionally disturbed children. ² Hospitals (non-VA) with psychiatric inpatient units. ³ Federally funded.

Source: U.S. National Institute of Mental Health, *Statistical Note 139*, DHEW Publication, No. (ADM) 77-158, 1977, and unpublished data.

NO. 187. RESIDENTIAL FACILITIES FOR THE MENTALLY RETARDED: 1960 TO 1980

[For years ending June 30. Mentally retarded people refers to those who have been so designated by State governments in the process of placing them into residential facilities]

ITEM	STATE-OPERATED FACILITIES ¹							Community facilities, ³ 1977
	1960	1965	1970	1975	1978 ²	1979 ²	1980 ²	
Number of institutions.....	108	143	190	210	398	391	388	4,427
Resident patients, beginning of year.....	158,682	181,549	189,956	166,689	161,562	155,114	148,195	(NA)
Admissions ⁴	14,701	17,300	14,985	13,424	14,286	17,308	5,663	17,398
Deaths in institutions.....	3,202	3,583	3,496	2,752	2,385	2,251	2,145	612
Live releases ⁵	6,451	7,993	14,702	18,320	19,665	21,406	14,240	9,297
Resident patients, end of year.....	163,730	187,273	186,743	159,041	152,476	147,729	139,557	62,397
Rate per 100,000 population ⁶	91.9	97.7	92.6	75.2	70.4	67.6	62.0	29.1
Average daily resident patients.....	163,282	189,172	187,897	161,061	148,453	140,407	135,490	(NA)
Maintenance expenditures per average daily resident patient (dollars): ⁷								
Per year.....	1,650	2,335	4,635	11,315	18,360	20,849	(NA)	(NA)
Per day.....	5	6	13	31	50	57	63	⁸ 16

NA Not available. ¹ Data as submitted by many State agencies; figures reflect some estimates. Resident patients at the end of a year do not equal the number at the beginning of a succeeding year. Includes estimates for underreporting. ² Includes data for 141 facilities in 1978, 135 facilities in 1979, and 136 facilities in 1980 operated as mental hospitals or other care facilities and which have at least 10 mentally retarded residents. The average daily number of mentally retarded residents in these facilities was 8,626 in 1978, 8,979 in 1979, and 6,940 in 1980. ³ A community-based living quarter which provides 24-hour, 7-days-a-week responsibility for room, board, and supervision of mentally retarded persons. Excludes single family homes providing services to a relative; nursing homes, boarding homes and foster homes not formally licensed or contracted as mental retardation service providers; and independent living programs which have no staff residing in facility. ⁴ Includes readmissions and excludes transfers. ⁵ 1960-1975, represents excess of patients released alive from hospital over those returning to hospital. Beginning 1978, total live releases. ⁶ Based on Bureau of the Census estimated civilian population as of July 1, except 1980, as of April 1. ⁷ Reporting facilities only, includes salaries and wages, purchased provisions, fuel, light, water, etc. ⁸ Represents average daily reimbursement rate.

Source: State-operated facilities: U.S. Office of Human Development Services, *Residents in Public Institutions for the Mentally Retarded*, annual, through 1970, and unpublished data; 1978-1980, Krantz, Bruininks, and Clumpner, *Mentally Retarded People in State-Operated Residential Facilities*, annual Bruininks Community Facilities: Hauber, and Kudja; *National Survey of Community Residential Facilities: A Profile of Facilities and Residents in 1977*, 1979.

NO. 188. PATIENTS IN MENTAL HEALTH FACILITIES: 1977 AND 1980

[Additions comprise admissions and readmissions]

STATE	MENTAL CARE HOSPITALS, 1977 ¹				Outpatient psychiatric services, addi- tions, ^{1 2} 1977	General hospitals with psychiatric inpatient units, dis- charges, ^{1 3} 1977	STATE FACILITIES FOR MENTALLY RETARDED ⁴			Communi- ty facilities, mentally retarded res- idents, ^{5 7} 1977
	State and county		Private				Resi- dent pa- tients, ⁵ 1980	Total admis- sions, ⁶ 1980	Total live re- leases, ⁶ 1980	
	Resi- dent patients, end of year	Total additions	Resi- dent pa- tients, end of year	Total additions						
Facilities, number	297		189		1,873	843		252		4,427
U.S.	159,405	414,507	12,078	134,658	1,505,515	551,190	131,721	4,745	11,973	62,397
Alabama.....	2,196	3,378	156	3,212	8,974	8,625	1,821	51	180	207
Alaska.....	102	823	-	-	1,841	244	90	13	17	119
Arizona.....	642	1,494	86	1,714	19,954	5,766	631	3	62	343
Arkansas.....	351	2,305	-	-	4,586	2,677	1,529	24	116	215
California.....	6,981	23,582	1,374	20,980	190,772	53,875	9,015	283	692	6,870
Colorado.....	1,151	6,873	212	2,681	18,532	5,108	1,452	62	102	848
Connecticut.....	2,705	13,789	773	2,560	36,186	6,565	2,957	39	(NA)	947
Delaware.....	688	1,859	51	621	4,452	367	520	10	12	89
District of Columbia.....	2,344	5,209	146	1,414	10,538	4,022	982	-	7	40
Florida.....	6,108	8,498	521	9,289	43,739	26,905	3,592	42	537	2,342
Georgia.....	5,432	32,446	430	6,787	28,864	12,192	1,363	30	100	306
Hawaii.....	135	891	-	-	4,327	1,041	422	12	40	177
Idaho.....	190	645	-	-	1,429	990	378	12	27	266
Illinois.....	6,049	24,788	407	5,541	97,550	34,050	5,571	187	639	6,076
Indiana.....	4,019	7,896	39	531	21,488	12,959	2,589	95	189	479
Iowa.....	1,180	5,517	-	-	21,112	11,682	1,922	68	86	1,150
Kansas.....	1,253	4,032	230	587	25,344	8,290	1,318	79	139	1,089
Kentucky.....	886	3,471	307	4,556	8,359	7,500	946	93	157	950
Louisiana.....	2,099	8,772	293	2,639	13,769	6,350	3,393	336	203	1,256
Maine.....	663	1,510	-	-	1,374	438	443	14	66	629
Maryland.....	4,012	10,945	619	2,327	34,482	5,000	2,988	165	346	374
Massachusetts.....	4,270	11,937	659	7,507	60,060	10,537	4,460	-	46	1,848
Michigan.....	4,680	18,127	580	6,869	69,593	18,527	4,634	90	850	4,126
Minnesota.....	2,353	7,388	-	-	31,759	18,883	1,784	103	293	3,140
Mississippi.....	2,407	5,488	41	759	5,369	2,771	1,801	224	253	354
Missouri.....	3,804	18,392	81	1,375	29,723	13,448	2,266	1,037	2,081	2,663
Montana.....	490	1,166	-	-	-	1,390	296	8	31	438
Nebraska.....	692	4,121	-	-	6,206	4,124	687	7	50	937
Nevada.....	206	826	-	-	4,209	1,939	150	20	23	30
New Hampshire.....	784	1,249	43	616	8,138	873	679	1	7	105
New Jersey.....	6,799	12,550	381	4,060	39,115	13,552	7,280	71	44	789
New Mexico.....	312	1,329	45	677	6,573	755	523	32	56	206
New York.....	30,122	38,276	897	6,829	244,379	59,921	14,514	245	612	3,314
North Carolina.....	4,062	15,776	229	1,908	21,295	12,091	3,257	34	102	643
North Dakota.....	615	2,360	-	-	1,284	1,969	1,072	4	30	185
Ohio.....	6,868	17,454	433	4,773	72,123	32,797	5,478	27	400	2,485
Oklahoma.....	2,087	8,122	34	622	21,334	6,673	1,719	136	152	584
Oregon.....	1,467	6,439	18	233	25,741	5,940	1,745	34	70	811
Pennsylvania.....	12,235	6,496	976	11,988	69,072	24,592	7,569	117	999	6,102
Rhode Island.....	1,354	4,302	133	1,354	13,878	1,067	689	3	44	181
South Carolina.....	3,527	5,027	-	-	7,014	5,333	3,059	156	194	310
South Dakota.....	625	1,322	-	-	4,394	804	661	7	42	260
Tennessee.....	3,694	7,838	126	1,443	17,661	8,558	2,174	88	258	903
Texas.....	5,578	24,440	521	6,214	36,456	40,832	11,178	406	658	2,280
Utah.....	337	686	-	-	2,711	3,376	763	5	68	412
Vermont.....	356	630	111	483	1,316	397	321	6	22	220
Virginia.....	5,793	12,369	798	7,250	35,266	13,172	3,714	67	274	508
Washington.....	1,203	3,503	47	1,173	32,845	11,230	2,101	55	415	1,550
West Virginia.....	2,376	3,822	33	1,142	8,047	5,400	564	52	84	56
Wisconsin.....	747	3,539	268	1,944	29,522	15,573	2,163	86	87	2,084
Wyoming.....	276	830	-	-	2,760	-	498	6	11	101

- Represents zero. NA Not available. ¹ Includes estimates for nonreporting facilities. ² Excludes federally funded community mental health centers. ³ Non-Federal. ⁴ Source: Krantz, Bruininks, and Clumpler, *Mentally Retarded People in State-Operated Residential Facilities: Year Ending June 30, 1980*. Data from survey conducted for U.S. Office of Human Development Services. Excludes facilities operated as mental hospitals or other care facilities. ⁵ As of June 30. ⁶ For year ending June 30. ⁷ See footnote 3, table 187. Source: Bruininks, Hauber, and Kudla, *National Survey of Community Residential Facilities: A Profile of Facilities and Residents in 1977, 1979*.

Source: Except as noted, U.S. National Institute of Mental Health, unpublished data.

NO. 189. DAYS OF DISABILITY, BY TYPE, AND BY SEX OF PATIENT: 1965 TO 1979

[1965, for year ending June 30; thereafter, calendar years. Refers to civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III. For composition of regions, see fig. 1, inside front cover]

ITEM	TOTAL DAYS OF DISABILITY (millions)						DAYS PER PERSON					
	1965	1970	1975	1977	1978	1979	1965	1970	1975	1977	1978	1979
Restricted-activity days ¹	3,086	2,913	3,734	3,773	4,011	4,106	16.4	14.6	17.9	17.8	18.8	19.0
Male.....	1,339	1,273	1,574	1,518	1,679	1,755	14.7	13.2	15.6	15.8	16.3	16.9
Female.....	1,747	1,640	2,160	2,155	2,333	2,351	18.0	15.8	20.0	19.6	21.1	21.1
White.....	(NA)	2,526	3,179	3,230	3,421	3,468	(NA)	14.4	17.5	17.6	18.5	18.6
Black.....	(NA)	365	522	505	546	585	(NA)	16.2	21.4	20.1	21.3	22.9
Under 65 years.....	2,420	2,331	2,916	2,961	3,093	3,128	14.1	12.9	15.5	15.6	16.2	16.3
65 and over.....	666	582	818	812	918	978	38.5	30.7	38.4	36.5	40.3	41.9
Northeast.....	(NA)	709	819	839	876	834	(NA)	14.5	16.7	17.3	18.0	17.6
North Central.....	(NA)	691	888	948	974	998	(NA)	12.4	15.9	16.8	17.0	17.4
South.....	(NA)	996	1,253	1,257	1,356	1,401	(NA)	15.9	18.7	18.2	19.6	19.8
West.....	(NA)	518	774	730	806	872	(NA)	15.6	20.8	19.1	20.9	21.8
Family income: ²												
Under \$5,000.....	(NA)	982	1,030	871	854	785	(NA)	23.3	32.4	33.2	35.7	37.5
\$5,000-\$9,999.....	(NA)	857	914	821	872	882	(NA)	12.8	20.2	21.2	24.2	26.8
\$10,000-\$14,999.....	(NA)	539	676	625	582	592	(NA)	11.5	14.4	15.3	15.8	17.4
\$15,000 and over.....	(NA)	331	863	1,102	1,314	1,467	(NA)	10.9	12.4	12.7	13.7	13.6
Bed-disability days ³	1,160	1,222	1,371	1,458	1,524	1,455	6.2	6.1	6.6	6.9	7.1	6.7
Male.....	484	503	546	589	617	585	5.3	5.2	5.4	5.8	6.0	5.6
Female.....	677	720	825	869	907	870	7.0	6.9	7.6	7.9	8.2	7.8
Under 65 years.....	914	959	1,097	1,134	1,193	1,136	5.3	5.3	5.8	6.0	6.2	5.9
65 and over.....	246	263	274	324	331	319	14.2	13.8	12.9	14.5	14.5	13.7
Work-loss days ⁴	400	417	433	450	486	483	5.7	5.4	5.2	5.0	5.2	5.0
Male.....	261	243	246	251	266	261	5.7	5.0	4.9	4.7	4.9	4.7
Female.....	139	175	187	199	220	222	5.6	5.9	5.7	5.3	5.7	5.4
School-loss days ⁵	214	222	217	223	220	209	5.2	4.9	5.1	5.4	5.4	5.3
Male.....	103	108	103	109	104	101	4.9	4.7	4.8	5.2	5.1	5.0
Female.....	111	114	115	114	116	107	5.4	5.1	5.5	5.6	5.8	5.5

NA Not available. ¹ A day when a person cuts down on his usual activities for the whole day because of illness or injury. Includes bed-disability, work-loss, and school-loss days. Total includes other items not shown separately.

² Excludes those with unknown income.

³ A day when a person was kept in bed either all or most of the day because of illness or injury. Includes those work-loss and school-loss days actually spent in bed.

⁴ A day when a person lost the entire workday because of illness or injury. Computed for persons 17 years of age and over in the currently employed population, defined as those who were working or had a job or business from which they were not on layoff during the 2-week period preceding the week of interview.

⁵ Child's loss of entire school day because of illness or injury. Computed for children 6-16 years of age.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

NO. 190. PERSONS INJURED, BY SEX, 1970 TO 1979, AND BY CIRCUMSTANCE, 1979

[Data refer to civilian noninstitutional population and comprise incidents leading to restricted activity and/or medical attention. Sum of estimates by type of circumstance may be greater than total injured because circumstances are not mutually exclusive. Based on National Health Interview Survey; see Appendix III. 1975 data not strictly comparable with other years]

YEAR	PERSONS INJURED (millions)			RATE PER 100 POPULATION			CIRCUMSTANCE	PERSONS INJURED (millions)			RATE PER 100 POPULATION		
	Total	Male	Female	Total	Male	Female		Total	Male	Female	Total	Male	Female
1970.....	56.0	31.8	24.2	28.0	33.0	23.3	1979 total.....	69.1	40.2	28.9	32.0	38.6	25.9
1973.....	60.0	34.8	25.2	29.1	35.0	23.7							
1974.....	59.1	33.6	25.6	28.5	33.6	23.8							
1975.....	71.9	39.4	32.5	34.4	39.1	30.0							
1976.....	65.4	37.1	28.3	31.1	36.5	26.0		12.0	9.3	2.7	5.6	8.9	2.4
1977.....	73.9	42.3	31.6	34.8	41.3	28.8		24.7	13.0	11.7	11.5	12.5	10.5
1978.....	67.5	38.1	29.4	31.6	36.9	26.6		5.0	2.8	2.2	2.3	2.7	2.0
							Other.....	30.1	17.2	12.9	14.0	16.5	11.6

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

NO. 191. PERCENT OF CHILDREN 1 TO 4 YEARS OLD IMMUNIZED AGAINST SPECIFIED DISEASES: 1965 TO 1980

[Covers civilian noninstitutional population. Based on a sample and subject to sampling variability; see source]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980		
										Total	White	Black and other
Children, 1-4 yr. (mil.).....	16.5	14.1	13.9	13.2	12.7	12.3	12.1	12.2	12.4	12.6	10.3	2.3
Percent immunized against—												
Diphtheria-tetanus-pertussis ¹ (3 or more doses).....	73.9	76.1	72.6	73.9	75.2	71.4	69.5	68.0	69.0	66.3	70.7	46.7
Polio (3 or more oral doses).....	² 73.9	65.9	60.4	63.1	64.8	61.6	60.1	61.4	59.1	58.8	63.5	37.6
Measles.....	33.2	57.2	61.2	64.5	65.5	65.9	63.1	62.8	63.5	63.5	66.3	50.8
Rubella.....	(NA)	37.2	55.6	59.8	61.9	61.7	59.4	61.7	62.7	63.5	65.9	52.5
Mumps.....	(NA)	(NA)	34.7	39.4	44.4	48.3	48.1	51.1	55.4	56.6	59.2	44.9

NA Not available. ¹ Pertussis also known as whooping cough. ² Inactivated doses or oral doses.

Source: U.S. Centers for Disease Control, Atlanta, Ga., *United States Immunization Survey*, annual.

NO. 192. SPECIFIED REPORTABLE DISEASES—CASES REPORTED: 1950 TO 1979

[Prior to 1960, excludes Alaska and Hawaii, except for tuberculosis. Figures should be interpreted with caution. Although reporting of some of these diseases is incomplete, the figures are of value in indicating trends of disease incidence. Includes cases imported from outside the U.S. See *Historical Statistics, Colonial Times to 1970*, series B 291-303, for related data]

DISEASE	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979
Amebiasis.....	4,568	3,348	3,424	2,768	2,888	2,775	2,906	3,044	3,937	4,107
Aseptic meningitis.....	(NA)	(NA)	1,593	2,329	6,480	4,475	3,510	4,789	6,572	8,754
Botulism ¹	20	16	12	19	12	20	55	129	105	45
Brucellosis (undulant fever).....	3,510	1,444	751	262	213	310	296	232	179	215
Chickenpox (1,000).....	(NA)	(NA)	(NA)	(NA)	(NA)	154.2	184.0	188.4	154.1	199.1
Diphtheria.....	5,796	1,984	918	164	435	307	128	84	76	59
Encephalitis: Primary infectious ²	1,135	2,166	2,341	981	1,580	4,064	1,651	1,414	1,351	1,199
Post infectious ²	2.8	32.0	41.7	33.9	8.3	13.1	15.0	16.8	15.0	15.5
Hepatitis: Serum (1,000).....	(NA)	(NA)	(NA)	(NA)	56.8	35.9	33.3	31.2	29.5	30.4
Infectious (1,000).....	(NA)	(NA)	(NA)	(NA)	7.2	7.5	8.6	8.8	10.5	10.5
Unspecified (1,000).....	44	75	54	96	129	162	145	151	168	185
Leprosy.....	30	24	53	84	47	93	73	71	110	94
Leptospirosis.....	2,184	522	72	147	3,051	373	471	547	731	894
Malaria.....	319.1	555.2	441.7	261.9	47.4	24.4	41.1	57.3	26.9	13.6
Measles (1,000).....	3,788	3,455	2,259	3,040	2,505	1,478	1,605	1,828	2,505	2,724
Meningococcal infections.....	(NA)	(NA)	(NA)	(NA)	105.0	59.6	38.5	21.4	16.8	14.2
Mumps (1,000).....	120.7	62.8	14.8	6.8	4.2	1.7	1.0	2.2	2.1	1.6
Pertussis ³ (1,000).....	3	-	2	8	13	20	16	18	12	13
Plague.....	33,300	28,985	3,190	72	33	8	14	18	15	34
Polio.....	26	334	113	60	35	49	78	94	140	137
Psittacosis.....	7,901	5,799	3,567	4,574	3,224	2,627	3,073	3,130	3,280	5,119
Rabies, animal.....	18	4	2	2	3	2	2	1	4	4
Rabies, human.....	(NA)	(NA)	9,022	4,998	3,227	2,854	1,865	1,738	851	629
Rheumatic fever, acute ⁴	(NA)	(NA)	(NA)	(NA)	56.6	16.7	12.5	20.4	18.3	11.8
Rubella ⁵ (1,000).....	1.2	5.4	6.9	17.2	22.1	22.6	22.9	27.8	29.4	33.1
Salmonellosis ⁶ (1,000).....	23.4	13.9	12.5	11.0	13.8	16.6	13.1	16.1	19.5	20.1
Shigellosis ⁷ (1,000).....	64.5	147.5	315.2	395.2	433.4	⁸ 330.8	⁸ 394.5	⁸ 423.1	⁸ 397.0	⁸ 465.4
Streptococcal sore throat, scarlet fever (1,000).....	486	462	368	300	148	102	75	87	86	81
Tetanus.....	327	264	160	199	109	252	115	143	67	157
Trichinosis.....	(NA)	76.2	55.5	49.0	37.1	34.0	32.1	30.1	28.5	27.7
Tuberculosis ⁹ (1,000).....	927	584	390	264	172	129	157	165	141	196
Tularemia.....	2,484	1,704	816	454	346	375	419	398	505	528
Typhoid fever.....										
Typhus fever:										
Flea-borne (endemic-murine).....	685	135	68	28	27	44	69	75	46	69
Tick-borne (Rocky Mt. spotted fever).....	464	295	204	281	380	844	937	1,153	1,063	1,070
Veneral diseases (civilian cases):										
Gonorrhea (1,000).....	287	236	259	325	600	1,000	1,002	1,002	1,013	1,004
Syphilis (1,000).....	218	122	122	113	91	80	72	65	65	67
Other (1,000).....	8.2	3.9	2.8	2.0	2.2	1.1	1.1	.9	.9	1.2

- Represents zero. NA Not available. ¹ Beginning in 1975, includes foodborne, infant, and unspecified cases. ² Data reported for 1975-1979 reflect new diagnostic categories. ³ Whooping cough. ⁴ Based on reports from States: 37 in 1960, 36 in 1965 and 1975, 38 in 1970, 40 in 1976 and 1978, and 39 in 1977 and 1979. ⁵ German measles. ⁶ Excludes typhoid fever. ⁷ Bacillary dysentery. ⁸ Based on reports from States: 41 in 1975 and 1979, 42 in 1976 and 1977, and 40 in 1978. ⁹ Beginning 1960, newly reported active cases. New diagnostic standards introduced in 1975.

Source: U.S. National Center for Health Statistics, *Vital Statistics—Special Reports*, vol. 37, No. 9, and U.S. Centers for Disease Control, Atlanta, Ga., *Morbidity and Mortality Weekly Report* (annual supplements).

NO. 193. ACUTE CONDITIONS, BY TYPE, 1970 TO 1979, AND BY SELECTED CHARACTERISTICS, 1979

[Data refer to civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III. Estimates include only acute conditions which were medically attended or caused at least one day of restricted activity. For composition of regions, see fig. 1, inside front cover]

YEAR AND CHARACTERISTIC	NUMBER OF CONDITIONS (mil.)					RATE PER 100 POPULATION				
	Infective and parasitic	Respiratory		Digestive system	Injuries	Infective and parasitic	Respiratory		Digestive system	Injuries
		Upper	Other				Upper	Other		
1970, total.....	48.2	127.3	92.5	23.0	59.2	24.1	63.7	46.3	11.5	29.6
1974, total.....	40.5	94.9	100.9	16.2	63.1	19.5	45.8	48.7	7.8	30.4
1975, total.....	47.6	124.0	109.0	21.6	76.2	22.8	59.3	52.1	10.3	36.4
1976, total.....	52.6	127.7	123.0	22.0	67.7	25.0	60.6	58.4	10.4	32.1
1977, total.....	57.7	134.0	98.8	23.8	77.2	27.2	63.2	46.6	11.2	36.4
1978, total.....	52.9	126.4	121.1	22.9	70.7	24.7	59.1	56.6	10.7	33.1
1979, total.....	52.7	129.8	101.7	24.7	74.4	24.4	60.1	47.1	11.4	34.5
Male.....	23.1	58.7	44.8	10.7	42.5	22.2	56.4	43.0	10.2	40.8
Female.....	29.6	71.1	56.9	14.0	31.8	26.5	63.7	51.0	12.5	28.5
Northeast.....	14.8	30.2	14.9	5.1	15.4	31.2	63.6	31.4	10.7	32.4
North Central.....	10.3	35.7	34.5	6.1	19.6	17.9	62.2	60.0	10.6	34.1
South.....	21.4	39.7	23.1	9.1	23.1	30.2	55.9	32.5	12.9	32.6
West.....	6.2	24.2	29.2	4.3	16.3	15.5	60.5	73.2	10.8	40.7
Inside SMSA ¹	36.0	90.6	70.4	18.2	52.0	24.4	61.5	47.7	12.3	35.3
Outside SMSA: ¹										
Nonfarm.....	15.4	36.6	29.2	6.1	20.9	24.7	58.6	46.7	9.8	33.4
Farm.....	1.3	2.5	2.1	2.3	1.5	22.3	43.4	36.8	25.9	26.0
Under 6 years.....	11.2	24.8	11.8	2.3	7.3	60.0	133.0	63.3	12.3	38.9
6-16 years.....	15.6	34.7	24.0	6.1	15.1	39.4	87.6	60.5	15.4	38.1
17-44 years.....	18.6	50.6	46.0	10.9	36.0	20.6	55.9	50.7	12.0	39.7
45 years and over.....	7.2	19.6	19.9	5.4	16.0	10.8	29.4	29.9	8.1	24.0

¹ SMSA refers to standard metropolitan statistical areas as defined in 1970 census publications; see Appendix II.

² Figure does not meet standards of reliability or precision.

NO. 194. PERSONS WITH ACTIVITY LIMITATION, BY SELECTED CHRONIC CONDITIONS: 1969-1970 AND 1979

[Covers civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III. Conditions classified according to eighth revision of International Classification of Diseases for 1969-1970; to ninth revision for 1979]

CONDITION	Total ¹	AGE			SEX		FAMILY INCOME		RACE		
		Under 45 yr.	45-64 yr.	65 and over	Male	Fe- male	Less than \$6,000	\$6,000 and over	White	Black	
1969-1970											
Persons with limitation (mil.)	23.2	7.3	8.0	8.0	11.7	11.5	11.6	10.1	20.5	2.6	
Percent limited by—											
Heart conditions	15.5	6.3	19.0	20.5	16.5	14.6	16.7	15.2	15.7	14.6	
Arthritis and rheumatism	14.1	4.4	15.7	21.2	9.3	18.9	17.2	11.6	13.8	16.1	
Hypertension without heart involvement	4.6	1.8	5.2	6.4	3.0	6.2	5.9	3.4	3.9	9.4	
Impairment of back/spine	6.9	10.6	7.8	2.8	7.3	6.6	5.5	9.2	7.2	5.1	
Impairment of lower extremities and hips	6.7	8.9	6.0	5.3	7.6	5.8	6.3	7.6	6.8	5.8	
Percent of all persons with—											
No activity limitation	88.3	94.7	80.5	57.7	87.7	88.8	79.8	92.2	88.2	88.4	
Activity limitation	11.7	5.3	19.5	42.3	12.3	11.2	20.2	7.8	11.8	11.6	
In major activity	9.1	3.3	15.7	37.0	9.5	8.6	16.9	5.5	9.0	9.7	
1979											
Persons with limitation (mil.)	31.5	10.3	10.5	10.7	15.3	16.2	8.0	20.3	27.2	4.0	
Percent limited by—											
Heart conditions	16.4	4.4	20.7	23.9	18.1	14.9	18.5	15.4	16.6	16.2	
Arthritis and rheumatism	17.0	5.1	20.1	25.3	11.7	22.0	23.1	14.5	17.1	17.0	
Hypertension without heart involvement	9.2	3.0	12.1	12.2	7.1	11.1	13.3	7.5	7.8	18.1	
Impairment of back/spine	9.4	14.1	9.7	4.6	8.7	10.0	8.3	9.9	9.4	9.2	
Impairment of lower extremities and hips	7.5	9.8	7.0	5.8	8.4	6.7	7.1	7.8	7.6	6.8	
Percent of all persons with—											
No activity limitation	85.4	93.1	75.9	54.0	85.3	85.5	71.3	87.9	85.4	84.4	
Activity limitation	14.6	6.9	24.1	46.0	14.7	14.5	28.7	12.1	14.6	15.6	
In major activity	10.9	4.2	18.6	39.2	11.1	10.7	23.7	8.5	10.7	12.7	

¹ Includes persons with unknown family income and other races not shown separately.

Source of tables 193 and 194: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

No. 195. PERSONS WITH DEFINITE HYPERTENSION, BY RACE, SEX AND AGE: 1960-1962 AND 1971-1975

[Covers civilian noninstitutional population, 25-74 years old. Based on sample and subject to sampling variability, see source. Data represent number of persons with an average of three blood pressure readings of either systolic pressure of 160 mmHg or more or diastolic pressure of 95 mmHg or more]

AGE GROUP	NUMBER (1,000)					RATE PER 100 PERSONS				
	Total ¹	White	Black	Female	Male	Total ¹	White	Black	Female	Male
1960-1962, total ²	15,675	12,654	2,838	6,879	8,798	16.9	15.7	29.7	15.3	16.7
1971-1975, total	19,184	15,568	3,425	9,226	9,959	18.0	16.4	32.1	16.5	19.7
25-34 years old.....	1,620	1,191	429	500	1,120	5.7	4.8	14.1	3.4	8.2
35-44 years old.....	2,790	2,003	703	1,033	1,757	12.5	10.2	29.1	9.0	16.3
45-54 years old.....	4,741	3,806	904	2,037	2,703	20.1	18.1	38.3	16.6	23.9
55-64 years old.....	5,538	4,625	863	2,967	2,571	28.6	26.4	51.5	29.2	28.0
65-74 years old.....	4,496	3,943	527	2,688	1,808	34.2	33.1	45.0	36.0	31.8

¹ Includes other races not shown separately.

² Rates age-adjusted using 1971-1975 population base. See headnote, table 113.

No. 196. PERSONS WITH HIGH SERUM CHOLESTEROL LEVELS, BY SEX AND AGE: 1971-1974

[Covers civilian noninstitutional population, 18-74 years old. Based on sample and subject to sampling variability, see source. Data represent number of persons with serum cholesterol levels of 260 mg./100 ml. or more]

AGE GROUP	NUMBER (1000)			RATE PER 100 PERSONS						
	Total	Female	Male	Total	Female			Male		
					Total	White	Black	Total	White	Black
Total, 18-74 years old.....	27,974	15,615	12,358	21.9	23.2	23.5	21.6	20.4	20.6	19.0
18-24 years old.....	1,134	683	451	4.8	5.6	5.6	5.3	4.0	4.1	2.5
25-34 years old.....	2,812	1,275	1,538	10.5	9.1	9.0	10.4	12.1	11.7	14.9
35-44 years old.....	4,353	1,618	2,735	19.3	13.7	13.7	14.1	25.3	24.9	25.6
45-54 years old.....	7,289	3,897	3,392	31.0	31.6	31.5	36.0	30.1	30.9	24.2
55-64 years old.....	7,203	4,567	2,636	38.2	45.9	46.2	44.6	29.7	29.4	34.0
65-74 years old.....	5,182	3,577	1,605	40.6	49.2	49.7	44.9	29.2	29.2	30.3

No. 197. PERSONS WEARING CORRECTIVE LENSES: 1971 AND 1977

[See headnote, table 198. Total wearing lenses includes group unknown as to type. Excludes sunglasses worn only to filter light, safety glasses for protection, etc. Contact lenses includes those with or without glasses]

ITEM	1971			1977						
	Total	Male	Fe- male	Total	Male	Fe- male	3-16 yr.	17-24 yr.	25-44 yr.	45 yr. and over
Population, 3 years old and over (mil.).....	191.6	92.1	99.5	202.9	97.7	105.3	50.7	31.3	55.3	65.6
Wearing lenses (mil.).....	94.3	40.8	53.5	103.3	44.7	58.6	7.3	12.3	25.0	58.8
Eyeglasses only (mil.).....	90.3	39.7	50.6	96.3	42.7	53.6	6.8	9.9	21.8	57.8
Contact lenses (mil.).....	2.4	.7	1.8	7.0	2.0	5.0	.4	2.4	3.2	1.0
Percent wearing lenses.....	49.2	44.2	53.8	50.9	45.7	55.7	14.3	39.2	45.3	89.5
Eyeglasses only.....	47.1	43.1	50.9	47.5	43.7	50.9	13.5	31.5	39.4	88.0
Contact lenses.....	1.3	.7	1.8	3.5	2.1	4.8	.8	7.7	5.8	1.5

No. 198. PERSONS USING SPECIAL HEALTH AIDS—NUMBER AND RATE, BY AGE: 1977

[Covers civilian noninstitutional population. Based on National Health Interview Survey; see Appendix III]

TYPE OF AID	NUMBER (1,000)					RATE PER 1,000 POPULATION				
	Total	Under 15 years	15-44 years	45-64 years	65 yr. and over	Total	Under 15 years	15-44 years	45-64 years	65 yr. and over
Cane or walking stick.....	2,714	-	153	550	2,011	12.8	-	1.6	12.7	90.3
Special shoes.....	1,492	572	265	401	253	7.0	11.1	2.8	9.2	11.4
Leg or foot brace.....	398	76	133	119	70	1.9	1.5	1.4	2.7	3.1
Other braces.....	1,004	51	296	460	196	4.7	1.0	3.1	10.6	8.8
Walker.....	689	¹ 22	¹ 26	93	549	3.2	¹ 4	¹ 3	2.1	24.7
Wheelchair.....	645	47	116	146	334	3.0	.9	1.2	3.4	15.0
Crutches.....	613	50	211	202	151	2.9	1.0	2.2	4.7	6.8
Artificial leg or foot.....	205	¹ 13	46	82	64	1.0	¹ 3	.5	1.9	2.9

- Represents zero. ¹ Figure does not meet standards of reliability or precision.

Source of tables 195-198: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10 and 11.

No. 199. DRUG USE, BY TYPE OF DRUG AND BY AGE GROUP: 1972 TO 1979

[Current users are those who used drugs at least once within month prior to this study. For 1979, based on national samples of 2,165 youths (12-17 yrs. old), 2,044 young adults (18-25 yrs. old), and 3,015 older adults (26 yrs. old and over). Subject to sampling variability; see source]

TYPE OF DRUG	PERCENT OF YOUTHS				PERCENT OF YOUNG ADULTS				PERCENT OF ADULTS			
	Ever used		Current user		Ever used		Current user		Ever used		Current user	
	1972	1979	1972	1979	1974	1979	1974	1979	1974	1979	1974	1979
Marihuana.....	14.0	30.9	7.0	16.7	52.7	68.2	25.2	35.4	9.9	19.6	2.0	6.0
Inhalants.....	6.4	9.8	1.0	2.0	9.2	16.5	(Z)	1.2	1.2	3.9	(Z)	.5
Hallucinogens.....	4.8	7.1	1.4	2.2	16.6	25.1	2.5	4.4	1.3	4.5	(Z)	(Z)
Cocaine.....	1.5	5.4	.6	1.4	12.7	27.5	3.1	9.3	.9	4.3	(Z)	.9
Heroin.....	.6	.5	(Z)	(Z)	4.5	3.5	(Z)	(Z)	.5	1.0	(Z)	(Z)
Analgesics.....	(NA)	3.2	(NA)	.6	(NA)	11.8	(NA)	1.0	(NA)	2.7	(NA)	(Z)
Stimulants ¹	4.0	3.4	(NA)	1.2	17.0	18.2	3.7	3.5	3.0	5.8	(Z)	.5
Sedatives ¹	3.0	3.2	(NA)	1.1	15.0	17.0	1.2	2.8	2.0	3.5	(Z)	(Z)
Tranquilizers ¹	3.0	4.1	(NA)	.6	10.0	15.8	1.2	2.1	2.0	3.1	(Z)	(Z)
Alcohol.....	(NA)	70.3	24.0	37.2	81.6	95.3	69.3	75.9	73.2	91.5	54.5	61.3
Cigarettes.....	(NA)	54.1	17.0	12.1	68.8	82.8	48.8	42.6	65.4	83.0	39.1	38.9

NA Not available. Z Less than .5 percent. ¹ Prescription drugs.

No. 200. MARIHUANA AND ALCOHOL—PERCENT OF POPULATION WHO ARE CURRENT USERS: 1972 TO 1979

[See headnote, table 199]

CHARACTERISTIC	YOUTHS			YOUNG ADULTS		ADULTS	
	1972	1976	1979	1976	1979	1976	1979
MARIHUANA							
Current users, total.....	7	12	17	25	35	4	6
Male.....	9	14	19	31	45	6	9
Female.....	6	11	14	19	20	2	3
White.....	8	12	17	26	36	3	6
Black and other.....	2	11	15	22	34	6	8
SMSA's with 1 million or more inhabitants ¹	(NA)	18	20	29	39	5	8
SMSA's with under 1 million inhabitants ¹	(NA)	11	14	28	36	4	6
Nonmetropolitan areas.....	(NA)	8	15	16	30	1	4
ALCOHOL²							
Current users, total.....	24	32	37	69	76	56	61
Male.....	27	36	39	79	84	63	72
Female.....	21	29	36	58	68	49	52
White.....	24	34	38	72	78	57	62
Black and other.....	19	23	29	54	62	50	56
SMSA's with 1 million or more inhabitants ¹	24	38	40	78	80	70	72
SMSA's with under 1 million inhabitants ¹	28	33	35	72	75	54	58
Nonmetropolitan areas.....	20	26	35	55	71	41	51

NA Not available. ¹ Refers to standard metropolitan statistical areas as defined in 1970 census publications. For definition of SMSA, see Appendix II. ² 1972 and 1976, respondent gave answers orally. Beginning 1979 respondent marked answer on a private sheet.

Source of tables 199 and 200: U.S. National Institute on Drug Abuse, *National Survey on Drug Abuse: Main Findings, 1979*.

No. 201. DRUG ABUSE TREATMENT UNITS: 1977 TO 1980

[In thousands, except as noted. 1977 and 1979, as of April 30; 1980 as of Sept. 30. Includes Puerto Rico and Virgin Islands. Treatment unit refers to a facility that specifically provides direct, on-site drug abuse treatment services to its clients. Based on a complete census of all known units; for 1980, the response rate was over 90 percent]

ITEM	1977	1979	1980	ITEM	1977	1979	1980
Treatment units (number).....	3,147	3,590	3,449	Clients—Con.			
Clients	¹ 234.6	202.7	¹ 181.5	Outpatient and day care.....	203.3	173.8	157.2
By mode of treatment:				Residential.....	18.5	16.8	15.1
Drug free ²	147.2	125.1	105.0	Hospital inpatient.....	3.7	2.9	2.6
Detoxification ³	5.8	5.6	5.2	Prison.....	9.1	9.2	6.6
Methadone maintenance ⁴	80.0	71.6	67.9	Total funding (mil. dol.).....	510.7	510.6	486.6
				Total staff.....	40.5	⁵ 36.1	⁵ 36.0

¹ Includes other modes of treatment, not shown separately. ² Drug withdrawal without medication. ³ Drug withdrawal supported by use of prescribed medication. If methadone used, treatment for 21 days or less. ⁴ Continued use of methadone for a period of more than 21 days. Includes other maintenance treatments. ⁵ Includes staff for alcoholism treatment when drug abuse and alcoholism are treated at same unit. Full-time equivalent employment.

Source: U.S. National Institute on Drug Abuse, *NIDA Statistical Series*, series F, periodic.

No. 202. CIGARETTE SMOKING AND HEALTH CHARACTERISTICS: 1970 AND 1979

[Civilian noninstitutional population, 17 years old and over. Based on National Health Interview Survey; see Appendix III. Smoking data were obtained from self-respondents only]

SEX, AGE, AND HEALTH CHARACTERISTIC	Unit	Total population ¹	Persons who never smoked	Persons who ever smoked ²	Former smokers	PRESENT SMOKERS				
						Total ³	Cigarettes smoked per day (heaviest amount)			
							Under 15	15-24	25-34	35 or more
1970: Both sexes.....	1,000.....	133,132	59,675	72,678	23,859	48,819	15,517	20,628	5,256	5,707
Percent of total.....	Percent.....	100.0	44.8	54.6	17.9	36.7	11.7	15.5	3.9	4.3
Male.....	1,000.....	62,310	19,144	42,773	15,861	26,912	7,163	11,458	3,160	3,959
Percent of total.....	Percent.....	100.0	30.7	68.6	25.5	43.2	11.5	18.4	5.1	6.4
17-24 years.....	1,000.....	12,034	5,844	6,016	1,131	4,885	1,822	2,053	442	277
25-44 years.....	1,000.....	22,542	5,779	16,641	5,235	11,406	2,516	5,124	1,505	1,895
45-64 years.....	1,000.....	19,644	4,513	15,065	6,302	8,763	2,047	3,603	1,081	1,625
65 years and over.....	1,000.....	8,090	3,007	5,051	3,193	1,858	778	678	131	162
Female.....	1,000.....	70,822	40,531	29,905	7,998	21,907	8,354	9,170	2,096	1,748
Percent of total.....	Percent.....	100.0	57.2	42.2	11.3	30.9	11.8	12.9	3.0	2.5
17-24 years.....	1,000.....	13,908	8,582	5,188	991	4,198	1,927	1,635	286	192
25-44 years.....	1,000.....	24,349	11,302	12,958	3,550	9,408	3,211	4,004	1,106	900
45-64 years.....	1,000.....	21,658	11,813	9,744	2,632	7,111	2,675	3,056	648	583
65 years and over.....	1,000.....	10,907	8,835	2,015	825	1,190	541	475	56	74
1979: Both sexes.....	1,000.....	157,461	71,901	84,613	32,665	51,947	15,372	21,780	6,801	7,120
Percent of total.....	Percent.....	100.0	45.7	53.7	20.7	33.0	9.8	13.8	4.3	4.5
Male.....	1,000.....	74,379	26,021	47,806	20,462	27,345	7,055	11,187	4,021	4,633
Percent of total.....	Percent.....	100.0	35.0	64.3	27.5	36.8	9.5	15.0	5.4	6.2
17-24 years.....	1,000.....	15,602	8,809	6,712	1,573	5,138	1,848	2,394	504	334
25-44 years.....	1,000.....	28,388	9,420	18,760	6,639	12,122	2,841	4,806	2,094	2,223
45-64 years.....	1,000.....	20,773	4,713	15,857	7,764	8,092	1,630	3,190	1,226	1,886
65 years and over.....	1,000.....	9,617	3,078	6,478	4,485	1,993	737	796	197	189
Female.....	1,000.....	83,082	45,880	36,806	12,203	24,603	8,317	10,593	2,780	2,487
Percent of total.....	Percent.....	100.0	55.2	44.3	14.7	29.6	10.0	12.8	3.3	3.0
17-24 years.....	1,000.....	16,399	9,494	6,847	1,534	5,313	2,174	2,222	487	308
25-44 years.....	1,000.....	30,277	14,747	15,371	4,799	10,572	3,198	4,700	1,327	1,250
45-64 years.....	1,000.....	22,681	11,660	10,869	3,964	6,906	2,148	2,924	831	839
65 years and over.....	1,000.....	13,725	9,979	3,719	1,907	1,812	796	748	134	90
Restricted-activity days per person: ⁴										
Male.....	Days.....	20.0	14.8	22.9	23.5	22.5	23.9	22.8	20.3	20.6
Female.....	Days.....	24.4	23.4	25.8	28.1	24.7	25.6	21.0	27.2	33.0
Bed-days per person: ⁴										
Male.....	Days.....	6.1	4.8	6.7	6.2	7.1	8.3	6.3	7.6	6.2
Female.....	Days.....	8.9	8.6	9.3	10.0	8.9	9.0	7.2	10.7	13.8
Work-loss days per person: ⁴										
Male.....	Days.....	6.7	4.9	7.8	6.7	8.5	8.5	9.6	6.8	7.0
Female.....	Days.....	7.1	6.1	8.3	8.6	8.2	7.5	7.7	9.3	12.3

¹ Includes persons for whom smoking status is unknown. ² Excludes smokers with unknown present smoking status.

³ Includes smokers for whom the number of cigarettes smoked per day is unknown. ⁴ For definition of terms, see footnotes 1, 3, and 4 of table 189.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, vol. 21, No. 3 supplement, June 1972; *Health, United States, 1979*; and unpublished data.

No. 203. COFFEE, ASPIRIN, AND SLEEPING PILLS—USERS AND NONUSERS: 1976

[Civilian noninstitutional population, 20 years old and over. Based on National Health Interview Survey; see Appendix III]

ITEM	COFFEE USE		ITEM	ASPIRIN USE		ITEM	SLEEPING PILL USE	
	Male	Female		Male	Female		Male	Female
Total persons¹ (mil.).....	64.6	72.9	Total persons¹ (mil.).....	64.6	72.9	Total persons¹ (mil.).....	64.6	72.9
Nondrinkers (mil.).....	10.6	14.9	Nonusers (mil.).....	17.0	15.3	Nonusers (mil.).....	51.8	60.2
Drinkers (mil.).....	46.1	54.9	Users (mil.).....	39.6	54.6	Users (mil.).....	4.5	9.4
Percent of total.....	71.4	75.3	Percent of total.....	61.3	74.9	Percent of total.....	7.0	12.9
1 cup or less ²	18.2	21.8	Less than once a week.....	45.4	49.1	Less than once a week.....	3.3	6.2
2-5 cups ²	40.5	42.9	Once a week or more.....	15.9	25.8	Once a week or more.....	3.7	6.7
6 cups or more ²	12.7	10.6						

¹ Includes persons with use unknown. ² Cups per day.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, No. 131.

NO. 204. HEALTH PRACTICES—PERCENT DISTRIBUTION OF PERSONS FOLLOWING SELECTED PRACTICES, BY SEX, AGE, AND INCOME: 1977

[Covers civilian noninstitutional population. Percent distribution based on total number of persons who responded to specific question regarding health practice. Based on National Health Interview Survey; see Appendix III]

HEALTH PRACTICE	Total ¹	SEX		AGE			FAMILY INCOME			
		Male	Female	20-34 yr.	35-54 yr.	55 yr. and over	Less than \$5,000	\$5,000-\$14,999	\$15,000-\$24,999	\$25,000 and over
Population (1,000).....	139,959	65,798	74,162	51,230	46,296	42,432	18,020	52,529	34,630	21,679
PERCENT DISTRIBUTION										
Hours of sleep:										
Less than 7.....	21.7	23.3	20.4	20.2	22.4	22.7	27.0	21.4	20.8	19.3
7.....	27.9	29.8	26.4	28.9	31.3	23.2	20.4	26.6	31.7	33.6
8.....	37.8	35.8	39.5	38.2	37.2	38.0	35.2	38.8	37.8	38.0
9 or more.....	12.5	11.1	13.7	12.6	9.0	16.1	17.3	13.2	9.7	9.2
Eats breakfast:										
Every day.....	58.1	57.3	58.7	41.6	55.5	80.1	64.9	58.0	53.3	56.5
Sometimes.....	15.9	15.8	15.9	22.7	16.2	7.5	14.8	16.0	17.2	15.3
Never.....	26.1	27.0	25.4	35.8	28.3	12.4	20.3	26.0	29.5	28.1
Eats snacks:										
Every day.....	38.0	40.1	36.3	43.2	38.5	31.3	33.9	38.4	40.7	38.6
Sometimes.....	27.4	25.4	28.9	31.7	27.7	21.9	25.3	28.2	28.0	26.7
Never.....	34.7	34.4	34.8	25.1	33.7	46.9	40.8	33.4	31.2	34.7
Frequency of alcohol consumption:										
Never.....	28.6	21.5	34.2	18.9	25.9	42.7	46.2	30.4	21.1	14.9
Occasionally.....	41.9	35.9	46.7	47.3	42.1	35.4	35.0	42.8	45.5	42.5
1 or 2 times a week.....	15.5	20.2	11.8	19.5	16.1	10.3	10.3	14.8	17.1	20.7
3 or more times a week.....	14.0	22.5	7.3	14.3	16.0	11.6	8.5	12.0	16.3	21.9
Percent who drink 5 or more drinks at one sitting ²	29.4	43.1	18.5	43.1	30.2	12.4	20.4	29.2	33.4	36.8

¹ Includes persons with unknown family income. ² Based on number of persons who drink alcohol.

Source: U.S. National Center for Health Statistics, *Advance Data from Vital and Health Statistics*, No. 64, November 1980; and unpublished data.

NO. 205. DRUGS AND TOILETRIES—RETAIL SALES: 1975 TO 1980

[In millions of dollars. Excludes government and hospital use]

PRODUCT	1975	1979	1980	PRODUCT	1975	1979	1980
Total sales.....	22,366	32,875	36,785	Toiletries.....	7,963	12,019	13,883
Drugs and other health aids.....	14,403	20,856	22,902	Hair products.....	2,172	3,233	3,662
Prescriptions.....	8,146	11,326	12,652	Shampoos.....	632	1,006	1,116
Packaged medications ¹	3,511	5,239	5,165	Shaving products.....	1,223	1,013	1,097
Vitamin concentrates.....	452	621	916	Oral hygiene.....	1,057	1,460	1,635
Cough and cold remedies.....	735	968	1,007	Dentifrices.....	494	663	742
Internal analgesics ¹	719	1,157	1,309	Hand products.....	329	672	731
Other ^{1 2}	1,605	2,493	1,933	Cosmetics.....	1,409	3,426	3,625
Sickroom and convalescent aids.....	371	728	933	Lipsticks.....	389	820	894
First aid products ^{2 3}	336	498	627	Fragrances.....	608	623	1,346
Baby needs.....	1,074	2,198	2,510	Toilet water, cologne.....	429	434	681
Disposable diapers, liners.....	577	881	1,694	Personal hygiene.....	1,165	1,592	1,787
Feminine needs ¹	552	865	1,015	Bath soaps ⁴	558	1,004	1,097
Veterinary.....	413	(NA)	(NA)	Deodorants.....	607	588	690

NA Not available.

¹ For 1975, effervescent compounds reported under internal analgesics and contraceptives reported under feminine needs; beginning 1979, included in other packaged medications. ² Prior to 1980, external antiseptics; burn, poison ivy, athletes foot and jockitch remedies; and other skin care products such as suntan oils and lotions, lip protectors, and acne preparations reported under other packaged medications. Beginning 1980 included in first aid products. ³ Includes personal insect repellents. ⁴ Medicated soaps included in packaged medications.

Source: Medical Economics Company, Inc., Oradell, N.J., *Drug Topics*, Marketing Guide, annual. (Further reproduction prohibited without written permission of copyright owner.)

NO. 206. PERCENT OF POPULATION ENGAGED IN PHYSICAL EXERCISE, BY TYPE OF EXERCISE, SEX, AND AGE: 1975

[Covers civilian noninstitutional population, 20 years old and over. Based on National Health Interview Survey; see Appendix III]

SEX AND AGE	Total population (1,000)	Percent exercising regularly ¹	PERCENT, BY TYPE OF EXERCISE ²					
			Ride bicycle	Calisthenics	Jog	Lift weights	Swim	Walk
Total, 20 years and over	135,655	48.6	10.9	13.5	4.8	3.4	11.8	33.8
20-44 years	71,084	53.7	16.1	17.3	7.3	5.4	16.9	33.8
45-64 years	43,145	43.4	6.5	10.8	2.7	1.5	8.0	32.9
65 years and over	21,426	42.3	2.9	6.1	1.2	(B)	2.8	35.7
Male, 20 years and over	63,665	48.5	10.8	13.5	7.2	6.3	13.3	32.5
20-44 years	34,268	52.7	14.9	17.5	10.6	10.1	18.8	31.4
45-64 years	20,567	42.0	6.7	10.1	3.8	2.6	8.1	31.4
65 years and over	8,830	47.3	4.3	5.9	2.1	(B)	4.1	39.4
Female, 20 years and over	71,990	48.7	11.1	13.5	2.7	.8	10.5	35.0
20-44 years	36,816	54.6	17.2	17.1	4.1	1.1	15.0	36.0
45-64 years	22,579	44.6	6.4	11.4	1.6	(B)	7.8	34.2
65 years and over	12,595	38.7	1.8	6.3	(B)	(B)	1.9	33.0

B Base less than minimum required for reliability. ¹ Regular exercise is any exercise done on a weekly basis.

² More than one type of exercise can be reported per person.

Source: U.S. National Center for Health Statistics, *Health, United States, 1976-1977*.

NO. 207. AVERAGE HEIGHTS AND WEIGHTS, BY AGE AND SEX: 1960-1962 AND 1971-1974

[Height was measured without shoes. For 1960-1962, two pounds are deducted to allow for weight of clothing; for 1971-1974, total weights of all clothing ranged from .2 to .6 pound, which are not deducted from weights shown. Based on sample and subject to sampling variability; see source]

SEX, YEAR, AND HEIGHT (feet and inches)	18-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years
MEN						
HEIGHT (inches)						
1960-1962	68.7	69.1	68.5	68.2	67.4	66.9
1971-1974	69.7	69.6	69.1	68.9	68.3	67.3
WOMEN						
1960-1962	63.8	63.7	63.5	62.9	62.4	61.5
1971-1974	64.3	64.1	64.1	63.6	62.8	62.3
MEN						
WEIGHT (lb.)						
1960-1962, total	158	169	170	170	164	158
1971-1974, total	165	176	178	175	171	164
5'2"	130	141	143	147	143	143
5'3"	135	145	148	152	147	147
5'4"	140	150	153	156	153	151
5'5"	145	156	158	160	158	156
5'6"	150	160	163	164	163	160
5'7"	154	165	169	169	168	164
5'8"	159	170	174	173	173	169
5'9"	164	174	179	177	178	173
5'10"	168	179	184	182	183	177
5'11"	173	184	190	187	189	182
6'	178	189	194	191	193	186
6'1"	183	194	200	196	197	190
6'2"	188	199	205	200	203	194
WOMEN						
1960-1962, total	127	134	142	145	150	144
1971-1974, total	132	140	148	149	149	146
4'9"	114	118	125	129	132	130
4'10"	117	121	129	133	136	134
4'11"	120	125	133	136	140	137
5'	123	128	137	140	143	140
5'1"	126	132	141	143	147	144
5'2"	129	136	144	147	150	147
5'3"	132	139	148	150	153	151
5'4"	135	142	152	154	157	154
5'5"	138	146	156	158	160	158
5'6"	141	150	159	161	164	161
5'7"	144	153	163	165	167	165
5'8"	147	157	167	168	171	169

Source: U.S. National Center for Health Statistics, *Advance Data*, No. 3, Nov. 19, 1976, and No. 14, Nov. 30, 1977.

NO. 208. CIVILIAN PER CAPITA CONSUMPTION OF MAJOR FOOD COMMODITIES: 1960 TO 1980

[In pounds, except as indicated. Civilian consumption represents the residual after exports, nonfood use, military procurement, and ending stocks are subtracted from the sum of beginning stocks, domestic production, and imports. For estimating techniques, see Agriculture Handbook No. 365, vol. 5, April 1972. Based on Bureau of the Census estimates of the civilian population as of July 1. See also *Historical Statistics, Colonial Times to 1970*, series G 881-915]

COMMODITY	1960	1965	1970	1975	1976	1977	1978	1979	1980, prel.
Meats (carcass weight)	173.6	175.6	192.4	180.3	192.1	190.0	182.7	177.8	180.1
Beef.....	85.0	99.5	113.6	118.8	127.6	124.0	117.9	105.5	103.4
Veal.....	6.1	5.2	2.9	4.1	4.0	3.8	2.9	2.0	1.8
Lamb and mutton.....	4.8	3.7	3.3	2.0	1.8	1.7	1.6	1.5	1.5
Pork (including lard).....	77.7	67.2	72.6	55.4	58.7	60.5	60.3	68.8	73.4
Fish (edible weight)	10.3	10.8	11.8	12.2	12.9	12.7	13.4	13.0	12.7
Fresh and frozen.....	5.7	6.0	6.9	7.5	8.2	7.7	8.1	7.8	7.9
Canned.....	4.0	4.3	4.5	4.3	4.2	4.6	5.0	4.8	4.5
Cured.....	.6	.5	.4	.4	.5	.4	.3	.4	.3
Poultry products:									
Eggs, farm basis (number).....	334	313	309	276	270	268	273	278	272
Chicken (ready-to-cook).....	27.8	33.3	40.4	40.1	42.7	44.1	46.7	50.6	50.0
Turkey (ready-to-cook).....	6.2	7.4	8.0	8.5	9.1	9.1	9.1	9.9	10.5
Dairy products:									
Total milk fat solids.....	24.5	22.9	20.6	19.8	19.8	19.8	20.0	20.1	19.9
Total nonfat milk solids.....	43.4	40.6	39.7	37.5	38.2	37.7	37.3	37.2	36.6
Cheese.....	8.3	9.6	11.5	14.3	15.7	16.1	17.0	17.2	17.6
Condensed and evaporated whole milk.....	13.7	10.6	7.1	5.3	5.0	4.3	4.1	4.1	3.8
Fluid milk and cream ¹	302	292	277	267	264	260	257	254	250
Ice cream (product weight).....	18.3	18.5	17.6	18.5	17.9	17.5	17.4	17.1	17.3
Fats and oils, total (fat content)	45.3	47.8	52.6	52.3	54.8	53.0	54.6	55.8	55.9
Butter (actual weight).....	7.5	6.4	5.3	4.7	4.3	4.3	4.4	4.5	4.4
Margarine (actual weight).....	9.3	9.8	10.8	11.0	11.9	11.4	11.2	11.2	11.2
Lard.....	7.5	6.3	4.6	2.8	2.6	2.2	2.2	2.5	2.5
Shortening.....	12.6	14.2	17.3	17.0	17.7	17.2	17.8	18.4	18.3
Other edible fats and oils.....	11.4	14.1	17.7	19.9	21.5	21.0	22.1	22.4	22.7
Fruits:									
Fresh, total (farm weight).....	93.9	81.4	81.4	83.5	85.5	82.0	81.5	83.3	87.3
Citrus ²	33.7	29.2	28.8	29.4	29.0	26.2	26.5	24.5	28.7
Apples (commercial).....	18.3	16.3	18.3	17.7	18.7	17.0	15.8	17.0	16.7
Other (excluding melons).....	41.9	35.9	34.3	36.4	37.8	38.8	39.2	41.8	41.9
Processed:									
Canned fruit.....	22.6	23.5	23.3	19.2	18.9	19.2	18.1	18.1	17.4
Canned juices (excl. frozen).....	12.9	10.6	14.5	14.7	14.6	13.7	16.5	17.0	17.3
Frozen (including juices).....	9.2	8.7	9.9	14.1	13.6	14.1	12.6	12.6	12.7
Dried ³	3.1	3.0	2.7	2.9	2.6	2.5	2.1	2.7	2.9
Vegetables:									
Fresh ⁴ (farm weight).....	105.7	98.3	99.1	98.0	100.9	101.6	103.6	105.9	108.4
Canned (excluding potatoes and sweet potatoes).....	43.4	46.9	51.1	51.9	53.0	53.1	51.9	52.3	49.8
Frozen (excluding potatoes).....	7.0	8.1	9.6	9.6	9.8	10.2	10.7	11.2	10.4
Potatoes (fresh equivalent) ⁵	108	107	117	120	114	120	119	116	116
Frozen potatoes (product).....	2.6	5.7	11.1	13.7	14.6	15.7	17.2	17.7	16.9
Sweet potatoes (fresh equivalent) ⁵	7.1	6.2	5.6	5.5	5.4	4.9	5.3	5.7	5.1
Dry edible beans.....	7.3	6.6	5.9	6.4	6.1	6.0	5.7	6.3	6.5
Melons (farm weight).....	25.8	23.6	23.2	18.9	20.2	19.9	21.8	20.7	18.6
Sugar (refined).....	97.6	97.0	101.7	89.1	93.4	94.2	91.4	89.3	83.6
Grains:									
Cornmeal and other ⁶	14.3	15.1	15.8	15.9	15.9	15.9	15.9	15.9	15.8
Corn sirup and sugar.....	13.9	18.2	23.4	34.2	37.3	39.8	43.3	47.4	52.5
Oat food products.....	3.6	3.4	3.2	3.2	3.2	3.2	3.2	3.1	3.1
Wheat flour ⁷	118	114	111	114	119	115	115	117	117
Wheat breakfast cereals.....	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8
Rye flour.....	1.1	1.1	1.2	1.0	.8	.8	.7	.7	.7
Rice, milled ⁸	6.1	7.6	6.7	7.6	7.1	7.5	5.7	9.4	9.3
Other:									
Coffee (green beans).....	15.8	14.8	13.7	12.2	12.5	9.4	10.5	11.3	10.4
Tea.....	.6	.7	.7	.8	.8	.8	.8	.7	.8
Soft drinks (gallons).....	13.6	19.2	24.0	27.3	30.6	33.3	35.4	36.8	37.8
Cocoa beans.....	3.6	4.0	3.9	3.3	3.8	3.3	3.4	3.3	3.2
Peanuts (shelled) ⁹	4.9	5.6	5.9	6.6	6.2	6.3	6.8	6.8	6.1
Food consumption ⁹ (1967=100)	97	98	102	101	105	104	103	104	103

¹ Fluid milk equivalent of fluid dairy products. ² For crop year beginning in previous year. ³ For pack year. ⁴ Excludes produce from home gardens. ⁵ Includes quantities canned and frozen. ⁶ Includes cornstarch, corn cereal, and hominy. ⁷ Comprises white, whole wheat, and semolina flour. ⁸ For crop year beginning September of year shown. ⁹ Retail weight equivalent, weighted by constant retail prices.

Source: U.S. Dept. of Agriculture, Economic Research Service. In *Food Consumption, Prices, and Expenditures* (Statistical Bulletin 672), September 1981.

NO. 209. NUTRITION—NUTRIENTS AVAILABLE FOR CIVILIAN CONSUMPTION PER CAPITA PER DAY AND INDEXES: 1950 TO 1980

[For 1950, excludes Alaska and Hawaii. Based on Bureau of the Census estimated population as of July 1. Quantities of nutrients computed by Science and Education Administration, Human Nutrition, Consumer Nutrition Center, on the basis of estimates of per capita food consumption (retail weight), including estimates of produce of home gardens, prepared by the Economics and Statistics Service. No deduction made in nutrient estimates for loss or waste of food in the home, use for pet food, or for destruction or loss of nutrients during the preparation of food. Data include iron, thiamin, riboflavin, and niacin added to flour and cereal products; other nutrients added primarily as follows: Vitamin A value to margarine, milk of all types, milk extenders; vitamin B₁₂ to cereals, meal replacements, infant formulas; vitamin B₆ to cereals; ascorbic acid to fruit juices and drinks, flavored beverages, and dessert powders, milk extenders, and cereals. Minus sign (–) denotes decrease. See *Historical Statistics, Colonial Times to 1970*, series G 851–856, for related data]

NUTRIENT AND UNIT	1950	1960	1965	1970	1975	1978	1979	1980, prel.	PERCENT CHANGE		
									1950–1960	1960–1970	1970–1980
Food energy (calories).....	3,260	3,150	3,170	3,330	3,270	3,400	3,500	3,520	–3.4	5.7	5.7
Protein (grams).....	95	96	96	100	100	102	103	103	1.1	4.2	3.0
Fat (grams).....	145	144	146	159	155	160	166	168	–.7	10.4	5.7
Carbohydrate (grams).....	402	375	373	380	377	394	405	406	–6.7	1.3	6.8
Calcium (grams).....	.99	.98	.96	.94	.92	.89	.90	.89	–1.0	–4.1	–5.3
Phosphorus (grams).....	1.54	1.52	1.51	1.53	1.51	1.51	1.53	1.53	–1.3	.7	–
Iron (milligrams).....	16.6	16.4	16.6	17.8	18.4	17.3	17.5	17.6	–1.2	8.5	–1.1
Magnesium (milligrams).....	363	345	338	340	340	338	346	343	–5.0	–1.4	.9
Vitamin A (international units).....	8,500	8,200	7,700	8,200	8,100	8,100	8,200	8,400	–3.5	–	2.4
Thiamin (milligrams).....	1.90	1.85	1.81	1.92	1.95	2.10	2.18	2.21	–2.6	3.8	15.1
Riboflavin (milligrams).....	2.31	2.30	2.25	2.32	2.33	2.35	2.38	2.39	–.4	.9	3.0
Niacin (milligrams).....	20.4	21.4	22.2	24.0	24.5	26.2	26.8	26.8	4.9	12.1	11.7
Vitamin B ₆ (milligrams).....	1.84	1.84	1.81	1.97	1.98	1.99	2.04	2.04	–	7.1	3.6
Vitamin B ₁₂ (micrograms).....	8.7	9.0	9.0	9.7	9.4	9.3	9.2	9.5	3.4	7.8	–2.1
Ascorbic acid (milligrams).....	106	107	98	111	119	118	120	123	.9	3.7	10.8
INDEXES (1967 = 100)											
Food energy (calories).....	101	97	98	103	101	105	108	109	–4.0	6.2	5.8
Protein.....	96	97	97	101	101	103	104	104	1.0	4.1	3.0
Fat.....	95	95	96	105	102	105	109	111	–	10.5	5.7
Carbohydrate.....	107	100	100	102	101	105	108	109	–6.5	2.0	6.9

– Represents zero.

Source: U.S. Dept. of Agriculture, Economics and Statistics Service, *Food Consumption, Prices, and Expenditures*, Statistical Bulletin No. 656. 1980 data from *National Food Review*, Winter 1981.

NO. 210. DAILY PER CAPITA INTAKE OF SELECTED NUTRIENTS, BY RACE AND INCOME LEVELS: 1971–1974

[Covers persons 1–74 years old. Represents average daily intake per person. For definition of median and mean, see Guide to Tabular Presentation. Based on findings of a sample survey in the first Health and Nutrition Examination Survey; see Appendix III. Subject to sampling variability; see source. Standards for dietary intake were developed by the source as a guideline to interpreting dietary intake data]

NUTRIENT	ALL PERSONS			PERSONS WITH INCOME 1—					
	Total	White	Black	Below poverty level			Above poverty level		
				Total	White	Black	Total	White	Black
Calories, mean.....	1,994	2,017	1,825	1,817	1,858	1,742	2,021	2,032	1,886
Median.....	1,820	1,840	1,668	1,645	1,675	1,583	1,845	1,858	1,725
Protein (g), mean.....	77.83	78.92	69.65	68.76	70.42	65.65	79.11	79.67	72.50
Median.....	69.63	70.78	60.85	61.41	63.75	57.92	70.96	71.47	64.27
Calcium (mg), mean.....	867	897	654	782	849	658	882	903	652
As percent of standard.....	175	181	131	156	171	129	178	182	132
Median.....	727	755	553	653	722	558	740	760	549
Iron (mg), mean.....	11.95	12.10	10.80	10.70	10.90	10.26	12.13	12.21	11.21
As percent of standard.....	98	99	86	88	90	81	99	100	91
Median.....	10.58	10.69	9.55	9.38	9.58	8.79	10.77	10.81	9.97
Vitamin A (I.U.), mean.....	4,774	4,802	4,613	4,381	4,286	4,587	4,821	4,837	4,714
As percent of standard.....	150	150	150	145	142	152	151	151	151
Median.....	3,060	3,132	2,569	2,627	2,685	2,475	3,147	3,190	2,654
Vitamin C (mg), mean.....	86.32	86.99	80.01	72.05	69.33	75.97	88.53	88.83	83.31
As percent of standard.....	167	168	159	146	140	157	171	171	162
Median.....	59.23	60.42	49.09	41.37	39.89	46.61	61.97	62.92	50.92

¹ See text, p. 418, and tables 744 and 746.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 11, No. 202.

NO. 211. FEDERAL FOOD PROGRAMS: 1960 TO 1980

[For years ending June 30 except, beginning 1977, ending Sept. 30. Includes Puerto Rico, Guam, Trust Territory of the Pacific Islands, Virgin Islands, and, beginning 1965, American Samoa. All participation data are average monthly figures. Participants are not reported for special milk program, nutrition program for the elderly and charitable institutions program. Cost data are direct benefits to recipients; excludes expenditures for administrative and other operational costs. Beginning 1978, data are preliminary]

PROGRAM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Food stamp:											
Participants.....	Million.....	(x)	.4	4.3	12.9	17.1	18.5	17.1	16.0	17.7	21.1
Federal cost.....	Mil. dol.....	(x)	33	550	2,718	4,386	5,327	5,067	5,165	6,478	8,685
National school lunch program (NSLP):¹											
Children participating.....	Million.....	13.8	18.3	22.5	24.6	24.9	25.5	26.3	26.7	27.2	26.7
Federal cost ²	Mil. dol.....	94	130	300	1,085	1,289	1,479	1,674	1,825	2,002	2,292
School breakfast (SB):											
Children participating.....	Million.....	(x)	(x)	.5	1.4	1.8	2.2	2.5	2.8	3.3	3.6
Federal cost ²	Mil. dol.....	(x)	(x)	11	59	86	113	146	178	224	281
Special school milk:											
Quantity reimbursed.....	Mil. ½ pt.....	2,385	2,967	2,902	1,426	2,139	2,305	2,247	1,986	1,857	1,852
Federal cost.....	Mil. dol.....	81	97	101	49	123	144	153	142	141	154
Women-infant-children:³											
Participants.....	Million.....	(x)	(x)	.1	.2	.5	.7	1.0	1.2	1.6	2.0
Federal cost.....	Mil. dol.....	(x)	(x)	8	23	94	155	227	334	447	617
Child care feeding:⁴											
Children participating.....	Million.....	(x)	(x)	.1	.3	.4	.4	.5	.5	.6	.7
Federal cost.....	Mil. dol.....	(x)	(x)	⁵ 8	⁵ 62	⁵ 99	88	124	149	183	230
Summer feeding:⁶											
Children participating.....	Million.....	(x)	(x)	.1	1.1	1.3	2.0	2.1	1.8	1.6	1.8
Federal cost.....	Mil. dol.....	(x)	(x)	(⁵)	(⁵)	(⁵)	72	126	107	112	131
Needy family commodity:											
Participants.....	Million.....	3.8	5.3	3.8	2.0	.3	.1	.1	.1	.1	.1
Federal cost.....	Mil. dol.....	59	227	289	205	56	11	11	13	21	20
Federal cost of commodities donated to:											
Schools (NSLP and SB).....	Mil. dol.....	132	272	265	387	424	419	542	609	682	858
Charitable institutions.....	Mil. dol.....	16	30	23	25	20	12	18	29	50	63
Nutrition for the elderly.....	Mil. dol.....	(x)	(x)	(x)	(x)	2	9	19	38	52	68

X Not applicable. ¹ See headnote, table 213.

² Excludes cost of commodities donated to schools. Excludes State contributions to cost of meals. ³ Covers special supplemental food program (WIC) and commodity supplemental food program only.

⁴ Program provides year-round subsidies to feed preschool children in child care centers and family day care homes. Between 1970 and 1975 program was combined with summer feeding program.

⁵ Cost data for summer feeding program included with child care feeding program. ⁶ Program provides free meals to children in poor areas during summer months. See also footnote 4.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service. In *Agricultural Statistics*, annual, and unpublished data.

NO. 212. FEDERAL FOOD STAMP PROGRAM: 1961 TO 1980

[Beginning 1975, includes Puerto Rico, Guam, and Virgin Islands. Data for U.S. are periodically revised; therefore data will not match U.S. totals in table 213]

YEAR (ending June 30)	Partici- pants ¹ (1,000)	Average monthly partici- pation (1,000)	VALUE OF STAMPS ISSUED				
			Total cou- pon value (mil. dol.)	Cost to parti- cipants (mil. dol.)	Federal Govt. contribution		
					Total (mil. dol.)	Percent of total coupon value	Average monthly per partici- pant
1961.....	50	50	1	(z)	(z)	46.1	\$7.68
1965.....	633	425	85	53	33	38.0	6.38
1970.....	6,457	4,340	1,090	540	550	50.4	10.55
1971.....	10,549	9,368	2,713	1,190	1,523	56.1	13.55
1972.....	11,594	11,109	3,309	1,512	1,797	54.3	13.48
1973.....	12,107	12,166	3,884	1,753	2,131	54.9	14.60
1974.....	13,524	12,862	4,727	2,009	2,718	57.5	17.61
1975.....	19,197	17,064	7,266	2,880	4,386	60.4	21.41
1976.....	17,982	18,549	8,700	3,373	5,327	61.2	23.93
1977 ²	16,134	17,077	8,351	3,284	5,067	60.7	24.73
1978, prel. ²	15,270	16,044	8,311	3,146	5,165	62.1	26.83
1979, prel. ²	19,296	17,670	³ 7,223	³ 745	6,478	(³)	30.55
1980, prel. ²	21,992	21,071	(³)	(³)	8,685	(³)	34.35

Z Less than \$500,000.

¹ As of end of fiscal year.

² For year ending Sept. 30.

³ As of Jan. 1, 1979, participants were no longer required to pay for a portion of total coupon value.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service. In *Agricultural Statistics*, annual.

NO. 213. FEDERAL FOOD STAMP AND NATIONAL SCHOOL LUNCH PROGRAMS—STATES AND OTHER AREAS: 1975 TO 1980

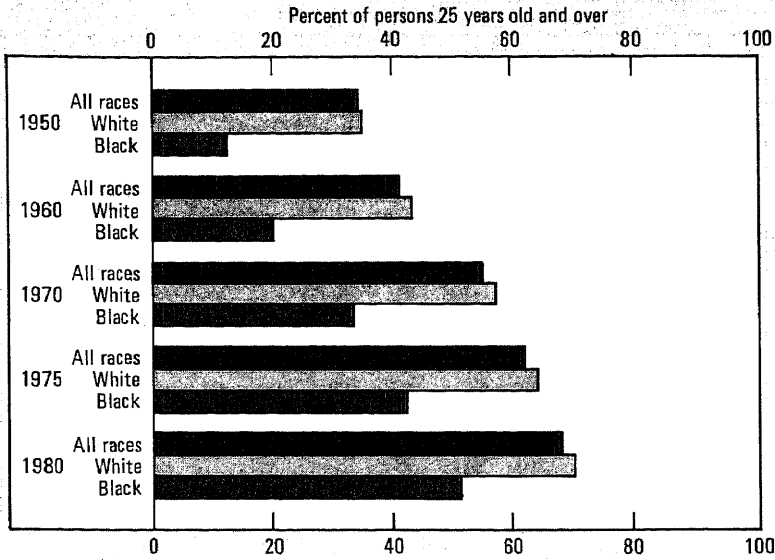
[Cost data: 1975 for year ending June 30. Beginning 1979 year ending Sept. 30. Food stamp participants as of June 30 for 1975, as of Sept. 30 beginning 1979. Data on pupils participating in National School Lunch Program are for month in which most pupils participated nationwide. For National School Lunch Program, covers public and private elementary and secondary schools and residential child care institutions. Sponsors of school lunch programs are reimbursed by Federal Government at rates set by law for each meal served]

STATE OR OTHER AREA	FOOD STAMP PROGRAM						NATIONAL SCHOOL LUNCH PROGRAM					
	Persons (1,000)			Federal cost (mil. dol.)			Pupils (1,000)			Federal cost (mil. dol.)		
	1975	1979, prel.	1980, prel.	1975	1979, prel.	1980, prel.	1975	1979	1980	1975	1979	1980
Total	19,197	19,309	22,023	4,385.5	6,477.5	8,694.1	25,289	27,209	27,182	1,289.0	2,001.9	2,292.5
U.S.	17,351	17,439	20,123	4,115.1	5,703.6	7,835.4	24,740	26,595	26,559	1,253.0	1,932.7	2,210.4
Ala.....	393	794	605	102.8	173.9	245.8	634	643	629	36.7	53.4	60.6
Alaska.....	12	25	32	6.6	13.0	21.6	35	34	33	1.2	2.2	4.0
Ariz.....	166	129	227	40.8	53.6	94.4	241	283	318	11.3	20.0	22.9
Ark.....	267	275	301	74.9	89.5	121.5	341	349	355	18.4	26.7	30.1
Calif.....	1,517	1,342	1,576	360.8	432.6	527.8	1,499	1,838	1,950	97.0	178.0	199.3
Colo.....	162	139	173	44.2	52.1	70.9	257	306	304	11.1	18.3	21.5
Conn.....	189	165	174	34.5	46.7	59.0	221	306	288	10.7	21.5	23.4
Del.....	39	45	53	7.7	14.8	21.4	81	55	68	3.3	4.5	5.3
D.C.....	111	99	104	25.7	33.4	40.1	74	74	57	5.8	7.6	8.9
Fla.....	767	828	996	206.6	307.2	420.0	945	1,074	1,085	51.4	87.5	99.4
Ga.....	569	558	656	129.3	182.6	263.9	845	874	891	50.2	71.1	80.1
Hawaii.....	84	96	106	23.6	42.1	59.8	157	163	162	4.8	9.0	9.2
Idaho.....	39	48	67	10.4	17.5	27.8	98	119	121	3.3	5.9	7.4
Ill.....	948	837	915	235.7	319.6	394.2	1,079	1,093	1,135	55.6	79.9	90.6
Ind.....	255	275	399	58.2	87.4	154.3	738	681	720	23.5	34.3	38.1
Iowa.....	118	117	156	28.1	36.6	53.3	465	464	445	14.5	20.9	23.8
Kans.....	63	73	104	12.3	23.2	37.8	304	307	308	10.8	16.7	18.9
Ky.....	449	411	486	128.4	146.4	211.6	572	568	567	29.4	41.7	47.4
La.....	502	523	584	148.4	176.1	243.2	805	752	767	46.8	59.1	67.4
Maine.....	151	121	139	31.0	45.2	59.2	136	148	145	7.3	11.8	13.4
Md.....	273	295	331	76.2	107.7	139.5	396	446	434	20.2	30.5	35.3
Mass.....	560	411	446	81.7	163.3	171.3	734	703	703	30.3	45.3	50.8
Mich.....	685	705	903	123.4	171.1	262.8	712	919	903	33.5	54.9	67.3
Minn.....	191	143	187	40.3	44.2	61.9	571	554	557	20.7	29.6	31.8
Miss.....	390	576	519	109.7	150.3	198.2	439	439	430	31.5	44.0	49.6
Mo.....	299	284	364	82.0	89.3	141.6	639	670	664	26.3	39.0	45.2
Mont.....	38	33	46	10.9	11.8	18.3	92	98	110	3.3	6.3	8.2
Nebr.....	50	54	72	11.3	16.0	24.9	195	206	204	6.7	10.6	12.1
Nev.....	34	27	37	10.5	9.7	15.3	50	72	79	2.0	4.1	5.0
N.H.....	66	43	53	11.3	15.8	21.4	83	103	101	3.4	6.3	7.6
N.J.....	565	550	613	125.2	179.9	227.5	557	685	679	29.9	52.8	63.1
N. Mex.....	154	156	191	46.4	55.1	80.6	179	178	174	11.8	16.9	19.3
N.Y.....	1,398	1,628	1,807	209.9	520.6	725.0	1,756	1,776	1,563	102.2	157.2	186.7
N.C.....	537	518	592	121.9	171.6	234.1	922	1,010	932	52.9	80.2	89.6
N. Dak.....	19	20	28	4.5	6.3	9.2	93	97	93	3.4	4.8	5.4
Ohio.....	924	759	918	253.4	277.8	380.6	1,102	1,221	1,156	48.6	75.0	82.6
Okla.....	184	184	214	37.7	49.8	72.9	387	398	408	16.9	25.3	29.5
Oreg.....	208	160	213	56.1	60.0	80.0	240	272	275	9.8	15.3	17.7
Pa.....	893	904	1,030	174.9	293.6	371.9	1,154	1,238	1,331	54.3	84.0	94.1
R.I.....	104	79	89	18.0	23.9	30.3	84	80	69	4.5	6.8	7.3
S.C.....	421	370	444	121.3	121.0	181.2	480	509	488	32.6	44.8	50.4
S. Dak.....	31	37	46	7.7	11.0	17.7	101	106	101	4.2	6.5	7.5
Tenn.....	435	531	675	115.4	189.5	278.7	626	653	647	31.9	47.0	54.9
Tex.....	1,085	1,097	1,203	315.2	362.0	514.4	1,522	1,764	1,835	89.3	140.8	164.1
Utah.....	50	44	65	11.0	13.2	21.6	199	241	233	6.6	11.6	14.2
Vt.....	46	40	45	9.3	12.5	17.5	60	59	59	2.7	4.0	4.6
Va.....	293	320	412	63.2	96.1	157.6	724	745	720	32.8	47.7	53.5
Wash.....	239	203	260	69.0	71.5	90.1	326	373	355	15.0	23.3	25.7
W.Va.....	204	182	216	56.1	64.7	85.7	255	262	345	13.8	20.4	23.0
Wis.....	163	177	237	29.3	47.2	68.1	505	526	533	17.6	27.1	31.6
Wyo.....	11	11	15	2.7	3.5	6.8	41	51	51	1.4	2.4	2.8
P. Rico.....	1,800	1,816	1,841	261.0	747.9	825.1	497	533	549	33.1	59.8	71.2
Am. Samoa.....	(x)	(x)	(x)	(x)	(x)	(x)	9	9	9	.6	1.0	.9
Guam.....	21	20	24	3.5	9.7	14.6	21	21	22	.8	1.5	1.9
Virgin Is.....	25	34	34	5.9	16.3	19.0	23	20	20	1.6	2.4	2.6
Trust Terr.....	(x)	(x)	(x)	(x)	(x)	(x)	-	31	23	-	4.5	5.1

- Represents zero. X Not applicable.

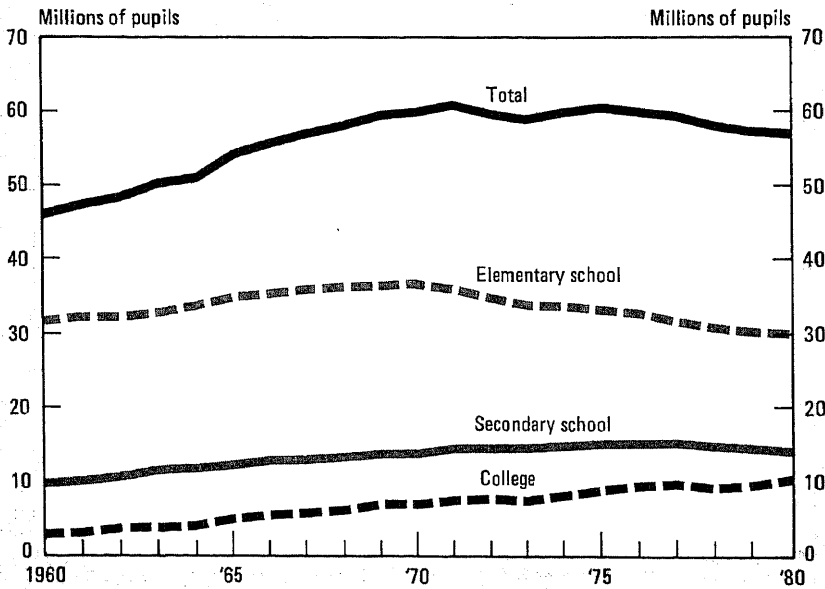
Source: U.S. Dept. of Agriculture, Food and Nutrition Service, *National School Lunch Program* and *Agricultural Statistics*, both annual; and unpublished data.

Figure 5.1
Percent of Adults Who Have Completed Four Years of High School or More: 1950 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 231.

Figure 5.2
School Enrollment, by Level of Instruction: 1960 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 223.



Section 5

Education

This section presents data primarily concerning formal education as a whole, at various levels, and for public and private schools. Data shown relate to the school-age population and school enrollment, educational attainment, education personnel, and financial aspects of education. In addition, data are shown for libraries, adult education, and vocational training. The chief sources are the decennial census of population and the Current Population Survey (CPS), both conducted by the Bureau of the Census (see text, page 1), and annual, biennial, and other periodic surveys conducted by the National Center for Education Statistics.

The censuses of population have included data on school enrollment since 1840 and on educational attainment since 1940. The CPS has reported on school enrollment annually since 1945 and on educational attainment and illiteracy periodically since 1947.

The National Center for Education Statistics (NCES), part of the U.S. Department of Education, is continuing the pattern of statistical studies and surveys conducted by the U.S. Office of Education since 1870. The annual *Digest of Education Statistics* provides summary data on pupils, staff, finances, including government expenditures, and organization at elementary, secondary, and higher education levels and is also the primary source for detailed information on Federal funds for education and related activities. Projections of enrollment, graduates, teachers, and expenditures appear in the biennial *Projections of Education Statistics. The Condition of Education*, issued annually, presents a summary of information on education.

Other sources of data include special studies by NCES, publications of the National Education Association, and annual or biennial reports of education agencies in individual States. The census of governments, conducted by the Bureau of the Census every 5 years (for the years ending in "2" and "7"), provides data on school district finances and State and local government expenditures for education. Reports published by the Bureau of Labor Statistics contain data relating employment experience to educational attainment. Data on vocational training are available in *Vocational and Technical Education*, through 1978 issued annually by the U.S. Office of Education (see table 290).

Types and sources of data.—The statistics in this section are of two general types. One type, exemplified by data from the Bureau of the Census, is based on direct interviews with individuals to obtain information about their own and their families' education. Data of this type relate to school enrollment and level of education attained, classified by age, sex, and other characteristics of the population. The school enrollment statistics reflect attendance or enrollment in any regular school within a given period; educational attainment statistics reflect the highest grade completed by an individual.

The second type, exemplified by data from NCES and the National Education Association, is based on reports from administrators of educational institutions and of State and local agencies having jurisdiction over education. Data of this type relate to enrollment, attendance, staff, and finances for the Nation, individual States, and local areas.

Unlike NCES, the Census Bureau does not regularly include specialized vocational, trade, business, or correspondence schools in its surveys. Both the Bureau of the Census and NCES include kindergartens in enrollment figures; the Census Bureau also includes all nursery schools, while NCES includes only publicly financed ones. At the higher education level, the statistics of both agencies are concerned with institutions granting degrees or offering work acceptable for degree-credit, such as junior colleges.

School attendance.—All States require that children attend school. While State laws vary as to the ages and circumstances of compulsory attendance, generally they require that formal schooling begin by age 6 and continue to age 16.

Schools.—NCES defines a *school* as "a division of the school system consisting of a group of pupils composed of one or more grade groups, organized as one unit with one or more teachers to give instruction of a defined type, and housed in a school plant of one or more buildings. More than one school may be housed in one school plant, as is the case when the elementary and secondary programs are housed in the same school plant."

Regular schools are those which advance a person toward a diploma or degree. They include public and private nursery schools, kindergartens, graded schools, colleges, universities, and professional schools. **Public schools** are schools controlled and supported by local, State, or Federal governmental agencies; **private** or **nonpublic schools** are those controlled and supported mainly by religious organizations or by private persons or organizations.

The Bureau of the Census defines *elementary schools* as including grades 1 through 8; *high schools* as including grades 9 through 12; and *colleges* as including junior or community colleges, regular 4-year colleges, and graduate or professional schools. Statistics reported by NCES and the National Education Association by type of organization, such as elementary level and secondary level, may not be strictly comparable with those from the Bureau of the Census because the grades included at the two levels vary, depending on the level assigned to the middle or junior high school by the local school systems.

School year.—Except as otherwise indicated in the tables, data refer to the school year which, for elementary and secondary schools, generally begins in September of the preceding year and ends in June of the year stated. For the most part, statistics concerning school finances are for a 12-month period, usually July 1 to June 30. Enrollment data generally refer to a specific point in time, such as fall, as indicated in the tables.

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

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

NO. 214: PUBLIC AND PRIVATE SCHOOLS—NUMBER, BY LEVEL: 1940 TO 1979

[Prior to 1960, excludes Alaska and Hawaii. Schools classified by type of organization, rather than by grade-group; elementary excludes kindergarten and secondary includes junior high schools. See Appendix III and also *Historical Statistics, Colonial Times to 1970*, series H 413-417 and H 689]

TYPE OF SCHOOL	UNIT	1940	1950	1960	1966	1970	1975	1977	1978	1979
Elementary	1,000	194.4	138.6	105.4	88.6	81.2	77.6	76.9	(NA)	80.5
Public ¹	1,000	² 183.1	128.2	91.9	73.2	66.8	³ 63.6	³ 62.6	³ 62.6	³ 64.4
One-teacher.....	1,000	² 107.7	59.7	20.2	6.5	2.1	1.2	1.1	1.1	1.0
Nonpublic ¹ ⁴	1,000	11.3	10.4	13.6	15.3	14.4	14.0	14.3	(NA)	16.1
Secondary	1,000	28.7	27.9	29.8	31.2	30.5	29.4	30.1	(NA)	30.0
Public ¹	1,000	² 25.1	24.5	25.8	26.6	26.3	³ 25.7	³ 25.4	³ 24.7	³ 24.2
Nonpublic ¹ ⁴	1,000	3.6	3.3	4.1	4.6	4.2	3.7	4.7	(NA)	5.8
Higher education ⁵	Number	1,708	1,851	2,008	2,230	2,525	2,747	2,785	2,826	2,871
Public.....	Number	603	641	701	821	1,060	1,214	1,231	1,241	1,248
Private.....	Number	1,105	1,210	1,307	1,409	1,465	1,533	1,554	1,585	1,623

NA Not available. ¹ Includes combined elementary-secondary schools. ² 1942 data. ³ Excludes special education schools for the handicapped and, beginning 1978, excludes alternative schools. ⁴ Partially estimated. ⁵ Universities, colleges, professional schools, teachers colleges, junior colleges, and U.S. service schools. Branch campuses not counted separately; considered part of parent institution.

Source: U.S. National Center for Education Statistics, 1940 and 1950, *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education; thereafter, *Digest of Education Statistics*, annual, and unpublished data.

NO. 215. PUBLIC AND PRIVATE SCHOOLS, BY LEVEL—STATES AND OTHER AREAS

[Schools classified by type of organization, rather than by grade-group; elementary excludes kindergarten and secondary includes junior high school. See Appendix III]

STATE OR OTHER AREA	PUBLIC, 1977					PRIVATE, 1979 ²				HIGHER EDUCATION, ⁴ 1981	
	Total	Elementary	Secondary ¹	Combined elem.-sec-ondary	Special schools for the handicapped	Total	Elementary ³	Secondary	Combined elem.-sec-ondary	Public	Private
U.S.	88,025	61,123	23,857	1,521	1,524	18,518	12,749	2,418	3,351	1,497	1,734
Alabama.....	1,328	520	298	510	-	254	118	15	121	37	20
Alaska.....	400	228	97	65	10	30	10	4	16	12	3
Arizona.....	866	639	217	2	8	165	115	20	30	19	9
Arkansas.....	1,188	715	471	-	2	100	53	9	38	19	16
California.....	7,372	5,492	1,543	5	332	1,983	1,382	260	331	135	133
Colorado.....	1,280	835	418	-	27	182	116	24	42	27	17
Connecticut.....	1,098	865	233	-	-	310	197	72	41	24	23
Delaware.....	200	136	52	-	12	66	37	10	19	6	4
District of Columbia.....	194	120	52	12	10	76	51	18	7	1	17
Florida.....	2,014	1,397	496	69	52	733	406	65	262	37	42
Georgia.....	1,766	1,284	438	44	-	291	111	19	161	34	42
Hawaii.....	227	162	52	8	5	100	64	16	20	9	3
Idaho.....	554	357	184	10	3	45	25	3	17	6	3
Illinois.....	4,552	3,155	1,276	8	113	1,153	946	134	73	63	94
Indiana.....	2,149	1,547	510	26	66	457	347	44	66	28	46
Iowa.....	1,889	1,147	717	-	25	289	218	37	34	21	40
Kansas.....	1,651	1,124	515	-	12	162	122	22	18	29	23
Kentucky.....	1,423	1,077	331	-	15	269	197	37	35	21	36
Louisiana.....	1,523	959	342	155	67	422	248	54	120	20	12
Maine.....	761	613	132	8	8	94	39	25	30	12	16
Maryland.....	1,347	990	315	21	21	355	240	57	58	32	25
Massachusetts.....	2,418	1,855	502	-	61	481	313	126	42	33	83
Michigan.....	4,030	2,865	1,054	24	87	842	586	103	153	45	48
Minnesota.....	1,723	1,094	621	8	-	450	352	42	56	30	40
Mississippi.....	1,074	646	428	-	-	160	59	17	84	25	17
Missouri.....	2,249	1,505	744	-	-	514	395	62	57	28	58
Montana.....	802	608	194	-	-	74	47	7	20	9	7
Nebraska.....	1,775	1,379	396	-	-	218	172	28	18	16	14
Nevada.....	263	158	80	16	9	33	24	5	4	6	1
New Hampshire.....	476	379	97	-	-	85	50	25	10	10	15
New Jersey.....	2,486	1,979	442	-	65	743	562	121	60	31	31
New Mexico.....	625	425	175	2	23	92	56	9	27	16	3
New York.....	4,354	2,976	1,183	110	85	1,756	1,275	263	218	86	207
North Carolina.....	2,034	1,425	496	85	28	268	112	20	136	73	53
North Dakota.....	773	455	318	-	-	58	44	7	7	11	5
Ohio.....	4,159	3,096	1,038	1	24	808	644	109	55	60	75
Oklahoma.....	1,857	1,154	700	-	3	75	45	13	17	29	16
Oregon.....	1,284	954	329	1	-	137	88	18	31	21	24
Pennsylvania.....	4,077	2,881	1,007	189	-	1,374	995	176	203	61	139
Rhode Island.....	345	268	66	1	10	96	67	17	12	3	10
South Carolina.....	1,163	795	341	-	27	193	71	11	111	33	28
South Dakota.....	794	563	220	-	11	86	58	15	13	8	12
Tennessee.....	1,711	1,226	340	60	85	230	111	32	87	23	54
Texas.....	5,395	3,249	2,101	-	45	603	434	77	92	96	57
Utah.....	577	388	159	2	28	25	15	4	6	9	5
Vermont.....	402	329	60	10	9	48	20	24	4	6	15
Virginia.....	1,783	1,237	465	48	33	281	149	36	96	39	30
Washington.....	1,688	1,085	531	21	51	295	177	26	93	33	16
West Virginia.....	1,278	898	337	-	43	82	50	10	22	16	12
Wisconsin.....	2,259	1,629	619	-	11	848	713	68	67	31	34
Wyoming.....	389	260	125	-	4	26	13	2	11	8	1
U.S. academies.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	10	-
Other areas.....	1,923	1,407	269	227	20	(NA)	(NA)	(NA)	(NA)	11	26
Puerto Rico.....	1,860	1,357	258	226	19	(NA)	(NA)	(NA)	(NA)	8	26
American Samoa.....	30	25	4	-	1	(NA)	(NA)	(NA)	(NA)	1	-
Guam.....	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	1	-
Virgin Islands.....	33	25	7	1	-	(NA)	(NA)	(NA)	(NA)	1	-

- Represents zero. NA Not available. X Not applicable. ¹ Includes junior, senior, junior-senior, and vocational/technical high schools.

² Does not include special education, vocational/technical, and alternative schools. ³ Includes middle schools. ⁴ Branch campuses counted as separate institutions.

Source: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools, 1977-1978 School Year (Final)*; *Education Directory: Colleges and Universities, 1980-81*, forthcoming; and *Digest of Education Statistics*, annual.

NO. 216. SCHOOL ENROLLMENT, BY TYPE OF SCHOOL: 1960 TO 1980

[In thousands. For 1960, for school year; thereafter, as of fall of preceding year. See *Historical Statistics, Colonial Times to 1970*, series H 421-429, for kindergarten, elementary, and secondary. See also Appendix III]

TYPE OF SCHOOL	1960	1966	1970	1974	1975	1976	1977	1978	1979	1980
Total	45,228	54,306	58,566	59,080	59,677	59,817	59,201	58,740	57,686	58,491
Kindergarten ¹	2,293	2,493	2,821	2,838	3,002	3,164	3,136	2,985	2,861	2,894
Public.....	1,923	2,262	2,601	2,639	2,784	2,945	2,919	2,766	2,642	2,675
Nonpublic.....	^a 354	212	^a 200	^a 180	^a 200	^a 200	^a 200	^a 200	^a 200	^a 200
Grades 1-8 ⁴	30,119	33,266	34,190	32,297	32,019	31,118	30,664	30,182	29,381	28,725
Public.....	25,679	28,315	29,996	28,694	28,137	27,542	27,087	26,450	25,813	25,209
Nonpublic.....	^a 4,286	4,763	^a 4,000	^a 3,420	^a 3,700	^a 3,400	^a 3,400	^a 3,400	^a 3,400	^a 3,350
Residential schools for exceptional children ⁵	^a 59	^a 85	^a 87	^a 85	^a 85	^a 83	^a 83	^a 81	^a 79	^a 78
Federal schools:										
For Indians.....	25	32	34	33	31	29	29	^a 29	^a 28	^a 28
On Fed. installations.....	19	29	^a 33	^a 25	25	23	24	^a 24	^a 23	^a 23
Grades 9-12 ⁴	9,600	13,021	14,418	15,427	15,633	15,804	15,810	15,766	15,654	15,301
Public high schools.....	8,485	11,597	13,022	14,076	14,132	14,304	14,310	14,233	14,156	13,694
Nonpublic high schools.....	^a 1,035	1,329	^a 1,300	^a 1,250	^a 1,400	^a 1,400	^a 1,400	^a 1,400	^a 1,400	^a 1,510
Residential schools for exceptional children ⁵	^a 24	^a 35	^a 37	^a 41	^a 41	^a 41	^a 41	^a 41	^a 41	^a 39
Federal schools:										
For Indians.....	12	14	12	11	11	11	11	^a 10	^a 10	^a 10
On Fed. installations.....	1	^a 3	^a 3	4	4	3	3	^a 3	^a 3	^a 3
Higher education ⁷	3,216	5,526	7,136	8,518	9,023	9,731	9,589	9,807	9,790	11,570
Publicly controlled.....	1,832	3,624	5,112	6,389	6,838	7,426	^a 7,275	^a 7,415	^a 7,363	9,037
Privately controlled.....	1,384	1,902	2,024	2,130	2,185	2,306	^a 2,314	^a 2,392	^a 2,427	2,533

¹ Includes subcollegiate departments of institutions of higher education, residential schools for exceptional children, and Federal schools, not shown separately. ² Data from U.S. Bureau of the Census, *Current Population Reports*, series P-20.

³ Estimated. ⁴ Includes subcollegiate departments of institutions of higher education, not shown separately. ⁵ Schools for blind, deaf, mentally deficient, epileptic, and delinquent. ⁶ Estimate based on 1958 survey. ⁷ Excludes subcollegiate departments of institutions of higher education. Degree-credit only, except beginning 1980, total enrollment.

Source: U.S. National Center for Education Statistics, *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education, and *Digest of Education Statistics*, annual.

NO. 217. SCHOOL EXPENDITURES—PUBLIC AND NONPUBLIC, BY TYPE OF CONTROL AND LEVEL OF INSTRUCTION: 1960 TO 1981

[In billions of dollars, except percent. For school years ending in year shown. Includes nursery, kindergarten, and special programs when provided by school system. Nonpublic elementary and secondary school expenditures are estimates. See *Historical Statistics, Colonial Times to 1970*, series H 494, 499, and 500 for related but not comparable data and H 513-519 for private schools. See also Appendix III]

CONTROL AND LEVEL	1960	1966	1970	1973	1974	1975	1976	1977	1978	1979	1980 ¹	1981 ¹
Total ²	24.7	45.2	70.4	89.7	98.5	111.1	121.8	131.0	140.4	152.1	166.2	181.3
Percent of GNP ⁴	5.0	6.3	7.3	7.3	7.2	7.6	7.5	7.3	7.1	6.7	6.9	(NA)
Current expenditures ⁵	20.2	37.6	60.8	81.0	89.3	100.0	110.4	118.9	131.0	142.6	153.9	168.8
Capital outlay ⁶	4.5	7.6	9.6	8.7	9.2	11.1	11.4	12.1	9.4	9.6	12.3	12.5
Public	19.7	35.3	56.8	72.8	80.1	91.3	100.2	107.6	114.6	123.5	135.3	147.6
Percent of total.....	79.8	78.1	80.7	81.6	81.3	82.2	82.3	82.1	81.7	81.2	81.4	81.4
Current expenditures ⁵	16.1	29.4	49.0	65.7	72.5	82.1	90.7	97.5	106.7	115.4	125.2	137.3
Elementary and secondary ⁷	13.1	22.7	36.3	48.0	52.2	59.3	65.2	70.6	76.0	81.7	88.9	97.5
Higher education.....	3.0	6.7	12.7	17.7	20.3	22.8	25.5	26.9	30.7	33.7	36.3	39.8
Capital outlay ⁶	3.6	5.9	7.8	7.1	7.6	9.2	9.5	10.1	7.9	8.1	10.1	10.3
Elementary and secondary ⁷	2.8	3.8	4.7	4.1	5.0	5.7	5.9	6.2	5.2	5.4	6.1	6.3
Higher education.....	.8	2.1	3.1	3.0	2.6	3.5	3.6	3.9	2.7	2.6	4.0	4.0
Nonpublic	5.0	9.9	13.6	16.9	18.4	19.8	21.6	23.4	25.7	28.7	30.9	33.7
Current expenditures ⁵	4.1	8.2	11.8	15.3	16.8	17.9	19.7	21.4	24.3	27.2	28.7	31.5
Elementary and secondary ⁷	1.7	3.0	4.2	5.7	6.4	6.6	7.3	8.0	9.0	10.2	11.1	12.2
Higher education.....	2.4	5.2	7.6	9.6	10.4	11.3	12.4	13.4	15.2	17.0	17.6	19.3
Capital outlay ⁶	.9	1.7	1.8	1.6	1.6	1.9	1.9	2.0	1.5	1.5	2.2	2.2
Elementary and secondary ⁷	.4	.5	.5	.5	.6	.6	.7	.7	.6	.7	.8	.9
Higher education.....	.5	1.2	1.3	1.1	1.0	1.3	1.2	1.3	.9	.8	1.4	1.3

NA Not available. ¹ Estimated. ² Excludes schools of nursing not affiliated with colleges and universities. ³ Excludes residential schools for exceptional children. ⁴ GNP = Gross national product; see section 14. Data are for fiscal years ending in years shown. ⁵ Includes interest. ⁶ Includes plant expansion. ⁷ See footnote 1, table 218.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual; and *Projections of Education Statistics to 1988-89*.

NO. 218. SCHOOL EXPENDITURES, BY SOURCE OF FUNDS: 1960 TO 1981

(See headnote, table 217)

TYPE OF SCHOOL AND SOURCE OF FUNDS	TOTAL (bil. dol.)											PERCENT		
	1960	1966	1970	1975	1976	1977	1978	1979	1980, est.	1981, est.		1960	1970	1981, est.
Total	24.7	45.2	70.4	111.1	121.6	131.0	140.4	152.1	166.2	181.3		100.0	100.0	100.0
Federal	1.7	5.0	7.5	12.1	12.8	14.4	14.6	16.1	17.2	19.2		6.9	10.7	10.6
State.....	7.2	13.1	22.2	38.7	44.4	47.5	51.1	56.4	61.3	68.8		29.1	31.5	37.9
Local.....	9.7	15.1	22.6	33.2	34.6	37.1	39.1	40.1	45.2	46.6		39.3	32.1	25.7
All other.....	6.1	12.0	18.1	27.1	29.8	32.0	35.6	39.5	42.5	46.7		24.7	25.7	25.8
Public	19.7	35.3	56.8	91.3	100.0	107.6	114.6	123.5	135.3	147.6		79.8	80.7	81.3
Federal.....	1.2	3.6	5.8	9.8	10.3	11.7	11.7	12.9	13.8	15.4		4.8	8.2	8.5
State.....	7.2	13.0	22.1	38.4	44.1	47.2	50.8	56.1	60.9	68.5		29.1	31.4	37.8
Local.....	9.7	15.1	22.5	33.1	34.5	37.0	39.0	40.0	45.1	46.5		39.3	32.0	25.6
All other.....	1.6	3.6	6.4	10.0	11.1	11.7	13.2	14.4	15.5	17.0		6.5	9.1	9.4
Nonpublic	5.0	9.9	13.6	19.8	21.6	23.4	25.7	28.7	30.9	33.7		20.2	19.3	18.7
Federal.....	.5	1.4	1.7	2.3	2.5	2.7	2.9	3.2	3.4	3.8		2.0	2.4	2.1
State and local.....	(2)	.1	.2	.4	.4	.4	.4	.4	.5	.4		(2)	.2	.2
All other.....	4.5	8.4	11.7	17.1	18.7	20.3	22.4	25.1	27.0	29.7		18.2	16.6	16.4
Elementary and secondary¹	18.0	30.0	45.7	72.2	78.9	85.5	90.9	98.0	107.1	116.3		100.0	100.0	100.0
Federal.....	.7	2.1	3.4	6.0	6.3	7.4	7.7	8.5	9.1	10.1		3.9	7.4	8.7
State.....	5.6	9.6	15.8	27.2	31.6	34.0	36.0	39.8	42.9	48.5		31.1	34.6	41.7
Local.....	9.5	14.7	21.7	31.7	32.9	35.3	37.3	38.5	43.1	44.6		52.8	47.5	38.3
Public	15.9	26.5	41.0	65.0	70.9	76.8	81.2	87.1	95.4	103.5		88.3	89.7	89.0
Federal.....	.7	2.1	3.4	6.0	6.3	7.4	7.7	8.5	9.1	10.1		3.9	7.4	8.7
State.....	5.6	9.6	15.8	27.2	31.6	34.0	36.0	39.8	42.9	48.5		31.1	34.6	41.7
Local.....	9.5	14.7	21.7	31.7	32.9	35.3	37.3	38.5	43.1	44.6		52.8	47.5	38.3
All other.....	.1	.1	.1	.1	.1	.1	.2	.3	.3	.3		.6	.2	.3
Nonpublic	2.1	3.5	4.7	7.2	8.0	8.7	9.6	10.9	11.7	12.8		22.7	10.3	11.0
Institutions of higher education	6.7	15.2	24.7	38.9	42.7	45.5	49.5	54.2	59.1	65.0		100.0	100.0	100.0
Federal.....	1.0	2.9	4.1	6.1	6.5	7.0	6.8	7.6	8.1	9.1		14.9	16.6	14.0
State.....	1.6	3.5	6.4	11.5	12.8	13.5	15.1	16.6	18.4	20.3		23.9	25.9	31.2
Local.....	.2	.4	.9	1.5	1.7	1.8	1.8	1.6	2.1	2.0		3.0	3.6	3.1
All other.....	3.9	8.4	13.3	19.8	21.7	23.2	25.8	28.3	30.6	33.6		58.2	53.9	51.7
Public	3.8	8.8	15.8	26.3	29.1	30.8	33.4	36.4	39.9	43.9		56.7	64.0	67.5
Federal.....	.5	1.5	2.4	3.8	4.0	4.3	4.0	4.4	4.7	5.3		7.5	9.7	8.2
State.....	1.6	3.4	6.3	11.2	12.5	13.2	14.8	16.3	18.0	20.0		23.9	25.5	30.8
Local.....	.2	.4	.8	1.4	1.6	1.7	1.7	1.5	2.0	1.9		3.0	3.2	2.9
All other.....	1.5	3.5	6.3	9.9	11.0	11.6	13.0	14.1	15.2	16.7		22.4	25.5	25.7
Nonpublic	2.9	6.4	8.9	12.6	13.6	14.7	16.1	17.8	19.2	21.1		43.3	36.0	32.5
Federal.....	.5	1.4	1.7	2.3	2.5	2.7	2.9	3.2	3.4	3.8		7.5	6.9	5.8
State and local.....	(2)	.1	.2	.4	.4	.4	.4	.4	.5	.4		(2)	.8	.6
All other.....	2.4	4.9	7.0	9.9	10.7	11.6	12.8	14.2	15.3	16.9		35.8	28.3	26.0

Z Less than \$50 million or less than .05 percent. ¹ Includes, in addition to regular schools, "other" schools such as residential schools for exceptional children, Federal schools for Indians, and federally operated schools on military posts; includes items not shown separately.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 219. FEDERAL OUTLAYS FOR EDUCATION AND RELATED ACTIVITIES: 1960 TO 1981

[In millions of dollars. Years ending June 30 except, beginning 1977, ending Sept. 30. See headnote, table 220]

YEAR	OUTLAYS SUPPORTING EDUCATION IN EDUCATIONAL INSTITUTIONS					Other outlays for education and related activities
	Total	Grants			Loans, higher education	
		Total	Elementary, secondary	Higher education	Vocational technical	
1960.....	1,734	1,493	490	830	173	2,267
1966.....	5,844	5,232	2,037	2,272	923	3,820
1970.....	9,236	8,728	3,206	3,911	1,611	3,329
1972.....	11,782	11,433	3,840	5,172	2,421	4,516
1973.....	12,689	12,343	4,033	5,965	2,344	4,706
1974.....	13,082	12,729	4,130	6,064	2,535	4,847
1975.....	17,604	17,124	4,884	7,992	4,248	5,863
1976.....	19,553	19,157	4,679	9,675	4,803	6,137
1977.....	18,780	18,459	4,965	8,899	4,594	7,568
1978.....	21,598	20,795	5,707	9,385	5,703	7,442
1979.....	24,383	22,995	6,714	9,322	6,958	8,390
1980, est.	26,753	24,952	7,355	9,904	7,692	9,230
1981, est.	26,771	25,275	7,737	9,828	7,710	9,264

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 220. FEDERAL OUTLAYS FOR EDUCATION AND RELATED ACTIVITIES: 1970 TO 1981

[In millions of dollars, except as indicated. For years ending June 30 except, beginning 1977, ending September 30. Includes Puerto Rico and outlying areas. Minus sign (-) denotes repayments exceeding new loans for data on loans and decrease for percent change. For explanation of average annual percent change, see Guide to Tabular Presentation]

TYPE OF SUPPORT, LEVEL, AND PROGRAM AREA	1970	1975	1976	1977	1978	1979	1980, est.	1981, est.
Federal outlays supporting education in educational institutions, total.....	9,236	17,604	19,553	18,780	21,598	24,383	26,753	26,771
Average annual percent change ¹	8.4	13.8	11.1	-3.9	15.0	12.9	9.7	.1
Grants.....	8,728	17,124	19,157	18,459	20,795	22,995	24,952	25,275
Elementary-secondary education ²	3,206	4,884	4,679	4,965	5,707	6,714	7,355	7,737
School assistance—Fed. affected areas.....	656	619	599	765	766	912	821	554
Assistance for educationally deprived ³	1,208	2,765	2,647	2,856	3,408	4,083	4,677	5,187
Economic opportunity ⁴	534							
Supporting services ⁵	296	361	336	377	398	403	395	393
Teacher Corps.....	18	39	24	3	8	14	14	15
Vocational education.....	181	351	388	309	297	358	460	461
Dependents' schools abroad.....	137	235	238	280	297	350	356	421
Public lands revenue for schools.....	82	149	131	93	256	270	322	373
Assistance in special areas ⁶	79	136	118	84	79	50	49	54
Emergency school assistance.....	-	197	172	181	169	238	212	227
Higher education.....	² 3,911	7,992	9,675	8,899	9,385	9,322	9,904	9,828
Basic research in U.S. educational institutions proper ⁷	984	1,271	1,421	1,638	2,111	2,459	2,733	3,002
Research facilities ⁷	225	168	225	312	431	456	481	401
Training grants, fellowships, traineeships.....	896	1,082	1,037	985	1,126	974	1,076	1,004
Facilities and equipment.....	513	336	296	329	169	100	102	86
Other institutional support.....	178	428	488	458	474	541	587	585
Other student assistance.....	1,102	4,708	6,209	5,177	5,075	4,791	4,926	4,750
Vocational-technical and continuing.....	1,611	4,248	4,803	4,594	5,703	6,958	7,692	7,710
Vocational, technical and work training ⁸	1,269	3,037	3,405	3,575	4,964	6,356	7,200	7,230
Veterans education.....	251	1,013	1,125	779	498	393	331	265
General continuing education ⁹	66	152	208	190	167	158	117	172
Training of Federal, State, and local government personnel.....	25	47	65	51	54	52	45	43
Loans, higher education.....	508	480	396	322	802	1,388	1,802	1,496
Student loan program, NDEA ¹⁰	197	449	420	378	748	1,371	1,766	1,475
College facilities loans ¹¹	311	31	-24	-57	55	17	35	21
Other Federal outlays for education and related activities, total.....	3,411	5,908	6,169	7,615	7,485	8,461	9,304	9,349
Average annual percent change ¹	-1.0	12.0	4.6	23.3	-1.7	12.7	10.0	.4
Applied research and development ⁷	1,240	2,067	2,166	2,575	2,614	2,940	3,097	3,289
School lunch and milk programs.....	676	1,832	1,890	2,092	2,665	3,064	3,521	3,289
Training of Federal military personnel.....	676	996	975	1,037	1,033	1,192	1,279	1,300
Professional training, military.....	492	727	694	754	739	(NA)	(NA)	(NA)
U.S. military academies.....	184	270	282	282	294	(NA)	(NA)	(NA)
Library services.....	170	287	304	306	333	359	469	474
International Development Assistance.....	111	45	33	46	44	71	73	85
Other ²	567	681	801	858	797	836	863	912
Agricultural extension service.....	125	219	219	239	240	262	250	264
Educational television facilities ¹²	19	65	79	110	129	125	155	166
Surplus personal property transferred ¹³	246	216	295	262	197	216	184	203
Surplus real property transferred ¹⁴	12	37	22	29	13	6	14	(NA)

- Represents zero. NA Not available. ¹For 1970, change from 1968; for 1975, change from 1970. ²Includes other outlays not shown separately. ³Comprises Elementary and Secondary Education Act Title I, handicapped children, dropout prevention, bilingual education, Kendall School for the Deaf, and Model School for the Deaf. ⁴Comprises Office of Economic Opportunity, Indian education, Appalachian Regional Development, Department of Labor, and Head Start preschool.

⁵Comprises supplemental centers school library materials, strengthening of State education agencies, captioned films for the deaf, dissemination of information, school counseling and testing, American Printing House for the Blind, planning and evaluation, and equipment and minor remodeling.

⁶Comprises funds for District of Columbia, Canal Zone (beginning 1980 excludes Canal Zone), territories and dependencies, Cuban refugees, and payments in lieu of taxes other than P.L. 81-874 and P.L. 81-815 for federally affected areas.

⁷Data from U.S. National Science Foundation, *Federal Funds for Research, Development, and Other Scientific Activities*. Higher education data include university operated research and development centers.

⁸Comprises adult vocational education and manpower training programs.

⁹Comprises Office of Education, ACTION (previously Peace Corps), Social and Rehabilitation Service, Dept. of Housing and Urban Development, Office of Economic Development, and additional programs for continuing education. ¹⁰Comprises National Defense Education Act and insured student loans. ¹¹Comprises net amounts (loans minus loan repayments) for Dept. of Housing and Urban Development college housing loans, Office of Education college facilities loans, and Federal loans to the District of Columbia for school construction.

¹²Includes education broadcasting facilities. ¹³Acquisition cost. ¹⁴Fair value.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 221. ENROLLMENT IN PUBLIC AND NONPUBLIC SCHOOLS, BY LEVEL, 1965 TO 1978, AND PROJECTIONS, 1980 TO 1988

[In thousands. As of fall. Elementary covers kindergarten through 8th grade; secondary, grades 9 through 12 and postgraduates in secondary schools. Both are for regular day schools. Data exclude independent nursery schools and kindergartens, residential schools for exceptional children, subcollegiate departments of colleges, Federal schools for Indians, and federally operated schools on Federal installations. College data include degree-credit and nondegree-credit enrollment.]

ITEM	1965	1970	1975	1978	1980	1984	1985	1986	1987	1988
Total	54,394	59,899	61,063	58,948	57,382	55,122	55,111	55,292	55,576	55,938
Public.....	46,143	52,337	53,626	51,395	49,820	47,563	47,522	47,652	47,866	48,128
Nonpublic.....	8,251	7,562	7,437	7,553	7,562	7,559	7,589	7,640	7,710	7,810
Elementary.....	35,463	36,686	34,174	32,061	30,974	30,208	30,257	30,675	31,369	32,223
Public.....	30,563	32,577	30,487	28,455	27,389	26,428	26,448	26,851	27,495	28,259
Nonpublic.....	4,900	4,109	3,687	3,606	3,585	3,780	3,809	3,824	3,874	3,964
Secondary.....	13,010	14,632	15,704	15,628	14,797	13,422	13,496	13,402	13,103	12,667
Public.....	11,610	13,332	14,304	14,156	13,307	12,063	12,100	11,929	11,578	11,115
Nonpublic.....	1,400	1,300	1,400	1,472	1,490	1,359	1,396	1,473	1,525	1,552
College.....	5,921	8,581	11,185	11,259	11,611	11,492	11,358	11,215	11,104	11,048
Public.....	3,970	6,428	8,835	8,784	9,124	9,072	8,974	8,872	8,793	8,754
Nonpublic.....	1,951	2,153	2,350	2,475	2,487	2,420	2,384	2,343	2,311	2,294

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics to 1988-1989*.

NO. 222. ENROLLMENT IN PUBLIC AND PRIVATE SCHOOLS: 1960 TO 1980

[In millions, except percent. See headnote, table 223]

YEAR	PUBLIC						PRIVATE					
	Total	Nurs- ery	Kinder- garten	Ele- mentary	High school	Col- lege	Total	Nurs- ery	Kinder- garten	Ele- mentary	High school	Col- lege
1960.....	39.0	(NA)	27.5		9.2	2.3	7.2	(NA)	4.9		1.0	1.3
1965.....	45.5	.1	2.4	27.6	11.5	3.8	9.2	.4	.6	4.9	1.5	1.8
1970.....	52.2	.3	2.6	30.0	13.5	5.7	8.1	.8	.5	3.9	1.2	1.7
1975.....	52.8	.6	2.9	27.2	14.5	7.7	8.2	1.2	.5	3.3	1.2	2.0
1976.....	52.4	.5	3.0	26.7	14.5	7.7	8.1	1.1	.5	3.1	1.2	2.2
1977.....	51.6	.6	2.7	26.0	14.5	7.9	8.4	1.1	.5	3.3	1.2	2.3
1978.....	50.0	.6	2.5	25.3	14.2	7.4	8.6	1.2	.5	3.2	1.2	2.4
1979.....	49.7	.6	2.6	24.8	14.0	7.7	8.2	1.2	.4	3.1	1.1	2.3
1980.....	48.2	.6	2.7	24.4	(NA)		9.2	1.4	.5	3.1	(NA)	
Percent White:												
1960.....	85.7	(NA)	84.3		88.2	92.2	95.7	(NA)	95.3		96.7	96.3
1965.....	85.0	73.2	85.5	83.3	86.5	92.9	95.5	91.1	90.9	96.4	95.7	95.3
1970.....	84.5	59.5	84.4	83.1	85.6	90.7	93.4	91.1	88.2	94.1	96.1	92.8
1975.....	83.2	68.3	82.9	82.3	83.5	87.3	91.6	88.6	89.1	93.3	94.2	89.9
1979.....	82.3	67.3	79.8	81.5	82.5	86.7	89.7	90.0	85.2	89.6	92.1	89.3
1980.....	82.0	68.2	80.7	80.9	(NA)		89.0	89.0	87.0	90.7	(NA)	

NA Not available.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 362, and earlier reports; and unpublished data.

NO. 223. SCHOOL ENROLLMENT, BY SEX AND BY LEVEL: 1960 TO 1980

[In millions. As of Oct. For 1960, covers civilian noninstitutional population 5 to 34 years old; thereafter, 3 to 34 years old. Elementary includes kindergarten and grades 1-8; high school, grades 9-12; and college, 2-year and 4-year colleges, universities, and graduate and professional schools. Data for college represent degree-credit enrollment.]

YEAR	ALL LEVELS ¹			ELEMENTARY			HIGH SCHOOL			COLLEGE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1960.....	46.3	24.2	22.0	32.4	16.7	15.7	10.2	5.2	5.1	3.6	2.3	1.2
1965.....	54.7	28.5	26.2	35.5	18.2	17.3	13.0	6.5	6.5	5.7	3.5	2.2
1970.....	60.4	31.4	28.9	37.1	19.0	18.1	14.7	7.4	7.3	7.4	4.4	3.0
1973.....	59.4	30.9	28.5	34.5	17.7	16.8	15.3	7.8	7.5	8.2	4.7	3.5
1974.....	60.3	31.2	29.1	34.4	17.6	16.8	15.4	7.8	7.6	8.8	4.9	3.9
1975.....	61.0	31.6	29.4	33.8	17.3	16.5	15.7	8.0	7.7	9.7	5.3	4.4
1976.....	60.5	31.2	29.3	33.3	17.0	16.2	15.7	8.1	7.7	10.0	5.3	4.7
1977.....	60.0	30.8	29.2	32.4	16.6	15.8	15.8	8.0	7.8	10.2	5.4	4.8
1978.....	58.6	30.1	28.6	31.5	16.1	15.3	15.5	7.8	7.6	9.8	5.1	4.7
1979.....	57.9	29.5	28.3	30.9	15.9	15.0	15.1	7.7	7.4	10.0	5.0	5.0
1980.....	57.3	29.2	28.2	30.6	15.8	14.9	14.6	7.3	7.2	10.2	5.0	5.2

¹ Beginning 1965, includes nursery schools, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 362, and earlier reports; and unpublished data.

**NO. 224. SCHOOL ENROLLMENT—ELEMENTARY, SECONDARY, AND HIGHER EDUCATION, BY STATES
AND OTHER AREAS: 1975 TO 1979**

[In thousands. As of fall of year. Public elementary refers to prekindergarten through grade 8; secondary, to grades 9–12 and postgraduates; includes unclassified. Data for nonpublic elementary and secondary schools not revised; for revised U.S. totals, see table 221; for revised data on public schools, see table 241. See also Appendix III]

STATE OR OTHER AREA	ELEMENTARY ¹				SECONDARY ¹				HIGHER EDUCATION ⁵			
	Public		Nonpublic ^{2,4}		Public		Nonpublic ⁴		Public		Nonpublic	
	1975	1979 ²	1975	1978	1975	1979 ²	1975	1978	1975	1979	1975	1979
United States.....	30,545	27,884	3,400	2,989	14,294	13,694	1,200	1,069	6,835	6,037	2,350	2,533
New England.....	1,749	1,495	239	161	807	756	126	109	372	372	336	359
Maine.....	172	156	10	7	79	72	8	7	31	32	9	11
New Hampshire.....	120	112	17	10	54	59	8	9	24	23	17	19
Vermont.....	73	69	6	3	31	31	6	4	17	17	12	13
Massachusetts.....	⁷ 813	683	121	78	385	351	59	48	174	171	211	225
Rhode Island.....	121	99	24	17	55	55	9	8	32	34	32	31
Connecticut.....	450	378	61	45	203	189	37	33	94	96	55	60
Middle Atlantic.....	4,760	3,986	1,007	821	2,345	2,240	348	292	1,129	1,072	643	692
New York.....	⁷ 2,281	1,905	497	401	1,120	1,064	173	131	614	550	391	420
New Jersey.....	⁷ 998	848	180	156	460	440	55	59	228	240	69	72
Pennsylvania.....	1,481	1,233	330	264	765	736	120	102	287	282	183	199
East No. Central.....	5,969	5,208	898	766	2,856	2,663	293	253	1,588	1,664	383	401
Ohio.....	1,535	1,351	212	186	757	674	75	65	337	363	99	101
Indiana.....	851	723	75	69	375	361	21	22	159	173	54	55
Illinois.....	1,539	1,367	300	250	731	676	98	88	444	465	140	148
Michigan.....	1,419	1,224	174	129	654	638	65	49	437	440	60	64
Wisconsin.....	625	544	136	131	339	314	34	29	211	223	30	33
West No. Central.....	2,315	2,074	278	244	1,188	1,087	78	83	611	641	175	190
Minnesota.....	573	496	83	63	307	282	22	16	149	153	36	41
Iowa.....	408	358	46	39	204	191	18	15	84	91	38	42
Missouri.....	646	579	82	65	319	293	11	30	159	153	65	69
North Dakota.....	84	76	8	6	48	42	3	2	28	30	2	2
South Dakota.....	100	88	8	6	51	45	3	3	22	23	8	8
Nebraska.....	210	190	28	24	105	98	12	10	61	71	13	15
Kansas.....	294	288	24	21	154	135	8	7	108	119	13	14
South Atlantic.....	4,900	4,633	281	265	2,201	2,136	114	87	1,242	1,318	306	347
Delaware.....	84	65	12	11	43	39	5	5	27	28	5	5
Maryland.....	607	510	77	61	274	267	28	23	177	190	29	29
Dist. of Columbia.....	94	75	12	11	36	31	9	5	15	15	69	73
Virginia.....	759	715	40	30	344	316	20	11	215	237	29	34
West Virginia.....	283	266	7	7	121	123	4	3	68	71	11	11
North Carolina.....	818	796	20	17	367	354	5	4	201	211	50	58
South Carolina.....	443	429	22	14	186	196	5	3	108	103	25	28
Georgia.....	751	746	19	21	340	333	10	6	143	139	31	39
Florida.....	1,061	1,031	72	93	490	477	29	28	288	324	57	71
East So. Central.....	1,977	1,921	135	103	863	858	63	40	481	491	91	103
Kentucky.....	475	466	41	45	217	211	15	16	105	110	20	25
Tennessee.....	626	610	20	23	251	256	11	15	140	152	42	47
Alabama.....	520	519	37	21	239	235	12	4	146	139	19	20
Mississippi.....	356	326	37	13	156	156	24	4	90	89	10	11
West So. Central.....	3,309	3,270	194	195	1,401	1,440	65	62	854	919	134	139
Arkansas.....	317	312	8	8	139	141	3	3	56	64	9	10
Louisiana.....	592	555	94	87	255	245	33	28	132	131	21	23
Oklahoma.....	408	399	8	7	186	185	3	3	124	131	22	21
Texas.....	1,992	2,004	84	92	821	868	26	28	542	592	82	84
Mountain.....	1,532	1,559	71	72	709	714	25	20	517	549	64	71
Montana.....	115	106	7	4	57	52	3	2	28	29	3	3
Idaho.....	133	141	4	3	63	62	2	1	31	32	8	8
Wyoming.....	59	67	2	1	29	29	(2)	(2)	18	19	—	—
Colorado.....	384	370	24	21	185	181	8	6	136	140	13	16
New Mexico.....	183	187	9	10	91	89	3	2	48	53	4	3
Arizona.....	⁷ 350	353	20	24	143	156	7	6	169	183	5	6
Utah.....	212	238	3	3	97	95	1	2	57	58	31	34
Nevada.....	96	98	2	4	44	50	1	1	30	36	(2)	(2)
Pacific.....	4,030	3,735	298	363	1,919	1,802	89	122	2,007	1,992	214	232
Washington.....	530	515	30	30	255	250	12	10	203	277	25	27
Oregon.....	321	317	17	14	156	150	6	6	130	138	15	17
California.....	2,993	2,730	237	301	1,427	1,318	66	101	1,618	1,515	170	184
Alaska.....	65	61	(2)	1	25	28	(2)	(2)	13	19	1	1
Hawaii.....	121	112	14	16	58	57	6	6	43	43	3	4
Other areas ⁸.....	524	43	46	(NA)	247	(NA)	19	(NA)	62	60	44	78
Puerto Rico.....	467	(NA)	38	3	230	(NA)	16	(NA)	53	52	44	78
Virgin Islands.....	20	19	3	(NA)	5	6	1	(NA)	2	2	—	—

— Represents zero. NA Not available. Z Fewer than 500. ¹ Excludes data for private residential schools for exceptional children and subcollegiate departments of higher education. ² Preliminary. ³ Elementary includes middle schools.

⁴ Excludes combined elementary and secondary schools. ⁵ See headline, table 270. ⁶ Includes U.S. military academies not shown separately. ⁷ Estimated. ⁸ 1979 elementary and secondary includes Commonwealth of the Northern Marianas, Guam, and Virgin Islands; other data shown include American Samoa, Canal Zone, Guam, and Trust Territories of the Pacific Islands.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual, and unpublished data.

No. 225. SCHOOL ENROLLMENT AND RATE, BY AGE, SEX AND RACE: 1960 TO 1980

[In thousands, except rate. As of October. Covers persons 3 to 34 years old enrolled in nursery school and above. Data relate to civilian noninstitutional population and are based on Current Population Survey, see text p. 1. See *Historical Statistics, Colonial Times to 1970*, series H 442-476 for enrollment 5-34 years old]

YEAR AND AGE	TOTAL ENROLLED					RATE				
	Total	Male	Female	White	Black	Total	Male	Female	White	Black
1960, total¹	46,259	24,234	22,025	40,348	5,910	56.4	60.0	52.8	56.4	55.9
3 and 4 years	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
5 and 6 years	6,438	3,292	3,146	5,574	864	80.7	80.8	80.6	82.0	73.3
7 to 13 years	25,621	13,074	12,547	22,149	3,472	99.5	99.5	99.6	99.6	99.1
14 and 15 years	5,641	2,878	2,763	4,939	701	97.8	97.9	97.6	98.1	95.9
16 and 17 years	4,601	2,370	2,231	4,088	512	82.6	84.5	80.6	83.3	76.9
18 and 19 years	1,817	1,063	754	1,606	210	38.4	47.8	30.0	38.9	34.6
20 and 21 years	817	517	300	750	67	19.4	27.1	13.1	20.6	11.9
22 to 24 years	533	419	114	498	35	8.7	15.0	3.4	9.3	4.4
25 to 29 years	514	415	99	478	36	4.9	8.4	1.8	5.2	2.9
30 to 34 years	278	206	72	264	13	2.4	3.7	1.2	2.6	1.0
1965, total²	54,699	28,519	26,180	47,450	6,675	55.5	58.8	52.3	55.5	55.6
3 and 4 years	886	438	448	731	155	10.6	10.2	10.9	10.3	11.8
5 and 6 years	7,039	3,577	3,462	6,054	900	84.4	84.4	84.4	85.3	79.1
7 to 13 years	27,450	13,932	13,518	23,582	3,818	99.4	99.3	99.4	99.4	99.1
14 and 15 years	6,980	3,546	3,434	6,034	883	98.9	99.0	98.7	99.0	98.1
16 and 17 years	6,053	3,067	2,986	5,293	679	87.4	88.0	86.9	87.8	83.9
18 and 19 years	2,930	1,689	1,241	2,628	267	46.3	55.6	37.7	47.1	39.6
20 and 21 years	1,378	839	539	1,280	74	27.6	37.6	19.5	29.4	12.8
22 to 24 years	982	720	262	926	49	13.2	21.1	6.5	14.1	6.2
25 to 29 years	658	483	175	619	24	6.1	9.4	3.1	6.5	2.1
30 to 34 years	343	228	115	303	26	3.2	4.5	2.1	3.2	2.4
1970, total	60,357	31,413	28,944	51,719	7,829	56.4	59.7	53.2	56.2	57.4
3 and 4 years	1,461	771	691	1,181	250	20.5	21.2	19.8	19.9	22.7
5 and 6 years	7,000	3,545	3,455	5,899	999	89.5	88.9	90.2	90.3	84.9
7 to 13 years	28,943	14,688	14,255	24,564	3,998	99.2	99.0	99.4	99.2	99.3
14 and 15 years	7,869	3,992	3,877	6,761	1,025	98.1	98.0	98.1	98.2	97.6
16 and 17 years	6,927	3,539	3,388	6,008	837	90.0	91.3	88.6	90.6	85.7
18 and 19 years	3,322	1,821	1,501	2,924	352	47.7	54.4	41.6	48.7	40.1
20 and 21 years	1,949	1,131	818	1,750	174	31.9	42.7	23.6	33.1	22.8
22 to 24 years	1,410	931	479	1,305	84	14.9	21.2	9.4	15.7	8.0
25 to 29 years	1,011	713	298	910	68	7.5	11.0	4.3	7.7	4.8
30 to 34 years	466	283	182	416	41	4.2	5.3	3.1	4.2	3.4
1975, total	60,969	31,555	29,414	51,430	8,400	53.7	56.0	51.5	53.1	57.7
3 and 4 years	2,101	1,052	1,049	1,697	344	31.5	30.9	32.1	30.8	34.2
5 and 6 years	6,590	3,346	3,244	5,494	972	94.7	94.4	95.1	94.8	94.5
7 to 13 years	26,104	13,267	12,837	21,892	3,759	99.3	99.0	99.6	99.3	99.2
14 and 15 years	8,300	4,231	4,070	7,023	1,151	98.2	98.4	98.0	98.3	97.4
16 and 17 years	7,398	3,811	3,587	6,289	987	89.0	90.7	87.2	89.3	86.8
18 and 19 years	3,765	1,940	1,825	3,185	485	46.9	49.9	44.2	46.5	47.1
20 and 21 years	2,393	1,304	1,089	2,097	262	31.2	35.3	27.4	31.8	27.1
22 to 24 years	1,728	1,030	697	1,506	173	16.2	20.0	12.6	16.8	14.2
25 to 29 years	1,679	1,061	618	1,459	163	10.1	13.1	7.2	10.0	9.4
30 to 34 years	910	512	398	788	103	6.6	7.7	5.6	6.6	7.1
1979, total	57,854	29,535	28,319	48,225	8,317	50.3	51.8	49.0	49.6	55.0
3 and 4 years	2,138	1,077	1,061	1,694	385	35.1	34.6	35.6	33.9	40.8
5 and 6 years	5,846	3,003	2,843	4,773	916	95.8	96.3	95.2	95.8	96.0
7 to 13 years	24,145	12,285	11,860	20,007	3,610	99.2	99.0	99.4	99.2	99.0
14 and 15 years	7,691	3,922	3,769	6,419	1,122	98.1	98.3	97.9	98.2	97.4
16 and 17 years	7,279	3,758	3,521	6,092	1,051	89.2	90.8	87.6	89.0	90.8
18 and 19 years	3,693	1,874	1,819	3,106	500	45.0	46.6	43.4	44.5	46.6
20 and 21 years	2,446	1,239	1,208	2,151	242	30.2	31.6	28.9	31.1	23.7
22 to 24 years	1,844	990	853	1,572	213	15.8	17.6	14.1	15.7	15.0
25 to 29 years	1,728	910	818	1,510	160	9.6	10.4	8.8	9.7	7.9
30 to 34 years	1,045	478	567	901	118	6.4	6.0	6.7	6.3	6.8
1980, total	57,348	29,155	28,192	47,673	8,251	49.7	50.9	48.5	48.9	53.9
3 and 4 years	2,280	1,202	1,078	1,844	371	36.7	37.8	35.5	36.3	38.2
5 and 6 years	5,853	2,971	2,882	4,781	904	95.7	95.0	96.4	95.8	95.4
7 to 13 years	23,751	12,110	11,641	19,585	3,598	99.3	99.2	99.3	99.2	99.4
14 and 15 years	7,282	3,701	3,580	6,038	1,088	98.2	98.7	97.7	98.3	97.9
16 and 17 years	7,129	3,620	3,509	5,937	1,047	89.0	89.1	88.8	88.6	90.6
18 and 19 years	3,788	1,879	1,910	3,199	494	46.4	47.0	45.8	46.3	45.7
20 and 21 years	2,515	1,280	1,235	2,206	242	31.0	32.6	29.5	31.9	23.4
22 to 24 years	1,931	1,019	912	1,669	196	16.3	17.8	14.9	16.4	13.6
25 to 29 years	1,714	880	833	1,473	187	9.3	9.8	8.8	9.2	8.8
30 to 34 years	1,105	492	613	942	124	6.4	5.9	7.0	6.3	6.8

¹ Black includes other races. ² Except as noted, data are for Black only.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 362 and earlier reports; and unpublished data.

NO. 226. PREPRIMARY SCHOOL ENROLLMENT OF CHILDREN 3 TO 5 YEARS OLD, BY RACE AND AGE,
AND BY LABOR FORCE STATUS OF MOTHER: 1967 TO 1980

[As of October. Civilian noninstitutional population. Includes public and nonpublic nursery school and kindergarten programs.
Excludes 5 year olds enrolled in elementary school. Based on Current Population Survey; see text, p. 1]

RACE, AGE, AND LABOR FORCE STATUS	NUMBER OF CHILDREN (1,000)							PERCENT ENROLLED OF POPULATION			
	1967	1970	1975	1977	1978	1979	1980	1967	1970	1975	1980
Population, 3-5 years old.....	12,234	10,877	10,183	9,249	9,110	9,119	9,284	(x)	(x)	(x)	(x)
Total enrolled ^{1 2}	3,864	4,075	4,954	4,577	4,684	4,664	4,878	31.6	37.5	48.6	52.5
Nursery.....	711	1,095	1,744	1,611	1,822	1,862	1,982	5.8	10.1	17.1	21.3
Kindergarten.....	3,157	3,009	3,211	2,968	2,761	2,802	2,896	25.8	27.7	31.5	31.2
White.....	3,265	3,414	4,105	3,717	3,697	3,786	3,994	31.8	37.8	48.7	52.7
Black.....	535	585	731	728	749	750	749	29.8	34.9	48.1	51.8
3 years old.....	273	454	683	645	759	746	857	6.8	13.0	21.5	27.3
4 years old.....	870	1,003	1,418	1,200	1,313	1,393	1,423	21.3	27.9	40.5	46.3
5 years old.....	2,721	2,617	2,852	2,642	2,512	2,525	2,598	65.4	69.2	81.3	84.7
ALL RACES ³											
With mother in labor force ³	1,353	1,345	2,168	2,092	2,173	2,353	2,480	34.2	38.8	54.0	57.1
3 and 4 years old.....	466	526	973	992	1,017	1,139	1,252	18.1	23.5	38.0	43.2
5 years old.....	887	818	1,195	1,100	1,156	1,214	1,229	63.8	66.6	82.5	85.2
Married, spouse present.....	1,140	1,131	1,733	1,649	1,727	1,922	1,976	34.1	39.5	53.6	56.7
Other marital status.....	213	214	435	444	446	431	504	34.6	36.0	56.0	59.1
Employed.....	1,249	1,246	1,948	1,881	2,000	2,158	2,256	34.5	39.3	55.1	58.2
Full-time.....	817	770	1,236	1,240	1,309	1,416	1,445	33.9	38.6	55.1	57.4
Part-time.....	432	476	712	641	691	742	811	35.7	40.4	55.1	59.6
Mother not in labor force.....	2,448	2,694	2,704	2,385	2,286	2,196	2,266	30.2	37.0	45.1	48.9
WHITE											
With mother in labor force ³	1,053	1,031	1,723	1,592	1,666	1,833	1,976	34.7	39.1	54.0	56.8
3 and 4 years old.....	340	374	740	740	750	872	967	17.4	22.1	36.6	41.9
5 years old.....	713	657	983	852	916	961	1,007	66.2	69.2	84.1	86.3
Married, spouse present.....	932	913	1,449	1,334	1,408	1,583	1,671	34.7	39.1	53.3	56.6
Other marital status.....	120	119	273	258	258	250	305	34.6	38.9	57.8	58.7
Employed.....	982	959	1,566	1,458	1,567	1,706	1,840	35.2	39.3	55.0	57.8
Full-time.....	613	557	941	912	959	1,068	1,127	33.8	38.2	54.3	56.8
Part-time.....	369	402	625	546	608	638	713	37.7	41.0	56.2	59.7
Mother not in labor force.....	2,166	2,354	2,331	2,057	1,945	1,867	1,914	30.5	37.4	45.3	49.4
BLACK											
With mother in labor force ³	286	281	372	429	427	446	438	32.3	36.8	52.6	59.2
3 and 4 years old.....	122	138	191	214	231	235	244	20.7	27.3	41.0	48.9
5 years old.....	163	143	181	215	197	212	193	55.3	55.6	75.2	80.5
Married, spouse present.....	193	192	221	246	243	273	240	31.3	39.4	53.6	57.7
Other marital status.....	93	89	151	183	184	174	198	34.7	32.2	51.2	61.8
Employed.....	252	256	313	362	357	387	356	32.3	37.9	53.5	60.5
Full-time.....	194	195	244	292	289	307	269	34.4	39.0	56.7	60.0
Part-time.....	58	61	69	70	68	81	87	26.8	34.8	44.7	62.1
Mother not in labor force.....	236	298	330	269	286	277	285	26.9	33.9	44.1	45.4

X Not applicable. ¹ Includes children with mothers whose labor force status is unknown and children with no mother present in household, not shown separately. ² Includes races not shown separately.

³ Includes children with mothers who are unemployed, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 318; and unpublished data.

NO. 227. PUBLIC ELEMENTARY AND SECONDARY SCHOOL ENROLLMENT—ENGLISH SPEAKING ABILITY,
BY REGION AND RACE: 1978

[In thousands, except percent. As of fall. Limited English Speaking (LES) and Non-English Speaking (NES) defined as students who speak or use a language other than English more often than English. For definitions of regions, see source]

REGION/STATE	ENROLLMENT			RACE	ENROLLMENT		
	Total	LES/NES			Total	LES/NES	
		Number	Percent served ¹			Number	Percent served ¹
Total	41,836	926	60	White ³	31,510	69	47
Northeast	8,586	223	62	Black ³	6,578	12	42
Border ²	3,549	10	61	Hispanic	2,825	730	63
South	11,626	298	56	Asian American	594	86	54
Midwest	10,282	42	55	American Indian	329	28	39
West	7,538	349	63				
Alaska/Hawaii	256	4	76				

¹ Percent receiving bilingual education or equivalent services.

² Includes D.C.

³ Non-Hispanic.

Source: U.S. Department of Education, Office of Civil Rights, *State, Regional, and National Summaries of Data from the Fall 1978 Civil Rights Survey of Elementary and Secondary Schools, 1980*.

**NO. 228. PUBLIC ELEMENTARY AND SECONDARY STUDENTS IN SPECIAL EDUCATION PROGRAMS, BY
TIME SPENT PER WEEK AND TYPE OF HANDICAP: FALL 1978**

TYPE OF HANDICAP	Stu- dents ¹	NUMBER (1,000)			PERCENT		
		Less than 10 hours	More than 10 hours ²	Full- time	Less than 10 hours	More than 10 hours ²	Full- time
Total ³	2,807	1,597	561	650	57	20	23
Specific learning disabled.....	970	596	247	127	61	25	13
Speech impaired.....	836	802	16	17	96	2	2
Educable mentally retarded.....	599	90	237	273	15	39	46
Seriously emotionally disturbed.....	136	42	30	64	31	22	47
Trainable mentally retarded.....	95	3	7	85	3	7	90
Multihandicapped.....	39	4	6	29	11	15	74
Orthopedically impaired.....	32	9	4	19	28	12	60
Hard of hearing.....	23	13	4	6	55	19	26
Deaf.....	15	2	4	10	12	24	64
Visually handicapped.....	14	9	2	3	61	17	22

¹ Served on local school campuses only. ² Excludes full-time. ³ Includes types not shown separately.

Source: U.S. National Center for Education Statistics, *The Condition of Education*, 1981.

NO. 229. YEARS OF SCHOOL COMPLETED, BY AGE AND RACE: 1940 TO 1980

[Through 1960, as of April 1, 1940 based on complete count; 1950, on 20-percent sample; and 1960, on 25-percent sample. Beginning 1970, as of March, based on Current Population Survey; see text, p. 1. Excludes Armed Forces, except members living off post or with families on post. Beginning 1975, excludes inmates of institutions]

AGE AND YEAR	ALL PERSONS					BLACK PERSONS				
	Percent not high school graduates		Percent with 4 years of high school or more		Median school years com- pleted ¹	Percent not high school graduates		Percent with 4 years of high school or more		Median school years com- pleted ¹
	Total	With less than 5 yrs. of school	Total	College, 4 yrs. or more		Total	With less than 5 yrs. of school	Total	College, 4 yrs. or more	
25 years and over:										
1940.....	75.5	13.7	24.5	4.6	8.6	92.7	42.0	7.3	1.3	5.7
1950.....	65.7	11.1	34.3	6.2	9.3	87.1	32.9	12.9	2.1	6.8
1960.....	58.9	8.3	41.1	7.7	10.6	79.9	23.8	20.1	3.1	8.0
1970.....	44.8	5.3	55.2	11.0	12.2	66.3	15.1	33.7	6.5	9.9
1975.....	37.5	4.2	62.5	13.9	12.3	57.5	12.3	42.5	6.4	10.9
1980.....	31.4	3.4	68.6	17.0	12.5	48.7	9.2	51.2	7.9	12.0
25-29 years:										
1940.....	61.9	5.9	38.1	5.9	10.3	(NA)	27.7	11.6	1.6	7.0
1950.....	49.5	4.7	52.8	7.7	12.0	80.4	16.8	22.2	2.7	8.6
1960.....	39.3	2.8	60.7	11.1	12.3	62.3	7.0	37.7	4.8	9.9
1970.....	24.6	1.1	75.4	18.4	12.6	43.9	2.5	56.2	7.3	12.2
1975.....	16.9	1.0	83.1	21.9	12.8	29.0	.5	71.0	10.7	12.5
1980.....	14.4	.8	85.6	22.5	12.9	23.0	.7	76.9	11.6	12.6

NA Not available. ¹ For definition of median, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1940, 1950, and 1960*, vol. I; *Current Population Reports*, series P-20, Nos. 207, 295, and 356; and unpublished data.

**NO. 230. PERCENT OF POPULATION WITH LESS THAN 5 YEARS OF SCHOOL AND WITH 4 YEARS OF
HIGH SCHOOL OR MORE, BY AGE, RACE, AND SPANISH ORIGIN: 1970 TO 1980**

[Persons 25 years old and over. As of April 1970 and March 1975, 1979, and 1980]

RACE	LESS THAN 5 YEARS OF SCHOOL							4 YEARS OF HIGH SCHOOL OR MORE						
				1980							1980			
	1970	1975	1979	Total	25-34 yr.	35-64 yr.	65 yr. and over	1970	1975	1979	Total	25-34 yr.	35-64 yr.	65 yr. and over
All races ¹	5.5	4.2	3.5	3.4	1.0	2.6	9.1	52.3	62.5	67.7	68.6	85.5	69.6	40.6
White.....	4.5	3.3	2.7	2.6	.9	2.0	6.7	54.5	64.6	69.7	70.5	86.9	78.1	42.8
Black.....	14.6	12.3	9.6	9.2	.8	7.2	31.8	31.4	42.5	49.4	51.2	75.7	47.4	17.7
Spanish origin ²	19.5	18.5	17.6	15.4	7.8	15.9	42.0	32.1	37.9	42.0	45.3	57.1	41.9	18.0
Mexican.....	28.5	24.6	23.9	20.5	10.0	22.3	59.9	24.2	31.0	34.9	39.5	53.2	33.9	7.6
Puerto Rican.....	20.5	17.4	14.4	14.8	6.6	17.4	(b)	23.4	28.7	38.6	38.4	48.2	34.3	(b)
Cuban.....	8.2	7.3	6.9	5.6	1.1	4.1	17.1	43.9	51.7	50.4	54.6	77.4	53.8	31.9
Other ³	8.8	7.6	6.7	6.0	3.0	5.5	17.6	44.9	58.0	60.8	61.0	73.2	59.6	35.9

¹ B Not shown; base less than 75,000. ² Includes races not shown separately. ³ Persons of Spanish origin may be of any race. ⁴ Central or South American and other Spanish origin.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vols. I and II, *Current Population Reports*, series P-20, Nos. 207, 295, 356; and unpublished data.

NO. 231. YEARS OF SCHOOL COMPLETED, BY RACE, SEX, AND SPANISH ORIGIN: 1960 TO 1980

[Persons 25 years old and over. Persons of Spanish origin may be of any race. For definition of median, see Guide to Tabular Presentation. See headnote, table 229. See also *Historical Statistics, Colonial Times to 1970*, series H 602-617]

YEAR, RACE, AND SEX	Popula- tion (1,000)	PERCENT OF POPULATION COMPLETING—							Median school years completed
		Elementary school			High school		College		
		0-4 years	5-7 years	8 years	1-3 years	4 years	1-3 years	4 years or more	
1960, all races.....	99,438	8.3	13.8	17.5	19.2	24.6	8.8	7.7	10.6
White.....	89,581	6.7	12.8	18.1	19.3	25.8	9.3	8.1	10.9
Male.....	43,259	7.4	13.7	18.7	18.9	22.2	9.1	10.3	10.7
Female.....	46,322	6.0	11.9	17.8	19.6	29.2	9.5	6.0	11.2
Black.....	9,054	23.8	24.2	12.9	19.0	12.9	4.1	3.1	8.0
Male.....	4,240	28.3	23.9	12.3	17.3	11.3	4.1	2.8	7.7
Female.....	4,814	19.8	24.5	13.4	20.5	14.3	4.1	3.3	8.6
1970, all races.....	109,310	5.3	9.1	13.4	17.1	34.0	10.2	11.0	12.2
White.....	98,112	4.2	8.3	13.6	16.5	35.2	10.7	11.6	12.2
Male.....	46,606	4.5	8.8	13.9	15.6	30.9	11.3	15.0	12.2
Female.....	51,506	3.9	7.8	13.4	17.3	39.0	10.1	8.6	12.2
Black.....	10,069	15.1	16.7	11.2	23.3	23.4	6.9	4.5	9.9
Male.....	4,619	18.6	16.0	11.1	21.9	22.2	6.7	4.6	9.6
Female.....	5,470	12.1	17.3	11.3	24.5	24.4	6.0	4.4	10.2
1975, all races.....	116,897	4.2	7.4	10.3	15.6	36.2	12.4	13.9	12.3
White.....	104,065	3.3	6.6	10.6	15.0	37.3	12.8	14.5	12.4
Male.....	49,259	3.6	6.8	10.5	14.0	33.1	13.6	18.4	12.5
Female.....	54,806	3.0	6.4	10.6	15.9	41.1	12.1	11.0	12.3
Black.....	11,096	12.3	14.3	8.5	22.3	27.1	9.0	6.4	10.9
Male.....	4,925	15.3	14.7	8.1	20.2	25.2	9.7	6.7	10.7
Female.....	6,171	9.8	14.0	8.9	24.0	28.6	8.5	6.2	11.1
Spanish origin.....	4,762	18.5	17.9	10.3	15.3	23.0	8.7	6.4	9.6
Male.....	2,258	18.2	17.1	10.0	15.3	21.1	10.1	8.3	9.8
Female.....	2,504	18.8	18.7	10.6	15.3	24.7	7.4	4.6	9.3
1980, all races.....	127,882	3.4	5.9	8.2	13.9	36.8	14.8	17.0	12.5
White.....	112,899	2.6	5.3	8.4	13.2	37.7	15.1	17.8	12.5
Male.....	53,556	2.7	5.5	8.3	12.5	33.2	15.8	22.0	12.6
Female.....	59,343	2.5	5.2	8.4	13.7	41.7	14.4	14.0	12.5
Black.....	12,613	9.2	11.0	7.2	21.2	30.9	12.5	7.9	12.0
Male.....	5,585	11.5	10.6	7.1	19.7	30.0	13.4	7.6	12.0
Female.....	7,027	7.4	11.4	7.3	22.5	31.6	11.8	8.1	12.0
Spanish origin.....	5,896	15.4	15.7	8.7	15.0	26.8	10.5	7.9	10.9
Male.....	2,893	15.5	14.7	8.4	14.9	24.4	12.3	9.7	11.2
Female.....	3,004	15.2	16.6	9.0	15.0	29.2	8.7	6.2	10.6

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. I, and *Current Population Reports*, series P-20, Nos. 207, 295; 356, and unpublished data.

NO. 232. YEARS OF SCHOOL COMPLETED, BY RACE, SEX, AND AGE: 1980

[Persons 25 years old and over as of March 1980. See headnote, table 229. For definition of median, see Guide to Tabular Presentation]

RACE, SEX, AND AGE	Population (1,000)	PERCENT OF POPULATION COMPLETING—							Median school years completed
		Elementary school			High school		College		
		0-4 years	5-7 years	8 years	1-3 years	4 years	1-3 years	4 years or more	
All races.....	127,882	3.4	5.9	8.2	13.9	36.8	14.8	17.0	12.5
Male.....	60,257	3.6	6.0	8.1	13.2	32.8	15.5	20.8	12.6
Female.....	67,624	3.1	5.9	8.2	14.6	40.5	14.1	13.5	12.4
25-29 years.....	18,433	.8	1.7	1.9	10.0	40.9	22.2	22.5	12.9
30-34 years.....	16,831	1.1	2.1	2.0	9.3	38.4	21.1	26.0	12.9
35-44 years.....	25,339	1.5	3.1	4.1	13.2	41.3	16.2	20.7	12.7
45-54 years.....	22,632	2.8	5.3	7.1	16.5	40.2	12.4	15.6	12.5
55 years and over.....	44,647	6.6	11.1	16.0	16.4	30.3	9.8	9.9	12.0
Black.....	12,613	9.2	11.0	7.2	21.2	30.9	12.5	7.9	12.0
25-29 years.....	2,079	.7	2.6	2.0	17.8	44.0	21.3	11.6	12.6
30-34 years.....	1,753	.9	3.5	2.3	19.1	39.0	21.6	13.7	12.6
35-44 years.....	2,673	2.9	5.1	4.9	23.7	40.7	14.4	8.2	12.3
45-54 years.....	2,268	7.2	12.1	9.6	28.9	26.7	8.2	7.3	11.2
55 years and over.....	3,840	23.2	22.6	12.7	17.9	15.6	4.7	3.4	8.3

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

No. 233. ILLITERACY—AGE, SEX, AND RACE: 1959 TO 1979

[Persons 14 years old and over. Relates to civilian noninstitutional population. 1959 excludes Alaska and Hawaii. Based on Current Population Survey; see text, p. 1. Persons unable to both read and write in any language classified as illiterate. Information on illiteracy was obtained in 1969 only for persons completing less than 6 years of school and in 1979 only for persons attending less than 6 years of school. See also *Historical Statistics, Colonial Times to 1970*, series H 669-688]

AGE AND SEX	PERCENT ILLITERATE OF THE POPULATION								
	Total			White			Black		
	1959	1969	1979	1959	1969	1979	1959	1969	1979
Total, 14 years and over	2.2	1.0	.5	1.6	.7	.4	7.5	3.6	1.6
14-24 years	.6	.3	.2	.5	.2	.2	1.2	.5	.2
25-44 years	1.2	.5	.3	.8	.4	.2	5.1	1.3	.5
45-64 years	2.6	1.1	.7	1.8	.7	.5	11.3	5.5	2.6
65 years and over	6.5	3.5	1.4	5.1	2.3	.8	25.5	16.7	6.8
Male, 14 years and over	2.5	1.1	(NA)	1.7	.7	(NA)	9.8	4.3	(NA)
14-24 years	.8	.3	(NA)	.7	.3	(NA)	1.7	.6	(NA)
25-44 years	1.6	.5	(NA)	1.0	.4	(NA)	7.1	2.1	(NA)
45-64 years	3.2	1.3	(NA)	2.0	.8	(NA)	15.6	7.4	(NA)
65 years and over	6.9	3.4	(NA)	5.3	2.1	(NA)	28.3	17.2	(NA)
Female, 14 years and over	1.8	1.0	(NA)	1.4	.7	(NA)	5.4	2.9	(NA)
14-24 years	.3	.2	(NA)	.3	.2	(NA)	.7	.3	(NA)
25-44 years	.9	.5	(NA)	.6	.5	(NA)	3.4	.6	(NA)
45-64 years	2.1	.9	(NA)	1.6	.6	(NA)	7.3	4.0	(NA)
65 years and over	6.2	3.5	(NA)	5.0	2.4	(NA)	23.0	16.2	(NA)

NA Not available.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 99 and 217; and unpublished data.

No. 234. PERCENT ILLITERATE OF POPULATION—STATES: 1900 TO 1970

[Relates to population 15 years old and over for 1900 to 1930 and 14 years old and over for 1950 to 1970. Beginning 1950, data are estimated. Persons unable to both read and write in any language classified as illiterate. See *Current Population Reports*, series P-23, No. 8, for method of estimating illiteracy by States]

REGION AND STATE	1900	1920	1930	1950	1960	1970	REGION AND STATE	1900	1920	1930	1950	1960	1970
United States	11.3	6.5	4.8	3.3	2.4	1.2	So. Atlantic—Con.						
New England:							Virginia	24.3	12.2	9.7	4.9	3.4	1.4
Maine	5.5	3.6	3.0	2.0	1.3	.7	West Virginia	12.6	7.2	5.5	3.5	2.7	1.4
New Hampshire	6.7	4.9	3.0	2.0	1.4	.7	No. Carolina	30.1	15.0	11.5	5.5	4.0	1.8
Vermont	6.4	3.3	2.4	1.7	1.1	.6	So. Carolina	37.4	20.9	16.7	7.9	5.5	2.3
Massachusetts	6.5	5.3	4.0	2.8	2.2	1.1	Georgia	32.1	16.7	10.4	6.9	4.5	2.0
Rhode Island	9.2	7.2	5.5	3.1	2.4	1.3	Florida	23.4	10.2	7.7	3.9	2.6	1.3
Connecticut	6.5	6.9	5.1	3.1	2.2	1.1	East So. Central:						
Middle Atlantic:							Kentucky	18.1	9.4	7.3	4.3	3.3	1.6
New York	6.1	5.6	4.1	3.5	2.9	1.4	Tennessee	21.9	11.3	8.0	4.7	3.5	1.7
New Jersey	6.5	5.8	4.3	2.9	2.2	1.1	Alabama	35.1	17.8	14.0	6.2	4.2	2.1
Pennsylvania	6.9	5.7	3.5	2.7	2.0	1.0	Mississippi	34.1	18.8	14.8	7.1	4.9	2.4
East No. Central:							West So. Central:						
Ohio	4.5	3.2	2.5	1.9	1.5	.8	Arkansas	21.3	10.2	7.6	5.0	3.6	1.9
Indiana	5.2	2.5	1.8	1.7	1.2	.7	Louisiana	39.6	23.4	15.1	9.8	6.3	2.8
Illinois	4.8	3.8	2.7	2.3	1.8	.9	Oklahoma	11.7	4.1	3.1	2.5	1.9	1.1
Michigan	4.8	3.4	2.2	2.0	1.6	.9	Texas	15.6	8.9	7.3	5.4	4.1	2.2
Wisconsin	5.4	2.8	2.1	1.7	1.2	.7	Mountain:						
West No. Central:							Montana	6.6	2.5	1.9	1.8	1.0	.6
Minnesota	4.6	2.1	1.4	1.5	1.0	.6	Idaho	5.1	1.7	1.2	1.3	.8	.6
Iowa	2.7	1.2	.9	.9	.7	.5	Wyoming	4.4	2.3	1.8	1.7	.9	.6
Missouri	7.0	3.4	2.5	2.1	1.7	.8	Colorado	4.5	3.6	3.1	2.0	1.3	.7
North Dakota	6.1	2.5	1.7	2.3	1.4	.8	New Mexico	35.7	17.4	14.9	6.6	4.0	2.2
South Dakota	5.8	1.9	1.4	1.5	.9	.5	Arizona	30.0	15.9	11.0	6.2	3.8	1.8
Nebraska	2.6	1.5	1.3	1.2	.9	.6	Utah	3.6	2.2	1.4	1.4	.9	.6
Kansas	3.3	1.8	1.4	1.3	.9	.6	Nevada	13.8	6.4	4.8	2.2	1.1	.5
South Atlantic:							Pacific:						
Delaware	13.2	6.6	4.4	2.7	1.9	.9	Washington	3.4	1.9	1.1	1.3	.9	.6
Maryland	12.1	6.1	4.2	2.7	1.9	.9	Oregon	3.7	1.6	1.1	1.2	.8	.6
District of Columbia	9.4	3.0	1.7	1.8	1.9	1.1	California	5.3	3.6	2.8	2.2	1.8	1.1
							Alaska	40.6	24.6	20.5	6.3	3.0	1.5
							Hawaii	35.2	21.2	17.5	8.4	5.0	1.9

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

NO. 235. YEARS OF SCHOOL COMPLETED, BY STATES: 1976

[In thousands of persons 18 years old and over, except as indicated. For definition of median, see Guide to Tabular Presentation]

REGION AND STATE	Population	YEARS OF SCHOOL COMPLETED						Median school years completed	PERCENT HIGH SCHOOL GRADUATES				
		Elementary school		High school		College			Total	18-24 years		25 years and over	
		0-4 years	5-8 years	1-3 years	4 years	1-3 years	4 yr. or more			Male	Female	Male	Female
U.S.	146,349	4,928	20,621	23,337	52,696	24,382	20,385	12.5	66.6	78.2	79.7	64.1	63.5
N.E.	8,461	184	1,075	1,251	3,076	1,469	1,406	12.6	70.3	81.3	81.6	68.1	67.7
Maine	727	9	104	122	282	112	99	12.5	67.8	80.7	79.0	64.1	65.9
N.H.	562	6	76	84	204	105	86	12.6	70.3	73.3	82.0	67.9	69.6
Vt.	320	3	50	43	117	56	50	12.5	69.7	83.0	83.3	64.6	69.6
Mass.	4,046	98	453	571	1,505	739	680	12.6	72.3	84.3	80.6	70.1	69.7
R.I.	645	22	106	118	212	90	96	12.4	61.7	75.3	78.2	61.4	56.1
Conn.	2,162	46	285	312	757	367	395	12.6	70.3	78.8	85.0	68.3	67.3
M.A.	26,004	704	3,789	4,401	9,558	3,786	3,767	12.4	65.8	81.4	81.3	63.1	62.0
N.Y.	12,713	380	1,746	2,166	4,328	2,062	2,030	12.5	66.2	81.3	78.5	64.4	62.6
N.J.	5,040	138	716	840	1,854	741	752	12.4	66.4	78.9	81.3	64.1	62.9
Pa.	8,250	186	1,326	1,395	3,376	983	985	12.4	64.8	83.0	85.3	60.5	60.5
E.N.C.	27,685	545	3,782	4,619	11,010	4,290	3,439	12.4	67.7	79.7	81.1	64.3	65.1
Ohio	7,261	123	960	1,263	3,120	961	834	12.4	67.7	79.9	80.1	64.0	65.7
Ind.	3,571	68	492	618	1,505	494	394	12.4	67.0	81.4	80.4	64.6	63.2
Ill.	7,566	199	1,147	1,216	2,651	1,316	1,037	12.5	66.1	78.5	80.3	63.9	62.4
Mich.	6,159	111	711	1,109	2,436	1,016	776	12.5	68.6	79.6	82.3	63.7	67.3
Wis.	3,129	44	473	413	1,299	502	398	12.5	70.3	80.6	83.6	66.5	58.3
W.N.C.	11,382	168	1,811	1,445	4,567	1,919	1,471	12.5	69.9	82.9	84.7	65.7	67.5
Minn.	2,637	30	386	311	1,104	456	350	12.5	72.4	82.6	87.6	67.6	70.9
Iowa	1,942	18	287	233	838	318	248	12.5	72.3	84.9	84.8	67.6	71.1
Mo.	3,314	82	616	493	1,258	474	391	12.4	64.1	77.2	77.4	61.7	60.8
N. Dak.	417	7	86	43	143	88	51	12.5	67.6	85.7	89.0	57.7	66.4
S. Dak.	457	5	90	47	171	92	52	12.5	68.9	87.1	90.1	60.3	67.8
Nebr.	1,046	10	141	118	420	207	150	12.6	74.3	87.0	90.0	70.1	71.7
Kans.	1,569	16	206	199	633	285	229	12.6	73.1	87.5	86.9	69.6	69.8
S.A.	23,484	1,163	3,742	4,077	7,649	3,589	3,263	12.4	61.7	72.4	76.0	59.6	58.6
Del.	394	7	46	66	143	70	61	12.5	69.5	78.7	82.8	67.0	66.9
Md.	2,776	59	356	436	976	433	516	12.6	69.3	77.2	79.0	68.4	66.4
D.C.	504	18	69	86	138	79	114	12.6	65.7	69.4	77.6	62.5	64.7
Va.	3,429	157	490	579	1,089	551	563	12.4	64.2	68.0	79.1	62.4	61.9
W. Va.	1,271	63	315	215	418	143	117	12.1	53.3	72.7	72.7	49.3	49.8
N.C.	3,748	240	705	732	1,099	528	444	12.2	55.3	66.8	73.7	50.2	53.4
S.C.	1,871	129	310	363	606	267	195	12.2	57.1	69.5	74.6	53.7	53.0
Ga.	3,319	264	534	573	1,074	466	409	12.3	58.7	76.0	71.5	57.3	53.7
Fla.	6,171	226	917	1,028	2,104	1,052	844	12.4	64.8	75.3	77.0	63.9	61.6
E.S.C.	9,198	607	1,900	1,701	2,854	1,172	964	12.1	54.3	67.2	71.6	50.6	51.3
Ky.	2,307	132	548	397	728	270	231	12.1	53.3	72.1	69.1	49.1	49.9
Tenn.	2,921	187	621	508	906	392	307	12.2	54.9	70.0	73.7	51.8	50.7
Ala.	2,442	167	431	489	802	303	251	12.2	55.5	60.8	73.2	52.9	53.5
Miss.	1,527	121	300	307	417	207	175	12.1	52.3	64.0	68.7	47.2	50.6
W.S.C.	14,099	852	2,044	2,364	4,783	2,287	1,768	12.4	62.7	74.7	76.3	61.1	57.9
Ark.	1,473	88	280	277	519	175	134	12.2	56.2	69.0	73.0	54.1	52.5
La.	2,459	214	418	395	806	344	283	12.3	58.3	72.9	76.1	55.0	53.0
Okla.	1,875	54	291	300	686	324	220	12.4	65.6	82.5	82.6	62.5	61.0
Tex.	8,292	497	1,055	1,393	2,771	1,444	1,132	12.4	64.5	74.5	75.6	63.8	59.7
Mt.	6,490	143	630	892	2,374	1,389	1,061	12.7	74.3	81.2	81.9	72.9	72.1
Mont.	506	6	66	67	195	100	72	12.6	72.5	83.1	84.5	67.5	71.8
Idaho	547	8	61	87	204	113	74	12.6	71.5	82.1	80.6	68.6	69.2
Wyo.	255	3	25	36	101	54	37	12.6	75.3	85.1	84.6	71.5	73.7
Colo.	1,735	23	150	208	638	381	336	12.8	78.1	82.2	83.8	77.0	76.5
N. Mex.	750	43	98	116	250	128	115	12.5	65.7	75.2	75.0	63.8	63.0
Ariz.	1,528	51	154	214	534	334	240	12.6	72.5	79.0	80.0	72.0	69.7
Utah.	758	5	42	103	285	190	123	12.8	80.2	85.4	85.6	79.8	77.7
Nev.	411	5	34	61	167	90	54	12.6	75.7	80.9	82.4	75.6	73.0
Pac.	19,547	561	1,848	2,587	6,825	4,483	3,243	12.7	74.4	81.4	81.5	73.3	82.4
Wash.	2,417	25	228	320	944	512	388	12.7	76.3	82.0	84.0	73.8	75.6
Oreg.	1,607	17	160	215	616	350	248	12.7	75.5	85.1	83.2	72.4	74.6
Calif.	14,741	482	1,385	1,966	4,984	3,450	2,47	12.7	74.0	80.4	80.6	73.4	81.8
Alaska.	216	6	14	24	86	48	38	12.7	79.6	81.4	83.6	79.4	88.1
Hawaii.	566	31	61	61	196	122	95	12.7	73.0	90.4	86.0	70.7	66.5

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

NO. 236. MEDIAN MONEY INCOME OF PERSONS WITH INCOME, BY SEX AND EDUCATIONAL ATTAINMENT: 1970 TO 1979

(In thousands of dollars. For persons 18 years old and over, except as noted. Based on Current Population Survey; see Appendix III. For definition of median, see Guide to Tabular Presentation)

ITEM	MALE							FEMALE						
	1970 ¹	1974	1975	1976	1977	1978	1979	1970 ¹	1974	1975	1976	1977	1978	1979
Median income, total.....	7.9	9.0	9.4	10.1	10.7	11.7	12.5	2.6	3.3	3.6	3.9	4.3	4.4	4.7
Elementary school:														
Less than 8 years.....	3.6	4.5	4.6	5.0	5.4	5.6	5.9	1.4	2.1	2.2	2.4	2.5	2.7	2.9
8 years.....	5.4	6.4	6.5	6.8	7.0	7.5	7.9	1.8	2.4	2.6	2.8	3.0	3.1	3.3
High school: 1-3 years.....	7.3	7.6	7.4	7.8	7.9	8.6	9.1	2.4	2.8	3.0	3.1	3.3	3.3	3.6
4 years.....	8.8	9.9	10.2	10.7	11.5	12.3	13.3	3.4	3.8	4.2	4.6	4.9	5.0	5.1
College: 1-3 years.....	9.9	9.8	10.4	10.6	11.5	12.5	13.9	3.7	3.8	4.3	4.4	4.9	5.2	5.6
4 years.....	12.1	13.4	14.4	15.4	16.2	17.4	19.1	5.4	6.2	7.0	7.1	7.6	7.8	8.1
5 or more years.....	13.4	16.2	17.5	18.0	19.7	21.0	22.8	7.9	9.1	10.1	10.2	10.8	11.1	11.9

¹ Persons 25 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 80, 97, 105, 114, 118, 123, and 128.

NO. 237. EMPLOYED PERSONS BY YEARS OF HIGH SCHOOL COMPLETED, BY OCCUPATION GROUP AND BY SEX AND RACE: 1970 AND 1980

[Relates to civilian noninstitutional population 18 years old and over in 1970, and 16 years old and over in 1980. As of March. Service includes private household workers. Based on Current Population Survey; see text, p. 1]

SEX, RACE, AND YEARS OF HIGH SCHOOL COMPLETED	1970					1980				
	Em- ployed (mil.)	Percent				Em- ployed (mil.)	Percent			
		White collar	Blue collar	Serv- ice	Farm		White collar	Blue collar	Serv- ice	Farm
Male, White:										
Less than 4 years.....	14.7	18.5	64.8	7.5	9.1	11.6	15.5	64.0	13.6	6.9
4 years or more.....	27.7	58.0	34.6	4.6	2.9	38.2	53.0	37.6	6.5	2.8
Male, Black and other: ¹										
Less than 4 years.....	2.6	8.8	71.6	12.6	7.0	1.7	8.5	65.4	20.2	5.8
4 years or more.....	2.0	42.1	47.3	9.2	1.4	2.8	32.6	51.9	14.6	.9
Female, White:										
Less than 4 years.....	6.9	30.3	35.6	31.0	3.2	6.7	32.8	29.5	35.5	2.2
4 years or more.....	18.1	77.9	9.0	12.3	.8	29.3	76.2	9.3	13.8	.7
Female, Black and other: ¹										
Less than 4 years.....	1.7	10.3	21.5	67.0	1.2	1.3	14.9	22.5	62.0	.5
4 years or more.....	1.9	56.8	15.8	27.3	.2	3.0	63.4	14.4	21.8	.4

¹ For 1980, data are for Black only.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report*, No. 125, and forthcoming report.

NO. 238. SCHOOL DAYS LOST ASSOCIATED WITH ACUTE AILMENTS: 1975 AND 1978

[Children 6-16 years of age. Based on data collected during the periods July-June 1975 and July-June 1978, respectively. Based on a sample of the civilian noninstitutional population; see Appendix III]

CONDITION	TOTAL DAYS LOST (mil.)						DAYS LOST PER 100 CHILDREN PER YEAR					
	1975			1978			1975			1978		
	Total	Male	Fe- male	Total	Male	Fe- male	Total	Male	Fe- male	Total	Male	Fe- male
All acute conditions.....	193	97	96	201	94	107	451	447	456	490	448	533
Infective and parasitic diseases.....	35	19	16	29	13	16	81	86	77	70	61	80
Respiratory conditions.....	112	52	60	131	61	70	261	239	284	320	291	350
Upper respiratory.....	52	25	27	60	28	32	121	113	130	146	132	160
Influenza and other.....	60	27	32	71	33	38	140	126	154	174	159	190
Digestive system conditions.....	9	4	4	8	4	4	21	20	21	20	19	21
Injuries.....	22	14	8	16	9	7	52	67	36	38	42	34
All other acute conditions.....	15	7	8	17	7	10	36	34	38	41	35	48

Source: U.S. National Center for Health Statistics, series 10, Nos. 114 and 132, *Acute Conditions, Incidence and Associated Disability*; and unpublished data.

No. 239. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY: 1960 TO 1980

[Revenue and expenditure data for years ending June 30. See also *Historical Statistics, Colonial Times to 1970*, series H 420, H 487-507, and H 520-530]

ITEM	1960	1966	1970	1972	1974	1976	1978	1979	1980
ENROLLMENT (day schools only)									
Total population¹ (mil.)	179.3	193.8	203.2	206.2	209.9	213.0	216.4	218.2	220.1
Population 5-17 years ¹ (mil.)	43.9	50.0	52.5	52.3	51.5	50.4	49.0	48.0	46.9
Percent of total population	24.5	25.8	25.8	25.4	24.5	23.6	22.7	22.0	21.3
Pupils enrolled (mil.)	36.1	42.8	² 45.6	² 46.1	² 45.4	² 44.8	² 43.6	² 42.6	² 41.6
Percent of total population	20.1	22.1	22.4	22.3	21.6	21.0	20.2	19.5	18.9
Percent of population 5-17 years	82.2	85.7	86.9	88.1	88.2	88.9	89.0	88.7	88.7
Average daily attendance (mil.)	32.5	39.2	41.9	42.3	41.4	41.3	40.2	39.1	38.4
Percent of pupils enrolled	90.0	91.4	91.9	91.7	91.2	92.2	92.0	91.8	92.3
Average length of term in days	178.0	178.9	178.9	179.3	178.7	178.3	(NA)	(NA)	(NA)
Average number of days attended per enrolled pupil	160.2	163.5	161.7	161.7	159.5	161.1	(NA)	(NA)	(NA)
INSTRUCTIONAL STAFF (day schools only)									
Total³ (1,000)	1,464	1,885	2,253	2,322	2,425	2,476	2,351	2,337	2,332
Classroom teachers (1,000)	1,355	1,786	2,023	2,070	2,155	2,196	2,208	2,199	2,181
Male ⁴ (1,000)	393	568	656	695	723	741	(NA)	(NA)	(NA)
Percent ⁴	29.0	31.8	32.4	33.7	33.5	33.7	(NA)	(NA)	(NA)
Female ⁴ (1,000)	962	1,218	1,367	1,375	1,432	1,455	(NA)	(NA)	(NA)
Principals (1,000)	64	77	91	97	100	104	(NA)	(NA)	(NA)
Supervisors (1,000)	14	22	32	37	38	35	(NA)	(NA)	(NA)
REVENUES									
Total (mil. dol.)	14,747	25,367	40,267	50,004	58,231	71,206	81,440	88,057	90,405
Federal (mil. dol.)	652	1,997	3,220	4,468	4,930	6,318	7,699	8,643	7,674
State (mil. dol.)	5,768	9,920	16,063	19,133	24,113	31,776	35,005	40,246	42,805
Local (incl. intermediate) (mil. dol.)	8,327	13,440	20,985	26,402	29,187	33,112	38,736	39,168	39,927
EXPENDITURES									
Total (mil. dol.)	15,613	26,248	40,683	48,050	56,970	70,629	80,844	86,712	90,177
Current expenditure for day schools (mil. dol.)	12,329	21,053	34,218	41,818	50,025	62,083	73,058	78,951	80,342
Other current expenditure ⁵ (mil. dol.)	133	648	636	⁶ 395	⁶ 453	⁶ 554	⁶ 589	⁶ 357	⁶ 1,162
Capital outlay (mil. dol.)	⁸ 2,662	3,755	4,659	4,459	4,979	6,146	5,245	5,448	6,173
Interest (mil. dol.)	490	792	1,171	1,378	1,514	1,846	1,952	1,955	2,500
In current dollars:									
Total expenditure:									
Per capita of total population (dol.)	87	135	200	233	271	332	374	397	410
Per pupil in average daily attendance in day schools ⁹ (dol.)	472	654	955	1,128	1,364	1,698	2,011	2,210	2,350
Current expenditure per pupil in average daily attendance in day schools ¹⁰ (dol.)	375	537	816	990	1,207	1,504	1,823	2,021	2,124
Salaries of total instructional staff (mil. dol.)	7,671	13,068	20,879	24,292	28,110	30,009	(NA)	(NA)	(NA)
Average annual salary per member (dol.)	5,174	6,935	8,840	10,100	11,185	¹² 12,448	¹² 14,244	¹² 15,615	¹² 16,813
In 1980 dollars:									
Total expenditure (mil. dol.)	41,251	63,812	83,620	90,651	94,821	98,845	100,206	98,253	90,177
Per capita of total population (dol.)	230	328	411	440	451	465	464	450	410
Per pupil in average daily attendance in day schools ⁹ (dol.)	1,247	1,590	1,963	2,128	2,270	2,376	2,493	2,504	2,350
Current expenditure per pupil in average daily attendance in day schools ¹⁰ (dol.)	991	1,306	1,677	1,868	2,009	2,105	2,260	2,290	2,124
Average annual salary per member of total instructional staff (dol.)	13,670	16,860	18,170	19,055	18,616	¹² 17,421	¹² 17,655	¹² 17,693	¹² 16,813

NA Not available. ¹For 1960 and 1970, enumerated population as of April 1; for all other years, estimated population as of July 1 of preceding year. Excludes Armed Forces abroad. ²As of fall of preceding year. ³Includes librarians and other non-supervisory instructional staff, not shown separately. ⁴Estimated. ⁵Comprises summer schools, community colleges, adult education, and community services. ⁶Excludes adult education and community colleges. ⁷Includes adult education, summer school, Head Start, and other education programs. ⁸Excludes capital outlay by State and local schoolhousing authorities. ⁹Based on current expenditures allocable to pupil costs, capital outlay, and interest. ¹⁰Excludes current expenditures not allocable to pupil costs.

Source: U.S. National Center for Education Statistics, *Statistics of State School Systems*, biennial; and *Statistics of Public Elementary and Secondary Schools*, annual.

**NO. 240. PUBLIC ELEMENTARY AND SECONDARY SCHOOL ENROLLMENT AND RATE, 1970 AND 1980,
ATTENDANCE, 1980, AND LENGTH OF TERM, 1976—STATES**

[Enrollment as of fall of preceding year. ADA=Average daily attendance; ADM=Average daily membership]

STATE	ENROLLMENT (1,000)		ENROLLMENT RATE ¹		Per- cent ADA of ADM, 1980	Avg. days in school year, 1976 (days)	STATE	ENROLLMENT (1,000)		ENROLLMENT RATE ¹		Per- cent ADA of ADM, 1980	Avg. days in school year, 1976 (days)
	1970	1980	1970	1980				1970	1980	1970	1980		
U.S.	45,619	41,579	86.9	87.7	94.1	178.3	S.A.—Con.						
N.E.	2,465	2,254	83.2	89.3	91.7	179.9	W. Va.....	401	388	90.7	93.7	(NA)	179.1
Maine.....	240	228	92.7	93.8	93.6	175.4	N.C.....	1,186	1,150	89.6	91.8	93.6	180.0
N.H.....	152	171	80.4	87.2	98.2	179.6	S.C.....	648	625	90.0	88.9	96.5	180.0
Vt.....	100	98	85.5	89.1	96.0	177.0	Ga.....	1,113	1,078	90.9	87.6	93.6	180.0
Mass.....	1,147	1,036	81.7	89.9	90.0	181.0	Fla.....	1,408	1,508	87.5	84.3	(NA)	180.0
R.I.....	180	154	80.0	82.8	93.7	180.0	E.S.C.	2,996	2,779	87.8	85.9	94.4	175.9
Conn.....	646	567	84.1	88.9	91.0	180.0	Ky.....	704	677	83.4	84.6	93.2	175.2
M.A.	7,287	6,226	80.2	83.5	90.6	179.0	Tenn.....	891	866	88.9	89.0	93.4	175.7
N.Y.....	3,514	2,969	80.6	83.6	89.0	177.3	Ala.....	826	754	88.5	87.2	96.0	175.9
N.J.....	1,455	1,288	80.9	84.3	92.3	180.3	Miss.....	575	482	90.6	80.5	95.0	177.3
Pa.....	2,318	1,969	79.3	82.8	92.0	180.6	W.S.C.	4,682	4,709	90.4	90.2	93.4	178.6
E.N.C.	9,118	7,870	85.1	87.6	(NA)	178.2	Ark.....	460	453	92.6	91.5	94.8	175.0
Ohio.....	2,424	2,025	86.0	87.7	92.3	178.1	La.....	854	800	82.0	82.6	92.8	179.7
Ind.....	1,224	1,084	88.4	90.4	93.7	181.4	Okla.....	613	583	95.6	93.7	94.6	175.1
Ill.....	2,324	2,043	81.3	85.2	94.9	174.1	Tex.....	2,755	2,873	91.8	91.6	93.1	179.7
Mich.....	2,166	1,860	88.5	90.0	(NA)	180.0	Mt.	2,100	2,274	90.9	92.3	(NA)	170.7
Wis.....	980	858	81.5	84.9	92.9	180.1	Mont.....	175	158	89.3	94.6	94.3	180.7
W.N.C.	3,817	3,161	88.8	88.9	(NA)	176.6	Idaho.....	180	203	90.0	95.3	96.1	180.0
Minn.....	914	778	87.0	89.9	94.0	176.5	Wyo.....	87	96	93.5	95.0	93.4	180.4
Iowa.....	681	548	88.9	90.7	94.8	175.8	Colo.....	538	551	91.5	93.1	94.1	179.7
Mo.....	1,077	873	91.0	86.6	(NA)	175.0	N. Mex.....	276	276	89.0	91.4	95.0	180.0
N. Dak.....	148	118	84.6	86.1	98.2	180.1	Ariz.....	418	509	86.0	88.1	(NA)	175.0
S. Dak.....	167	134	89.3	91.2	95.5	175.7	Utah.....	302	333	96.8	95.1	94.4	180.0
Nebr.....	331	287	85.3	88.6	95.9	176.8	Nev.....	124	148	98.4	93.1	98.9	180.0
Kans.....	519	423	90.6	90.4	93.9	180.0	Pac.	6,153	5,538	91.8	87.5	(NA)	176.8
S.A.	7,004	6,768	89.0	88.7	(NA)	180.2	Wash.....	820	765	93.2	91.8	93.0	180.0
Del.....	130	104	87.2	82.5	91.6	180.0	Oreg.....	479	467	89.7	89.0	92.8	178.0
Md.....	892	778	85.9	86.8	91.5	181.4	Calif.....	4,598	4,048	92.0	86.5	(NA)	176.0
D.C.....	149	106	90.9	97.2	86.1	182.0	Alaska.....	77	89	87.7	97.8	92.9	179.9
Va.....	1,077	1,031	89.9	92.5	93.0	180.4	Hawaii.....	179	169	87.3	85.4	91.8	177.9

NA Not available. ¹ Percent of persons, 5-17 years. 1970 based on enumerated resident population as of April 1, 1970; 1980, on enumerated resident population as of April 1, 1980. ² Estimated.

Source: U.S. National Center for Education Statistics, *Statistics of State School Systems*, biennial; and *Digest of Education Statistics*, annual.

NO. 241. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY GRADE: 1960 TO 1979

[For school year through 1965; thereafter, as of fall of year. Beginning 1975, kindergarten includes nursery schools. Ungraded and special classes prorated among grades. Twelfth grade includes postgraduates. See also *Historical Statistics, Colonial Times to 1970*, series H 420-424]

GRADE	ENROLLMENT (1,000)								PERCENT DISTRIBUTION			
	1960	1965	1970	1975	1976	1977	1978	1979	1960	1970	1975	1979
Pupils enrolled	36,087	42,280	45,909	44,791	44,317	43,577	42,611	41,579	100.0	100.0	100.0	100.0
Kindergarten and grades 1-8	27,602	30,652	32,577	30,487	30,006	29,336	28,455	27,884	76.5	71.0	68.1	67.1
Kindergarten.....	1,923	2,250	2,559	2,945	2,919	2,742	2,642	2,675	5.3	5.6	6.6	6.4
First.....	3,793	4,014	4,814	3,236	3,330	3,295	3,062	2,938	10.3	8.3	7.2	7.1
Second.....	3,436	3,800	3,654	3,027	3,084	3,199	3,148	2,896	9.5	8.0	6.8	7.0
Third.....	3,302	3,662	3,662	3,038	2,966	3,060	3,158	3,096	9.2	8.0	6.8	7.4
Fourth.....	3,146	3,523	3,676	3,112	3,024	2,979	3,046	3,130	8.7	8.0	6.9	7.5
Fifth.....	3,118	3,465	3,634	3,281	3,115	3,019	2,980	3,055	8.6	7.9	7.3	7.3
Sixth.....	3,070	3,362	3,599	3,476	3,297	3,111	3,036	2,999	8.5	7.8	7.8	7.2
Seventh.....	3,173	3,363	3,662	3,619	3,576	3,384	3,228	3,128	8.8	8.0	8.1	7.5
Eighth.....	2,701	3,212	3,601	3,636	3,581	3,533	3,355	3,168	7.5	7.8	8.1	7.6
Grades 9-12	8,485	11,628	13,332	14,304	14,310	14,240	14,156	13,694	23.5	29.0	31.9	32.9
Ninth.....	2,412	3,198	3,652	3,879	3,823	3,779	3,726	3,516	6.7	8.0	8.7	8.5
Tenth.....	2,258	3,085	3,457	3,723	3,737	3,686	3,610	3,527	6.3	7.5	8.3	8.5
Eleventh.....	2,063	2,778	3,127	3,354	3,373	3,388	3,312	3,241	5.7	6.8	7.5	7.8
Twelfth.....	1,752	2,567	2,774	2,986	3,015	3,026	3,023	2,969	4.8	6.0	6.7	7.1

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 242. CHARACTERISTICS OF PRIVATE SCHOOLS, BY LEVEL AND AFFILIATION: 1976 AND 1978

[As of October. Elementary includes any combination of grades from prekindergarten through 8. Secondary includes any combination of grades from 7 through 12. Combined must include at least one grade below grade 7 and one above grade 8]

LEVEL AND ITEM	ALL NONPUBLIC SCHOOLS		NO AFFILIATION		CHURCH AFFILIATION					
	1976	1978	1976	1978	Total		Catholic		Other	
					1976	1978	1976	1978	1976	1978
Total:										
Schools.....	20,081	19,663	4,171	3,944	15,910	15,719	9,966	9,849	5,944	5,870
Pupils (1,000).....	5,167	5,084	758	747	4,409	4,338	3,423	3,270	986	1,068
Teachers ¹	268,908	272,664	62,331	63,232	206,577	209,432	146,251	143,352	60,326	66,080
Pupil/teacher ratio.....	19.2	18.6	12.2	11.8	21.3	20.7	23.4	22.8	16.3	16.2
Elementary: ²										
Schools.....	12,965	12,749	1,476	1,384	11,489	11,365	8,092	8,020	3,397	3,345
Pupils (1,000).....	3,081	2,989	184	184	2,896	2,804	2,464	2,342	433	462
Teachers ¹	133,307	133,031	14,066	13,788	119,241	119,243	95,031	93,028	24,210	26,215
Pupil/teacher ratio.....	23.1	22.5	13.1	13.3	24.3	23.5	25.9	25.2	17.9	17.6
Secondary:										
Schools.....	2,484	2,418	473	445	2,011	1,973	1,552	1,518	459	455
Pupils (1,000).....	1,080	1,068	97	100	983	969	882	857	101	112
Teachers ¹	62,121	62,604	9,086	9,231	53,035	53,373	45,754	44,940	7,281	8,433
Pupil/teacher ratio.....	17.4	17.1	10.7	10.8	18.5	18.1	19.3	19.1	13.9	13.3
Combined:										
Schools.....	3,420	3,348	1,276	1,219	2,144	2,129	140	135	2,004	1,994
Pupils (1,000).....	905	937	401	396	504	540	58	53	446	488
Teachers ¹	61,244	64,448	29,946	30,652	31,298	33,796	3,189	2,960	28,109	30,836
Pupil/teacher ratio.....	14.8	14.5	13.4	12.9	16.1	16.0	18.2	17.8	15.9	15.8
Other: ³										
Schools.....	1,212	1,148	946	896	266	252	182	176	84	76
Pupils (1,000).....	101	90	76	66	25	24	19	18	6	6
Teachers ¹	12,236	12,561	9,233	9,561	3,003	3,020	2,277	2,424	726	596
Pupil/teacher ratio.....	8.2	7.2	8.2	6.9	8.4	7.9	8.2	7.5	8.9	9.7

¹ Full-time equivalent teachers. ² Includes middle schools. ³ Includes special education, vocational/technical, and alternative schools regardless of grade span.

Source: U.S. National Center for Education Statistics, *Private Schools in American Education*.

NO. 243. CATHOLIC ELEMENTARY AND SECONDARY SCHOOLS: 1960 TO 1980

[As of October 1. Regular sessions only. See also *Historical Statistics, Colonial Times to 1970*, series H 535-544]

ITEM	UNIT	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Elementary schools.....	Number.....	10,501	10,879	9,362	8,437	8,340	8,281	8,204	8,159	8,100	8,043
Pupils enrolled.....	1,000.....	4,373	4,492	3,355	2,602	2,525	2,483	2,421	2,365	2,293	2,269
Teachers, total.....	1,000.....	108	120	112	100	99	100	100	99	98	97
Religious.....	1,000.....	79	76	52	38	35	34	32	29	27	25
Lay.....	1,000.....	29	44	60	62	64	66	68	70	71	72
Secondary schools.....	Number.....	2,392	2,413	1,981	1,690	1,653	1,623	1,593	1,564	1,540	1,516
Pupils enrolled.....	1,000.....	880	1,082	1,008	902	890	882	867	853	846	837
Teachers, total.....	1,000.....	44	57	54	50	50	51	51	49	49	49
Religious.....	1,000.....	33	38	28	21	20	19	18	16	15	14
Lay.....	1,000.....	11	19	26	29	30	32	33	33	34	35

Source: National Catholic Educational Association, Washington, D.C., *A Statistical Report on Catholic Elementary and Secondary Schools for the Years 1967-68 to 1969-70*, and U.S. Catholic Schools, 1973-74, and National Catholic Educational Association/ Ganley's, *Catholic Schools in America*, annual. (Copyright.)

NO. 244. SCHOOL ENROLLMENT OF INDIAN CHILDREN: 1960 TO 1977

[In thousands, except percent. As of fall. Relates to children 6-18 years of age through 1965; 5-18 thereafter]

STATUS OF CHILDREN	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977
Total.....	146	149	206	207	213	205	209	209	216	219
In school.....	133	134	186	190	197	188	190	190	202	206
Percent of total.....	91.3	89.7	90.3	91.8	92.5	91.7	90.9	90.9	93.5	94.1
Federal.....	37	43	48	49	49	48	48	47	46	46
Public.....	85	82	127	131	139	129	134	133	145	149
Other.....	11	9	11	11	10	11	10	10	11	11
Not in school.....	9	9	12	10	9	8	8	11	9	8
Unknown ¹	4	7	8	7	7	9	11	8	5	5

¹ Children recorded on census records but residing off the reservation.

Source: U.S. Bureau of Indian Affairs, *Statistics Concerning Indian Education*, annual.

**NO. 245. BLACK AND HISPANIC ENROLLMENT IN PUBLIC ELEMENTARY AND SECONDARY SCHOOLS:
1970 TO 1978**

[As of fall. Excludes Hawaii. Data are estimated from results of a survey of public school districts with a substantial minority group enrollment. "Minority group" refers to Blacks, American Indians, Alaskan Natives, Asian or Pacific Islanders, and Hispanics]

ITEM	1970	1974	1976	1978	ITEM	1970	1974	1976	1978
Total enrollment (1,000)	44,910	45,988	43,540	41,571	Total enrollment (1,000)	44,910	45,988	43,540	41,571
Black (1,000)	6,713	6,684	6,772	6,565	Hispanic (1,000)	2,275	2,577	2,797	2,884
Percent Black—					Percent Hispanic—				
Of total enrollment	14.9	14.5	15.6	15.8	Of total enrollment	5.1	5.6	6.4	6.9
By minority group enrollment in—					By minority group enrollment in—				
Schools under 50 percent	33.1	37.1	43.2	(NA)	Schools under 50 percent	44.2	42.3	40.1	(NA)
Schools 50-100 percent	66.9	63.0	56.8	(NA)	Schools 50-100 percent	55.8	57.8	59.9	(NA)
Schools 95-100 percent	38.2	33.6	(NA)	(NA)	Schools 95-100 percent	16.3	(NA)	(NA)	(NA)
Schools 100 percent	14.0	11.4	(NA)	(NA)	Schools 100 percent	1.8	1.2	(NA)	(NA)

NA Not available.

Source: U.S. Dept. of Education, Office of the Assistant Secretary for Civil Rights, *Distribution of Students by Racial/Ethnic Composition of Schools, 1970-1976* (vol. I), and *State and National Summaries of Data Collected by the Elementary and Secondary Schools Civil Rights Survey, 1976 and 1978*.

NO. 246. MINORITY ENROLLMENT IN PUBLIC ELEMENTARY AND SECONDARY SCHOOLS, BY MINORITY-GROUP SCHOOL ENROLLMENT, 1976 AND 1978, AND BY STATES, 1978

[As of fall. "Minority group" refers to Blacks, American Indians, Alaskan Natives, Asian or Pacific Islanders, and Hispanics. Data are based on a survey of public school districts with a substantial minority-group enrollment. Extent of undercoverage (school districts not included) will vary by State]

STATE	Total minority enrollment ¹ (1,000)	MINORITY-GROUP SCHOOL ENROLLMENT						STATE	Total minority enrollment ¹ (1,000)	MINORITY-GROUP SCHOOL ENROLLMENT					
		Under 50 percent		90-100 percent (1,000)	99-100 percent		Under 50 percent			90-100 percent (1,000)	99-100 percent				
		Total (1,000)	Per-cent		Number (1,000)	Per-cent	Total (1,000)				Per-cent	Number (1,000)	Per-cent		
Total, 1976.....	10,747.0	4,287.0	39.9	3,379.8	1,829.2	17.0	Miss.....	236.0	67.8	28.7	71.7	36.6	15.5		
Total, 1978.....	10,336.5	4,088.4	39.6	3,115.6	1,663.9	16.1	Mo.....	136.9	48.6	35.5	64.7	42.9	31.3		
Ala.....	252.4	104.8	41.5	88.4	60.3	23.9	Mont.....	13.0	8.5	64.9	2.7	.4	2.9		
Alaska.....	25.0	12.5	50.1	8.8	3.7	14.7	Nebr.....	22.8	18.5	81.0	.8	.8	3.3		
Ariz.....	171.9	69.6	40.4	37.3	4.1	2.4	Nev.....	24.9	22.6	90.7	.5	—	—		
Ark.....	103.6	50.6	48.9	4.4	.8	.8	N.H.....	1.7	1.7	100.0	—	—	—		
Calif.....	1,487.0	621.6	41.8	311.5	152.0	10.2	N.J.....	345.5	113.7	32.9	140.4	54.4	15.8		
Colo.....	112.6	73.1	64.9	.7	.1	.1	N. Mex.....	151.1	41.3	27.3	27.9	2.5	1.7		
Conn.....	93.3	47.4	50.9	25.0	7.9	8.5	N.Y.....	948.2	216.0	22.8	502.0	256.7	27.1		
Del.....	29.2	27.6	94.4	—	—	—	N.C.....	368.9	228.5	62.0	17.5	4.9	1.3		
D.C.....	109.4	.7	.6	103.0	87.4	79.9	N. Dak.....	7.6	3.0	38.8	3.4	1.7	22.7		
Fla.....	466.1	258.3	55.4	70.5	18.1	3.9	Ohio.....	300.9	117.2	38.9	102.6	64.6	21.5		
Ga.....	351.5	136.2	38.7	95.6	55.1	15.7	Okl.....	127.4	95.0	74.6	5.4	.1	.1		
Hawaii.....	131.9	6.1	4.6	44.1	.7	.5	Oreg.....	33.2	30.2	91.0	.1	—	—		
Idaho.....	11.9	11.3	94.0	—	—	—	Pa.....	284.5	90.4	31.8	132.9	81.5	28.6		
Ill.....	567.0	124.9	22.0	359.4	287.5	50.7	R.I.....	11.8	9.9	83.4	—	—	—		
Ind.....	119.3	57.7	48.4	36.5	22.6	19.0	S.C.....	266.4	105.5	39.6	38.8	21.2	8.0		
Iowa.....	21.5	19.7	91.7	.1	.1	.2	S.Dak.....	9.9	7.5	76.1	.7	.1	.5		
Kans.....	48.8	40.2	82.3	3.8	2.3	4.7	Tenn.....	184.1	69.9	37.9	55.1	27.2	14.8		
Ky.....	61.4	53.8	87.7	1.3	1.2	1.9	Tex.....	1,144.1	361.4	31.6	393.8	131.1	11.5		
La.....	337.1	125.8	37.3	118.4	81.7	24.2	Utah.....	23.6	21.8	92.3	1.0	.1	.4		
Maine.....	2.0	2.0	100.0	—	—	—	Vt.....	.6	.6	100.0	—	—	—		
Md.....	259.9	105.7	40.7	75.2	54.2	20.8	Va.....	283.2	138.6	48.9	16.1	3.0	1.1		
Mass.....	98.8	48.5	49.1	1.0	—	—	Wash.....	79.7	64.5	80.9	.9	.1	.1		
Mich.....	334.1	102.0	30.5	140.1	86.6	25.9	W. Va.....	21.3	19.3	91.0	.7	.7	3.4		
Minn.....	35.5	35.3	91.7	.2	—	—	Wis.....	66.7	44.2	66.3	10.6	7.0	10.5		
							Wyo.....	8.1	6.9	84.7	.3	—	—		

- Represents zero. ¹ Includes categories not shown separately.

Source: U.S. Office for Civil Rights, *State and National Summaries of Data Collected by The Elementary and Secondary Schools Civil Rights Survey, 1976 and 1978*.

NO. 247. PUBLIC SCHOOL PUPIL TRANSPORTATION: 1940 TO 1978

[Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series H 531-534]

ITEM	Unit	1940	1950	1960	1968	1970	1974	1976	1977	1978
Pupils transported at public expense ¹	Million	4.1	6.9	12.2	17.1	18.2	21.3	21.8	22.5	21.7
Percent of pupils in ADA ¹	Percent	16.3	27.7	37.6	42.0	43.4	51.5	52.8	55.2	54.4
Expenditure of public funds ²	Mill. dol.	83	215	486	981	1,219	1,858	2,377	2,502	2,731
Cost per pupil transported ¹	Dollars	20	31	40	57	67	87	109	111	125

¹Prior to 1960 based on enrollment; thereafter, average daily attendance (ADA). ²Excludes capital outlay.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 248. PUBLIC SCHOOL TRANSPORTATION—SUMMARY, BY STATES: 1976

[ADA = Average daily attendance. Data refer to elementary and secondary schools]

STATE	ADA OF PUPILS TRANSPORTED AT PUBLIC EXPENSE		EXPENDITURES FOR TRANSPORTATION		STATE	ADA OF PUPILS TRANSPORTED AT PUBLIC EXPENSE		EXPENDITURES FOR TRANSPORTATION	
	Total (1,000)	Percent of total ADA	Total (mil. dol.)	Avg. per pupil		Total (1,000)	Percent of total ADA	Total (mil. dol.)	Avg. per pupil
U.S. ¹	21,772.5	52.8	2,377.3	\$109.19	Miss.	306.0	63.9	24.8	81.02
Ala.	442.8	61.8	25.1	56.75	Mo.	636.9	73.6	53.4	83.78
Alaska	37.3	45.7	10.6	283.35	Mont.	56.0	35.8	10.9	194.76
Ariz.	168.4	37.0	21.5	127.38	Nebr.	69.2	23.3	15.0	216.95
Ark.	261.5	61.0	20.6	78.94	Nev.	46.9	35.9	6.9	150.54
Calif.	950.4	21.8	91.7	96.47	N.H.	106.9	66.9	10.0	93.25
Colo.	240.3	45.6	24.6	102.50	N.J.	610.4	46.6	92.2	151.01
Conn.	396.8	66.6	40.1	100.97	N. Mex.	131.9	51.4	15.3	116.31
Del.	81.5	69.4	9.6	118.13	N.Y.	1,910.8	63.4	368.4	192.77
D.C. ²	1.1	.9	8.3	(²)	N.C.	744.8	66.5	42.9	57.66
Fla.	727.8	50.7	56.6	77.76	N. Dak.	53.7	42.5	12.2	227.03
Ga.	692.3	69.3	51.6	74.54	Ohio	1,248.8	59.4	88.5	70.89
Hawaii	35.5	21.8	5.9	165.33	Okl.	266.4	51.3	25.5	89.15
Idaho	104.2	57.2	10.3	96.68	Oreg.	253.7	59.7	31.6	124.38
Ill.	761.5	39.3	119.2	156.57	Pa.	1,507.8	73.0	135.9	90.11
Ind.	659.0	62.8	63.6	96.58	R.I.	94.5	59.6	9.0	95.57
Iowa	280.5	48.8	40.8	145.57	S.C.	403.0	68.1	21.7	53.88
Kans.	161.3	36.5	18.0	111.80	S. Dak.	53.2	37.7	9.5	178.53
Ky.	420.0	67.5	42.3	100.76	Tenn.	521.3	63.1	36.6	70.11
La.	548.9	71.5	58.4	106.39	Tex.	734.9	28.8	64.7	88.01
Maine	175.5	77.0	17.3	98.47	Utah	102.8	35.6	9.2	89.62
Md.	515.4	64.9	57.2	110.92	Vt.	73.4	74.9	7.5	102.24
Mass.	715.8	66.8	81.6	114.00	Va.	736.2	72.3	58.4	79.35
Mich.	937.2	47.5	122.7	130.89	Wash.	373.1	51.6	53.9	144.39
Minn.	618.2	74.7	78.1	126.41	W. Va.	284.6	77.7	30.0	105.29
					Wis.	462.7	53.9	60.0	129.72
					Wyo.	30.0	36.5	7.6	254.13

¹Totals are for States reporting. ²For handicapped children only; therefore, most data not comparable to those of the States.

Source: U.S. National Center for Education Statistics, *Statistics of State School Systems*, biennial.

NO. 249. MODE OF TRANSPORTATION, DISTANCE, AND TIME TRAVELED TO SCHOOL: 1978

[As of October. Elementary includes grades 1-8; secondary, grades 9-12]

ITEM	Total en- rolled ¹	ELEMENTARY					SECONDARY				
		Total	Metropolitan areas			Non- metro. areas	Total	Metropolitan areas			Non- metro. areas
			Total	Central cities				Total	Central cities		
				Inside	Outside				Inside	Outside	
Enrollment (1,000)	60,719	28,490	18,710	7,479	11,232	9,780	15,475	10,315	4,048	6,267	5,160
Percent distribution:											
Walk	23.8	34.4	41.4	53.9	33.0	20.9	20.8	23.6	28.1	20.6	15.3
Car	30.2	16.2	16.1	19.0	14.2	16.2	30.0	28.8	28.1	29.3	32.3
School bus	32.6	44.5	37.1	20.3	48.3	58.6	37.3	31.8	15.8	42.1	48.3
Time: ²											
Less than 15 minutes	51.1	56.8	61.6	67.6	57.6	47.6	45.2	46.1	44.1	47.4	43.5
15-29 minutes	29.7	26.7	26.4	22.3	29.2	27.3	34.4	36.0	35.5	36.3	31.3
30-59 minutes	16.4	14.5	10.9	8.8	12.3	21.4	17.3	15.7	17.8	14.4	20.5
Median miles (number)	2.6	1.8	1.2	(³)	1.8	2.8	3.0	2.8	2.5	2.9	3.9

¹Includes nursery, kindergarten, vocational schools, and colleges, not shown separately.

²For those fully reported.

³Less

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 342.

NO. 250. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—NUMBER AND AVERAGE SALARY OF CLASSROOM TEACHERS, 1960 TO 1981, AND BY STATES, 1981

[Estimates for school year ending in June. Schools classified by type of organization rather than by grade-group; elementary includes kindergarten]

YEAR AND STATE	TEACHERS (1,000)			AVG. SALARY (\$1,000)			STATE	TEACHERS (1,000)			AVG. SALARY (\$1,000)		
	Total	Elementary	Secondary	All teachers	Elementary	Secondary		Total	Elementary	Secondary	All teachers	Elementary	Secondary
1960.....	1,355	834	521	5.0	4.8	5.3	Maine.....	10.2	7.0	3.2	13.7	13.2	14.8
1965.....	1,648	940	708	6.2	6.0	6.5	Md.....	41.1	18.6	22.6	19.3	19.2	19.4
1970.....	2,008	1,109	899	8.6	8.4	8.9	Mass.....	65.8	28.5	37.3	18.7	18.5	18.9
1973.....	2,109	1,143	966	10.2	9.9	10.5	Mich.....	80.5	41.9	38.7	21.2	21.0	21.4
1974.....	2,138	1,152	986	10.8	10.5	11.1	Minn.....	43.7	20.6	23.2	18.1	17.4	18.7
							Miss.....	26.3	14.5	11.8	13.0	12.7	13.3
1975.....	2,171	1,169	1,001	11.7	11.3	12.0							
1976.....	2,191	1,170	1,021	12.6	12.3	12.9	Mo.....	48.8	24.8	24.0	15.2	14.9	15.5
1977.....	2,186	1,176	1,011	13.4	13.0	13.8	Mont.....	9.3	5.1	4.2	15.4	14.8	16.1
1978.....	2,196	1,175	1,021	14.2	13.9	14.6	Neb.....	18.0	9.3	8.7	14.9	14.2	15.6
1979.....	2,204	1,189	1,015	15.0	14.7	15.5	Nev.....	7.1	3.6	3.5	17.1	17.0	17.2
1980.....	2,204	1,201	1,003	16.0	15.6	16.4	N.H.....	9.4	5.0	4.4	12.9	12.5	13.4
							N.J.....	76.9	45.3	31.5	18.3	18.0	18.7
1981, U.S.....	2,194	1,192	1,002	17.3	16.9	17.7	N. Mex.....	14.4	7.0	7.3	15.7	15.5	16.0
Ala.....	41.2	22.0	19.3	15.2	14.6	15.8	N.Y.....	169.3	74.0	95.3	20.4	20.3	20.5
Alaska.....	5.2	2.8	2.4	29.1	28.9	29.3	N.C.....	55.3	34.6	20.7	15.9	15.7	16.2
Ariz.....	26.2	18.1	8.1	17.2	17.0	17.7	N. Dak.....	7.1	4.2	2.9	13.9	13.7	14.1
Ark.....	24.1	11.8	12.3	13.3	12.9	13.6	Ohio.....	99.3	54.1	45.2	16.2	15.7	16.8
Calif.....	175.5	104.6	70.9	19.8	19.4	20.5	Okla.....	34.4	18.0	16.4	14.6	14.4	15.0
Calo.....	27.2	13.3	13.9	17.4	16.9	17.9							
Conn.....	33.9	20.4	13.5	17.4	17.3	17.7	Oreg.....	25.1	14.6	10.4	17.5	17.2	18.0
Del.....	5.9	2.6	3.3	17.2	17.0	17.5	Pa.....	109.5	50.4	59.1	17.7	17.4	18.0
D.C.....	5.2	3.1	2.1	22.9	23.0	22.7	R.I.....	9.2	4.6	4.6	19.4	19.3	19.4
Fla.....	78.3	42.0	36.3	15.6	15.8	15.3	S.C.....	31.8	19.6	12.2	14.0	13.6	14.5
Ga.....	56.5	34.3	22.2	15.4	15.2	15.9	S. Dak.....	8.1	5.3	2.8	13.6	13.5	14.0
Hawaii.....	7.9	4.7	3.2	21.6	22.0	20.9	Tenn.....	41.3	25.6	15.8	15.0	14.9	15.1
							Tex.....	163.1	88.2	74.9	15.2	14.8	15.6
Idaho.....	9.9	5.3	4.7	15.1	14.8	15.5							
Ill.....	105.7	70.1	35.7	19.4	18.7	20.7	Utah.....	14.8	8.7	6.1	16.6	16.1	17.4
Ind.....	53.8	26.9	26.8	18.1	17.6	18.5	Vt.....	6.7	3.4	3.3	13.0	12.6	13.5
Iowa.....	32.4	15.4	17.1	16.2	15.5	16.7	Va.....	58.2	34.2	24.0	14.9	14.2	15.8
Kans.....	26.2	14.3	11.9	15.1	15.0	15.1	Wash.....	35.7	20.3	15.4	20.7	20.3	21.2
Ky.....	33.4	21.6	11.8	15.6	15.1	16.5	W. Va.....	22.2	12.5	9.6	14.7	14.3	15.1
La.....	42.7	23.7	19.0	15.0	14.7	15.3	Wis.....	53.9	28.6	25.3	16.7	16.3	17.3
							Wyo.....	6.4	3.3	3.1	18.7	18.1	19.4

Source: National Education Association, Washington, D.C., *Estimates of School Statistics, 1980-81*. (Copyright © 1981 by the National Education Association. All rights reserved.)

NO. 251. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—CLASSROOM TEACHERS, BY EXPERIENCE AND DEGREES HELD: 1966 TO 1980

[As of spring. Based on sample and subject to sampling variability]

EXPERIENCE AND DEGREE	1966		1971		1976		1980		Men	Women
	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary		
Percent with teaching experience of:										
1-2 years.....	16.2	21.0	15.2	18.5	10.1	12.5	7.6	5.6	3.3	7.4
3-4 years.....	12.2	16.7	16.4	14.7	15.9	15.9	9.5	7.3	7.7	8.7
5-9 years.....	19.8	23.9	21.4	27.7	28.6	29.0	28.5	27.4	24.3	29.6
10-14 years.....	14.1	14.3	14.3	17.2	15.6	19.0	20.1	25.6	24.7	22.4
15-19 years.....	11.0	8.5	10.4	8.9	12.1	12.9	14.0	15.3	15.7	14.1
20 years or more.....	26.7	15.7	22.5	13.7	17.5	10.6	20.2	18.7	24.3	17.8
Median ¹ (years).....	10	7	8	7	8	8	11	11	12	10
Percent, highest degree held:										
No degree.....			1.0	.4	.6	.6				
2-year degree.....	12.9	.6	3.6	.7	.1	.4	.4	.6	1.1	.3
Bachelor's degree.....	71.4	67.7	74.5	64.2	69.8	53.8	57.8	47.4	40.1	57.2
Master's degree.....	14.9	29.6	20.3	32.5	27.1	41.2	38.5	46.1	51.2	39.2
Professional degree, 6 years.....	.8	1.9	.6	1.4	2.2	3.3	3.3	4.8	6.4	2.9
Doctor's degree.....	-	.3	-	.8	.1	.7	-	1.2	1.3	.3

- Represents zero or rounds to zero. ¹ For definition of median, see Guide to Tabular Presentation.

Source: National Education Association, Washington, D.C., *Status of the American Public School Teacher, 1965-66, 1970-71, and 1975-76*, and *Nationwide Teacher Opinion Poll, 1980*. (Copyright © 1967, 1972, 1977, and 1980 by the National Education Association. All rights reserved.)

NO. 252. ELEMENTARY AND SECONDARY SCHOOLS—TEACHERS AND PUPIL-TEACHER RATIO, BY TYPE OF CONTROL: 1960 TO 1979, AND PROJECTIONS, 1980 AND 1985

[In thousands, except percent and ratio. As of fall of year. Schools are classified by type of organization, rather than by grade group; elementary includes kindergarten; secondary includes junior high schools. Data for nonpublic schools and, beginning 1975, for classroom teachers in public schools, are estimated, except as indicated]

TEACHERS AND RATIO	1960	1965	1970	1975	1977	1978	1979	1980, proj.	1985, proj.
CLASSROOM TEACHERS									
Total.....	1,600	1,933	2,288	2,444	2,470	2,460	2,437	2,413	2,393
Annual percent change ¹	4.5	3.9	3.4	1.3	.5	-.4	-.9	-1.0	-.2
Elementary.....	991	1,112	1,281	1,344	1,359	1,352	1,326	1,324	1,375
Secondary.....	609	822	1,007	1,100	1,111	1,108	1,112	1,089	1,018
Public.....	1,408	1,710	2,055	2,196	2,209	2,199	2,169	2,141	2,108
Elementary.....	858	965	1,128	1,180	1,185	1,178	1,147	1,144	1,175
Secondary.....	550	746	927	1,016	1,024	1,021	1,022	998	933
Nonpublic.....	192	223	233	248	261	261	268	271	285
Elementary.....	133	² 147	² 153	164	174	174	178	180	200
Secondary.....	59	² 76	² 80	84	87	87	90	91	85
PUPIL-TEACHER RATIO									
Public: Elementary.....	28.4	27.6	24.4	21.7	21.1	21.3	20.9	20.7	19.6
Secondary.....	21.7	20.8	19.8	18.8	18.2	17.2	17.2	17.1	16.7
Nonpublic: Elementary.....	38.1	33.5	26.5	21.7	20.5	20.4	20.2	19.9	19.1
Secondary.....	18.3	18.1	16.4	16.4	16.4	16.5	16.7	16.4	16.4

¹ Average from prior year shown; for 1960, from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. ² Reported data from Office of Education surveys.

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics*, annual; and unpublished data.

NO. 253. PUBLIC SCHOOL EMPLOYMENT, OCCUPATION, 1974 TO 1978, AND BY SEX AND RACE, 1976 AND 1978

[In thousands. Covers full-time employment. Excludes Hawaii and District of Columbia. Based on sample survey of school districts with 250 or more students; see source for sampling variability]

OCCUPATION	1974, total	1975, total	1976				1978			
			Male	Female	White ¹	Black ¹	Male	Female	White ¹	Black ¹
All occupations.....	3,452	3,590	1,278	2,321	3,010	455	1,154	2,197	2,797	411
Officials, administrators.....	39	43	37	7	41	3	35	8	39	3
Principals and assistant principals.....	107	112	93	17	96	12	84	18	88	11
Classroom teachers ²	1,995	2,047	701	1,345	1,788	208	635	1,244	1,644	181
Elementary schools.....	987	1,005	169	823	853	112	156	747	778	97
Secondary schools.....	885	902	493	415	812	75	442	383	738	67
Other professional staff.....	226	237	78	161	207	25	71	155	194	24
Teachers aides ³	220	240	18	218	161	50	16	231	171	49
Clerical, secretarial staff.....	215	230	5	231	208	18	5	217	193	17
Service workers ⁴	649	681	346	340	511	139	308	325	467	126

¹ Excludes individuals of Spanish origin. ² Includes other classroom teachers, not shown separately. ³ Includes technicians. ⁴ Includes craftworkers and laborers.

Source: U.S. Equal Employment Opportunity Commission, *Employment Opportunity in the Schools*, 1977 and 1978; and unpublished data.

NO. 254. PUBLIC SCHOOL BONDS—ELECTIONS AND SALES: 1966 TO 1977

[Years ending June 30. Bonds for financing construction of public elementary and secondary school facilities]

ITEM	Unit	1966	1968	1970	1972	1973	1974	1975	1976	1977
Bond issues:										
Proposed.....	Number.....	1,745	1,750	1,216	1,153	1,273	1,386	928	770	859
Approved.....	Number.....	1,265	1,183	647	542	719	779	430	391	477
Par value of bond issues:										
Proposed.....	Mil. dol.....	3,560	3,740	3,285	3,102	3,988	4,137	2,551	2,104	2,400
Approved.....	Mil. dol.....	2,652	2,338	1,627	1,365	2,256	2,193	1,174	970	1,296
Bond sales, all agencies.....	Number.....	1,941	1,722	1,309	1,547	1,336	1,234	1,060	1,093	1,173
Sales, all agencies.....	Mil. dol.....	2,883	2,917	2,813	3,368	2,905	2,959	3,579	3,688	4,611
Average net interest.....	Percent.....	3.67	4.57	6.39	5.01	4.91	5.35	6.27	6.25	5.33

Source: U.S. National Center for Education Statistics, *Bond Sales for Public School Purposes*, annual.

No. 255. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—REVENUE AND EXPENDITURES: 1960 TO 1979

[For years ending June 30. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 487-501]

TYPE OF REVENUE AND EXPENDITURE	TOTAL (bil. dol.)								PERCENT				
	1960	1966	1970	1975	1976	1977	1978	1979	1960	1966	1970	1975	1979
Revenue, total	14.7	25.4	40.3	64.4	71.2	75.3	81.4	88.1	100.0	100.0	100.0	100.0	100.0
Federal sources.....	.7	2.0	3.2	5.8	6.3	6.6	7.7	8.6	4.4	7.9	8.0	9.0	9.8
State sources.....	5.8	9.9	16.1	27.2	31.8	32.7	35.0	40.2	39.1	39.1	39.9	42.2	45.7
Other sources ¹	8.3	13.4	21.0	31.4	33.1	36.0	38.7	39.2	56.5	53.0	52.1	48.8	44.5
Expenditures, total	15.6	26.2	40.7	64.8	70.6	74.2	80.4	86.7	100.0	100.0	100.0	100.0	100.0
Current.....	12.5	21.7	34.9	57.4	62.6	66.9	73.0	79.4	79.8	82.7	85.7	88.5	91.5
Day schools.....	12.3	21.1	34.2	56.7	62.1	66.1	72.4	79.0	79.0	80.2	84.1	87.5	91.1
Administration.....	.5	.9	1.6	2.7	2.8	3.3	3.8	3.9	3.4	3.6	3.9	4.1	4.5
Instruction ²	8.4	14.4	23.3	36.5	39.7	41.9	45.0	48.4	53.5	55.0	57.2	56.3	55.8
Plant operation and maintenance.....	1.5	2.4	3.5	6.1	6.7	7.3	8.1	8.6	9.6	9.1	8.6	9.5	9.9
Fixed charges.....	.9	1.7	3.3	6.3	7.3	8.1	9.3	10.4	5.8	6.5	8.0	9.7	12.0
Other services.....	1.0	1.6	2.6	5.1	5.6	5.5	6.2	7.7	6.6	6.0	6.3	7.9	8.9
Other current ³	.1	.6	.6	.7	.6	.8	.6	.4	.9	2.5	1.6	1.0	.4
Capital outlay.....	\$2.7	3.8	4.7	5.7	6.1	5.3	5.2	5.4	17.0	14.3	11.5	8.8	6.3
Interest.....	.5	.8	1.2	1.7	1.8	2.0	2.1	2.0	3.1	3.0	2.9	2.7	2.3

¹Intermediate and local. Intermediate sources are administrative units or political subdivisions located between school districts and the State. Includes receipts from gifts and tuition, and transportation fees paid by patrons. ²Includes salaries of clerical assistants, free textbooks, school library books, and supplies. ³Comprises current expenditures for summer schools, adult education, community colleges, and community services. *Excludes current expenditures for adult education and community colleges. *Excludes capital outlay by State and local schoolhousing authority.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual, and *Revenues and Expenditures for Public Elementary and Secondary Education*, annual.

No. 256. FINANCES OF PUBLIC SCHOOL SYSTEMS, BY ENROLLMENT-SIZE GROUP: 1979 AND 1980

[In millions of dollars, except percent. Based on survey of State and local governments. Minus sign (—) denotes decrease. For details, see source. See also Appendix III]

ITEM	1979, all school sys- tems	1980, BY ENROLLMENT-SIZE GROUP				
		All school systems		Over 50,000	25,000 to 50,000	15,000 to 24,999
		Total	Per- cent change ¹			
General revenue²	92,218	101,970	10.6	19,764	9,316	8,159
Intergovernmental.....	48,743	56,279	15.5	11,911	5,561	4,674
From Federal government.....	1,603	1,645	2.6	468	178	135
From States.....	45,907	53,086	15.6	11,037	5,255	4,459
Federal aid distributed by State governments.....	6,531	7,459	14.2	1,961	723	529
From local governments.....	1,234	1,547	25.4	406	128	79
From own sources.....	43,474	45,692	5.1	7,853	3,754	3,486
Taxes.....	28,271	29,212	3.3	3,649	2,313	2,075
Property.....	27,335	28,089	2.8	3,389	2,224	2,014
Contribution from parent government.....	8,755	8,809	.6	3,084	680	728
Charges and miscellaneous.....	6,449	7,670	18.9	1,121	761	683
General expenditure²	90,572	100,532	11.0	19,086	9,264	8,186
Intergovernmental.....	458	470	2.6	87	7	6
Direct.....	90,114	100,063	11.0	18,999	9,257	8,180
Current operation.....	81,683	90,589	10.9	17,641	8,350	7,281
Salaries and wages.....	56,587	61,944	9.5	12,587	5,863	5,103
Capital outlay.....	6,546	7,517	14.8	1,026	729	719
Construction.....	4,538	5,226	15.2	740	548	518
Interest on debt.....	1,885	1,957	3.8	332	179	180
Direct expenditure by level of instruction:						
Elementary and secondary.....	82,827	92,113	11.2	17,718	8,302	7,060
Higher education.....	5,401	5,993	11.0	949	777	940
Debt outstanding	36,486	36,685	.5	5,659	3,502	3,398
Long-term.....	35,026	35,405	1.1	5,461	3,363	3,321
Short-term.....	1,461	1,280	-14.1	198	140	77
Long-term debt issued.....	3,252	2,961	-9.8	276	163	245
Long-term debt retired.....	2,886	2,997	3.8	602	248	243
Cash, security holdings, fiscal yearend, excl. employee-retirement.....	15,815	16,733	5.8	2,035	1,580	1,662

¹Change from 1979. ²Excludes interschool system transactions.

Source: U.S. Bureau of the Census, *Finances of Public Systems in 1979-1980*, series GF 80 No. 10, annual.

No. 257. PUBLIC SCHOOL EXPENDITURES, BY STATE: 1975 TO 1980

[School data for years ending June 30]

STATE	Total expenditures, 1975 (mil. dol.)	Total expenditures, 1978 ¹ (mil. dol.)	Total expenditures, 1979 ¹ (mil. dol.)	EXPENDITURES, 1980 ¹					PER CAPITA SCHOOL EXPENDITURES (dol.) ⁴			
				Total ² (mil. dol.)	Current expenditures			Capital outlay (mil. dol.)	1975	1978 ¹	1979 ¹	1980 ¹
					Elem. and secondary day schools (mil. dol.)	Average per pupil in ADA ³						
						Amount (dol.)	Rank					
U.S. ⁵	64,846	80,844	86,712	90,177	80,342	2,094	(x)	6,173	\$304	\$368	\$390	\$402
Ala.....	753	1,053	1,219	1,180	1,061	1,472	43	103	208	278	318	305
Alaska.....	220	339	369	386	358	4,592	1	12	640	856	920	960
Ariz.....	714	924	981	958	771	(NA)	(NA)	157	321	381	390	363
Ark.....	448	584	639	784	569	1,343	46	102	213	265	285	346
Calif.....	6,921	8,959	9,006	9,548	8,770	2,173	19	441	327	401	394	411
Colo.....	756	1,183	1,287	1,384	1,208	2,409	12	97	298	439	465	486
Conn.....	988	1,143	1,209	1,346	1,223	2,403	13	97	321	370	391	434
Del.....	209	247	259	262	241	2,568	5	7	358	415	433	437
D.C.....	238	284	286	279	277	3,089	(x)	(2)	330	416	427	425
Fla.....	2,180	2,471	2,625	3,207	3,028	(NA)	(NA)	109	262	278	287	339
Ga.....	1,223	1,503	1,667	1,694	1,511	1,531	42	159	245	288	315	314
Hawaii.....	256	342	351	269	259	1,694	37	8	295	373	378	282
Idaho.....	224	298	330	328	293	1,535	41	28	277	337	362	352
Ill.....	3,635	4,120	4,414	4,316	3,815	2,041	21	227	322	361	386	378
Ind.....	1,414	1,724	1,899	1,905	1,639	1,724	36	124	264	319	349	348
Iowa.....	824	1,100	1,209	1,345	1,244	2,430	10	81	287	377	414	461
Kans.....	609	721	844	973	899	2,371	15	52	269	311	362	415
Ky.....	649	890	1,040	906	815	1,315	47	56	190	249	288	249
La.....	963	1,240	1,317	1,450	1,330	1,797	34	90	252	309	323	350
Maine.....	272	345	376	434	395	1,859	6	28	16	312	337	386
Md.....	1,506	1,745	1,827	1,701	1,544	2,248	17	111	364	416	434	403
Mass.....	1,988	2,463	2,558	2,608	2,457	2,607	4	63	341	429	445	454
Mich.....	3,333	4,211	4,754	4,232	3,715	2,170	20	304	366	460	517	458
Minn.....	1,494	1,773	1,879	1,840	1,608	2,208	18	137	383	445	469	456
Miss.....	458	658	745	701	643	1,419	44	50	193	267	299	280
Mo.....	1,146	1,383	1,502	1,539	1,408	1,810	31	79	239	285	308	315
Mont.....	243	344	331	407	352	2,421	11	42	330	446	422	516
Nebr.....	404	558	613	551	521	1,929	26	15	263	359	393	352
Nev.....	182	257	284	331	283	2,018	22	34	305	379	395	433
N.H.....	228	268	294	324	298	1,811	30	19	279	307	329	355
N.J.....	2,660	3,124	3,383	3,356	3,100	2,616	3	36	363	425	460	455
N. Mex.....	346	444	502	633	507	1,937	25	117	306	362	401	494
N.Y.....	7,397	8,218	8,496	9,068	8,305	3,197	2	350	409	460	479	514
N.C.....	1,343	1,653	1,855	2,210	1,925	1,801	32	120	246	292	323	381
N. Dak.....	161	214	233	248	227	2,007	23	18	254	330	358	380
Ohio.....	2,942	3,434	3,670	3,839	3,548	1,918	27	150	273	319	340	355
Okla.....	647	910	1,068	1,103	980	1,798	33	100	237	318	367	371
Oreg.....	768	1,024	1,054	1,163	1,033	2,459	7	105	337	420	420	451
Pa.....	3,770	4,517	4,752	5,289	4,632	2,567	6	209	318	380	401	445
R.I.....	260	324	356	332	324	2,336	16	(NA)	273	339	372	347
S.C.....	689	882	977	937	815	1,354	45	93	242	295	321	304
S. Dak.....	177	203	221	280	247	1,943	24	29	280	295	321	406
Tenn.....	958	1,225	1,347	1,201	1,056	1,306	48	123	228	278	302	265
Tex.....	3,219	5,057	5,374	5,256	4,360	1,680	38	876	262	383	398	378
Utah.....	362	514	615	665	503	1,609	39	130	302	391	451	470
Vt.....	148	173	192	178	167	1,772	35	8	313	352	386	352
Va.....	1,413	1,682	1,825	2,018	1,766	1,859	6	28	165	284	323	345
Wash.....	1,120	1,535	1,842	2,272	1,665	2,373	14	531	316	407	474	566
W. Va.....	448	592	677	630	577	1,590	40	25	247	311	353	325
Wis.....	1,410	1,776	1,917	2,035	1,853	2,433	6	8	121	311	385	414
Wyo.....	147	211	242	273	217	2,433	6	8	47	403	512	604

NA Not available. X Not applicable. Z Less than \$500,000. ¹ Estimated. ² Includes interest on school debt and expenditures for summer schools, adult education, community services, and community colleges and technical institutes under the jurisdiction of local boards of education, not shown separately. ³ Average daily attendance. ⁴ Based on revised estimated resident population as of July 1, 1974, July 1, 1977, July 1, 1978, and July 1, 1979, from U.S. Bureau of the Census, unpublished data. ⁵ Total includes estimates for nonreporting States. ⁶ In order to have the lowest rank equal to the number of States presented, the numbers 9 and 29 are omitted. Wis. and Wyo. share the same rank of 8, and Maine and Va. share the same rank of 28.

Source: U.S. National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Education*, annual, and *Statistics of Public Elementary and Secondary Day Schools*, annual.

**NO. 258. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY FOR SELECTED CITIES: 1975
TO 1980**

CITY	ENROLLMENT ¹ (1,000)			TOTAL EXPENDITURES ² (mil. dol.)			CURRENT EXPENDITURE PER PUPIL IN ADA ³ (dol.)			AVG. SALARY, CLASSROOM TEACHERS (\$1,000)		
	1975	1979	1980	1975	1979	1980	1975	1979	1980	1975	1979	1980
Baltimore, Md.....	173	146	136	252	276	251	\$1,444	\$1,952	\$1,993	11.1	15.0	14.8
Boston, Mass.....	87	71	69	172	255	262	1,784	3,645	4,111	13.0	*17.6	20.0
Chicago, Ill.....	537	470	477	1,088	*1,285	1,327	1,870	*2,594	2,687	16.0	*17.5	21.6
Cleveland, Ohio.....	135	105	92	211	243	232	1,520	2,720	2,830	12.7	16.4	16.5
Dallas, Tex.....	151	132	130	152	265	267	1,035	1,795	1,927	10.6	14.9	15.9
Detroit, Mich.....	263	230	211	324	482	531	1,269	2,106	2,420	14.0	19.1	21.1
Houston, Tex.....	211	202	194	192	372	405	881	1,567	1,816	9.0	14.4	15.5
Indianapolis, Ind.....	88	74	70	95	138	135	1,099	2,009	2,231	10.9	15.0	15.7
Los Angeles, Calif.....	607	550	(NA)	845	1,495	1,482	1,191	*2,216	2,322	15.0	*17.8	20.6
Memphis, Tenn.....	116	115	114	139	154	185	1,149	1,316	1,662	10.8	10.1	14.4
Milwaukee, Wis.....	119	96	92	230	*227	288	*1,748	*2,352	3,940	14.3	*17.2	22.5
New Orleans, La.....	96	89	87	108	144	149	1,116	1,802	1,931	10.1	13.8	13.7
New York, N.Y.....	1,095	999	963	2,510	2,639	2,972	2,351	3,021	3,485	*16.4	*19.8	21.4
Philadelphia, Pa.....	266	244	232	519	586	638	1,859	2,528	2,920	14.6	19.5	22.5
Phoenix, Ariz.....	173	175	170	231	265	331	1,087	*1,226	(NA)	10.8	*14.2	16.2
St. Louis, Mo.....	91	73	69	99	149	163	1,230	2,159	2,706	11.7	14.3	14.6
San Antonio, Tex.....	69	63	62	66	90	99	858	1,457	1,831	9.6	14.3	15.5
San Diego, Calif.....	123	114	(NA)	145	280	303	1,066	2,163	2,407	14.8	18.0	20.2
San Francisco, Calif.....	72	55	(NA)	148	151	161	1,829	2,305	2,615	15.3	19.6	20.4
Washington, D.C.....	132	114	106	241	308	279	1,814	2,947	3,096	14.0	19.6	22.2

NA Not available. ¹ As of fall of preceding year. Includes nursery schools and kindergartens operated as part of the regular public school system. ² Estimated. ³ ADA = Average daily attendance. ⁴ School year 1977-1978. ⁵ School year 1976-77. ⁶ Expenditures for summer school are included. ⁷ Includes fringe benefit payments. ⁸ Salary data reported as median salary.

Source: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, annual.

**NO. 259. SCHOOL RETENTION RATES—FIFTH GRADE THROUGH COLLEGE ENTRANCE: 1942-1950 TO
1971-1979**

[Prior to 1962, excludes Alaska and Hawaii. Rates for the 5th grade through high school graduation are based on enrollments in successive grades in successive years in public elementary and secondary schools, and are adjusted to include estimates for nonpublic schools. See also *Historical Statistics, Colonial Times to 1970*, series H 587-597]

YEAR OF ENTRANCE INTO 5TH GRADE	RETENTION PER 1,000 PUPILS WHO ENTERED 5TH GRADE								High school gradu- ates	Year of high school gradu- ation	First- time college stu- dents ¹
	5th grade	6th grade	7th grade	8th grade	9th grade	10th grade	11th grade	12th grade			
1942.....	1,000	954	909	847	807	713	604	539	505	1950	205
1944.....	1,000	952	929	858	848	748	650	549	522	1952	234
1946.....	1,000	954	945	919	872	775	641	583	553	1954	283
1948.....	1,000	984	956	929	883	795	706	619	581	1956	301
1950.....	1,000	981	968	921	886	809	709	632	582	1958	308
1952.....	1,000	974	965	936	904	835	746	667	621	1960	328
1954.....	1,000	980	979	948	915	855	759	684	642	1962	343
1956.....	1,000	985	984	948	930	871	790	728	676	1964	362
1958.....	1,000	983	979	961	946	908	842	761	732	1966	384
1960.....	1,000	980	973	967	952	913	858	787	749	1968	452
1962.....	1,000	987	977	967	959	928	860	790	750	1970	461
1964.....	1,000	988	985	976	975	942	865	791	748	1972	433
1965.....	1,000	996	983	980	980	947	874	786	749	1973	433
1966.....	1,000	989	986	985	985	959	871	783	744	1974	448
1967.....	1,000	992	988	984	984	956	870	775	743	1975	452
1968.....	1,000	992	992	991	983	958	869	786	749	1976	435
1969.....	1,000	990	986	986	984	959	876	789	744	1977	(NA)
1970.....	1,000	990	990	988	982	965	881	797	744	1978	440
1971.....	1,000	991	989	989	985	976	874	794	743	1979	451

NA Not available. ¹ Degree credit only.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 260. PUBLIC AND PRIVATE HIGH SCHOOL GRADUATES—STATES: 1975 AND 1979

[In thousands. Excludes graduates of subcollegiate departments of higher education, Federal schools for Indians, Federal schools on Federal installations, and residential schools for exceptional children. See Appendix III]

STATE	PUBLIC		PRIVATE (est.)		STATE OR OTHER AREA	PUBLIC		PRIVATE (est.)	
	1975	1979	1975	1979		1975	1979	1975	1979
U.S. ¹	2,823.0	2,817.2	310.0	310.0	Missouri.....	62.4	64.2	9.0	7.8
Alabama.....	46.6	47.1	3.4	4.1	Montana.....	12.3	12.1	1.2	.6
Alaska.....	4.2	5.0	.1	.3	Nebraska.....	22.2	23.1	2.7	2.5
Arizona.....	25.7	30.1	1.8	1.6	Nevada.....	7.2	8.3	.3	.4
Arkansas.....	26.8	28.3	.8	1.2	New Hampshire.....	11.1	11.9	1.9	2.5
California.....	² 273.4	² 266.8	21.9	23.8	New Jersey.....	96.0	97.6	16.9	15.2
Colorado.....	35.0	37.2	1.9	2.2	New Mexico.....	18.4	18.8	.8	1.0
Connecticut.....	42.8	38.4	7.3	8.7	New York.....	³ 211.3	208.3	42.8	36.4
Delaware.....	8.2	8.1	1.3	1.4	North Carolina.....	70.1	72.5	2.1	2.9
District of Columbia.....	5.4	5.8	1.4	1.6	North Dakota.....	10.7	10.4	.7	.8
Florida.....	86.5	87.6	6.4	10.4	Ohio.....	158.2	150.7	18.7	17.1
Georgia.....	59.8	62.2	2.4	5.0	Oklahoma.....	37.8	39.2	.9	1.0
Hawaii.....	11.3	11.6	2.3	2.5	Oregon.....	30.7	30.2	1.5	1.5
Idaho.....	12.6	13.4	.2	.3	Pennsylvania.....	163.1	155.4	30.8	29.8
Illinois.....	² 141.3	139.2	25.5	23.7	Rhode Island.....	11.0	11.2	2.0	1.8
Indiana.....	74.0	75.2	5.4	5.2	South Carolina.....	³ 38.3	38.1	2.4	2.9
Iowa.....	43.0	44.5	4.5	4.8	South Dakota.....	11.7	11.1	.7	.7
Kansas.....	32.5	32.1	2.0	2.0	Tennessee.....	49.4	47.4	3.0	5.1
Kentucky.....	42.4	41.4	4.0	4.0	Texas.....	159.5	168.5	4.6	6.7
Louisiana.....	47.7	46.9	9.2	8.9	Utah.....	19.7	20.0	.3	.5
Maine.....	14.8	15.4	1.8	1.9	Vermont.....	6.5	6.7	1.4	1.2
Maryland.....	55.4	55.1	6.9	7.1	Virginia.....	65.6	67.0	4.4	4.5
Massachusetts.....	² 79.0	76.1	15.0	13.3	Washington.....	51.0	51.1	2.7	2.8
Michigan.....	135.5	130.6	15.9	14.1	West Virginia.....	24.6	23.6	.8	.9
Minnesota.....	66.5	66.1	4.8	4.8	Wisconsin.....	71.0	71.3	7.5	7.0
Mississippi.....	27.2	28.2	3.6	3.6	Wyoming.....	5.6	6.0	.1	.1

¹ Includes estimates for nonreporting States. ² Estimated. ³ Includes pupils graduating during summer of 1975.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 261. SCHOLASTIC APTITUDE TEST (SAT) SCORES AND CHARACTERISTICS OF COLLEGE BOUND SENIORS: 1967 TO 1980

TYPE OF TEST AND CHARACTERISTIC	Unit	1967	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
TEST SCORES ¹												
Verbal, total ²	Point.....	466	460	453	445	444	434	431	429	429	427	424
Male.....	Point.....	463	459	454	446	447	437	433	431	433	431	428
Female.....	Point.....	468	461	452	443	442	431	430	427	425	423	420
Math, total ²	Point.....	492	488	484	481	480	472	472	470	468	467	466
Male.....	Point.....	514	509	505	502	501	495	497	497	494	493	491
Female.....	Point.....	467	465	461	460	459	449	446	445	444	443	443
PARTICIPANTS												
Sex:												
Male.....	Percent.....	(NA)	(NA)	52.7	51.0	50.1	49.9	49.5	48.9	48.4	48.3	48.2
Female.....	Percent.....	(NA)	(NA)	47.3	49.0	49.9	50.1	50.5	51.1	51.6	51.7	51.8
Obtaining scores ¹ of—												
600 or above:												
Verbal.....	Percent.....	(NA)	(NA)	11.4	9.7	10.0	7.9	8.0	8.0	7.9	7.7	7.2
Math.....	Percent.....	(NA)	(NA)	17.9	16.7	17.2	15.6	16.3	16.1	15.8	15.0	15.1
400 or below:												
Verbal.....	Percent.....	(NA)	(NA)	32.5	34.8	35.4	37.8	39.7	39.1	39.8	40.7	41.8
Math.....	Percent.....	(NA)	(NA)	23.9	24.3	25.5	28.5	29.1	29.7	29.8	29.9	30.2
Selected intended area of study:												
Business and commerce.....	Percent.....	(NA)	(NA)	(NA)	10	10	11.5	12.6	14.3	16.3	17.8	18.6
Health and medical.....	Percent.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	17.9	17.6	16.4	15.5	14.7
Engineering.....	Percent.....	(NA)	(NA)	(NA)	6	5	8.7	8.4	8.8	9.4	10.1	11.1
Social science.....	Percent.....	(NA)	(NA)	(NA)	(NA)	(NA)	7.7	6.8	8.2	9.0	8.2	7.8
Education.....	Percent.....	(NA)	(NA)	(NA)	10	8	9.1	8.7	8.1	7.2	6.5	6.1
SAT average ¹ by high school rank:												
Top tenth.....	Point.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	552	546	543	541	539
Second tenth.....	Point.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	478	476	472	471	470
Second fifth.....	Point.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	434	434	433	432	431
Third fifth.....	Point.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	386	387	386	386	386

NA. Not available. ¹ Minimum score, 200; maximum score, 800. ² 1967 and 1971 are estimates based on total number of persons taking SAT.

Source: College Entrance Examination Board, New York, N.Y., *National Report on College-Bound Seniors*, annual. (Copyright.)

**NO. 262. HIGH SCHOOL GRADUATES NOT ENROLLED IN COLLEGE AND SCHOOL DROPOUTS—
EMPLOYMENT STATUS, BY SEX AND RACE: 1965 TO 1980**

[In thousands of persons 16 to 21 years old, except percent. As of October. High school graduates: Persons not enrolled in college and includes those who attended college prior to survey date; Dropouts: Persons not in regular school and not high school graduates. Based on samples and subject to sampling variability]

EMPLOYMENT STATUS, SEX, AND RACE	GRADUATES					DROPOUTS				
	1965	1970	1975 ¹	1979 ¹	1980 ¹	1965	1970	1975 ¹	1979 ¹	1980 ¹
Civilian population ²	4,898	5,823	7,179	7,608	7,565	2,986	2,757	3,271	3,442	3,288
In labor force.....	3,769	4,566	5,944	6,551	6,524	1,863	1,611	1,996	2,260	2,185
Percent of population.....	76.9	78.4	82.8	86.1	86.2	62.4	58.4	61.0	65.7	66.4
Employed.....	3,451	4,038	5,055	5,847	5,699	1,585	1,264	1,426	1,787	1,591
Percent of labor force.....	91.6	88.4	85.0	89.3	87.4	85.1	78.5	71.4	79.1	72.8
Male.....	1,512	1,730	2,542	2,939	2,774	1,105	805	952	1,212	1,044
Female.....	1,939	2,308	2,513	2,908	2,925	480	459	474	575	547
White.....	3,116	3,636	4,616	5,285	5,141	1,266	1,011	1,200	1,545	1,396
Black and other.....	335	402	441	^a 489	^a 489	319	253	227	^a 205	^a 169
Unemployed.....	318	528	889	704	825	278	347	570	473	594
Percent of labor force.....	8.4	11.6	15.0	10.7	12.6	14.9	21.5	28.6	20.9	27.2
Male.....	105	236	446	286	457	160	219	330	254	359
Female.....	213	292	443	418	368	118	128	240	219	235
White.....	259	429	712	542	618	203	232	414	348	425
Black and other.....	59	99	178	^a 151	^a 194	75	115	157	^a 114	^a 144
Not in labor force.....	1,129	1,257	1,235	1,057	1,041	1,123	1,146	1,276	1,182	1,103

¹ Not strictly comparable with 1965 and 1970 data. ² Noninstitutional. ³ Data are for Black only.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report*, Nos. 66, 131, 191, 241; and forthcoming report.

NO. 263. HIGH SCHOOL DROPOUTS 14 TO 24 YEARS OLD, BY RACE AND AGE: 1968 TO 1980

[As of October. See headnote, table 262. Total dropouts include races not shown separately]

RACE AND AGE	NUMBER OF DROPOUTS (1,000)						PERCENT OF POPULATION					
	1968	1970	1975	1978	1979	1980	1968	1970	1975	1978	1979	1980
Total dropouts.....	4,650	4,670	4,974	5,240	5,408	5,212	13.1	12.2	11.5	11.9	12.3	12.0
14-17 years.....	721	762	864	852	848	836	4.8	4.8	5.2	5.2	5.3	5.4
18-21 years.....	2,163	2,138	2,557	2,852	2,738	2,578	17.1	16.4	16.3	16.3	16.8	15.8
22-24 years.....	1,766	1,770	1,553	1,736	1,822	1,798	22.3	18.7	14.5	15.2	15.6	15.2
White.....	3,685	3,577	3,861	4,210	4,280	4,169	11.9	10.8	10.5	11.3	11.5	11.3
14-17 years.....	578	603	712	746	709	721	4.5	4.5	5.0	5.4	5.3	5.6
18-21 years.....	1,711	1,618	1,980	2,095	2,149	2,032	15.6	14.3	14.7	15.1	15.5	14.7
22-24 years.....	1,396	1,356	1,169	1,363	1,422	1,416	20.1	16.3	12.6	14.0	14.2	14.0
Black.....	932	1,047	1,024	953	1,016	934	22.2	18.6	16.5	17.5	16.0	16.0
14-17 years.....	193	150	147	103	121	102	7.0	7.4	6.3	4.4	4.5	4.5
18-21 years.....	437	500	540	514	534	486	28.6	30.5	27.0	24.7	25.5	23.0
22-24 years.....	362	397	337	336	361	346	40.5	37.8	27.8	24.5	25.5	24.0

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 362 and earlier reports; and unpublished data.

NO. 264. HIGH SCHOOL AND COLLEGE GRADUATES, BY SEX, AND BY CONTROL: 1950 TO 1979

[In thousands, except percent. Prior to 1960, excludes Alaska and Hawaii. See also table 283; Appendix III; and *Historical Statistics, Colonial Times to 1970*, series H 598-601 and H 752-756]

YEAR OF GRADUATION	HIGH SCHOOL GRADUATES						COLLEGE GRADUATES ²					
	Total		Sex		Control		Bachelor's degrees ³				Master's and doctor's de-grees ⁴	
	Number	Percent of persons 18 years old ¹	Male	Fe-male	Public	Pri-vate, est.	Total	Per 100 high school graduates ⁴ yrs. earlier	Male	Fe-male		
1950.....	1,200	56.0	571	629	(NA)	(NA)	432	40	329	103	65	
1955.....	1,351	64.6	648	703	1,208	143	286	24	183	103	67	
1960.....	1,864	72.4	898	966	1,633	231	392	28	254	138	84	
1965.....	2,665	70.8	1,314	1,351	2,366	298	501	25	289	213	162	
1970.....	2,896	77.1	1,433	1,463	2,596	300	792	30	450	341	274	
1974.....	3,081	75.6	1,515	1,566	2,771	310	946	33	527	418	365	
1975.....	3,140	74.3	1,545	1,595	2,830	310	923	31	505	418	382	
1976.....	3,154	74.5	1,554	1,600	2,844	310	926	31	504	421	408	
1977.....	3,154	74.7	1,548	1,606	2,844	310	920	30	496	424	415	
1978.....	3,147	74.6	1,541	1,606	2,832	315	921	30	487	434	410	
1979.....	3,134	73.3	1,531	1,602	2,824	310	921	29	477	444	334	

NA Not available. ¹ Based on estimated resident population as of July 1. ² Data cover public and private institutions.

³ Through 1960, bachelor's or first professional degree; thereafter, bachelor's degree only. ⁴ Beginning 1965, includes first professional degrees.

Source: U.S. National Center for Education Statistics, *Earned Degrees Conferred*, annual; *Digest of Education Statistics*, annual; and *Projections of Education Statistics*, annual.

NO. 265. COLLEGE ENROLLMENT OF PERSONS 18-24 YEARS OLD, AND PERCENT OF HIGH SCHOOL GRADUATES, BY SEX AND RACE: 1960 TO 1980

(In thousands, except percent. Except as noted, as of October. Covers civilian noninstitutional population)

YEAR	ALL PERSONS			MALE			FEMALE		
	Total ¹	White	Black	Total ¹	White	Black	Total ¹	White	Black
College enrollment:									
1960 ²	2,215	2,081	³ 134	1,334	1,269	³ 65	880	811	³ 69
1970	5,805	5,305	416	3,331	3,096	192	2,474	2,209	225
1975	6,935	6,116	665	3,693	3,326	294	3,243	2,790	372
1980	7,226	6,334	688	3,604	3,224	278	3,625	3,110	410
Percent of high school graduates enrolled:									
1960 ²	23.7	24.2	³ 18.4	30.3	31.1	³ 20.8	17.8	17.9	³ 16.5
1970	32.7	33.2	26.0	41.2	42.3	28.7	25.6	25.6	24.1
1975	32.5	32.4	32.0	36.2	36.4	32.8	29.2	28.6	31.5
1980	31.8	32.0	27.8	33.5	34.0	26.4	30.3	30.2	28.8

¹ Includes other races, not shown separately. ² As of April. ³ Includes Black and other races.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. 1, *Characteristics of the Population*, part 1; *Current Population Reports*, series P-20, Nos. 222, 303, and unpublished data.

NO. 266. HIGHER EDUCATION—SUMMARY: 1960 TO 1979

(Institutions and enrollment as of fall. Finances for fiscal year ending in the following year. Covers universities, colleges, professional schools, junior and teachers colleges, and normal schools, both publicly and privately controlled, regular session. Includes estimates for institutions not reporting. Except as noted, 2-year branch campuses are not counted separately and are included with 4-year institutions. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 680, H 699-705, and H 710]

ITEM	UNIT	1960	1965	1970	1974	1975	1976	1977	1978	1979
Institutions	Number	1,968	2,230	2,556	2,747	2,765	2,785	2,826	2,871	(NA)
4-year	Number	1,447	1,551	1,665	1,744	1,767	1,783	1,808	1,816	(NA)
2-year	Number	521	679	891	1,003	998	1,002	1,018	1,055	(NA)
Branch campuses	Number	(NA)	(NA)	279	265	261	261	269	263	(NA)
Resident staff	1,000	276	412	573	695	781	793	812	809	822
Instructor or above	1,000	236	340	474	567	628	633	650	647	659
Percent full-time	Percent	65.3	72.9	77.8	71.6	70.1	68.6	68.8	68.8	68.4
Total enrollment	1,000	3,789	5,921	8,581	10,224	11,185	11,012	11,286	11,260	11,570
Degree credit	1,000	3,583	5,526	7,920	9,023	9,731	(NA)	(NA)	(NA)	(NA)
Male	1,000	2,257	3,375	4,637	4,969	5,321	5,811	5,789	5,641	5,583
Female	1,000	1,326	2,152	3,284	4,055	4,410	5,201	5,497	5,619	5,887
4-year institutions	1,000	3,131	4,685	6,290	6,825	7,223	7,129	7,243	7,232	7,353
2-year institutions	1,000	451	841	1,630	2,198	2,508	3,883	4,043	4,028	4,217
Full-time	1,000	2,466	3,910	5,489	5,817	6,147	6,717	6,793	6,668	6,794
Part-time	1,000	1,117	1,616	2,431	3,206	3,584	4,295	4,493	4,592	4,776
Public	1,000	2,116	3,624	5,800	6,838	7,426	8,653	8,847	8,786	9,037
Private	1,000	1,467	1,902	2,120	2,185	2,306	2,359	2,439	2,474	2,533
Graduate	1,000	3,565	697	1,031	1,190	1,263	1,085	1,085	1,081	1,070
Undergraduate ⁴	1,000	3,227	4,829	6,889	7,833	8,468	9,927	10,201	10,179	10,500
Male	1,000	2,004	2,910	4,005	4,306	4,621	5,209	5,193	5,057	5,116
Female	1,000	1,223	1,919	2,884	3,527	3,847	4,719	5,008	5,122	5,384
1st time enrolled	1,000	923	1,442	1,780	1,854	1,910	2,347	2,394	2,390	2,503
4-year institutions	1,000	2,776	3,988	5,259	5,635	5,960	6,045	6,158	6,152	6,285
Full-time	1,000	2,077	3,159	4,234	4,429	4,619	4,622	4,703	4,678	4,768
Part-time	1,000	699	829	1,025	1,206	1,341	1,423	1,456	1,474	1,517
2-year institutions	1,000	451	841	1,630	2,198	2,508	3,883	4,043	4,028	4,215
Public	1,000	1,929	3,184	5,076	5,986	6,520	7,924	8,128	8,083	8,337
Private	1,000	1,298	1,645	1,813	1,847	1,948	2,003	2,073	2,096	2,163
Nondegree credit	1,000	206	395	661	1,200	1,453	(NA)	(NA)	(NA)	(NA)
Current funds revenues	Mil. dol.	12,734	23,879	35,687	39,703	43,437	47,034	51,838		
Educational and general ⁵	Mil. dol.	10,285	18,392	(X)	(X)	(X)	(X)	(X)	(X)	
Tuition and fees	Mil. dol.	2,670	5,021	7,233	8,172	9,025	9,855	10,704		
Federal government	Mil. dol.	2,654	2,739	4,991	5,414	5,730	6,113	6,844		
State government	Mil. dol.	2,984	6,589	10,857	12,261	13,286	14,746	16,364		
Auxiliary enterprises	Mil. dol.	2,139	3,125	4,080	4,548	4,920	5,328	5,741		
Other funds revenues ⁶	Mil. dol.	(NA)	(NA)	1,653	4,083	4,442	5,201	5,212	6,100	
Plant funds ⁷	Mil. dol.	(NA)	3,484	(NA)	3,311	3,910	3,417	3,293	3,676	(NA)
Increase in fund balance ⁸	Mil. dol.	663	498	486	959	1,117	1,032	1,373		
Current expenditures ⁹	Mil. dol.	12,509	23,375	35,058	38,903	42,600	45,791	50,721		
Educational and general ⁹	Mil. dol.	9,951	17,616	27,548	30,598	33,152	36,257	39,833		
Auxiliary enterprises and activities	Mil. dol.	1,888	2,988	4,074	4,477	4,858	5,261	5,750		
Gross addition to plant value	Mil. dol.	3,125	4,165	4,761	4,702	4,623	4,527	4,576		
Value of plant	Mil. dol.	26,851	46,054	62,183	66,348	70,739	74,771	78,638		
Endowment (book value)	Mil. dol.	8,766	11,341	13,403	13,952	14,747	15,568	16,804		

NA Not available. X Not applicable. ¹ Total enrollment, degree and nondegree credit. ² Branch campuses classified according to actual status, e.g., 2-year branch included in 2-year category. ³ Includes resident only. ⁴ Includes first-professional enrollment and unclassified students. ⁵ Includes items not shown separately. ⁶ Beginning 1970, includes "major public service programs" previously reported under "Educational and general." ⁷ Beginning 1974, annual net increase in plant funds. ⁸ Includes endowment, and, beginning 1974, annuity and student loans. See table 268. ⁹ Beginning 1974, not strictly comparable with earlier years.

Source: U.S. National Center for Education Statistics, *Digest of Educational Statistics*, annual.

No. 267. COLLEGE ENROLLMENT, BY SEX AND RACE: 1960 TO 1980

[In thousands, except percent. As of October. Covers civilian noninstitutional population. Degree-credit enrollment only]

PERSONS 14-34 YEARS OLD	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	PERCENT		
											1960	1970	1980
Total ¹	3,570	5,675	7,413	8,827	9,697	9,950	10,217	9,838	9,978	10,180	100.0	100.0	100.0
Male	2,339	3,503	4,401	4,926	5,342	5,296	5,369	5,124	4,993	5,025	65.5	59.4	49.4
18-24.....	1,648	2,721	3,331	3,411	3,693	3,673	3,712	3,621	3,508	3,604	46.2	44.9	35.4
25-34.....	592	669	940	1,371	1,521	1,518	1,546	1,396	1,356	1,325	16.6	12.7	13.0
Female	1,231	2,172	3,013	3,901	4,355	4,654	4,848	4,714	4,986	5,155	34.5	40.6	50.6
18-24.....	950	1,760	2,474	2,905	3,243	3,508	3,431	3,373	3,482	3,625	26.6	33.4	35.6
25-34.....	156	261	409	831	947	971	1,255	1,173	1,319	1,378	4.4	5.5	13.5
White.....	3,342	5,317	6,759	7,781	8,516	8,644	8,612	8,514	8,709	8,875	93.6	91.2	87.2
Male	2,214	3,326	4,066	4,367	4,774	4,658	4,717	4,508	4,400	4,438	62.0	54.8	43.6
Female	1,128	1,991	2,693	3,413	3,743	3,986	4,095	4,006	4,309	4,437	31.6	36.3	43.6
Black.....	*227	274	522	814	948	1,062	1,103	1,020	1,002	1,007	*6.4	7.0	9.9
Male	*125	126	253	422	442	489	490	452	434	437	*3.5	3.4	4.3
Female	*102	148	269	392	506	573	614	569	568	570	*2.9	3.6	5.6

¹ Includes other races, not shown separately. ² Includes races other than White.Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 110, 162, 335, 346, 360, and 362.

No. 268. JUNIOR (TWO-YEAR) COLLEGES—NUMBER AND ENROLLMENT: 1960 TO 1979

[As of fall. Prior to 1973, excludes two-year branches of universities and other four-year institutions. 1960 covers degree-credit students only. See *Historical Statistics, Colonial Times to 1970*, series H 690-692 and H 705, for related but not comparable data. See also Appendix III]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Institutions	Number	521	679	892	1,140	1,139	1,128	1,133	1,157	1,193	1,195
Public.....	Number.....	315	420	654	891	897	897	905	921	924	926
Private.....	Number.....	206	259	238	249	242	231	228	236	269	269
Enrollment	1,000	451	1,173	2,223	3,010	3,404	3,970	3,883	4,043	4,028	4,217
Public.....	1,000.....	392	1,041	2,102	2,890	3,285	3,836	3,752	3,902	3,874	4,057
Private.....	1,000.....	59	132	121	120	119	134	132	141	154	160
Male	1,000	282	734	1,317	1,651	1,832	2,165	1,980	1,965	1,885	1,922
Female	1,000	169	439	906	1,359	1,572	1,805	1,903	2,078	2,143	2,295

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 269. COLLEGE ENROLLMENT OF DEPENDENT FAMILY MEMBERS, 18 TO 24 YEARS OLD, BY FAMILY INCOME: 1979

[In thousands, except as indicated. As of October. Covers civilian noninstitutional population. Degree credit enrollment. A dependent family member is a relative of the person maintaining the family other than the spouse. Such persons are generally sons and daughters within the family. Based on Current Population Survey; see text, p. 1. For definition of median, see Guide to Tabular Presentation]

INCOME CLASS	ALL RACES ¹			WHITE			BLACK		
	Total	In college		Total	In college		Total	In college	
		Number	Per cent		Number	Per cent		Number	Per cent
All income levels	12,246	5,320	43.4	10,301	4,601	44.7	1,679	584	34.8
Under \$10,000.....	1,911	589	30.8	1,161	363	31.3	700	204	29.1
\$10,000 to \$14,999.....	1,584	575	36.3	1,215	443	36.5	313	104	33.2
\$15,000 to \$19,999.....	1,565	660	42.2	1,347	556	41.3	183	84	45.9
\$20,000 to \$24,999.....	1,810	760	42.0	1,593	667	41.9	189	80	42.3
\$25,000 and over.....	4,171	2,232	53.5	3,970	2,135	53.8	142	63	44.4
Not reported.....	1,205	503	41.7	1,016	442	43.5	151	48	31.8
Median family income.....	\$21,272	\$23,845	(X)	\$22,886	\$25,000+	(X)	\$11,022	\$13,077	(X)

X Not applicable. ¹ Includes other races, not shown separately.Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 360.

NO. 270. INSTITUTIONS OF HIGHER EDUCATION—NUMBER AND ENROLLMENT OF TOTAL AND OF FIRST-TIME STUDENTS, BY STATES AND OTHER AREAS: 1970 AND 1980

[Number of institutions for academic year beginning 1980. Opening fall enrollment of resident and extension students attending full-time or part-time. Excludes students taking courses at home for credit, by mail, radio, or TV, and students in branches of U.S. institutions operated in foreign countries. See Appendix III]

STATE OR OTHER AREA	1970		Number of institutions ¹	1980							
	Total enrollment (1,000)	First-time students (1,000)		ENROLLMENT (1,000)							
				Total	Male	Female	Public	Private	First-time	Full-time	Part-time
U.S.	8,580.9	2,063.4	3,231	12,114.9	5,884.1	6,230.8	9,478.6	2,636.4	2,601.0	7,102.2	5,012.7
N.E.	560.1	141.5	250	765.6	366.3	399.3	390.6	375.0	166.4	477.2	288.4
Maine	34.1	10.0	28	43.3	21.2	22.1	31.9	11.4	9.9	30.2	13.1
N.H.	29.4	7.6	25	46.8	23.6	23.2	24.1	22.7	12.1	35.2	11.6
Vt.	22.2	6.0	21	30.6	13.8	16.9	18.0	12.6	6.7	23.1	7.6
Mass.	303.8	76.1	116	418.4	200.5	217.9	193.8	234.7	89.9	261.4	157.0
R.I.	45.9	10.7	13	66.9	32.4	34.5	35.1	31.8	12.8	41.6	25.3
Conn.	124.7	31.1	47	159.6	74.9	84.8	97.8	61.8	35.0	85.8	73.8
M.A.	1,433.6	319.5	555	1,821.1	871.3	949.8	1,102.8	718.4	355.7	1,147.0	674.1
N.Y.	806.5	172.1	293	991.8	470.9	520.9	563.3	428.6	182.4	634.5	357.3
N.J.	216.1	56.9	62	321.6	148.1	173.5	247.0	74.6	64.7	168.5	153.1
Pa.	411.0	90.5	200	507.7	252.3	255.4	292.5	215.2	108.6	344.0	163.8
E.N.C.	1,615.9	388.7	524	2,169.9	1,059.0	1,110.9	1,751.6	418.3	516.1	1,270.3	899.5
Ohio	376.3	88.4	135	489.1	242.7	246.5	381.8	107.4	110.9	308.9	180.3
Ind.	192.7	43.3	74	247.3	126.6	120.7	189.2	58.0	57.0	165.6	81.7
Ill.	452.1	114.8	157	644.2	306.5	337.7	491.3	153.0	148.4	332.4	311.8
Mich.	392.7	90.8	93	520.1	251.2	269.0	454.1	66.0	125.0	286.9	233.2
Wis.	202.1	51.4	65	269.1	132.0	137.0	235.2	33.9	74.8	176.6	92.5
W.N.C.	685.1	165.8	335	878.1	436.5	441.6	680.2	197.9	205.2	593.3	284.8
Minn.	160.8	36.7	70	210.3	101.5	108.8	166.0	44.3	43.0	143.9	66.4
Iowa	108.9	29.3	61	140.4	71.7	68.7	97.5	43.0	39.1	108.0	32.4
Mo.	183.9	41.3	86	234.4	117.7	116.7	165.2	69.2	50.4	148.4	86.0
N. Dak.	31.5	9.4	16	34.1	17.9	16.2	31.7	2.4	10.3	28.3	5.8
S. Dak.	30.6	7.7	20	32.8	16.5	16.2	24.3	8.4	8.0	25.5	7.2
Nebr.	66.9	15.3	30	89.5	45.3	44.2	73.5	16.0	24.4	55.6	33.9
Kans.	102.5	26.1	52	136.6	65.9	70.7	122.0	14.6	30.0	83.5	53.1
S.A.	1,070.6	277.6	524	1,723.7	817.6	906.1	1,365.3	358.3	349.1	1,036.2	687.5
Del.	25.3	8.8	10	32.9	14.6	18.3	28.3	4.6	8.5	21.8	11.1
Md.	149.6	33.6	57	225.5	100.9	124.6	195.1	30.5	48.9	111.1	114.4
D.C.	77.2	10.4	18	86.7	43.5	43.2	13.9	72.8	14.6	49.2	37.5
Va.	151.9	43.4	69	280.5	127.6	152.9	246.5	34.0	40.5	161.6	119.0
W. Va.	63.2	15.9	28	82.0	38.5	43.4	71.2	10.7	16.1	49.5	32.4
N.C.	171.9	57.2	126	287.5	136.6	150.9	228.2	59.4	69.7	196.7	90.8
S.C.	69.5	23.8	61	132.5	66.3	66.2	107.7	24.8	35.4	94.5	38.0
Ga.	126.5	27.6	76	184.2	91.0	93.1	140.2	44.0	34.9	126.7	57.5
Fla.	235.5	56.9	79	411.9	198.5	213.4	334.3	77.5	80.4	225.1	186.8
E.S.C.	411.6	98.8	233	614.3	293.3	321.1	506.1	108.3	140.4	429.8	184.5
Ky.	98.6	21.3	57	143.1	66.8	76.3	114.9	28.2	31.1	96.9	46.1
Tenn.	135.1	29.1	77	204.6	99.0	105.6	156.8	47.7	45.0	137.6	67.0
Ala.	103.9	25.5	57	164.3	80.1	84.2	143.7	20.6	40.6	119.5	44.8
Miss.	74.0	22.9	42	102.4	47.4	55.0	90.7	11.7	23.6	75.8	26.6
W.S.C.	725.1	170.1	265	1,096.6	552.0	544.6	953.5	143.1	250.1	686.4	410.2
Ark.	52.0	13.5	35	77.6	37.3	40.3	66.1	11.5	19.1	58.0	19.7
La.	120.7	27.2	32	160.1	78.3	81.8	136.7	23.4	33.7	116.2	43.9
Okla.	110.2	27.4	45	157.6	79.1	78.5	137.2	20.4	32.7	98.1	59.5
Tex.	442.2	102.0	153	701.4	357.4	344.0	613.6	87.8	164.6	414.3	287.1
Mt.	452.8	107.9	146	657.7	330.6	327.1	581.4	76.3	150.2	380.1	277.6
Mont.	30.1	7.3	16	35.2	17.6	17.5	31.2	4.0	7.8	26.2	9.0
Idaho	34.6	11.6	9	43.0	21.4	21.6	34.5	8.5	11.4	29.0	14.0
Wyo.	15.2	4.8	9	21.1	9.9	11.3	21.1	(2)	5.2	12.2	9.0
Colo.	123.4	28.9	44	162.9	82.9	80.0	145.6	17.3	29.3	105.1	57.8
N. Mex.	44.5	9.4	19	58.3	28.1	30.2	55.1	3.2	9.6	36.6	21.7
Ariz.	109.6	25.9	28	202.7	98.9	103.8	194.0	8.7	61.3	90.2	112.5
Utah	81.7	16.6	14	94.0	52.4	41.6	59.6	34.4	19.9	67.3	26.7
Nev.	13.7	3.4	7	40.5	19.4	21.1	40.3	.2	5.8	13.5	26.9
Pac.	1,609.0	388.9	389	2,338.1	1,111.6	1,226.5	2,097.4	240.7	463.0	1,032.2	1,305.9
Wash.	183.5	53.3	49	303.6	141.3	162.3	276.0	27.6	24.8	158.3	145.3
Oreg.	122.2	37.7	45	157.5	78.3	79.1	140.1	17.4	45.0	91.2	66.3
Calif.	1,257.2	284.8	268	1,808.6	859.8	948.7	1,617.4	191.2	373.4	747.8	1,060.7
Alaska	9.5	2.2	15	21.3	8.5	12.8	20.6	.7	10.8	5.7	15.6
Hawaii	36.6	10.9	12	47.2	23.6	23.6	43.3	3.9	9.1	29.1	18.0
U.S. military ²	17.1	4.3	10	49.8	45.9	4.0	49.8	-	4.6	49.7	.1
Other ³	67.3	16.2	38	137.7	56.3	81.5	60.7	77.1	37.5	106.9	30.9
P. Rico	63.1	15.5	34	131.2	53.7	77.5	54.1	77.1	36.3	104.1	27.1
Guam	2.7	.6	1	3.2	1.4	1.8	3.2	-	.7	1.6	1.6
Virgin Is.	1.4	.2	1	2.1	.6	1.5	2.1	-	.2	.5	1.8

- Represents zero. Z Less than 50. ¹ Branch campuses counted separately. ² Military academies. ³ Includes American Samoa and Trust Territory, not shown separately.

Source: U.S. National Center for Education Statistics, *Fall Enrollment in Higher Education*, annual.

NO. 271. COLLEGE ENROLLMENT BY MAJOR FIELD OF STUDY AND SEX: 1966 TO 1978

[In thousands, except percent. As of October. Covers civilian noninstitutional population 14 to 34 years old. Degree-credit enrollment only. Based on Current Population Survey; see text, p. 1]

MAJOR FIELD OF STUDY	1966, total	1972, total	1974			1978			PERCENT DISTRIBUTION		
			Total	Male	Female	Total	Male	Female	1966	1972	1978
Total enrollment ¹	5,999	8,313	8,827	4,926	3,901	9,838	5,124	4,714	100.0	100.0	100.0
Agriculture, forestry	73	97	104	90	14	² 144	² 82	² 62	1.2	1.2	² 1.5
Biological sciences	602	257	327	193	134	302	155	148	10.0	3.1	3.1
Health, medical profession	888	1,157	1,376	298	514	872	303	569	14.8	13.9	19.9
Business, commerce	1,118	1,007	1,158	318	841	1,956	1,138	819	18.6	12.1	7.9
Education	534	357	410	382	28	565	498	66	8.9	4.3	5.7
Engineering	620	291	264	109	156	192	68	125	10.3	3.5	2.0
English, journalism	(NA)	455	404	209	194	741	325	416	(NA)	5.5	7.5
Other humanities	(NA)	237	271	208	63	220	150	70	(NA)	2.9	2.2
Mathematics, statistics	236	239	168	93	75	142	90	52	3.9	2.9	1.4
Physical sciences	226	157	134	97	36	193	132	61	3.8	1.9	2.0
Social sciences	642	954	771	429	342	763	374	389	10.7	11.5	7.8

NA Not available. ¹Includes other, not shown separately. ²Includes home economics. ³Includes computer sciences.
Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 183, 260, 289, and 351.

NO. 272. ENROLLMENT IN INSTITUTIONS OF HIGHER EDUCATION, BY SPECIFIED MINORITY GROUPS, 1968 TO 1978, AND BY GEOGRAPHIC DIVISION, 1978

[Enrollment in thousands, except percent. As of fall. Prior to 1976, excludes Alaska and Hawaii. Covers full-time undergraduate students in 2-year and 4-year institutions taking credits equal to at least 75 percent of a normal load. Excludes federally controlled institutions. For composition of divisions, see fig. 1, inside front cover]

YEAR AND GEOGRAPHIC DIVISION	Number of institutions	Total enroll- ment	BLACK ENROLLMENT		ENROLLMENT OF OTHER MINORITY GROUPS				
			Number	Percent	Total	Per- cent	American Indian	Asian American	Spanish- surnamed American
1968, total	2,054	4,820	287	6.0	169	3.5	29	48	91
1970, total	2,516	4,966	345	6.9	181	3.7	27	52	103
1972, total	2,665	5,531	459	8.3	219	4.0	32	57	130
1974, total	2,808	5,639	508	9.0	255	4.5	33	64	158
1976, total	2,821	5,755	605	10.5	331	5.8	38	101	191
1978, total	2,897	5,664	601	10.6	346	6.1	36	114	196
New England	236	395	15	3.9	10	2.7	1	4	5
Middle Atlantic	473	941	98	10.4	57	6.1	3	14	39
East North Central	467	1,016	99	9.7	24	2.4	4	8	13
West North Central	298	478	18	3.8	10	2.2	4	3	3
South Atlantic	494	832	158	19.0	24	2.8	3	6	15
East South Central	216	361	77	21.3	3	.8	1	1	1
West South Central	244	553	72	13.0	51	9.3	5	4	43
Mountain	129	306	7	2.2	29	9.6	6	4	20
Pacific	340	782	57	7.3	137	17.5	10	70	57

Source: U.S. Office for Civil Rights, *Undergraduate Enrollment by Ethnic Group in Federally Funded Institutions of Higher Education, Fall 1968* and, beginning 1970, *Racial and Ethnic Enrollment Data From Institutions of Higher Education*, biennial.

NO. 273. FOREIGN (NONIMMIGRANT) STUDENT ENROLLMENT IN INSTITUTIONS OF HIGHER EDUCATION, BY REGION OF ORIGIN, 1975 TO 1980, AND BY FIELD OF STUDY, 1980

REGION OF ORIGIN	ENROLLMENT (1,000)						REGION OF ORIGIN	1980, PERCENT ENROLLED IN—		
	1975	1976	1977	1978	1979	1980		Engi- neering	Sci- ence ¹	Busi- ness
All regions ²	³ 155	179	203	237	264	286	All regions ²	25	8	16
Africa	18	25	26	30	34	36	Africa	20	9	19
Asia ⁴	82	97	109	131	147	165	Asia ⁴	32	8	16
Taiwan	10	11	12	14	16	18	Taiwan	27	15	17
Hong Kong	11	12	11	12	11	10	Hong Kong	22	9	26
India	10	10	9	9	9	9	India	31	16	21
Iran	14	20	23	36	45	51	Iran	45	7	11
Europe	14	14	17	19	22	23	Europe	15	9	14
Latin America ⁵	26	30	37	39	41	42	Latin America ⁵	20	8	14
North America	8	10	11	13	16	16	North America	8	6	13
Canada	9	10	11	13	15	15	Canada	8	6	12
Oceania	5	3	3	4	4	4	Oceania	5	7	16

¹ Physical and life sciences. ² Includes those with no country of citizenship. ³ Distribution by region estimated for 30,416 students whose origin was unknown. ⁴ Includes countries not shown separately. ⁵ Includes Mexico, Central America, and Caribbean.

Source: Institute of International Education, New York, N.Y., *Open Doors*, annual. (Copyright.)

**NO. 274. MAJOR FEDERAL STUDENT FINANCIAL ASSISTANCE PROGRAMS—TYPE OF PROGRAM,
NUMBER OF RECIPIENTS, AND FUNDS UTILIZED: 1970 TO 1982**

[For years ending June 30, except College Work-Study for calendar year 1970 and, beginning 1976, Guaranteed Student Loan as of September 30. For information on various programs, see source. Funds utilized exclude operating costs, etc. and represent funds given to students.]

PROGRAM	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981, prel.	1982, proj.
Basic Educational Opportunity Grants: ²											
Number of recipients.....	1,000.....	(x)	185.2	573.4	1,228.0	1,945.4	1,864.0	1,893.0	2,537.9	2,600.0	2,700.0
Funds utilized.....	Mil. dol.....	(x)	50	357	937	1,474	1,588	1,561	2,505	2,415	2,446
Average grant.....	Dollars.....	(x)	269	621	763	757	852	825	987	893	906
Supplemental Educational Opportunity Grants: ²											
Number of recipients.....	1,000.....	258.2	331.5	395.0	390.0	449.0	499.0	510.0	620.0	650.0	652.0
Funds utilized.....	Mil. dol.....	113	189	200	201	244	243	266	333	355	361
Average grant.....	Dollars.....	440	571	506	513	543	489	522	537	551	554
National Direct Student Loans:											
Number of recipients.....	1,000.....	456.0	655.0	680.0	690.0	764.0	795.1	808.6	861.4	861.0	780.2
Loan funds utilized ³	Mil. dol.....	246	433	440	460	560	615	640	646	711	648
Average loan.....	Dollars.....	540	661	647	667	732	773	792	825	826	830
Loans in default.....	Mil. dol.....	(NA)	(NA)	(NA)	(NA)	582	702.5	(NA)	(NA)	(NA)	(NA)
Default rate ⁴	Percent.....	(NA)	(NA)	(NA)	(NA)	16.9	17.4	16.0	(NA)	(NA)	(NA)
College Work-Study:											
Number of recipients.....	1,000.....	385.0	556.0	570.0	575.0	697.0	845.3	852.5	971.5	975.6	980.0
Funds utilized ³	Mil. dol.....	173	298	295	295	436	469	488	597	607	613
Average annual earnings.....	Dollars.....	450	532	518	518	626	555	573	614	622	625
Guaranteed Student Loans:											
Number of loans.....	1,000.....	863.0	937.5	990.4	⁵ 1,298.6	972.6	1,085.0	1,509.5	2,314.0	(NA)	(NA)
Loan funds utilized.....	Mil. dol.....	811	1,139	1,298	⁵ 1,828	1,537	1,959	2,984	4,840	(NA)	(NA)
Average loan.....	Dollars.....	940	1,215	1,311	⁵ 1,408	1,581	1,806	1,977	2,091	(NA)	(NA)
Loans in default.....	Mil. dol.....	(NA)	(NA)	(NA)	(NA)	797	1,004	1,226	1,439	(NA)	(NA)
Default rate ⁴	Percent.....	(NA)	(NA)	(NA)	(NA)	10.3	11.0	11.5	12.5	(NA)	(NA)

NA Not available. X Not applicable.

¹ Beginning Oct. 1, 1980, Pell Grant. ² For 1970, data represents Educational Opportunity Grants Program.

³ Includes institutional matching funds. ⁴ Loans in default as a percent cumulative matured loans. ⁵ Data for 15 months, July 1, 1975 to September 30, 1976.

Source: U.S. Dept. of Education, Office of Student Financial Assistance, *Program Book*, 1981.

NO. 275. INSTITUTIONS OF HIGHER EDUCATION—CHARGES: 1965 TO 1981

[In dollars. Estimated. Represents average charges per full-time resident degree-credit student. Tuition and fees were calculated on the basis of full-time equivalent students. Room and board were based on full-time students]

ACADEMIC YEAR ENDING AND CONTROL	TUITION AND REQUIRED FEES				BOARD RATES				DORMITORY CHARGES			
	All institutions	2-yr. col- leges	4-yr. univer- sities	Other 4-yr. schools	All institutions	2-yr. col- leges	4-yr. univer- sities	Other 4-yr. schools	All institutions	2-yr. col- leges	4-yr. univer- sities	Other 4-yr. schools
1965: Public.....	243	99	298	224	436	361	462	402	271	178	291	241
Nonpublic.....	1,088	702	1,297	1,023	488	464	515	479	331	289	390	308
1970: Public.....	323	178	427	306	511	465	540	483	370	308	395	347
Nonpublic.....	1,533	1,034	1,809	1,469	562	547	608	543	436	413	500	409
1975: Public.....	432	277	599	448	625	638	634	613	506	424	527	497
Nonpublic.....	2,117	1,367	2,614	1,954	700	660	771	666	586	564	691	536
1979: Public.....	554	354	770	614	796	796	827	764	659	535	689	647
Nonpublic.....	2,793	1,764	3,643	2,562	904	866	1,021	851	780	714	940	710
1980: Public.....	595	350	836	655	869	860	902	835	717	551	750	706
Nonpublic.....	3,108	1,925	3,970	2,850	973	926	1,112	907	846	746	1,018	770
1981: ¹ Public.....	657	387	934	724	956	946	992	918	792	601	829	780
Nonpublic.....	3,434	2,128	4,387	3,149	1,053	1,019	1,223	998	935	813	1,125	851
Average annual percent change, public:												
1965-1970.....	5.9	12.5	7.5	6.4	3.2	5.2	3.2	3.7	6.4	11.6	6.3	7.6
1970-1975.....	6.0	9.3	7.0	7.9	4.1	6.5	3.3	4.9	6.5	6.6	5.9	7.5
1975-1980.....	6.6	4.8	6.9	7.9	6.8	6.2	7.3	6.4	7.2	5.4	7.3	7.3
1975-1981.....	7.2	5.7	7.7	8.3	7.3	6.8	7.8	7.0	7.8	6.0	7.8	7.8

¹ Preliminary estimate.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual, and *Projections of Education Statistics*, annual.

NO. 276. INSTITUTIONS OF HIGHER EDUCATION—FINANCES: 1970 TO 1979

[In millions of dollars. For fiscal years ending in year shown. For coverage, see headnote, table 266. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 729-738 and H 747-749]

ITEM	1970	1975	1976	1977	1978	1979		
						Total	Public	Private
Current funds revenues	21,515	35,687	39,703	43,437	47,034	51,838	34,527	17,310
Educational and general	16,486	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Tuition and fees	4,420	7,233	8,172	9,025	9,855	10,704	4,381	6,324
Federal government	2,682	4,991	5,414	5,730	6,113	6,844	4,477	2,367
State government	5,788	10,857	12,261	13,286	14,746	16,364	16,018	346
Local government	775	1,424	1,617	1,627	1,744	1,573	1,461	112
Endowment earnings	447	718	687	765	832	985	154	832
Private gifts, grants, and contracts ¹	1,001	1,745	1,917	2,105	2,320	2,489	836	1,653
Related activities ²	1,373	555	645	779	883	1,037	696	338
Auxiliary enterprises	2,900	4,080	4,548	4,920	5,328	5,741	3,628	2,113
Other funds revenues	2,129	4,083	4,442	5,201	5,212	6,100	2,874	3,226
Plant funds ³	(NA)	3,311	3,910	3,417	3,293	3,676	2,706	971
Increase in fund balance	368	486	959	1,117	1,032	1,373	348	1,024
Endowment	368	229	649	802	758	1,100	249	851
Annuity and life income	(NA)	26	53	52	45	69	7	62
Loans	(NA)	231	257	263	229	203	92	111
Current funds expenditures⁴	21,403	35,058	38,903	42,600	45,971	50,721	33,733	16,988
Educational and general	27,548	30,598	33,152	36,257	39,833	39,833	27,490	12,343
Instruction	11,798	13,095	14,031	15,336	16,663	16,663	12,085	4,597
Institutional support	3,057	3,615	3,762	4,142	4,557	4,557	2,846	1,712
Research	3,132	3,287	3,600	3,920	4,448	4,448	2,943	1,504
Plant operation ⁵	2,787	3,083	3,437	3,795	4,179	4,179	2,914	1,265
Academic support	2,256	2,472	2,795	3,130	3,471	3,471	2,499	972
Libraries	1,002	1,224	1,250	1,349	1,427	1,427	953	474
Student services	(NA)	1,439	1,625	1,828	2,035	2,275	1,554	721
Scholarships and fellowships	1,450	1,636	1,770	1,839	1,945	1,945	862	1,083
Unrestricted funds	632	687	749	818	883	883	326	557
Restricted funds	818	949	1,021	1,021	1,061	1,061	535	526
Public service	1,098	1,239	1,343	1,425	1,593	1,593	1,334	259
Mandatory transfers	532	546	585	634	703	703	474	230
Auxiliary enterprises ⁴	4,074	4,477	4,858	5,261	5,750	3,658	2,092	
Hospitals ⁴	2,351	2,696	3,155	3,598	4,131	2,522	1,609	
Independent operations ⁴	1,087	1,132	1,435	855	1,007	62	945	
Gross addition to plant value ⁶	4,233	4,761	4,702	4,623	4,527	4,576	3,377	1,198
Value of plant (grounds, buildings, equipment)	42,094	62,183	66,348	70,739	74,771	78,838	53,697	24,941
Endowment (book value)⁷	10,854	13,403	13,952	14,747	15,568	16,804	3,385	13,419

NA Not available. X Not applicable. ¹ Private grants represent nongovernmental revenue for sponsored research and other sponsored programs. Beginning 1975, includes private contracts. ² 1970 represents related activities, sales and services of educational departments, and other miscellaneous; beginning 1975, sales and services of educational departments only.

³ Beginning 1975, annual net increase in plant funds. ⁴ Includes mandatory transfers which are primarily current expenditures for plant. ⁵ Includes maintenance. ⁶ Includes expenditures from current funds for plant expansion. ⁷ Includes funds functioning as endowment funds.

Source: U.S. National Center for Education Statistics, *Financial Statistics of Institutions of Higher Education*, annual.

NO. 277. VOLUNTARY FINANCIAL SUPPORT OF HIGHER EDUCATION: 1965 TO 1980

[For school years ending in years shown; enrollment as of fall of preceding year. Voluntary support, as defined in *Gift Reporting Standards*, excludes income from endowment and other invested funds as well as all support received from Federal, State, and local governments and their agencies]

ITEM	Unit	1965	1970	1974	1975	1976	1977	1978	1979	1980
Estimated support, total¹	Mil. dol	1,400	1,780	2,240	2,160	2,410	2,670	3,040	3,230	3,800
Foundations	Mil. dol	402	484	535	497	549	558	623	701	903
Individuals	Mil. dol	628	822	1,065	1,002	1,157	1,284	1,480	1,521	1,757
Alumni	Mil. dol	280	381	509	486	588	638	714	785	910
Business corporations	Mil. dol	196	269	354	357	379	446	508	556	696
Religious denominations	Mil. dol	101	102	116	112	130	136	158	161	155
Current operations	Mil. dol	603	951	1,300	1,370	1,480	1,620	1,825	2,010	2,250
Capital purposes	Mil. dol	797	829	940	790	930	1,050	1,215	1,220	1,550
Enrollment, higher education	1,000	(NA)	8,005	9,602	10,224	11,291	11,121	11,415	11,392	11,707
Support per student	Dollars	(NA)	222	233	211	213	240	266	284	325
In 1967 dollars	Dollars	(NA)	196	166	137	128	136	141	138	140
Expenditures, higher education	Bil. dol	24.7	34.3	38.9	42.7	45.5	50.0	54.0	58.5	
Expenditures per student	Dollars	(NA)	3,090	3,570	3,805	3,780	4,090	4,380	4,740	4,997
In 1967 dollars	Dollars	(NA)	2,730	2,540	2,460	2,280	2,325	2,324	2,297	2,153
Institutions reporting support	Number	1,064	1,045	988	986	991	1,005	1,065	972	1,019
Total support reported	Mil. dol	1,245	1,472	1,747	1,675	1,891	2,139	2,348	2,556	3,055
Private 4-year institutions	Mil. dol	1,032	1,154	1,342	1,227	1,396	1,559	1,702	1,823	2,171
Public 4-year institutions	Mil. dol	195	292	386	431	477	562	623	715	856
Junior colleges	Mil. dol	18	26	19	17	18	18	23	18	22

NA Not available. ¹ Includes other contributions not shown separately.

Source: Council for Financial Aid to Education, New York, N.Y., *Voluntary Support of Education*, annual.

NO. 278. HIGHER EDUCATION PRICE INDEXES: 1965 TO 1980

[1967=100. For years ending June 30. Reflects prices paid by colleges and universities. For explanation of average annual percent change, see Guide to Tabular Presentation]

YEAR	Index, total	Average annual percent change	PERSONNEL COMPENSATION				CONTRACTED SERVICES, SUPPLIES, AND EQUIPMENT					
			Total	Professional salaries	Nonprofessional salaries	Fringe benefits	Total	Services	Supplies and materials	Equipment	Books, periodicals	Utilities
1965.....	91	¹ 4.3	89	89	94	78	96	95	96	95	91	100
1970.....	121	² 5.9	124	121	118	146	111	113	106	111	121	104
1972.....	136	³ 5.4	138	133	136	180	126	126	113	119	164	122
1973.....	143	5.3	146	138	144	198	132	132	116	123	177	129
1974.....	153	7.1	155	145	153	222	145	138	132	131	195	158
1975.....	166	8.6	166	154	166	241	169	150	164	154	220	203
1976.....	177	6.6	176	162	179	267	180	157	172	163	252	219
1977.....	189	6.5	187	169	192	295	195	167	181	172	268	258
1978.....	201	6.7	199	173	207	324	209	176	188	183	286	293
1979.....	217	7.7	215	189	223	367	226	187	203	198	316	321
1980.....	238	9.9	232	202	243	409	261	202	239	216	364	409

¹ Change from 1964. ² Change from 1965.

³ Change from 1971.

Source: U.S. National Institute of Education, *Higher Education Prices and Price Indexes, 1978*, with annual supplements; and National Association of College and University Business Officers, *The Business Officer*, October 1980.

NO. 279. MONTHLY SALARY OFFERS TO CANDIDATES FOR DEGREES: 1975 TO 1980

[In dollars. Data are average beginning salaries based on offers made by business, industrial, government, and nonprofit and educational employers to graduating students. Data from representative colleges throughout U.S.]

FIELD OF STUDY	BACHELOR'S				MASTER'S ¹				DOCTOR'S			
	1975	1978	1979	1980	1975	1978	1979	1980	1975	1978	1979	1980
Accounting.....	981	1,124	1,206	1,293	(NA)	1,332	1,416	1,517	(NA)	(NA)	(NA)	(NA)
Business, general ²	843	993	1,102	1,218	1,250	1,498	1,611	1,795	(NA)	(NA)	(NA)	(NA)
Marketing ³	801	960	1,040	1,145	(NA)	(NA)	(NA)	1,794	(NA)	(NA)	(NA)	(NA)
Engineering: Civil.....	1,064	1,288	1,402	1,554	1,183	1,463	1,595	1,753	1,382	1,830	2,260	2,089
Chemical.....	1,196	1,513	1,642	1,801	1,310	1,629	1,779	1,947	1,645	2,074	2,231	2,452
Electrical ⁴	1,081	1,367	1,520	1,690	1,228	1,557	1,731	1,912	1,550	1,974	2,221	2,534
Mechanical.....	1,122	1,404	1,536	1,703	1,274	1,571	1,716	1,893	1,624	2,030	2,160	2,426
Chemistry.....	956	1,191	1,332	1,459	1,118	1,426	1,552	1,688	1,503	1,859	2,017	2,261
Mathematics.....	915	1,185	1,324	1,475	1,138	1,417	1,502	1,685	1,523	1,880	2,070	2,199
Physics.....	(NA)	(NA)	(NA)	(NA)	1,216	(NA)	(NA)	(NA)	1,473	1,904	2,093	2,303
Humanities.....	723	871	983	1,074	931	1,008	1,132	1,309	(NA)	(NA)	(NA)	(NA)
Social sciences ⁵	770	893	972	1,072	953	1,102	1,254	1,298	(NA)	(NA)	(NA)	(NA)

NA Not available. ¹ Candidates with 1 year or less of full-time nonmilitary employment. ² For master's degrees, offers are after nontechnical undergraduate degree. ³ Includes distribution. ⁴ Includes computer engineering in 1979. ⁵ Beginning 1978, excludes economics.

Source: College Placement Council, Inc., Bethlehem, Pa., *A Study of Beginning Offers*, annual. (Copyright.)

NO. 280. INSTITUTIONS OF HIGHER EDUCATION—MEDIAN ANNUAL SALARIES OF INSTRUCTIONAL FACULTY, BY TYPE OF CONTROL: 1968 TO 1978

[For fiscal years ending in year stated. For 4-year colleges and universities. Figures are for 9 months of full-time teaching, except as noted. For definition of median, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series D 913]

TYPE OF CONTROL AND POSITION	MEDIAN ANNUAL SALARIES (\$1,000)						Average annual percent change 1968-1978
	1968	1970	1972	1974	1976	1978 ¹	
Public: All ranks.....	10,468	12,078	13,280	14,827	16,810	18,449	5.8
Professors.....	14,856	17,082	18,330	20,340	22,728	24,922	5.3
Associate professors.....	11,606	13,267	14,166	15,617	17,448	19,158	5.1
Assistant professors.....	9,686	10,948	11,705	12,926	14,377	15,749	5.0
Instructors.....	7,559	8,475	9,285	10,210	11,496	12,472	5.1
Private: All ranks.....	9,703	10,908	12,001	12,714	14,574	16,442	5.4
Professors.....	14,362	15,978	17,197	17,850	20,194	22,783	4.7
Associate professors.....	10,904	12,131	13,187	13,856	15,634	17,449	4.8
Assistant professors.....	9,034	10,040	10,961	11,524	12,912	14,348	4.7
Instructors.....	7,289	8,120	9,053	9,469	10,618	11,260	4.4

¹ Represents only faculty on 9-month contracts; prior years included 9-month equivalents for faculty on 11- or 12-month contract.

Source: National Education Association, Washington, D.C., Research Report. 1968-R7 *Salaries in Higher Education 1967-68*, biennial, Research Memo, 1977-1, *Summary of Salaries Paid in Higher Education*, biennial and, *Quartiles of Faculty Salaries Paid in Higher Education, 1977-78*. (Copyright © 1979 by the National Education Association. All rights reserved.)

NO. 281. INSTITUTIONS OF HIGHER EDUCATION—MEDIAN ANNUAL SALARIES OF ADMINISTRATIVE OFFICERS: 1970 TO 1981

[For fiscal year ending in year stated. Median salaries based on number of responding institutions which varies from survey to survey—1,383 in 1980 and 1,557 in 1981. For definition of median, see Guide to Tabular Presentation]

POSITION	MEDIAN ANNUAL SALARY (\$1,000)											
	Public institutions						Private institutions					
	1970	1974	1976	1978	1980	1981	1970	1974	1976	1978	1980	1981
Chief Executive Officer of single institutions.....	26.2	32.0	35.5	40.0	44.1	48.3	23.5	30.6	33.0	36.5	42.1	45.0
Executive Vice President.....	(NA)	(NA)	31.4	34.4	39.1	41.9	(NA)	(NA)	26.3	28.0	32.3	35.0
Chief Academic Officer.....	21.0	26.0	29.2	32.3	37.5	39.9	17.5	22.6	24.2	26.8	30.0	32.6
Chief Student Affairs Officer ¹	18.0	21.7	25.3	27.3	32.3	34.7	13.0	16.0	17.9	20.4	24.0	26.0

NA Not available.

¹ Prior to 1980, titled Chief Student Life Officer.

Source: College and University Personnel Association, Washington, D.C., *Administrative Compensation Survey*, Annual (Copyright.)

NO. 282. INSTITUTIONS OF HIGHER EDUCATION—TENURE STATUS OF FULL-TIME FACULTY, BY TYPE OF INSTITUTION AND RANK OF FACULTY: 1979

[Includes Puerto Rico and outlying areas]

ITEM	All institutions ¹	University	Other 4-yr. schools	2-yr. schools	Professor	Associate professor	Assistant professor	Instructor	Lecturer
PUBLIC INSTITUTIONS									
Total faculty.....	289,280	91,408	114,320	83,552	68,425	69,036	70,618	23,602	4,936
With tenure.....	172,003	57,248	70,690	44,065	63,588	56,590	22,632	2,796	801
Percent.....	59.5	62.6	61.8	52.7	92.9	82.0	32.0	11.8	16.2
PRIVATE INSTITUTIONS									
Total faculty.....	106,688	32,909	68,907	4,872	29,511	27,547	31,471	10,530	981
With tenure.....	49,671	17,699	30,993	979	24,703	18,276	5,411	287	13
Percent.....	46.6	53.8	45.0	20.1	83.7	66.3	17.2	2.7	1.3

¹ Includes instructional faculty with no academic rank, not shown separately.

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

NO. 283. EARNED DEGREES CONFERRED, BY LEVEL OF DEGREE: 1950 TO 1980

[In thousands, except percent. Includes Puerto Rico; 1965, Guam; and 1970, Virgin Islands. See *Historical Statistics, Colonial Times to 1970*, series H 751-763, for similar data. See also Appendix III]

YEAR	TOTAL		BACHELOR'S ¹		MASTER'S ²		DOCTORATES		PERCENT OF TOTAL		
	Number	Percent male	Male	Female	Male	Female	Male	Female	Bachelor's ¹	Master's ²	Doctorates
1950.....	499	75.6	330	104	41	17	6.0	.6	87.0	11.7	1.3
1955.....	354	85.0	184	104	39	19	8.0	.8	81.1	16.4	2.5
1960.....	479	65.8	256	139	51	24	8.8	1.0	82.4	15.5	2.1
1965.....	668	61.5	320	219	76	36	14.7	1.8	80.7	16.8	2.5
1970.....	1,073	59.6	487	346	126	83	25.9	4.0	77.7	19.5	2.8
1973.....	1,280	58.7	568	412	155	110	28.6	6.2	76.6	20.7	2.7
1974.....	1,321	58.0	580	429	158	120	27.4	6.5	76.4	21.1	2.6
1975.....	1,316	56.8	558	430	162	132	26.8	7.3	75.1	22.3	2.6
1976.....	1,345	56.2	562	436	168	145	26.3	7.8	74.2	23.3	2.5
1977.....	1,344	55.4	552	441	168	150	25.2	8.1	73.9	23.7	2.5
1978.....	1,342	54.3	544	454	162	151	23.7	8.5	74.3	23.3	2.4
1979.....	1,335	53.3	534	466	154	148	23.6	9.2	74.9	22.6	2.5
1980.....	1,342	52.5	530	480	151	148	23.1	9.7	75.2	22.3	2.4

¹ Includes 1st professional degrees. ² Includes 2d level degrees.

Source: U.S. National Center for Education Statistics, *Earned Degrees Conferred*, annual.

NO. 284. EARNED DEGREES CONFERRED, BY FIELD OF STUDY, 1975 TO 1980, AND BY LEVEL OF DEGREE AND SEX, 1980

MAJOR FIELD OF STUDY	BACHELOR'S ¹ (1,000)							MASTER'S, 1980		DOCTORATES, 1980	
	1975	1976	1977	1978	1979	1980		Total	Male	Total	Male
						Total	Male				
All fields.....	922.9	925.7	919.5	921.2	921.4	926.6	473.3	298,468	150,949	32,741	23,074
Agriculture.....	17.5	19.4	21.5	22.7	23.1	22.9	16.1	3,992	3,091	991	879
Animal science.....	3.4	3.9	4.1	4.1	4.0	3.6	2.0	463	361	136	122
Forestry.....	2.6	2.7	2.7	2.7	2.5	2.4	2.0	437	351	80	72
All other.....	11.5	12.9	14.7	15.9	16.6	16.9	12.2	3,092	2,379	775	685
Architecture.....	8.2	9.1	9.2	9.3	9.3	9.1	6.6	3,131	2,240	79	66
Area studies.....	3.0	3.1	3.0	2.9	2.6	2.5	1.0	757	395	145	95
Biological sciences.....	51.7	54.3	53.6	51.5	48.8	46.7	27.0	6,517	4,100	3,650	2,702
Biology, general.....	38.7	40.2	39.5	37.6	36.0	33.3	19.0	2,875	1,825	698	506
Zoology, general.....	5.6	5.5	5.0	4.5	4.1	3.7	2.4	431	298	245	199
All other.....	7.4	8.6	9.1	9.4	8.8	9.8	5.7	3,211	1,977	2,707	1,997
Business and management.....	133.8	143.4	152.1	161.3	172.9	186.7	124.0	55,325	42,993	800	681
Business management and administration.....	38.9	44.1	47.4	51.0	57.0	60.8	42.2	29,758	23,559	410	351
Business, commerce, general.....	31.2	30.1	30.2	31.9	32.2	33.8	22.5	10,832	8,325	101	88
Accounting.....	31.1	35.8	39.2	40.1	41.4	42.7	27.3	3,475	2,514	51	42
All other.....	32.6	33.4	35.4	38.3	42.3	49.4	32.1	11,260	8,595	238	200
Communications.....	19.2	21.3	23.2	25.4	26.5	28.7	13.7	3,080	1,519	200	124
Computer and information sciences.....	5.0	5.7	6.4	7.2	8.7	11.1	7.7	3,597	2,833	239	212
Education.....	167.0	154.8	143.7	136.1	126.0	118.6	31.1	103,570	30,881	7,978	4,448
Elementary, general.....	68.7	60.3	53.0	49.3	44.8	41.9	4.3	15,836	1,834	214	77
Physical.....	24.6	24.2	23.3	22.7	21.2	20.1	10.1	4,197	2,213	260	154
Music.....	8.0	7.9	7.6	7.4	6.7	6.2	2.6	1,142	522	105	73
Special education, general.....	7.8	8.2	8.5	8.5	8.7	8.8	8.8	8,872	1,287	257	109
Other education fields.....	57.9	54.2	51.2	48.2	44.5	41.6	13.2	73,523	25,025	7,142	4,035
Engineering.....	46.9	46.3	49.3	55.7	62.4	68.8	62.4	16,275	15,133	2,508	2,413
Fine and applied arts.....	40.8	42.1	41.8	41.0	41.0	40.9	15.1	8,717	4,071	655	413
Art ²	16.2	16.4	16.3	15.9	15.3	15.1	4.5	2,467	1,067	115	45
Music ³	8.7	9.1	9.2	9.0	9.0	8.9	4.1	3,380	1,688	398	284
Dramatic arts.....	5.5	5.7	5.2	5.0	5.0	5.1	2.1	1,089	558	91	58
All other.....	10.5	10.9	11.1	11.0	11.6	11.8	4.4	1,781	758	51	26
Foreign languages.....	17.6	15.5	13.9	12.7	11.8	11.1	2.7	2,257	667	530	227
Health professions.....	49.1	54.0	57.3	59.4	62.1	63.4	11.2	15,730	4,339	803	449
Nursing.....	23.7	26.7	28.4	30.0	31.4	32.1	1.8	4,548	158	115	2
Pharmacy.....	6.3	6.9	7.5	7.3	6.8	6.7	4.0	331	226	83	68
Medical lab. technology.....	5.0	5.4	5.3	5.2	5.2	5.1	1.0	231	77	1	-
All other.....	14.0	15.0	16.1	16.9	18.7	19.5	4.4	10,620	3,878	604	379
Home economics.....	16.8	17.4	17.4	17.6	18.3	18.4	.9	2,610	218	192	46
Law (excl. first professional).....	.4	.5	.6	.6	.7	.7	.4	1,817	1,531	40	36
Letters.....	57.6	51.5	47.1	44.3	42.0	40.5	16.5	8,578	3,384	1,877	1,108
Library sciences.....	1.1	.8	.8	.7	.6	.4	(2)	5,374	1,004	73	35
Mathematical subjects.....	18.2	16.0	14.2	12.6	11.8	11.4	6.6	2,875	1,833	725	625
Military sciences.....	.3	1.2	.9	.4	.3	.3	.2	46	46	-	-
Physical sciences.....	20.8	21.5	22.5	23.0	23.2	23.5	17.9	5,265	4,270	3,089	2,705
Chemistry, general.....	10.4	11.0	11.1	11.2	11.5	11.2	8.0	1,622	1,197	1,413	1,179
Physics.....	3.6	3.5	3.4	3.3	3.3	3.3	2.9	1,181	1,065	815	753
Geology.....	3.2	3.3	3.7	4.2	4.3	4.4	3.3	1,194	974	260	238
All other.....	3.5	3.8	4.3	4.2	4.1	4.5	3.6	1,268	1,034	601	535
Psychology.....	51.0	49.9	47.4	44.6	42.5	42.0	15.4	7,895	3,409	2,773	1,618
Public affairs and services.....	28.2	33.2	36.3	37.2	38.2	37.3	16.8	20,070	9,611	392	254
Social sciences.....	135.7	126.8	117.4	113.2	108.3	103.9	58.6	12,158	7,774	3,223	2,349
History.....	31.5	28.4	25.4	23.0	21.0	19.3	12.1	2,365	1,451	712	524
Sociology.....	31.5	27.6	24.7	22.8	20.3	18.8	6.3	1,345	671	584	356
Political science, government.....	29.1	28.3	26.4	26.1	25.6	25.4	16.3	1,941	1,426	535	428
Social sciences, general.....	13.8	12.3	10.8	11.3	10.4	7.9	4.0	1,192	687	74	43
Economics.....	14.0	14.7	15.3	15.7	16.4	17.7	12.4	1,777	1,408	677	575
All other.....	15.8	15.4	14.7	14.5	14.6	14.9	7.6	3,538	2,131	641	423
Theology.....	4.8	5.5	6.1	6.3	6.1	6.2	4.6	3,944	2,777	1,386	1,309
Theological professions, general.....	2.8	3.5	3.9	4.0	3.8	3.4	2.9	2,358	1,824	1,214	1,158
Religious education.....	1.4	1.5	1.6	1.7	1.7	1.8	1.0	857	448	39	31
All other.....	.7	.5	.7	.6	.6	1.0	.7	729	505	133	120
Interdisciplinary studies ⁴	28.2	32.4	33.9	35.6	34.2	33.7	16.8	4,888	2,830	393	280

- Represents zero. Z Less than 50. ¹Requiring 4 or 5 years. ²Includes history and appreciation. ³Includes performing and liberal arts, history, and appreciation. ⁴Comprises general liberal arts and sciences, biological and physical sciences, humanities and social sciences, engineering, and other disciplines.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual, and unpublished data.

NO. 285. DEGREES CONFERRED IN SELECTED PROFESSIONS: 1950 TO 1980

[First professional degrees for medicine, dentistry, and law. NA=Not available. See Appendix III]

TYPE OF DEGREE	1950	1955	1960	1965	1970	1975	1977	1978	1979	1980
Medicine (M.D.):										
Institutions conferring degrees	72	72	79	81	86	104	109	109	109	112
Degrees conferred, total	5,612	7,014	7,032	7,304	8,314	12,447	13,461	14,279	14,786	14,902
Men	5,028	6,683	6,645	6,832	7,615	10,818	10,891	11,210	11,381	11,416
Women	584	331	387	472	699	1,629	2,570	3,069	3,405	3,486
Dentistry (D.D.S. or D.M.D.):										
Institutions conferring degrees	40	42	45	45	48	52	57	57	58	58
Degrees conferred, total	2,579	3,099	3,247	3,107	3,718	4,773	5,138	5,189	5,434	5,258
Men	2,551	3,071	3,221	3,085	3,684	4,627	4,764	4,623	4,794	4,558
Women	18	28	26	22	34	146	374	566	640	700
Law (L.L.B. or J.D.):										
Institutions conferring degrees	(NA)	128	134	134	145	154	169	169	175	179
Degrees conferred, total	(NA)	8,209	9,240	11,583	14,916	29,296	34,104	34,402	35,206	35,867
Men	(NA)	7,921	9,010	11,216	14,115	24,681	26,447	25,457	25,180	24,906
Women	(NA)	288	230	367	801	4,415	7,657	8,945	10,026	10,761
Engineering:										
Degrees conferred, total	57,159	27,527	45,624	50,664	63,753	65,308	68,114	74,492	80,376	87,601
Male	56,968	(NA)	45,453	(NA)	63,227	63,853	65,103	69,861	74,168	79,932
Female	191	(NA)	171	(NA)	526	1,455	3,011	4,631	6,208	7,669
Bachelor's ¹	52,246	22,445	37,679	36,485	44,479	46,852	49,283	55,654	62,375	68,818
Master's ²	4,496	4,483	7,159	12,055	15,593	15,348	16,245	16,398	15,495	16,275
Doctorates	417	599	786	2,124	3,681	3,108	2,586	2,440	2,506	2,508

¹ Includes first professional. ² Includes second professional or second level.Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 286. EARNED DEGREES BELOW BACHELOR'S, BY CURRICULUM: 1971 TO 1979

[In thousands, except percent. Includes Puerto Rico and outlying areas. Covers associate degrees and other awards based on post-secondary curriculums of less than 4 years in institutions of higher education]

TYPE OF CURRICULUM	1971	1974	1975	1976	1977	1978	1979	PERCENT FEMALE			
								1971	1975	1978	1979
All degrees	303.4	429.7	448.5	487.7	511.0	524.0	515.4	44.5	46.7	50.9	52.9
Arts, science (incl. general programs)	150.0	169.2	171.4	174.7	176.0	172.0	162.7	43.2	45.3	49.6	51.4
Occupational ¹	153.5	260.5	277.2	313.0	334.5	352.0	352.7	45.7	47.8	51.5	53.5
Science and engineering	87.7	147.3	159.0	174.8	186.4	194.3	193.5	42.0	47.9	49.2	49.9
Health service	34.5	70.3	76.7	83.5	88.0	90.6	90.0	91.6	87.5	87.6	87.6
Nursing, R.N.	14.4	28.7	32.4	34.3	35.9	36.8	35.9	95.8	93.1	92.5	92.8
Mechanical and engineering	37.4	52.6	56.3	63.3	68.1	71.6	71.3	1.4	2.6	5.1	6.0
Natural science	7.0	16.4	18.0	19.5	20.9	21.2	19.7	22.8	30.9	37.7	38.3
Data processing	8.7	8.0	7.9	8.5	9.4	10.8	12.5	35.6	32.6	42.8	47.2
Business and commerce	51.0	80.5	83.0	96.8	105.7	115.9	121.3	64.0	51.9	58.1	61.5
Secretarial	16.5	27.3	27.5	29.0	30.6	32.8	34.2	98.3	98.9	98.9	99.1
Public service	14.8	32.8	35.2	41.4	42.4	41.9	37.9	38.8	38.6	43.8	47.1
Police and corrections	6.9	15.9	17.0	20.3	20.0	19.3	16.0	6.1	12.4	21.0	24.0

¹ 1971 excludes degrees below the technical or semiprofessional levelSource: U.S. National Center For Education Statistics, *Associate Degrees and Other Formal Awards Below the Baccalaureate*, annual.

NO. 287. NONCOLLEGIATE POSTSECONDARY SCHOOLS—ENROLLMENT AND INSTRUCTIONAL STAFF, BY TYPE OF SCHOOL: 1978

[For school year ending in June includes Puerto Rico. Covers schools offering occupational programs, including correspondence schools]

ITEM	Unit	Total ¹	Vocational and technical	Technical institute	Business and office	Cosmetology and barber	Flight	Trade	Arts/Design	Hospital	Allied health
Schools	Number	7,707	616	108	1,269	2,163	1,064	750	252	917	358
Total enrollment	1,000	1,761	575	55	531	132	63	203	49	48	58
Percent female	Percent	52.0	43.9	10.4	59.8	84.9	8.2	21.1	60.3	91.4	86.6
Full-time	1,000	1,235	372	31	366	110	14	159	36	48	52
Part-time	1,000	526	203	24	165	22	(z)	4	-	6	9
Public	1,000	452	405	11	1	132	63	199	49	42	49
Private	1,000	1,309	170	44	530	132	63	199	49	42	49
Instructional staff	1,000	63	19	1	10	8	5	4	3	10	2
Percent female	Percent	47.1	34.2	7.7	50.6	79.0	6.4	15.6	34.6	78.9	76.1

- Represents zero. Z Less than 500. ¹ Includes other types, not shown separately.Source: U.S. National Center for Education Statistics, *Directory of Postsecondary Schools with Occupational Programs, 1978*, and *Enrollments and Programs in Noncollegiate Postsecondary Schools, 1978*.

No. 288. LIBRARIES—NUMBER, BY TYPE: 1979 AND 1980

TYPE	TOTAL		PERCENT		TYPE	TOTAL		PERCENT	
	1979	1980	1979	1980		1979	1980	1979	1980
Total ¹	32,377	31,591	100.0	100.0	Academic.....	4,676	4,618	14.4	14.6
United States	29,446	28,685	90.9	90.7	Junior college.....	1,135	1,191	3.5	3.8
Public	8,601	8,717	26.6	27.6	Universities, colleges.....	1,912	1,911	5.9	6.0
Public branches	5,789	5,936	17.9	18.8	Departmental.....	1,629	1,516	5.0	4.8
Special	5,294	4,645	16.4	14.7	Law, medicine, religious.....	512	279	1.6	.9
Medical	1,705	1,674	5.3	5.3	Armed Forces.....	489	485	1.5	1.5
Government.....	1,451	1,260	4.5	4.0	Law ²	429	417	1.3	1.3
Religious.....	1,012	913	3.1	2.9	Outlying areas.....	141	113	.4	.4

¹ Includes public libraries with annual incomes of less than \$2,000 or book funds of less than \$500, law libraries with less than 10,000 volumes each, Canadian libraries, and libraries in regions administered by the U.S., not shown separately. ² Law libraries with more than 10,000 volumes.

Source: R.R. Bowker Co., New York, N.Y., *The Bowker Annual Library and Book Trade Information and American Library Directory*, annual. (Copyright by Xerox Corporation.)

No. 289. COLLEGE AND UNIVERSITY LIBRARIES—SUMMARY: 1979

[For school year ending in year shown. Based on survey of academic libraries and joint library systems in the U.S. and outlying areas. Data from Survey of College and University Libraries, 1978-1979. For definition of median, see Guide to Tabular Presentation]

TYPE OF CONTROL AND ENROLLMENT SIZE	MATERIALS CIRCULATED		MEDIAN NUMBER OF VOLUMES—		OPERATING EXPENSES				STAFF ³	
	Total (1,000)	Median (1,000)	Added (1,000)	Held (1,000)	Total ¹ (\$1,000)	Wages and salaries ² (\$1,000)	Books (\$1,000)	Periodicals (\$1,000)	Total (1,000)	Professional staff (1,000)
All types, public	136,396	30	3	54	1,013	562	147	118	38,307	14,889
10,000 or more.....	86,216	195	21	439	616	335	88	79	22,760	8,420
5,000 to 9,999.....	26,017	57	5	87	196	111	30	20	7,379	2,939
1,000 to 4,999.....	22,116	19	2	39	179	105	26	16	7,367	3,126
500 to 999.....	1,613	8	1	21	15	9	2	1	591	305
500 or less.....	434	5	1	15	6	3	1	1	211	100
All types, private	64,911	15	2	64	490	262	77	61	20,109	8,787
10,000 or more.....	14,246	345	42	1,059	133	75	19	17	4,701	1,687
5,000 to 9,999.....	13,015	98	12	312	115	61	17	17	4,858	1,744
1,000 to 4,999.....	23,918	31	4	112	160	81	28	20	6,701	3,134
500 to 999.....	7,871	15	2	64	46	25	8	5	2,132	1,192
500 or less.....	5,860	5	1	25	36	18	6	3	1,717	1,030

¹ Includes expenses not shown separately. ² Includes fringe benefits. ³ Full time equivalent.

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

No. 290. FEDERALLY AIDED VOCATIONAL PROGRAMS—ENROLLMENT AND EXPENDITURES: 1950 TO 1979

[For years ending June 30. Includes Puerto Rico for all years; Virgin Islands from 1955; Guam from 1960; American Samoa and Trust Territory of the Pacific Islands from 1970; and N. Marianas Islands, beginning 1978. See also *Historical Statistics, Colonial Times to 1970*, series H 572-581]

YEAR	ENROLLMENT (1,000)					EXPENDITURES (mil. dol.)		
	Total ¹	Home economics	Office occupations	Trade, industrial	Agriculture	Total	Federal	State and local
1950.....	3,365	1,430	-	805	765	128.7	26.6	102.1
1955.....	3,314	1,432	-	871	776	164.8	30.4	134.4
1960.....	3,768	1,588	-	938	796	238.8	45.3	193.5
1965.....	5,431	2,099	731	1,088	888	604.6	156.9	447.7
1970.....	8,794	2,570	2,111	1,906	853	1,866.2	300.7	1,565.5
1972.....	11,602	3,446	2,352	2,398	896	2,660.8	466.0	2,194.7
1973.....	12,072	3,517	2,499	2,702	928	3,033.7	482.4	2,551.3
1974.....	13,556	3,703	2,757	2,824	976	3,433.8	468.2	2,965.6
1975.....	15,340	3,746	2,951	3,017	1,013	4,037.3	536.1	3,501.1
1976.....	15,346	3,986	3,115	3,110	1,060	4,713.6	543.2	4,170.4
1977.....	16,464	4,164	3,273	3,247	1,056	4,962.6	533.6	4,428.9
1978.....	17,599	4,199	3,312	3,403	1,007	5,673.5	499.1	5,174.4
1979.....	17,268	4,300	3,469	3,436	972	6,473.1	550.9	5,922.3

- Represents zero. ¹ Includes programs not shown separately. Represents unduplicated enrollment.

Source: U.S. Office of Human Development Services, *Vocational and Technical Education*, annual; U.S. Dept. of Education, Division of Vocational and Technical Education, *Status of Vocational Education in 1978*; and National Center for Education Statistics, *A Statistical Overview of Vocational Education*.

NO. 291. WORK/TRAINING ACTS—ENROLLMENTS AND OBLIGATIONS: 1978 TO 1980

[For years ending Sept. 30. Covers programs administered by the U.S. Dept. of Labor]

PROGRAM	FIRST-TIME ENROLLMENTS (1,000)			CURRENT ENROLLMENTS (1,000)			OBLIGATIONS (mil. dol.)		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
Total	4,377	4,013	3,699	2,861	2,748	2,757	7,596	10,590	8,777
CETA ¹	3,325	3,044	2,610	1,271	1,206	1,135	7,145	10,097	8,269
Training and Work Experience.....	965	891	795	324	299	337	1,910	1,943	2,045
Public Service Employment.....	657	694	385	596	555	333	2,208	5,779	3,162
Special Target Groups ²	210	176	209	105	175	244	684	414	507
Job Corps.....	49	59	71	24	33	39	377	401	401
Summer Youth Program.....	994	821	691	(x)	(x)	(x)	755	662	725
Young Adult Conservation Corps.....	52	41	46	26	20	15	227	227	223
Private Sector Initiative Program.....	(x)	(x)	50	(x)	(x)	27	(x)	(x)	368
Youth Employment Training Program.....	398	362	363	196	124	140	984	671	832
Older Americans Act.....	39	48	52	37	40	55	201	221	267
Work Incentive Program.....	1,013	921	1,037	1,553	1,502	1,567	250	272	247

X Not applicable. ¹ Comprehensive Employment and Training Act. ² Includes Indian and Migrant programs.Source: U.S. Employment and Training Administration, *Employment and Training Report of the President*, annual.

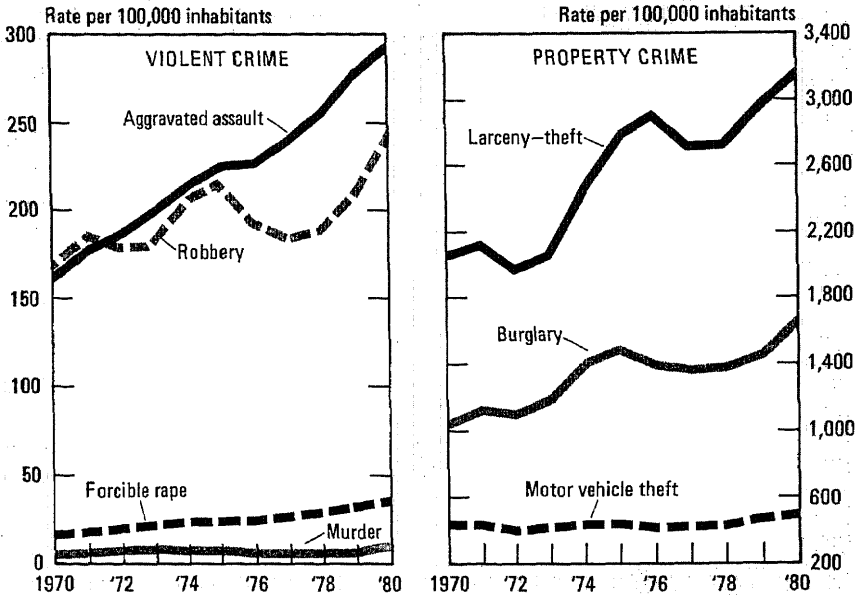
NO. 292. ADULT EDUCATION—PERCENT PARTICIPATION, BY ANNUAL FAMILY INCOME AND PROVIDER OF INSTRUCTION, AND BY SEX AND RACE: 1978

[For year ending in May. Includes all participants in adult education 17 years old and over regardless of their enrollment status in high school or college]

ITEM	Total	Male	Female	White	Black	Other
Participants in adult education (1,000).....	18,197	7,820	10,377	16,935	928	334
Percent of population.....	11.8	10.7	12.7	12.5	5.8	12.8
PERCENT OF POPULATION						
Age:						
17-34 years.....	15.7	14.2	17.1	16.8	7.8	14.6
35-54 years.....	13.0	11.7	14.3	13.9	5.5	14.7
55 years and over.....	4.5	3.8	5.1	4.8	2.0	4.3
Highest level of education:						
Less than 4 years of high school.....	3.5	2.9	4.0	3.6	2.1	7.7
4 years of high school.....	10.7	9.4	11.7	11.1	6.2	10.3
1 to 3 years of college.....	18.1	15.5	20.7	18.8	12.3	13.8
4 or more years of college.....	27.6	24.2	32.3	28.3	16.5	22.1
Annual family income:						
Under \$5,000.....	4.9	4.1	5.3	5.6	2.5	6.2
\$5,000-\$7,499.....	6.3	5.0	7.3	6.8	4.0	3.4
\$7,500-\$9,999.....	9.7	7.6	11.5	10.4	5.6	12.2
\$10,000-\$14,999.....	11.3	9.6	12.9	11.8	6.8	14.1
\$15,000-\$24,999.....	15.1	14.1	16.3	15.6	9.0	17.3
\$25,000-\$49,999.....	18.4	16.1	20.8	18.6	13.1	17.2
\$50,000 and over.....	18.3	15.0	21.9	18.2	19.5	23.4
Not reported.....	6.6	5.8	7.4	6.8	4.1	7.3
PERCENT DISTRIBUTION ¹						
Provider of instruction:						
Elementary, junior, or high school.....	11.7	7.8	14.7	11.3	16.3	19.7
2-year college or voc-tech institute.....	18.6	16.2	20.4	18.6	20.4	15.4
4-year college or university.....	18.4	19.4	17.8	18.4	18.3	22.5
Vocational, trade, or business school.....	8.8	9.4	8.3	8.8	9.3	6.0
Tutor or private instructor.....	6.4	4.1	8.1	6.6	2.0	4.9
Business or industry.....	13.7	19.7	9.2	13.9	11.7	6.9
Labor organization or professional assn.....	4.3	5.7	3.3	4.5	2.6	2.2
Government agency.....	10.2	10.4	10.1	10.1	11.3	13.2
Private community organization.....	10.9	7.5	13.4	11.1	5.6	11.8
Other.....	9.8	9.3	10.1	9.9	2.8	8.5
Employer gave course for employees.....	19.6	26.1	14.7	19.4	25.9	15.9

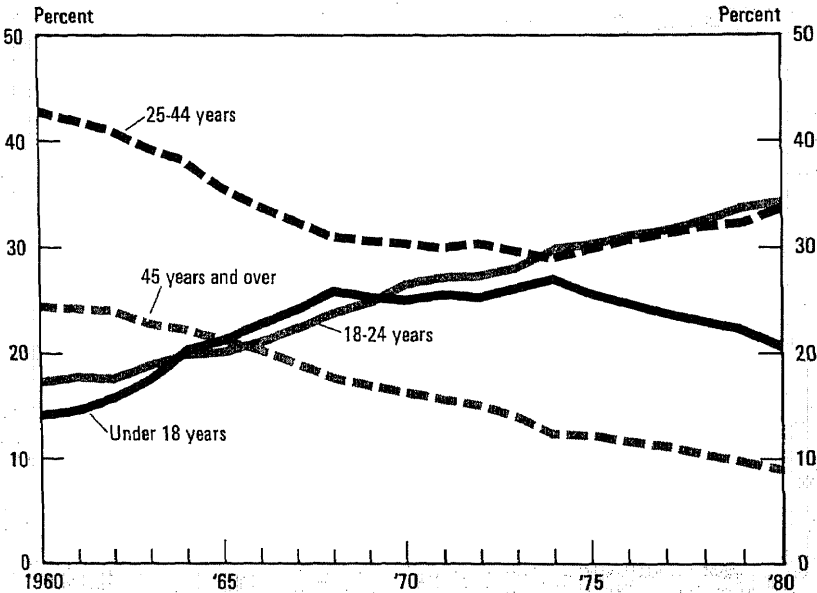
¹ Percentages total more than 100 since some adults received instruction from more than one type of provider.Source: U.S. National Center for Education Statistics, *Participation in Adult Education, 1978*.

Figure 6.1
Selected Crime Rates: 1970 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 293.

Figure 6.2
Persons Arrested — Percent by Age: 1960 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 309.

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1981

Section 6

Law Enforcement, Federal Courts, and Prisons

This section presents data on crimes committed, victims of crimes, and arrests. A major source of data on these subjects is the Bureau of Justice Statistics (BJS), formerly the Law Enforcement Assistance Administration. BJS issues several reports, including *Sourcebook of Criminal Justice Statistics*, *Criminal Victimization in the United States*, *Prisoners in State and Federal Institutions*, *Children in Custody*, *National Survey of Court Organization*, and *Capital Punishment*. In addition, the annual *Expenditure and Employment Data for the Criminal Justice System* is issued jointly by BJS and the Bureau of the Census. For other BJS reports, see "Law Enforcement, Federal Courts, and Prisons" in Appendix IV.

Other major sources of these data include: *Crime in the United States*, issued annually by the Federal Bureau of Investigation (FBI); the *Annual Report of the Director, Court Management Statistics*, and *Federal Offenders*, issued by the Administrative Office of the U.S. Courts; *Governmental Finances and Public Employment*, issued annually by the Bureau of the Census; and the *Statistical Report*, issued annually by the Federal Bureau of Prisons. *State Court Caseload Statistics* are issued annually by the National Center for State Courts.

Legal jurisdiction and law enforcement.—Law enforcement is, for the most part, a function of State and local officers and agencies. The U.S. Constitution reserves general police powers to the States. By act of Congress, Federal offenses include only offenses against the U.S. Government and against or by its employees while engaged in their official duties, and offenses which involve the crossing of State lines or an interference with interstate commerce. Consequently, criminal offenses such as murder, robbery, burglary, theft, assault, and rape are violations of State laws unless they involve Federal property or Federal officers while engaged in their official duties, or unless they occur in Federal territories or reservations or on the high seas. Excluding the military, there are 52 separate criminal law jurisdictions in the United States: 1 in each of the 50 States, 1 in the District of Columbia, and the Federal jurisdiction. Each of these has its own criminal law and procedure and its own law enforcement agencies. While the systems of law enforcement are quite similar among the States, there are often substantial differences in the penalties for like offenses.

Law enforcement can be divided into three parts. The first, covering investigation of crimes and arrest of persons suspected of committing them, involves municipal, county, and State police; sheriffs, constables, marshals, and Federal agents; and many kinds of special officers. The second phase is prosecution of those charged with crime. The agencies concerned include courts; justices of the peace; municipal, State, and Federal juries; and prosecuting court officers. The third phase is concerned with the punishment or treatment of persons convicted of crime. While the courts usually determine the sentence after conviction, the penalty is enforced by the detention facility, or by probation or parole officials.

Crime.—There are two major approaches taken in determining the extent of crime. One perspective is provided by the FBI through its Uniform Crime Reporting Program (UCR). The FBI receives monthly and annual reports from law enforcement agencies throughout the country, currently representing 98 percent of the national population. Each month, city police, sheriffs, and State police file reports on the number of index offenses that become known to them. The FBI Crime Index offenses are as follows: *Murder and nonnegligent manslaughter*, which is based on police investigations, as opposed to the determination of a medical examiner or judicial body, includes willful felonious homicides, and excludes attempts and assaults to kill, suicides, accidental deaths, justifiable homicides, and deaths caused by negligence; *forcible rape* includes forcible rapes and attempts; *robbery* includes stealing or taking anything of value by force or violence or threat of force or violence and includes attempted robbery; *aggravated assault* includes assault with intent to kill; *burglary* includes any unlawful entry to commit a felony or a theft and includes attempted burglary and

burglary followed by larceny; *larceny* includes theft of property or articles of value without use of force and violence or fraud and excludes embezzlement, "con games," forgery, etc.; *motor vehicle theft* includes all cases where vehicles are driven away and abandoned, but excludes vehicles taken for temporary use and returned by the taker.

The monthly Uniform Crime Reports also contain data on crimes cleared by arrest and on characteristics of persons arrested for all criminal offenses. Annual reports provide an accounting of the number of persons formally charged and their disposition. In summarizing and publishing crime data, the FBI does not vouch for the validity of the reports it receives, but presents the data as information useful to persons concerned with the problem of crime and criminal-law enforcement.

A second perspective on crime is provided by BJS through the National Crime Survey conducted by the Bureau of the Census. This survey, based on representative samples of households, is designed to elicit information about experiences, if any, with selected crimes of violence and theft. The survey, conducted nationally on a continuous basis, focuses on victims of crime. The results, published in a series of *Criminal Victimization* reports, present types of crime, rates of victimization, characteristics of victims, victim-offender relationship, incident characteristics, and whether or not police were notified about the incident.

Courts.—Court statistics on criminal offenses and the outcome of prosecutions are incomplete for the country as a whole, although data are available for many States individually. The only national compilations of such statistics were made by the Bureau of the Census for 1932 to 1945 covering a maximum of 32 States.

The bulk of civil and criminal litigation in the country is commenced and determined in the various State courts. Only when the U.S. Constitution and acts of Congress specifically confer jurisdiction upon the Federal courts may civil litigation be heard and decided by them. Generally, the Federal courts have jurisdiction over the following types of cases: Suits or proceedings by or against the United States; civil actions between private parties arising under the Constitution, laws, or treaties of the United States; civil actions between private litigants who are citizens of different States; civil cases involving admiralty, maritime, or prize jurisdiction; and all matters and proceedings in bankruptcy.

There are several types of courts with varying degrees of legal jurisdiction. These jurisdictions include original, appellate, general, and limited or special. A *court of original jurisdiction* is one having the authority initially to try a case and pass judgment on the law and the facts; a *court of appellate jurisdiction* is one with the legal authority to review cases and hear appeals; a *court of general jurisdiction* is a trial court of unlimited original jurisdiction in civil and/or criminal cases, also called a "major trial court"; a *court of limited or special jurisdiction* is a trial court with legal authority over only a particular class of cases, such as probate, juvenile, or traffic cases.

The 95 Federal courts of original jurisdiction are known as the U.S. district courts. One or more of these courts is established in every State and one each in the District of Columbia, Puerto Rico, the Virgin Islands, the Canal Zone, the Northern Mariana Islands, and Guam. Appeals from the district courts are taken to intermediate appellate courts of which there are 11, known as U.S. courts of appeals. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

Juvenile offenders.—For statistical purposes, the FBI and most States classify as juvenile offenders persons under the age of 18 years who have committed a crime or crimes.

Delinquency cases are all cases of youths referred to a juvenile court for violation of a law or ordinance or for seriously "antisocial" conduct. Several types of facilities are available for those adjudicated delinquent, ranging from the short-term physically unrestricted environment to the long-term very restrictive atmosphere.

Prisoners.—Data on prisoners in Federal and State prisons and reformatories were collected annually by the Bureau of the Census until 1950, by the Federal Bureau of Prisons until 1971, transferred then to LEAA, and, in 1979, to Bureau of Justice Statistics. Adults convicted of criminal activity may be given a prison or jail sentence. A *prison* is a confinement facility having custodial authority over adults sentenced to confinement of more than one year. A *jail* is a facility, usually operated by a local law enforcement agency, holding persons detained pending adjudication and/or persons committed after adjudication to one year or less. Nearly every State publishes annual data either for its whole prison system or for each separate State institution.

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability pertaining to the National Crime Survey and Uniform Crime Reporting Program, see Appendix III.

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

No. 293. CRIMES AND CRIME RATES, BY TYPE: 1971 TO 1980

[Data refer to offenses known to the police. Rates are based on Bureau of the Census estimated resident population as of July 1, except 1980, enumerated as of April 1. Minus sign (—) denotes decrease. For definitions of crimes, see text, pp. 171 and 172. For explanation of average annual percent change, see Guide to Tabular Presentation. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 952-961 for related data]

ITEM AND YEAR	Total	VIOLENT CRIME					PROPERTY CRIME			
		Total	Mur- der ¹	For- cible rape	Rob- bery	Aggra- vated assault	Total	Bur- glary	Larceny— theft	Motor vehicle theft
Number of offenses: (1,000)										
1971.....	8,588	817	17.8	42.3	388	369	7,772	2,399	4,424	948
1972.....	8,249	835	18.7	46.9	376	393	7,414	2,376	4,151	887
1973.....	8,716	876	19.6	51.4	384	421	7,842	2,566	4,348	929
1974.....	10,253	975	20.7	55.4	442	456	9,279	3,039	5,263	977
1975.....	11,257	1,026	20.5	56.1	465	485	10,230	3,252	5,978	1,001
1976.....	11,305	987	18.8	56.7	420	491	10,318	3,090	6,271	958
1977.....	10,936	1,010	19.1	63.0	405	523	9,926	3,052	5,906	968
1978.....	11,141	1,062	19.6	67.1	417	558	10,080	3,104	5,983	992
1979.....	12,153	1,179	21.5	76.0	467	614	10,974	3,299	6,578	1,097
1980.....	13,295	1,309	23.0	82.1	549	655	11,987	3,759	7,113	1,115
Average annual percent change:										
1971-1975.....	7.8	6.4	3.8	8.2	5.0	7.9	7.9	8.9	8.7	1.4
1976-1980.....	4.4	8.2	5.7	11.2	7.6	8.4	4.0	5.4	3.3	4.1
1979-1980.....	9.4	11.1	7.4	8.0	17.5	6.6	9.2	13.9	8.1	1.6
Rate per 100,000 inhabitants:										
1971.....	4,165	396	8.6	20.5	188	179	3,789	1,164	2,146	460
1972.....	3,961	401	9.0	22.5	181	189	3,560	1,141	1,994	426
1973.....	4,154	417	9.4	24.5	183	201	3,737	1,223	2,072	443
1974.....	4,850	461	9.8	26.2	209	216	4,389	1,438	2,490	462
1975.....	5,282	482	9.6	26.3	218	227	4,800	1,526	2,805	469
1976.....	5,266	460	8.8	26.4	196	229	4,807	1,439	2,921	446
1977.....	5,055	467	8.8	29.1	187	242	4,588	1,411	2,730	448
1978.....	5,109	487	9.0	30.8	191	256	4,622	1,424	2,744	455
1979.....	5,521	535	9.7	34.5	212	279	4,986	1,499	2,988	499
1980.....	5,900	581	10.2	36.4	244	291	5,319	1,668	3,156	495
Average annual percent change:										
1971-1975.....	6.7	5.4	3.3	7.1	4.0	6.8	6.9	7.8	7.7	.5
1976-1980.....	3.0	6.6	4.0	9.4	6.1	6.8	2.7	4.0	2.0	2.7
1979-1980.....	6.9	8.5	5.2	5.5	14.8	4.1	6.7	11.3	5.6	— .8

¹ Includes nonnegligent manslaughter.

No. 294. CRIMES KNOWN TO THE POLICE, BY TYPE AND AREA: 1979 AND 1980

[In thousands, except rate. Estimated totals based on reports from city and rural law enforcement agencies representing 95 percent of the national population. Covers crimes constituting "FBI Crime Index"; for definitions of crimes, see text, pp. 171 and 172. SMSA represents all agencies within Standard Metropolitan Statistical Area]

TYPE OF CRIME	1979						1980					
	SMSA's ¹		Other cities		Rural areas		SMSA's ¹		Other cities		Rural areas	
	Total	Rate ²	Total	Rate ²	Total	Rate ²	Total	Rate ²	Total	Rate ²	Total	Rate ²
Total.....	10,168	6,313	1,255	4,949	730	2,168	11,110	6,758	1,372	5,396	813	2,290
Violent crime.....	1,032	641	84	330	63	187	1,154	702	90	353	65	182
Murder and nonnegligent manslaughter.....	18	11	1	6	3	7	19	12	1	6	3	7
Forcible rape.....	66	41	5	18	5	15	71	43	5	21	6	16
Robbery.....	445	276	15	58	7	22	524	319	16	65	8	23
Aggravated assault.....	503	312	63	248	48	143	540	328	67	262	49	137
Property crime.....	9,136	5,673	1,171	4,619	667	1,980	9,955	6,055	1,282	5,043	749	2,108
Burglary.....	2,752	1,709	288	1,134	260	771	3,143	1,912	321	1,263	295	830
Larceny—theft.....	5,400	3,353	816	3,218	361	1,072	5,811	3,535	895	3,519	406	1,144
Motor vehicle theft.....	983	611	68	266	46	137	1,001	609	66	260	48	134

¹ For definition, see text, Appendix II. ² Rate per 100,000 population; see headnote, table 293.

Source of tables 293 and 294: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 295. CRIME RATES BY STATES, 1978 to 1980, AND BY TYPE, 1980

[Offenses known to the police per 100,000 population. Based on Bureau of the Census estimated resident population as of July 1, except 1980, enumerated as of April 1. For definitions of crimes, see text, pp. 171 and 172]

STATE	1978, total	1979, total	Total	1980						
				Violent crime				Property crime		
				Murder ¹	Forcible rape	Robbery	Aggrava- ted assault	Burglary	Larceny— theft	Motor vehicle theft
U.S. ²	5,109	5,521	5,900	10.2	36.4	243.5	291	1,668	3,156	495
N.E.	4,977	5,606	5,713	3.5	23.1	180.9	245	1,637	2,843	779
Maine	4,138	4,307	4,368	2.8	12.9	30.8	147	1,183	2,772	219
N.H.	4,068	4,579	4,680	2.5	17.3	42.0	118	1,313	2,877	310
Vt.	3,807	5,299	4,988	2.2	29.1	38.9	109	1,527	2,988	295
Mass.	5,350	5,918	6,079	4.1	27.3	235.5	334	1,740	2,686	1,052
R.I.	5,262	5,770	5,933	4.4	17.1	118.6	268	1,716	2,964	844
Conn.	4,929	5,780	5,882	4.7	21.6	218.0	168	1,701	3,090	679
M.A.	4,844	5,262	5,786	9.7	28.3	424.3	268	1,695	2,717	644
N.Y.	5,792	6,205	6,912	12.7	30.9	641.3	345	2,062	3,060	760
N.J.	5,207	5,821	6,401	6.9	30.7	303.7	263	1,878	3,189	730
Pa.	3,185	3,495	3,736	6.8	23.0	177.9	156	1,039	1,916	418
E.N.C.	4,835	5,213	5,528	8.8	32.7	198.3	237	1,402	3,187	462
Ohio	4,659	5,130	5,431	8.1	34.3	223.7	232	1,466	3,040	427
Ind.	4,339	4,601	4,930	8.9	33.1	141.4	194	1,313	2,807	432
Ill.	5,018	5,169	5,275	10.6	26.9	217.0	240	1,243	3,039	499
Mich.	5,594	6,147	6,676	10.2	46.6	244.0	339	1,741	3,710	585
Wis.	3,880	4,368	4,799	2.9	14.9	70.7	94	1,079	3,291	245
W.N.C.	4,091	4,446	4,874	5.6	24.6	120.9	177	1,295	2,947	304
Minn.	4,144	4,393	4,799	2.6	23.2	99.1	103	1,246	3,030	296
Iowa	3,980	4,302	4,747	2.2	14.3	54.9	129	1,080	3,219	248
Mo.	4,527	4,940	5,433	11.1	32.6	223.6	287	1,669	2,795	415
N. Dak.	2,405	2,756	2,964	1.2	9.5	7.7	36	488	2,242	179
S. Dak.	2,689	2,960	3,243	.7	12.5	20.1	94	693	2,255	169
Nebr.	3,441	3,393	4,305	4.4	23.2	82.2	115	915	2,922	244
Kans.	4,544	4,896	5,379	6.9	31.5	113.1	238	1,521	3,196	272
S.A. ²	5,180	5,658	6,081	11.9	39.3	237.6	375	1,755	3,310	353
Del.	6,354	6,526	6,777	6.9	24.2	137.0	307	1,631	4,216	455
Md.	5,814	6,295	6,630	9.5	40.1	392.7	410	1,698	3,629	451
Va.	4,073	4,361	4,620	8.6	27.4	120.1	151	1,203	2,862	228
W. Va.	2,270	2,325	2,552	7.1	15.8	48.5	112	738	1,430	200
N.C.	3,882	4,372	4,640	10.6	22.7	82.3	339	1,423	2,546	216
S.C.	4,896	5,066	5,439	11.4	37.5	118.1	493	1,670	2,803	306
Ga.	4,771	5,417	5,604	13.8	44.3	197.6	300	1,699	2,977	372
Fla.	7,069	7,688	8,402	14.5	56.9	355.5	557	2,507	4,434	477
E.S.C.	3,395	3,687	4,161	11.6	28.7	129.2	218	1,337	2,145	291
Ky.	3,023	3,184	3,434	8.8	19.2	95.2	143	1,041	1,876	251
Tenn.	3,690	4,013	4,498	10.8	37.4	180.6	229	1,501	2,175	363
Ala.	3,939	4,244	4,934	13.2	30.0	132.1	273	1,527	2,642	316
Miss.	2,555	2,961	3,417	14.5	24.6	81.0	222	1,179	1,718	178
W.S.C.	5,025	5,443	5,657	15.1	43.4	181.0	294	1,704	2,948	473
Ark.	3,462	3,621	3,811	9.2	26.7	80.9	218	1,119	2,170	187
La.	4,792	5,359	5,454	15.7	44.5	197.0	408	1,524	2,888	376
Okla.	4,130	4,703	5,053	10.0	36.3	104.9	268	1,693	2,521	420
Texas	5,557	5,925	6,143	16.9	47.3	208.5	278	1,853	3,181	558
Mt.	6,114	6,484	6,831	8.4	41.9	152.5	319	1,783	4,114	413
Mont.	3,916	4,461	5,024	4.0	21.0	34.0	164	951	3,530	322
Idaho	4,015	4,241	4,782	3.1	22.4	46.8	241	1,239	2,993	237
Wyo.	4,495	4,824	4,986	6.2	28.6	44.4	313	904	3,345	345
Colo.	6,832	7,051	7,333	6.9	52.5	160.1	309	2,031	4,326	448
N. Mex.	5,180	5,788	5,979	13.1	43.3	127.9	431	1,493	3,521	351
Ariz.	7,604	7,857	8,171	10.3	45.2	193.6	402	2,155	4,891	473
Utah	4,979	5,492	5,881	3.8	27.7	80.2	192	1,322	3,932	324
Nev.	8,287	8,832	8,854	20.0	67.2	460.6	366	2,907	4,356	678
Pac.	6,891	7,233	7,588	12.3	55.4	323.0	390	2,184	3,962	661
Wash.	6,116	6,530	6,915	5.1	52.7	135.1	271	1,862	4,193	396
Oreg.	6,075	6,373	6,687	5.1	41.5	152.4	291	1,748	4,088	360
Calif.	7,136	7,469	7,833	14.5	58.2	384.2	437	2,317	3,880	743
Alaska	6,046	6,204	6,210	9.7	62.5	90.0	317	1,386	3,728	617
Hawaii	7,136	7,248	7,482	8.7	34.7	190.2	66	1,847	4,723	612

¹ Includes nonnegligent manslaughter.

² Includes District of Columbia, not shown separately.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

NO. 296. CRIME RATES FOR VIOLENT CRIMES IN CITIES, BY SIZE GROUP AND FOR SELECTED CITIES: 1971 TO 1980

[Offenses known to the police per 100,000 population. For types of violent crime, see table 297. Rates based on population of cities as estimated by FBI, using Bureau of the Census estimates as of July 1, of each year, except 1980 as of April 1.]

CITY-SIZE GROUP AND CITY	1980, city population (1,000)	1971	1973	1974	1975	1976	1977	1978	1979	1980	ANNUAL PERCENT CHANGE	
											1971- 1975	1976- 1980
Cities with population of—												
250,000 or more.....	(x)	1,047	1,003	1,108	1,159	1,095	1,070	1,121	1,238	1,414	2.6	6.6
100,000-249,999.....	(x)	503	545	600	632	573	600	627	702	812	5.9	9.1
50,000-99,999.....	(x)	300	372	406	451	416	444	486	526	602	10.7	9.7
25,000-49,999.....	(x)	243	295	331	343	338	342	364	420	455	9.0	7.7
10,000-24,999.....	(x)	188	221	250	268	254	264	276	315	352	9.3	8.5
Fewer than 10,000.....	(x)	171	199	218	232	216	230	245	279	298	7.9	8.4
Selected cities:												
New York, N.Y.....	7,035	1,611	1,483	1,615	1,781	1,781	1,629	1,694	1,862	2,126	2.5	4.5
Baltimore, Md.....	785	1,865	1,771	1,961	1,862	1,648	1,726	1,875	1,963	2,112	(z)	6.4
Washington, D.C.....	635	2,126	1,558	1,603	1,774	1,481	1,427	1,412	1,609	2,011	-4.4	8.0
Detroit, Mich.....	1,197	1,825	1,681	2,004	2,121	2,226	1,829	1,669	1,670	1,945	3.8	-3.3
San Francisco, Calif.....	674	1,439	1,197	1,135	1,364	1,618	1,409	1,596	1,675	1,885	-1.3	3.9
Los Angeles, Calif.....	2,953	1,112	1,064	1,069	1,114	1,167	1,209	1,320	1,515	1,742	(z)	10.5
Dallas, Tex.....	900	1,058	998	866	885	815	1,019	1,134	1,298	1,409	-4.4	14.7
Memphis, Tenn.....	645	488	749	819	840	736	784	792	848	1,070	14.5	9.8
Philadelphia, Pa.....	1,681	780	755	871	887	684	635	656	827	1,029	3.3	10.8
Houston, Tex.....	1,620	717	685	732	650	545	577	730	878	975	-2.4	15.7
Chicago, Ill.....	2,986	1,119	1,168	1,282	1,180	978	935	897	909	960	1.3	—
Phoenix, Ariz.....	773	671	647	717	696	576	630	775	808	908	.9	12.1
San Diego, Calif.....	875	300	372	473	502	532	560	567	656	707	13.7	7.4
Indianapolis, Ind.....	699	451	336	709	925	838	744	727	813	637	19.7	-6.6
San Antonio, Tex.....	788	507	587	624	549	436	491	422	493	541	2.0	5.5

X Not applicable. Z Less than .05 percent.

NO. 297. CRIME RATES, BY TYPE—POPULATION GROUPS AND SELECTED CITIES: 1980

[Offenses known to the police per 100,000 population. For definitions of crimes, see text, pp. 171 and 172]

CITY-SIZE GROUP ¹ AND CITY	Crime index total	VIOLENT CRIME					PROPERTY CRIME			
		Total	Mur- der	Forc- ible rape	Rob- bery	Aggra- vated assault	Total	Bur- glary— break- ing or enter- ing	Larceny— theft	Motor vehicle theft
Total, 12,333 agencies.....	6,059	601	10.3	37	254	299	5,458	1,708	3,244	505
Total, 8,551 cities.....	7,238	746	11.8	43	341	350	6,492	1,950	3,913	629
Cities with population of—										
250,000 or more.....	9,402	1,414	24.4	75	800	515	7,988	2,653	4,250	1,085
100,000-249,999.....	8,742	812	12.3	57	333	411	7,930	2,475	4,793	861
50,000-99,999.....	7,137	602	7.6	39	229	328	6,535	1,980	3,946	609
25,000-49,999.....	6,508	455	6.1	30	151	268	6,053	1,689	3,913	452
10,000-24,999.....	5,411	352	5.1	20	93	234	5,059	1,344	3,370	345
Fewer than 10,000.....	4,859	298	4.5	17	55	222	4,562	1,131	3,172	259
Suburbs, 5,245 agencies ²	5,005	370	5.9	27	112	226	4,635	1,423	2,848	364
Rural areas, 2,765 agencies.....	2,402	186	7.4	16	23	140	2,216	872	1,203	141
Selected cities:										
Dallas, Tex.....	11,778	1,409	35.4	125	554	695	10,369	3,348	6,152	869
Phoenix, Ariz.....	11,454	908	13.3	63	393	439	10,545	3,123	6,676	746
Detroit, Mich.....	10,642	1,945	45.7	110	1,122	668	8,697	3,412	3,430	1,856
San Francisco, Calif.....	10,446	1,885	16.3	113	1,117	640	8,561	2,491	4,861	1,208
New York, N.Y.....	10,094	2,126	25.8	53	1,429	618	7,968	2,995	3,545	1,428
Washington, D.C.....	10,023	2,011	31.5	69	1,401	509	8,012	2,560	4,891	562
Los Angeles, Calif.....	9,952	1,742	34.2	95	868	745	8,210	2,931	3,627	1,452
Baltimore, Md.....	9,777	2,112	27.5	71	1,277	736	7,665	2,251	4,697	716
Houston, Tex.....	8,886	975	39.1	89	671	176	7,912	3,043	4,131	1,737
San Diego, Calif.....	8,059	707	11.8	41	341	313	7,352	2,282	4,189	881
Memphis, Tenn.....	7,895	1,070	23.6	122	596	327	6,826	2,912	3,173	741
San Antonio, Tex.....	7,344	541	20.8	46	221	253	6,803	2,256	3,963	584
Chicago, Ill.....	6,583	960	28.9	45	544	342	5,624	1,148	3,445	1,031
Philadelphia, Pa.....	6,016	1,029	25.9	56	647	300	4,987	1,463	2,433	1,070
Indianapolis, Ind.....	5,327	637	15.3	59	314	249	4,689	1,442	2,706	542

¹ See headnote, table 296. ² Agencies also included in other city groups.

Source of tables 296 and 297: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 298. VICTIMIZATION RATES OF CRIMES AGAINST PERSONS: 1975 TO 1979

[Rates per 1,000 persons, 12 years old and over. Includes attempted crimes. Data based on National Crime Survey; see Appendix III]

YEAR AND CRIME	Total ¹	White	Black	MALE			FEMALE			VICTIM-OFFENDER RELATIONSHIP	
				Total ¹	White	Black	Total ¹	White	Black	Stranger	Non-stranger
1975: Total ²	33	31	43	44	42	53	23	21	34	21	11
Rape.....	1	1	1	(b)	(b)	(b)	2	2	2	1	(z)
Robbery:											
With injury.....	2	2	5	3	3	8	1	1	3	2	(z)
Without injury.....	5	4	9	7	6	14	3	2	5	4	1
Aggravated assault.....	10	9	14	14	14	19	5	5	11	6	3
Simple assault.....	16	16	13	20	21	12	12	12	14	9	7
Personal larceny.....	96	97	90	108	108	110	85	87	73	(NA)	(NA)
1978: Total ²	34	33	41	46	45	54	23	22	30	21	12
Rape.....	1	1	2	(b)	(b)	(b)	2	1	4	1	(z)
Robbery:											
With injury.....	2	2	3	3	2	4	1	1	2	1	(z)
Without injury.....	4	3	8	6	5	13	2	2	4	3	1
Aggravated assault.....	10	9	13	15	14	20	5	5	8	6	3
Simple assault.....	17	18	14	22	23	16	12	12	11	10	7
Personal larceny.....	97	98	90	106	106	102	89	90	80	(NA)	(NA)
1979: Total ²	35	34	42	45	44	53	25	24	32	22	12
Rape.....	1	1	2	(b)	(b)	(b)	2	2	3	1	(b)
Robbery:											
With injury.....	2	2	4	3	3	6	1	2	2	2	(b)
Without injury.....	4	4	9	6	5	14	3	2	4	3	1
Aggravated assault.....	10	9	13	15	14	20	5	5	7	6	4
Simple assault.....	17	18	15	22	23	12	13	13	16	10	7
Personal larceny.....	92	93	87	99	100	96	85	86	80	(b)	(b)

B Estimated number of victimizations too small to be statistically reliable. NA Not available. Z Less than .5.

¹ Includes races not shown separately. ² Excludes personal larceny.

No. 299. VICTIMIZATION RATES OF CRIMES AGAINST HOUSEHOLDS: 1975 to 1979

[Rates per 1,000 households. Includes attempted offenses. Data based on National Crime Survey; see Appendix III; for further details, see source. For definitions of crimes, see text, pp. 171 and 172]

YEAR AND HOUSEHOLD CHARACTERISTIC	BURGLARY			LARCENY			MOTOR VEHICLE THEFT		
	Total ¹	White	Black	Total ¹	White	Black	Total ¹	White	Black
1975: All households.....	92	87	129	125	126	114	19	19	27
Homeowner.....	78	76	99	116	115	118	16	15	27
Renter.....	116	109	153	142	148	111	26	26	27
Households with income of—									
Under \$7,500.....	102	94	134	112	113	98	15	14	15
\$7,500–\$14,999.....	84	80	129	137	137	135	22	20	42
\$15,000 and over.....	91	90	113	136	136	151	23	22	48
1978: All households.....	86	83	115	120	120	121	18	17	21
Homeowner.....	71	70	85	108	107	118	14	13	20
Renter.....	114	110	139	143	146	122	25	25	23
Households with income of—									
Under \$7,500.....	100	93	129	107	107	104	12	12	14
\$7,500–\$14,999.....	83	80	106	128	128	136	20	19	28
\$15,000 and over.....	80	79	103	132	132	134	20	20	26
1979: All households.....	84	80	114	134	133	133	18	17	22
Homeowner.....	69	67	91	117	116	133	13	12	22
Renter.....	113	108	133	165	171	133	26	27	22
Households with income of—									
Under \$7,500.....	94	90	112	115	117	107	12	11	13
\$7,500–\$14,999.....	87	83	113	143	142	143	19	18	25
\$15,000 and over.....	80	77	125	148	147	164	19	18	36

¹ Includes other races not shown separately.

Source of tables 298 and 299: Through 1978 U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States*, annual.

NO. 300. VICTIMIZATION RATES OF CRIMES AGAINST PERSONS AND HOUSEHOLDS, BY TYPE: 1973 TO 1979

[Rate per 1,000 persons, 12 years old and over; and per 1,000 households. Data based on National Crime Survey; see Appendix III; for further detail see source. For definition of crimes, see text, pp. 171 and 172. Minus sign (–) denotes decrease]

SECTOR AND TYPE OF CRIME	CRIME VICTIMIZATION RATE							PERCENT CHANGE IN VICTIMIZATION RATE				
	1973	1974	1975	1976	1977	1978	1979	1974-1979	1975-1979	1976-1979	1977-1979	1978-1979
Personal sector—												
Violent crime.....	32.6	33.0	32.8	32.6	33.9	33.7	34.5	4.7	5.2	6.0	1.9	2.4
Rape.....	1.0	1.0	.9	.8	.9	1.0	1.1	10.2	18.7	28.6	21.3	17.3
Robbery.....	6.7	7.2	6.8	6.5	6.2	5.9	6.3	-12.8	-7.4	-3.1	.6	6.3
Assault.....	24.9	24.8	25.2	25.3	26.8	26.9	27.2	9.6	8.1	7.7	1.6	1.3
Aggravated.....	10.1	10.4	9.6	9.9	10.0	9.7	9.9	-4.5	3.2	.6	-.6	2.4
Simple.....	14.8	14.4	15.6	15.4	16.8	17.2	17.3	19.7	11.1	12.2	2.9	.8
Larceny—theft.....	91.1	95.1	96.0	96.1	97.3	96.8	91.9	-3.4	-4.3	-4.4	-5.5	-5.0
With contact.....	3.1	3.1	3.1	2.9	2.7	3.1	2.9	-7.7	-7.1	-.7	8.3	-8.0
Without contact.....	88.0	92.0	92.9	93.2	94.6	93.6	89.0	-3.2	-4.2	-4.5	-5.9	-4.9
Household sector—												
Household burglary.....	91.7	93.1	91.7	88.9	88.5	86.0	84.1	-9.7	-8.3	-5.4	-5.0	-2.2
Household larceny.....	107.0	123.8	125.4	124.1	123.3	119.9	133.7	8.0	6.6	7.8	8.5	11.5
Motor vehicle theft.....	19.1	18.8	19.5	16.5	17.0	17.5	17.5	-6.9	-10.1	6.4	3.2	.1

Source: U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States: Summary Findings of 1978-79 Changes in Crime and of Trends Since 1973*, September 1980.

NO. 301. HOMICIDE VICTIMS, BY RACE AND SEX: 1950 TO 1978

[Rates per 100,000 resident population in specified group. Beginning 1970, excludes deaths to nonresidents of U.S. See also *Historical Statistics, Colonial Times to 1970*, series H 971-978]

YEAR	HOMICIDE VICTIMS					HOMICIDE RATE ¹				
	Total	White		Black		Total	White		Black	
		Male	Female	Male	Female		Male	Female	Male	Female
1950.....	7,942	2,586	952	3,450	890	5.3	3.9	1.4	(NA)	(NA)
1955.....	7,418	2,439	922	3,126	846	4.5	3.4	1.2	(NA)	(NA)
1960.....	8,464	2,832	1,154	3,345	1,013	4.7	3.6	1.4	36.7	10.4
1965.....	10,712	3,660	1,379	4,376	1,147	6.5	4.4	1.6	43.4	10.5
1968.....	14,686	5,106	1,700	6,283	1,418	7.4	6.0	1.9	60.0	12.3
1969.....	15,477	5,215	1,801	6,770	1,463	7.7	6.1	2.0	63.8	12.5
1970.....	16,848	5,865	1,938	7,265	1,569	8.3	6.8	2.1	67.6	13.3
1971.....	18,787	6,455	2,106	8,157	1,807	9.1	7.3	2.3	74.2	14.9
1972 ²	19,638	6,820	2,156	8,594	1,768	9.4	7.7	2.3	76.8	14.4
1973.....	20,465	7,411	2,575	8,216	1,965	9.8	8.3	2.8	73.8	15.7
1974.....	21,465	7,992	2,656	8,480	1,978	10.2	8.9	2.9	69.6	15.1
1975.....	21,310	8,222	2,751	8,092	1,929	10.0	9.1	2.9	62.2	13.6
1976.....	19,554	7,568	2,547	7,327	1,767	9.1	8.3	2.9	59.7	13.2
1977.....	19,968	7,951	2,787	7,135	1,734	9.2	8.7	2.9	58.7	13.2
1978.....	20,432	8,429	2,771	7,118	1,739	9.4	9.2	2.9	58.7	13.0

NA Not available. ¹ Rate based on enumerated population figures of April 1 for 1950, 1960, and 1970; July 1 estimates for other years. ² Based on a 50-percent sample of deaths.

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

NO. 302. HOMICIDE VICTIMS: 1960 TO 1978

[Beginning 1970, excludes deaths of nonresidents of the United States. Prior to 1970, causes of death classified according to seventh revision of *International Classification of Diseases*, thereafter, to eighth revision. See also *Historical Statistics, Colonial Times to 1970*, series H 971-986]

ITEM	1960, total	1965, total	1970		1975		1976		1977		1978	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Homicides.....	8,464	10,712	13,278	3,570	16,553	4,757	15,142	4,412	15,355	4,613	15,838	4,594
Assault by—												
Firearms ¹	4,627	6,158	9,209	2,004	11,729	2,566	10,452	2,314	10,520	2,354	10,997	2,389
Percent of total.....	54.7	57.5	69.4	56.1	70.9	53.9	69.0	52.4	68.5	51.0	69.4	52.0
Cutting and piercing instruments.....	1,836	2,292	2,229	551	2,598	764	2,583	721	2,747	795	2,729	783
Other means.....	1,700	1,984	1,512	1,010	1,897	1,420	1,818	1,372	1,821	1,462	1,854	1,414
Intervention of police.....	245	271	328	5	329	7	289	5	266	2	257	8
Execution.....	56	7	—	—	—	—	—	—	1	—	—	—
Infanticides ².....	199	213	80	70	102	76	88	82	96	81	82	79

— Represents zero. ¹ Includes explosives. ² Included above; homicide victims under 1 year of age.

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

NO. 303. HOMICIDE—VICTIMS AND RATE, SELECTED COUNTRIES: 1976 TO 1979

[Rates per 100,000 population of all ages]

COUNTRY	HOMICIDE VICTIMS				HOMICIDE RATE			
	1976	1977	1978	1979	1976	1977	1978	1979
U.S.....	19,554	19,968	20,432	(NA)	9.1	9.2	9.4	(NA)
Australia.....	285	272	258	265	2.0	1.9	1.8	1.8
Austria.....	94	98	106	96	1.3	1.3	1.4	1.3
Canada.....	563	607	(NA)	(NA)	2.4	2.6	(NA)	(NA)
Denmark.....	35	35	27	50	.7	.7	.5	1.0
Finland.....	155	135	(NA)	(NA)	3.3	2.8	(NA)	(NA)
France.....	479	522	(NA)	(NA)	.9	1.0	(NA)	(NA)
Germany, Fed. Rep. of.....	778	727	740	(NA)	1.3	1.2	1.2	(NA)
Greece.....	60	58	66	(NA)	.7	.6	.7	(NA)
Ireland.....	11	28	(NA)	(NA)	.3	.9	(NA)	(NA)
Israel ¹	58	52	60	(NA)	1.6	1.4	1.6	(NA)
Japan.....	1,424	1,376	1,306	1,192	1.3	1.2	1.1	1.0
Netherlands.....	112	120	112	120	.8	.9	.8	.9
Norway.....	30	33	30	38	.7	.8	.7	.9
Philippines.....	729	(NA)	(NA)	(NA)	1.7	(NA)	(NA)	(NA)
Poland.....	416	454	446	(NA)	1.2	1.3	1.3	(NA)
Spain.....	187	240	(NA)	(NA)	.5	.7	(NA)	(NA)
Sweden.....	103	97	82	112	1.3	1.2	1.0	1.4
Switzerland.....	56	54	46	58	.9	.9	.7	.9
United Kingdom:								
England ²	540	449	612	523	1.1	.9	1.2	1.1
No. Ireland.....	210	220	87	(NA)	13.7	14.3	5.7	(NA)
Scotland.....	101	98	78	77	1.9	1.9	1.5	1.5

NA Not available. ¹ Jewish population. ² Includes Wales.

Source: World Health Organization, Geneva, Switzerland, unpublished data.

NO. 304. MURDER VICTIMS, BY WEAPONS USED OR CAUSE: 1970 TO 1980

[Based solely on police investigation. See text, p. 171, for definition of murder]

YEAR	Murder victims, total	WEAPONS USED OR CAUSE OF DEATH						
		Guns		Cutting or stabbing		Blunt object ¹	Strangulations, beatings	Arson
		Total	Percent	Total	Percent			
1970.....	13,649	9,039	66.2	2,424	17.8	604	1,031	^a 353
1972.....	15,832	10,379	65.6	2,974	18.8	672	1,291	^a 331
1973.....	17,123	11,249	65.7	2,985	17.4	848	1,445	173
1974.....	18,632	12,474	67.9	3,228	17.3	976	1,417	153
1975.....	18,642	12,061	65.8	3,245	17.4	1,001	1,646	193
1976.....	16,605	10,592	63.8	2,956	17.8	806	1,330	227
1977.....	18,033	11,274	62.5	3,440	19.1	849	1,431	252
1978.....	18,714	11,910	63.6	3,526	18.8	896	1,422	^a 255
1979.....	20,591	13,040	63.3	3,954	19.2	997	1,557	276
1980.....	21,860	13,650	62.4	4,212	19.3	1,094	1,666	291

¹ Refers to club, hammer, etc. ² Includes poison, explosives, unknown, and not stated; for 1973 to 1978, includes drownings.^a Includes drownings etc.

NO. 305. PERCENT OF FIREARMS USAGE IN SELECTED CRIMES, BY REGION: 1975 TO 1980

[For definitions of crimes, see text, pp. 171 and 172. For regions, see fig. 1. Murder includes nonnegligent manslaughter]

REGION	MURDER				AGGRAVATED ASSAULT				ROBBERY			
	1975	1978	1979	1980	1975	1978	1979	1980	1975	1978	1979	1980
U.S. total.....	65.8	63.6	63.3	62.4	24.9	22.4	23.0	23.9	44.8	40.3	39.7	40.3
Northeast.....	51.3	51.7	52.7	54.2	17.6	14.1	14.9	15.5	32.7	29.9	30.5	32.6
North Central.....	70.7	67.2	64.9	62.8	28.5	23.3	23.8	25.0	52.7	46.5	42.6	42.0
South.....	72.7	69.5	64.7	68.4	29.2	26.9	27.3	27.6	53.4	47.7	47.7	46.7
West.....	59.0	57.2	58.0	57.8	22.3	21.8	23.1	24.5	44.4	43.1	41.9	43.2

Source of tables 304 and 305: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

NO. 306. LAW ENFORCEMENT OFFICERS KILLED, BY GEOGRAPHIC DIVISION: 1960 TO 1980

[Covers officers killed in line of duty; beginning 1972, includes Federal officers. For composition of divisions, see fig. 1, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series H 987-998]

DIVISION	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total killed.....	48	83	146	157	176	179	¹185	²140	³123	146	⁴165	³165
By felons.....	(NA)	53	100	116	134	132	¹ 129	² 111	³ 93	93	106	104
In accidents.....	(NA)	30	46	41	42	47	56	29	³ 30	53	59	61
New England.....	3	3	2	2	7	2	4	4	2	4	2	6
Middle Atlantic.....	7	10	29	22	21	18	24	15	12	13	20	25
East North Central.....	9	10	38	23	21	43	32	19	10	13	23	14
West North Central.....	3	3	6	12	6	8	8	11	14	11	5	9
South Atlantic.....	13	15	23	38	37	42	31	34	31	23	36	32
East South Central.....	2	9	5	12	13	12	18	14	11	16	22	15
West South Central.....	6	14	15	27	30	23	22	21	21	30	19	25
Mountain.....	-	7	4	7	16	9	14	4	3	7	14	11
Pacific.....	5	12	24	12	21	18	22	13	15	25	18	21
Puerto Rico.....	(NA)	(NA)	(NA)	2	4	4	8	4	1	4	4	6

- Represents zero. NA Not available. ¹Includes one officer each in Virgin Islands and Guam. ²Includes one officer in Colombia. ³Includes one officer in Virgin Islands. ⁴Includes 2 officers in Guam.

NO. 307. SELECTED CRIMES, BY TYPE: 1980

TYPE OF CRIME	Of-fenses (1,000)	PERCENT		Average value lost (dol.)	TYPE OF CRIME	Of-fenses (1,000)	PERCENT		Average value lost (dol.)
		Change from 1979	Incidence, 1980				Change from 1979 ¹	Incidence, 1980	
Robbery, total².....	533	18.2	100.0	607	Larceny—theft, total².....	6,764	8.2	100.0	307
Highway.....	276	23.6	51.8	399	Pocket picking.....	81	17.7	1.2	252
Commercial house.....	73	13.1	13.8	975	Purse snatching.....	102	12.9	1.5	154
Gas station.....	22	29.2	4.1	398	Shoplifting.....	733	5.5	10.8	66
Chain store.....	36	12.7	6.8	444	From motor vehicles.....	1,167	8.2	17.3	341
Residence.....	57	17.9	10.7	1,043	Motor vehicle accessories.....	1,295	7.1	18.1	172
Bank.....	8	5.1	1.5	2,784	Bicycles.....	678	.5	10.0	125
Burglary, total.....	3,578	13.8	100.0	882	From buildings.....	1,125	9.3	16.6	483
Residence.....	2,381	19.0	66.5	964	From coin-operated machines.....	55	-2.7	.8	134
Nonresidence.....	1,197	4.7	33.5	717					

¹Minus sign (-) denotes decrease. ²Includes types not shown separately.

NO. 308. OFFENSES, ARRESTS, AND CLEARANCES, BY TYPE OF CRIME: 1970 TO 1977

[Covers crimes constituting "FBI Crime Index." Excludes pending cases]

ITEM	Unit	VIOLENT CRIMES					PROPERTY CRIMES				
		1970	1974	1975	1976	1977	1970	1974	1975	1976	1977
Cities represented.....	Number.....	2,221	1,496	2,198	2,559	1,847	2,221	1,496	2,198	2,559	1,847
FBI estimated population.....	Mil.....	60	32	33	35	50	60	32	33	35	50
Offenses known.....	1,000.....	209	173	145	116	114	2,716	1,744	1,792	1,740	1,475
Offenses cleared.....	1,000.....	101	85	72	66	60	479	340	334	334	284
Percent cleared.....	Percent.....	48.2	48.9	49.8	56.6	52.9	17.6	19.5	18.6	19.2	19.3
Total arrests.....	1,000.....	89	58	59	50	45	472	314	325	315	272
Per 100 offenses.....	Rate.....	42.7	33.3	40.5	42.9	39.4	17.4	18.0	18.1	18.1	18.5
Persons charged.....	1,000.....	83	55	56	47	43	406	282	298	284	247
Per 100 offenses.....	Rate.....	39.7	31.5	38.4	40.7	37.6	15.0	16.2	16.6	16.3	16.8
Guilty as charged.....	1,000.....	20	13	14	15	13	119	83	92	95	81
Per 100 offenses.....	Rate.....	9.6	7.4	10.0	12.5	11.5	4.4	4.8	5.1	5.5	5.5
Guilty of lesser offenses.....	1,000.....	7	5	3	3	3	16	10	8	9	8
Per 100 offenses.....	Rate.....	3.4	2.7	2.2	2.7	2.9	.6	.6	.4	.5	.5
Acquitted or dismissed.....	1,000.....	18	12	12	10	9	47	34	33	34	25
Per 100 offenses.....	Rate.....	8.7	7.1	8.0	8.7	7.9	1.7	1.9	1.9	1.9	1.7
Referred to juvenile court.....	1,000.....	16	9	9	8	7	154	102	113	102	91
Per 100 offenses.....	Rate.....	7.5	5.1	6.4	6.6	6.3	5.7	5.8	6.3	5.9	6.2

Source of tables 306-308: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual; and unpublished data.

NO. 309. PERSONS ARRESTED—RACE, SEX, AND AGE: 1970 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series H 999-1011]

ITEM	Unit	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Agencies reporting.....	Number.....	5,208	6,114	5,914	5,222	7,993	10,058	10,864	11,852	11,689	12,013
Population represented.....	Million.....	142	151	145	124	169	173	197	207	204	208
Persons arrested ¹	1,000.....	6,257	6,707	6,248	5,853	7,671	7,384	8,972	9,688	9,468	9,684
White.....	1,000.....	4,373	4,664	4,459	4,112	5,539	5,337	6,429	6,793	6,849	7,146
Percent of total.....	Percent.....	69.9	69.5	71.4	70.3	72.2	72.3	71.7	70.1	72.3	73.8
Black.....	1,000.....	1,688	1,848	1,636	1,562	1,935	1,870	2,308	2,562	2,343	2,375
Other.....	1,000.....	196	195	153	179	197	177	235	333	276	163
SEX AND AGE											
Agencies reporting.....	Number.....	5,270	6,195	6,004	5,208	8,051	10,119	10,904	11,872	11,758	12,042
Population represented.....	Million.....	152	160	155	134	179	175	198	207	205	208
Persons arrested ¹	1,000.....	6,570	7,013	6,500	6,179	8,014	7,912	9,029	9,775	9,506	9,703
Male.....	1,000.....	5,624	5,956	5,502	5,185	6,752	6,672	7,581	8,227	8,011	8,170
Percent of total.....	Percent.....	85.6	84.9	84.6	83.9	84.3	84.3	84.0	84.2	84.3	84.2
Percent under 18 yr.....	Percent.....	23.2	23.3	24.4	26.4	25.5	23.3	22.5	22.0	21.3	19.7
Female.....	1,000.....	947	1,057	998	994	1,262	1,240	1,448	1,548	1,495	1,533
Percent of total.....	Percent.....	14.4	15.1	15.4	16.1	15.7	15.7	16.0	15.8	15.7	15.8
Percent under 18 yr.....	Percent.....	37.5	38.4	37.6	36.1	35.5	33.5	32.2	30.4	29.4	27.1
Under 18 years.....	1,000.....	1,661	1,794	1,717	1,683	2,078	1,973	2,170	2,279	2,143	2,026
Percent of total.....	Percent.....	25.3	25.6	26.4	27.2	25.9	24.9	24.0	23.3	22.5	20.9
18-24 years.....	1,000.....	1,785	1,958	1,869	1,886	2,482	2,517	2,920	3,257	3,279	3,426
25-34 years.....	1,000.....	1,128	1,270	1,179	1,140	1,546	1,589	1,887	2,111	2,106	2,298
35-44 years.....	1,000.....	887	884	768	1,664	870	857	970	1,037	983	1,001
45-54 years.....	1,000.....	685	681	597	500	644	604	665	669	600	574
55 years and over.....	1,000.....	425	413	360	299	386	367	409	412	385	378

¹ Represents each person arrested rather than number of charges filed against each. Includes persons for whom age was not known, not shown separately in breakdown by age.

NO. 310. PERSONS ARRESTED BY CHARGE, SEX, AND AGE: 1976 AND 1980

[In thousands, except percent. Represents arrests reported by 9,648 agencies with a total 1980 population of 194,685,491 as estimated by FBI. Represents persons arrested, not charges]

PERSONS ARRESTED, BY CHARGE	MALE			FEMALE			PERCENT UNDER 18 YEARS OLD			
	1976	1980		1976	1980		Male		Female	
		Total	Under 18 yr.		Total	Under 18 yr.	1976	1980	1976	1980
Total persons arrested ¹	7,191.1	7,523.3	1,512.3	1,340.3	1,424.5	390.8	23.2	20.1	33.2	27.4
Serious crimes ²	1,555.0	1,682.0	617.9	383.0	393.0	132.7	42.5	36.7	38.4	33.8
Murder ³	14.6	15.5	1.5	2.4	2.3	.1	10.1	9.9	7.4	6.0
Forcible rape.....	23.3	27.5	4.1	2	.3	.1	17.1	14.8	30.0	29.9
Robbery.....	114.3	124.8	38.2	8.9	9.7	2.9	31.8	30.6	31.4	29.5
Aggravated assault.....	179.1	211.8	30.8	26.8	30.1	5.6	17.1	14.6	21.1	18.5
Burglary—breaking or entering.....	415.2	421.0	169.8	24.8	27.6	12.9	51.7	45.1	49.7	46.6
Larceny—thrift.....	679.0	754.6	296.7	309.2	310.4	104.9	45.1	39.3	38.9	33.8
Motor vehicle theft.....	116.1	111.8	50.1	9.0	10.5	5.6	51.9	44.8	58.1	52.7
Arson.....	13.4	14.9	6.7	1.7	2.0	.8	54.5	44.9	43.2	38.0
All other:										
Other assaults.....	326.2	366.7	61.4	53.2	59.2	16.4	19.3	16.8	30.7	27.6
Forgery and counterfeiting.....	40.1	45.6	6.1	17.1	20.7	2.6	11.6	13.4	12.4	12.7
Fraud.....	102.5	131.3	4.8	57.6	93.2	2.0	4.3	3.6	2.5	2.1
Embezzlement.....	5.9	4.9	.6	2.6	2.0	.2	8.8	12.3	4.0	11.7
Stolen property ⁴	90.8	95.4	29.4	10.7	11.2	2.8	32.7	30.8	25.0	25.3
Weapons (carrying, possessing).....	123.9	136.2	21.4	11.0	10.7	1.3	16.7	15.7	12.2	12.2
Prostitution and commercialized vice.....	19.7	24.9	.9	49.2	58.1	2.1	3.2	3.5	4.5	3.6
Sex offenses ⁵	51.1	55.0	9.7	5.0	4.5	.7	19.7	17.6	22.4	16.2
Drug abuse violations.....	477.8	422.9	78.4	77.0	66.3	15.6	23.1	18.5	27.7	23.6
Gambling.....	63.3	40.9	1.6	6.7	4.6	.1	4.3	4.0	4.0	1.8
Offenses against family and children.....	52.2	38.0	1.2	6.3	4.9	.7	5.5	3.2	21.6	14.3
Driving while intoxicated.....	900.9	1,024.1	23.1	80.2	108.9	2.8	2.0	2.3	2.0	2.5
Liquor laws.....	263.1	324.8	100.8	43.2	58.0	29.3	33.8	31.0	53.4	50.6
Drunkness.....	1,066.0	914.0	34.1	82.5	75.8	5.5	3.8	3.7	7.5	7.3
Disorderly conduct.....	558.0	581.5	94.0	107.9	107.6	20.3	19.0	16.2	20.8	18.8
Vagrancy.....	28.1	24.1	3.3	7.7	4.0	.6	20.5	13.5	13.1	14.2
All other offenses, except traffic.....	1,148.4	1,308.5	220.7	199.9	230.7	54.0	20.5	16.9	30.2	23.4

¹ Includes vandalism, curfew violators and runaways. ² Includes arson arrests, a newly established index offense in 1979. ³ Includes nonnegligent manslaughter. ⁴ Buying, receiving, possessing. ⁵ Excludes forcible rape and prostitution, shown separately.

NO. 311. PERSONS ARRESTED, BY CHARGE, SEX, AND AGE: 1980

[Represents arrests (not charges) reported by 12,042 agencies with a total 1980 population of 208 million as estimated by FBI]

PERSONS ARRESTED, BY CHARGE	Total (1,000)	PERCENT							
		Male	Under 15 yr.	Under 18 yr.	18-24 yr.	25-44 yr.	45-54 yr.	55-64 yr.	65 yr. and over
Total arrests	9,703	84.2	6.2	20.9	35.3	34.0	5.9	2.9	1.0
Serious crimes ¹	2,198	81.2	12.8	35.9	33.8	24.9	3.1	1.6	.8
Murder and nonnegligent manslaughter.....	19	87.2	1.0	9.3	35.4	44.9	6.1	2.9	1.3
Forcible rape.....	29	99.1	3.6	14.8	39.2	41.0	3.5	1.2	.4
Robbery.....	139	92.8	7.1	30.1	42.9	25.3	1.2	.4	.1
Aggravated assault.....	259	87.6	3.9	14.7	34.2	41.7	5.9	2.5	.9
Burglary ²	480	93.8	15.3	44.9	36.2	17.4	1.0	.4	.1
Larceny—thief.....	1,124	71.1	14.9	37.5	31.4	24.2	3.7	2.1	1.1
Motor vehicle theft.....	130	91.4	11.1	45.3	34.4	18.4	1.3	.4	.1
Arson.....	18	88.1	25.4	44.2	26.2	23.8	3.8	1.6	.5
All other:									
Other assaults.....	457	86.1	6.1	17.9	34.0	40.3	5.2	2.0	.7
Forgery and counterfeiting.....	73	68.9	2.0	13.0	40.1	42.4	3.4	1.0	.2
Fraud.....	262	58.6	.5	2.8	31.0	57.5	6.1	1.9	.6
Embezzlement.....	8	71.5	1.8	11.3	34.7	45.1	6.6	2.0	.3
Stolen property ³	116	89.5	8.1	29.9	39.3	26.7	2.8	1.0	.3
Vandalism.....	234	91.4	23.4	49.4	30.1	17.8	1.7	.7	.2
Weapons (carrying, etc.).....	157	92.8	3.6	15.3	36.2	39.5	5.6	2.5	1.0
Prostitution and commercialized vice.....	86	30.5	.3	3.6	56.8	34.9	2.7	1.5	.4
Sex offenses ⁴	63	92.7	6.6	17.5	29.5	40.5	7.2	3.9	1.4
Drug abuse violations.....	533	86.6	2.7	18.9	49.2	29.6	1.5	.7	.1
Gambling.....	47	89.9	.5	3.7	19.6	45.4	16.6	9.8	4.9
Offenses against family and children.....	50	89.4	2.0	4.1	30.2	58.0	5.8	1.5	.4
Driving while intoxicated.....	1,304	90.6	(2)	2.3	32.1	47.9	10.8	5.4	1.5
Liquor laws	428	85.0	2.2	33.1	50.5	12.1	2.4	1.3	.5
Drunkenness.....	1,050	92.3	.4	4.1	28.7	43.1	13.8	7.9	2.4
Disorderly conduct.....	724	84.5	4.2	16.5	40.9	33.5	5.5	2.8	.9
Vagrancy.....	29	86.0	3.2	13.7	37.2	38.2	6.4	3.5	1.0
Suspicion.....	16	85.9	5.6	21.6	39.4	34.5	3.0	1.2	.4
Curfew, loitering (juveniles).....	67	76.4	23.1	100.0	(X)	(X)	(X)	(X)	(X)
Runaways (juveniles).....	144	41.8	41.5	100.0	(X)	(X)	(X)	(X)	(X)
All other offenses, except traffic.....	1,659	85.1	4.8	17.6	36.5	36.0	5.0	2.2	.7

X Not applicable. Z Less than .05 percent ¹Includes arson arrests, a newly established index offense in 1979.
²Breaking or entering. ³Buying, receiving, possessing. ⁴Excludes forcible rape and prostitution, shown separately.

NO. 312. PERSONS ARRESTED, BY CHARGE AND RACE: 1980

[In thousands. Represents arrests (not charges) reported by 12,013 agencies with a total 1980 population of 208 million as estimated by FBI. Represents persons arrested, not charges]

PERSONS ARRESTED, BY CHARGE	Total	White	Black	Other	PERSONS ARRESTED, BY CHARGE	Total	White	Black	Other
Total ¹	9,684	7,145.7	2,375.2	162.7	All other—Con.				
Serious crimes ²	2,196	1,438.0	720.7	36.9	Stolen property ³	115	77.7	36.6	1.1
Murder and nonnegligent manslaughter.....	19	9.5	9.0	.3	Weapons (carrying, etc.).....	157	98.0	57.2	1.9
Forcible rape.....	29	14.9	14.0	.4	Prostitution and commercialized vice.....	86	39.0	45.6	1.2
Robbery.....	139	57.3	80.5	1.6	Sex offenses ⁴	63	49.9	12.6	1.0
Aggravated assault.....	258	161.0	93.3	4.1	Drug abuse violations.....	532	402.0	125.6	4.4
Burglary ²	479	333.7	139.4	6.0	Gambling.....	47	14.1	31.1	1.5
Larceny—thief.....	1,123	758.2	342.6	21.8	Offenses against family and children.....	50	31.3	18.0	.7
Motor vehicle theft.....	130	89.0	38.1	2.5	Driving, intoxicated.....	1,289	1,124.4	144.0	21.0
Arson.....	18	14.5	3.8	.2	Liquor laws.....	428	392.3	27.5	8.4
All other:					Drunkenness.....	1,048	854.4	165.9	27.3
Other assaults.....	456	304.9	145.1	6.4	Disorderly conduct.....	724	492.4	219.4	12.0
Forgery and counterfeiting.....	72	48.0	23.9	.7	Vagrancy.....	29	19.6	9.0	.7
Embezzlement, fraud.....	273	189.1	81.9	2.1	Other, except traffic.....	1,658	1,192.7	436.7	28.4

¹Includes curfew violators and runaways, vandalism, and suspicion, not shown separately. ²Includes arson arrest. ³Breaking or entering. ⁴Buying, receiving, possessing. ⁵See footnote 4, table 311.

Source of tables 311 and 312: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

NO. 313. CRIMINAL JUSTICE SYSTEM—PUBLIC EXPENDITURES AND EMPLOYMENT, BY LEVEL OF GOVERNMENT: 1970 TO 1979

[Expenditures are for fiscal years closing during the 12 months ending **June 30**. Employment as of **October**. Expenditures are direct expenditures only and on cash flow basis. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 1012-1027.]

LEVEL OF GOVERNMENT AND ACTIVITY	EXPENDITURES (mil. dol.)						FULL-TIME EQUIVALENT EMPLOYMENT					
	1970	1975	1976	1977	1978	1979	Total ¹ (1,000)			Rate ²		
							1970	1975	1979	1970	1975	1979
All governments.....	³ 8,571	³ 17,249	³ 19,681	³ 21,574	³ 24,132	³ 25,871	775	³ 1,051	³ 1,178	38.0	³ 49.3	³ 53.5
Police.....	5,080	9,786	11,028	11,865	13,120	13,812	489	625	653	24.0	29.3	29.7
Judicial.....	1,190	2,068	2,428	2,638	3,067	3,389	96	132	157	4.7	6.2	7.1
Legal services.....	442	933	1,048	1,225	1,460	1,648	38	55	73	1.9	2.6	3.3
Public defense.....	102	280	331	404	524	597	3	6	9	.2	.3	.4
Corrections.....	1,706	3,843	4,386	4,934	5,523	5,986	148	225	276	7.3	10.5	12.6
Federal Government.....	³ 978	³ 2,189	³ 2,450	³ 2,779	³ 3,122	³ 3,269	59	³ 96	³ 103	2.9	³ 4.5	³ 4.7
Police.....	589	1,461	1,612	1,765	1,952	1,948	40	69	73	1.9	3.2	3.3
Judicial.....	129	165	219	290	321	370	7	7	8	.3	.3	.4
Legal services.....	102	177	149	186	216	266	7	7	8	.3	.3	.4
Public defense.....	56	87	104	140	209	240	(2)	(2)	1	(2)	(2)	(2)
Corrections.....	83	217	256	299	337	354	6	11	12	.3	.5	.6
State governments.....	³ 2,134	³ 4,612	³ 5,204	³ 5,812	³ 6,688	³ 7,346	172	³ 263	³ 328	8.5	³ 12.4	³ 14.9
Percent of total.....	24.9	26.7	26.4	26.9	27.7	28.4	22.2	25.0	27.8	(x)	(x)	(x)
Police.....	689	1,512	1,696	1,800	1,892	1,988	56	92	92	2.7	4.3	4.2
Judicial.....	282	498	585	651	1,013	1,207	18	26	48	.9	1.2	2.2
Legal services.....	83	216	248	297	386	429	7	12	20	.3	.6	.9
Public defense.....	9	65	70	78	98	118	1	3	4	(2)	.1	.2
Corrections.....	1,051	2,193	2,475	2,847	3,177	3,478	90	127	161	4.4	6.0	7.3
Local governments.....	³ 5,454	³ 10,449	³ 12,027	³ 12,983	³ 14,322	³ 15,256	543	³ 691	³ 746	26.7	³ 32.4	³ 33.9
Percent of total.....	63.6	60.6	61.1	60.2	59.3	59.0	70.1	65.7	63.3	(x)	(x)	(x)
Police.....	3,803	6,813	7,720	8,300	9,276	9,876	394	463	489	19.3	21.7	22.2
Judicial.....	779	1,405	1,624	1,698	1,733	1,812	70	99	100	3.4	4.7	4.5
Legal services.....	257	540	651	743	859	953	25	36	45	1.2	1.7	2.1
Public defense.....	37	128	157	185	217	239	3	4	5	.1	.2	.2
Corrections.....	572	1,434	1,654	1,788	2,009	2,154	52	87	104	2.6	4.1	4.7

X Not applicable. Z Less than 500 or .05 percent. ¹ Derived by dividing total payroll by full-time payroll and multiplying result by full-time employees. ² Rate per 10,000 estimated population as of July 1, excluding Armed Forces abroad.

³ Includes amounts not shown separately.

Source: 1970-1977, U.S. Law Enforcement Assistance Administration and U.S. Bureau of the Census; 1978, U.S. Bureau of Justice Statistics and U.S. Bureau of the Census; thereafter, U.S. Bureau of Justice Statistics, *Expenditure and Employment Data for the Criminal Justice System*, annual.

NO. 314. AUTHORIZED INTERCEPTS OF COMMUNICATION—SUMMARY: 1970 TO 1980

[Data for jurisdictions with statutes authorizing or approving interception of wire or oral communication]

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Jurisdictions: ¹										
With wiretap statutes.....	19	21	24	24	24	24	24	24	26	28
Reporting interceptions.....	12	18	20	19	18	21	19	20	20	22
Intercept applications authorized.....	596	855	864	728	701	686	626	570	553	564
Residence or apartment.....	368	569	556	419	455	435	410	361	393	385
Business or other.....	230	286	308	309	246	251	216	209	160	179
Intercept installations.....	582	841	812	694	676	635	601	560	533	524
Average length (days).....	22	22	24	23	22	23	25	24	24	24
Tap (telephone wiretap).....	538	779	731	633	620	581	554	510	484	475
Bug (incl. unspecified) ²	44	62	81	61	56	54	47	50	49	49
Federal.....	179	205	130	120	106	136	77	81	87	79
State.....	403	636	682	574	570	499	524	479	446	445
Intercepted communications, avg. ³	656	600	610	850	654	662	658	738	866	1,058
Incriminating.....	296	303	304	431	305	272	268	205	252	315
Persons arrested ⁴	1,874	2,861	2,306	2,162	2,234	2,180	2,191	1,825	1,717	1,871
Convictions ⁴	151	402	409	179	336	358	372	337	368	259
Major offense specified:										
Gambling.....	325	497	446	381	408	378	265	241	204	199
Drugs.....	127	230	229	199	178	190	237	195	250	282
Homicide and assault.....	21	35	47	21	16	10	22	25	29	13
Larceny and theft.....	31	22	36	22	5	9	20	7	7	10
Bribery.....	16	9	25	25	21	24	17	15	4	1
Extortion, usury and loan sharking.....	17	13	21	14	27	17	13	14	15	9
Other.....	59	49	60	66	46	58	52	73	44	50

¹ Jurisdictions include Federal Government, States, and beginning 1975, District of Columbia. ² A listening device, e.g., a microphone. Includes use of a microphone and telephone wiretap simultaneously. ³ Average per authorized installation.

⁴ Based on information received from intercepts installed in year shown.

Source: Administrative Office of the U.S. Courts, *Report on Applications for Orders Authorizing or Approving the Interception of Wire or Oral Communications*, annual.

NO. 315. STATE AND LOCAL GOVERNMENT POLICE AND CORRECTIONS EMPLOYMENT AND EXPENDITURES, 1960 TO 1979, AND BY STATES, 1979

[Employees as of **October**. Direct expenditures for police protection are for fiscal years ending **June 30** in year stated. Local government data are estimates subject to sampling variation; see source]

YEAR AND STATE	EMPLOYEES (full-time equivalent) ¹								POLICE EXPENDITURES				Corrections expenditures, State and local (mil. dol.)
	Police protection				Corrections				State and local (mil. dol.)	Local			
	State and local	Rate per 1,000 population ²	Local		State and local	Rate per 1,000 population ²	Local			Total (mil. dol.)	Per-cent		
			Total	Per-cent			Total	Per-cent					
1960.....	303,771	1.7	271,634	89.4	(NA)	(NA)	(NA)	(NA)	1,857	1,612	87	678	
1965.....	348,569	1.8	308,472	88.5	110,700	.6	41,163	37.2	2,549	2,201	86	974	
1970.....	449,656	2.2	393,810	87.6	142,307	.7	51,973	36.5	4,491	3,803	85	1,624	
1973.....	511,146	2.4	429,512	84.0	187,298	.9	75,122	40.1	6,535	5,405	83	2,564	
1974.....	539,409	2.6	449,587	83.3	203,230	1.0	82,070	40.4	7,290	5,984	82	3,026	
1975.....	555,849	2.6	463,404	83.4	213,813	1.0	86,880	40.6	8,326	6,813	82	3,627	
1976.....	556,926	2.6	466,042	83.7	227,576	1.1	93,156	40.9	9,417	7,720	82	4,130	
1977.....	573,582	2.7	479,908	83.7	243,248	1.1	97,696	40.2	10,099	8,300	82	4,635	
1978.....	581,957	2.7	489,514	84.1	253,448	1.2	102,040	40.3	11,153	9,261	83	5,185	
1979.....	580,269	2.2	488,832	84.2	264,363	1.2	103,683	39.2	11,864	9,876	83	5,633	
Ala.....	8,605	2.3	7,156	83.2	3,128	.8	1,261	40.3	135	106	79	57	
Alaska.....	1,408	3.5	804	57.1	558	1.4	39	7.0	53	27	51	23	
Ariz.....	7,665	3.1	6,078	79.3	3,537	1.4	1,513	42.8	185	144	78	74	
Ark.....	4,233	1.9	3,331	78.7	1,665	.8	571	34.3	59	43	73	29	
Calif.....	61,632	2.7	50,658	82.2	32,649	1.4	19,905	61.0	1,511	1,244	82	824	
Colo.....	7,487	2.7	6,482	86.6	2,675	1.0	1,029	38.5	144	122	85	68	
Conn.....	8,023	2.6	6,524	81.3	2,631	.8	10	.4	173	139	80	61	
Del.....	1,639	2.8	890	54.3	1,048	1.8	-	-	34	19	56	20	
D.C.....	4,802	7.3	4,802	100.0	2,811	4.3	2,811	100.0	103	103	100	77	
Fla.....	26,160	3.0	22,985	87.9	14,492	1.6	3,550	24.5	493	427	87	275	
Ga.....	12,485	2.4	10,405	83.3	7,255	1.4	2,152	29.7	199	158	79	126	
Hawaii.....	2,698	2.9	2,576	95.5	735	.8	51	6.9	53	52	98	24	
Idaho.....	2,217	2.4	1,769	79.8	713	.8	190	26.6	36	26	72	13	
Ill.....	35,628	3.2	31,928	89.6	11,294	1.0	4,361	38.6	748	663	89	260	
Ind.....	11,314	2.1	9,096	80.4	4,578	.8	1,667	36.4	188	141	75	86	
Iowa.....	5,764	2.0	4,559	79.1	2,427	.8	822	33.9	106	78	74	56	
Kans.....	5,432	2.3	4,622	85.1	2,461	1.0	596	24.2	83	69	83	43	
Ky.....	7,120	2.0	5,267	74.0	3,158	.9	952	30.1	133	88	66	67	
La.....	11,551	2.9	9,817	85.0	5,920	1.5	1,831	30.9	199	154	77	111	
Maine.....	2,218	2.0	1,721	77.6	948	.9	228	24.1	36	25	69	16	
Md.....	12,735	3.1	9,831	77.2	6,702	1.6	1,296	19.3	256	199	78	155	
Mass.....	16,730	2.9	14,490	86.6	5,836	1.0	1,452	24.9	357	312	87	135	
Mich.....	23,071	2.5	19,374	84.0	10,774	1.2	4,201	39.0	559	464	83	273	
Minn.....	7,810	1.9	6,605	84.6	3,641	.9	1,808	49.7	171	138	81	89	
Miss.....	4,871	2.0	3,795	77.9	1,818	.7	500	27.5	71	49	69	35	
Mo.....	13,464	2.8	11,729	87.1	4,763	1.0	2,082	43.7	235	198	84	84	
Mont.....	1,872	2.4	1,522	81.3	868	1.1	221	25.5	30	23	77	16	
Nebr.....	3,496	2.2	2,782	79.6	1,715	1.1	441	25.7	60	45	75	37	
Nev.....	2,556	3.6	2,248	87.9	1,569	2.2	694	44.2	54	46	85	34	
N.H.....	2,164	2.4	1,742	80.5	793	.9	220	27.7	37	28	76	15	
N.J.....	25,650	3.5	22,085	86.1	10,217	1.4	6,145	60.1	510	435	85	179	
N. Mex.....	3,465	2.8	2,669	77.0	1,413	1.1	414	29.3	58	44	76	29	
N.Y.....	65,888	3.7	59,509	90.3	28,568	1.6	12,276	43.0	1,695	1,572	93	642	
N.C.....	12,151	2.2	9,875	81.3	8,198	1.5	1,022	12.5	195	150	77	135	
N. Dak.....	1,186	1.8	1,000	84.3	394	.6	135	34.3	21	18	86	7	
Ohio.....	22,504	2.1	19,897	88.4	11,430	1.1	4,851	42.4	449	394	88	210	
Okl.....	6,508	2.3	5,215	80.1	3,711	1.3	544	14.7	100	75	75	67	
Oreg.....	5,952	2.4	4,751	79.8	3,240	1.3	1,299	40.1	128	98	77	83	
Pa.....	27,741	2.4	22,651	81.7	11,046	.9	5,996	54.3	565	447	79	255	
R.I.....	2,634	2.8	2,207	83.8	774	.8	-	-	49	39	80	23	
S.C.....	7,009	2.4	5,030	71.8	3,696	1.3	619	16.7	107	70	65	61	
S. Dak.....	1,397	2.0	1,108	79.3	468	.7	85	18.2	24	17	71	10	
Tenn.....	9,393	2.1	8,211	87.4	5,461	1.2	1,856	34.0	159	136	86	98	
Tex.....	31,684	2.4	26,700	84.3	10,640	.8	5,656	53.2	538	452	84	204	
Utah.....	3,257	2.4	2,545	78.1	1,102	.8	256	23.2	62	44	71	25	
Vt.....	1,002	2.0	605	60.4	476	1.0	1	2	16	8	50	12	
Va.....	11,799	2.3	9,028	76.5	9,458	1.8	2,639	27.9	209	158	76	168	
Wash.....	8,247	2.1	6,544	79.4	4,816	1.2	1,883	39.1	181	143	79	108	
W. Va.....	3,349	1.8	2,325	69.4	1,252	.7	337	26.9	55	34	62	21	
Wis.....	11,197	2.4	10,104	90.2	4,369	.9	1,103	25.2	216	192	89	96	
Wyo.....	1,406	3.1	1,185	84.3	472	1.0	112	23.7	25	19	76	16	

- Represents zero. NA Not available. ¹ See footnote 1, table 313. ² Estimated population, as of July 1.

Source: 1970-1977, U.S. Law Enforcement Assistance Administration and U.S. Bureau of the Census, 1978, U.S. Bureau of Justice Statistics and U.S. Bureau of the Census; thereafter, U.S. Bureau of Justice statistics, *Expenditure and Employment Data for the Criminal Justice System*, annual.

No. 316. AVERAGE ANNUAL SALARY SCALES OF POLICE AND FIREFIGHTERS, BY CITY-SIZE GROUPS:
1970 TO 1980

[As of Jan. 1. Based on a study covering cities with a population of 100,000 or more]

EMPLOYEE GROUP AND YEAR	MINIMUM SCALES FOR CITIES WITH POPULATION OF—					MAXIMUM SCALES FOR CITIES WITH POPULATION OF—				
	All cities	100,000–249,999	250,000–499,999	500,000–999,999	1,000,000 or more	All cities	100,000–249,999	250,000–499,999	500,000–999,999	1,000,000 or more
POLICE										
1970	\$8,448	\$7,357	\$7,926	\$7,888	\$9,300	\$10,017	\$8,648	\$9,385	\$9,616	\$10,927
1975	11,180	10,068	10,734	10,681	12,054	14,007	12,256	13,028	13,567	15,299
1979	14,002	12,610	13,396	13,555	15,147	17,640	15,712	16,371	17,506	19,110
1980	15,159	13,521	14,590	14,741	16,412	19,066	16,970	17,827	19,044	20,566
FIREFIGHTERS										
1970	8,041	7,103	7,685	7,786	9,253	9,482	8,349	9,089	9,293	10,828
1975	10,739	9,786	10,480	10,587	11,958	13,254	11,815	12,755	13,168	15,047
1979	13,445	12,348	13,066	13,231	15,062	16,829	15,274	16,003	17,033	18,863
1980	14,377	13,131	14,126	14,109	16,096	18,186	16,380	17,291	18,456	20,468

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, March 1981. Based on data from International City Management Assoc., Fraternal Order of Police, and International Association of Firefighters.

No. 317. LEGAL SERVICES—SELECTED DATA: 1972 AND 1977

ITEM	Unit	1972				1977			
		Total ¹	Sole proprietorships	Partnerships	Professional service organizations ²	Total	Sole proprietorships	Partnerships	Professional service organizations ³
Establishments, total	1,000	144.5	95.8	25.5	4.6	167.9	124.4	29.2	14.2
Receipts	Mill. dol.	10,938	2,885	5,911	1,056	18,696	4,739	10,093	3,864
Establishments with payroll	1,000	77.3	30.9	23.7	4.5	94.9	53.8	27.2	13.8
Receipts	Mill. dol.	9,724	1,730	5,857	1,053	17,147	3,309	9,992	3,847
Payroll (annual)	Mill. dol.	2,318	310	1,284	527	5,217	698	2,347	2,172
Paid employees *	1,000	267.7	53.6	150.1	31.5	392.0	93.1	197.8	101.2
Operating expenses	Mill. dol.	4,757	783	2,613	855	10,205	1,714	5,029	3,461
Establishments ⁵ with annual receipts of—									
Under \$30,000	1,000	17.5	9.6	1.3	.2	14.2	12.6	1.1	.5
\$30,000 to \$99,999	1,000	34.6	17.1	7.7	1.0	36.5	27.2	6.6	2.7
\$100,000 to \$499,999	1,000	18.1	3.0	11.2	2.1	27.7	7.0	13.8	6.9
\$500,000 or more	1,000	2.6	.1	2.0	.4	5.5	.2	3.5	1.8

¹ Includes other and unknown legal forms, not shown separately. ² Excludes expense-sharing associations. ³ Includes expense-sharing associations and other legal forms. ⁴ For week including March 12. ⁵ Establishments with payroll operating entire year.

Source: U.S. Bureau of the Census, *Census of Service Industries, 1972 and 1977, Establishment and Firm Size* (SC 72-S-1 and SC 77-S-1), and *Legal Services* (SC 72-S-4 and SC 77-S-5).

No. 318. FEDERAL PROSECUTIONS OF PUBLIC CORRUPTION: 1970 TO 1980

[As of Dec. 31. Prosecution of persons who have corrupted public office in violation of Federal Criminal Statutes]

PROSECUTION STATUS	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total: Indicted	63	160	208	244	291	255	563	507	557	666	723
Convicted	44	108	142	181	217	179	380	440	409	536	551
Awaiting trial	-	-	5	18	5	27	199	210	205	178	213
Federal officials: Indicted	9	58	58	60	59	53	111	129	133	114	123
Convicted	9	40	42	48	51	43	101	94	91	102	131
Awaiting trial	-	-	4	2	1	5	1	32	42	21	16
State officials: Indicted	10	21	17	19	36	36	59	50	55	56	72
Convicted	7	16	10	17	23	18	35	38	56	31	51
Awaiting trial	-	-	-	-	-	5	30	33	20	29	28
Local officials: Indicted	26	46	106	85	130	139	194	157	171	211	247
Convicted	16	28	75	64	87	94	100	164	127	151	166
Awaiting trial	-	-	-	2	4	15	98	62	72	63	82

- Represents zero. ¹ Includes individuals who are neither public officials nor employees but who were involved with public officials or employees in violating the law, not shown separately.

Source: U.S. Department of Justice, *Federal Prosecutions of Corrupt Public Officials, 1970-1980, and Report to Congress on the Activities and Operations of the Public Integrity Section, 1980*.

No. 319. U.S. SUPREME COURT—CASES FILED AND DISPOSITION: 1970 TO 1980

[Statutory term of court begins first Monday in **October**. See *Historical Statistics, Colonial Times to 1970*, series H 1063-1078, for related but not comparable data]

ACTION	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total cases on docket	4,212	4,640	5,079	4,668	4,761	4,731	4,704	4,731	4,781	5,144
Appellate cases on docket.....	1,903	2,183	2,480	2,308	2,352	2,324	2,341	2,383	2,509	2,749
From prior term.....	325	442	412	540	431	452	472	434	425	527
Docketed during present term.....	1,578	1,741	2,068	1,768	1,921	1,872	1,869	1,949	2,084	2,222
Cases acted upon.....	1,613	1,834	1,948	1,967	1,900	2,019	1,979	2,023	2,050	2,324
Granted review.....	214	217	229	235	244	237	224	210	199	167
Denied, dismissed, or withdrawn.....	1,285	1,397	1,572	1,594	1,538	1,620	1,676	1,734	1,776	1,199
Summarily decided.....	114	220	147	138	118	162	79	79	75	90
Cases not acted upon.....	290	349	532	341	452	305	362	360	459	425
Pauper cases on docket.....	2,289	2,436	2,585	2,348	2,395	2,398	2,349	2,331	2,249	2,371
Cases acted upon.....	1,802	1,982	2,013	1,976	1,997	2,083	1,960	1,996	1,938	2,027
Granted review.....	41	35	30	28	28	30	24	27	32	17
Denied, dismissed, or withdrawn.....	1,683	1,902	1,942	1,914	1,903	2,013	1,899	1,938	1,757	1,968
Summarily decided.....	78	45	41	34	66	40	37	31	49	32
Cases not acted upon.....	487	454	572	372	398	315	389	335	411	344
Original cases on docket.....	20	21	14	12	14	8	14	17	23	24
Cases disposed of during term.....	7	8	4	4	7	2	3	-	1	7
Total cases available for argument.....	267	256	261	278	280	269	260	249	238	264
Cases disposed of.....	160	180	172	178	181	181	185	170	160	162
Cases argued.....	151	177	170	175	179	176	172	168	156	154
Cases dismissed or remanded without argument.....	9	3	2	3	2	5	13	2	4	8
Cases remaining.....	107	76	89	100	99	88	75	79	78	102
Cases decided by signed opinion.....	126	159	161	144	160	154	153	153	143	144
Cases decided by per curiam opinion.....	22	18	8	20	16	22	8	8	12	8
Number of signed opinions.....	109	140	140	123	138	126	129	130	130	123

- Represents zero. ¹Includes cases granted review and carried over to next term, not shown separately.

Source: Office of the Clerk, Supreme Court of the United States, unpublished data.

No. 320. U.S. COURTS OF APPEALS: 1960 TO 1980

[For years ending June 30. See also *Historical Statistics, Colonial Times to 1970*, series H 1079-1096]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Cases commenced ¹	3,899	6,766	11,662	15,629	16,436	16,658	18,408	19,118	18,918	20,219	23,200
Criminal.....	623	1,223	2,660	4,453	4,067	4,187	4,850	4,738	4,487	4,102	4,405
U.S. civil.....	788	1,387	2,167	2,704	3,267	2,981	3,327	3,622	3,928	3,983	4,654
Private civil.....	1,534	2,677	4,834	6,172	6,157	6,511	7,077	7,358	7,234	8,237	10,200
Administrative appeals.....	737	1,106	1,522	1,616	2,205	2,290	2,515	2,564	2,382	2,922	2,950
Cases terminated ¹	3,713	5,771	10,699	15,112	15,422	16,000	16,426	17,784	17,714	18,928	20,887
Criminal.....	580	1,014	2,581	4,210	4,299	4,005	4,238	4,554	4,461	4,320	3,993
U.S. civil.....	750	1,229	1,912	2,722	2,791	3,094	2,853	3,198	3,437	3,857	4,346
Private civil.....	1,517	2,183	4,367	6,030	5,847	6,252	6,248	6,860	6,813	7,175	8,942
Administrative appeals.....	660	1,004	1,407	1,493	1,734	1,909	2,359	2,510	2,256	2,602	2,643
Cases disposed of ²	2,681	3,546	6,139	9,618	8,451	9,077	9,351	11,400	8,850	9,285	10,607
Affirmed or granted.....	1,924	2,635	4,626	7,163	6,429	6,763	6,995	7,826	6,717	7,062	8,017
Reversed or denied.....	656	773	1,280	1,693	1,579	1,632	1,680	1,715	1,536	1,542	1,845
Other.....	101	138	233	762	443	682	676	1,859	597	681	745
Median months ³	6.8	8.0	8.2	6.4	6.8	7.4	7.1	7.0	8.0	8.2	8.9

¹ Includes original proceedings and bankruptcy appeals not shown separately. ² After hearing or submission. Beginning 1974, data not comparable with earlier years due to changes in criteria. ³ From filing of complete record to final disposition.

No. 321. U.S. DISTRICT COURTS—TRIALS: 1960 TO 1980

[For years ending June 30. For 1960, trials commenced; thereafter, trials completed. A trial is defined as a contested proceeding (other than a hearing on a motion) before either court or jury in which evidence is introduced and final judgment sought. See footnote 1, table 323. See also *Historical Statistics, Colonial Times to 1970*, series H 1112-1118]

TYPE OF TRIAL	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total	9,998	11,485	16,032	19,467	18,572	19,236	19,580	18,827	18,851	18,563	19,825
Civil trials.....	6,488	7,613	9,449	10,896	10,972	11,603	11,656	11,605	11,515	11,764	13,191
Nonjury.....	3,453	4,459	6,078	7,289	7,403	7,903	8,098	7,792	8,326	8,348	9,254
Jury.....	3,035	3,154	3,371	3,607	3,569	3,700	3,558	3,813	3,189	3,416	3,937
Criminal trials.....	3,510	3,872	6,583	8,571	7,600	7,633	7,924	7,222	7,336	6,799	6,634
Nonjury.....	1,008	1,143	2,357	2,927	2,753	2,726	2,773	2,661	3,344	3,132	3,216
Jury.....	2,502	2,729	4,226	5,644	4,847	4,907	5,151	4,561	3,992	3,667	3,418

Source of tables 320 and 321: Administrative Office of the U.S. Courts, *Annual Report of the Director*.

No. 322. U.S. DISTRICT COURTS—CIVIL AND CRIMINAL CASES: 1960 TO 1980

[In thousands, except percent. For years ending June 30. See also *Historical Statistics, Colonial Times to 1970*, series H 1097-1111]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Civil cases: Commenced.....	59.3	67.7	87.3	103.5	117.3	130.6	130.6	138.8	154.7	168.8
Cases terminated ¹	48.8	63.1	79.5	96.7	103.8	108.3	115.5	123.2	140.0	155.0
No court action.....	(NA)	29.3	31.1	35.9	39.2	41.7	45.2	45.3	60.2	68.7
Court action, total.....	(NA)	33.8	48.4	60.8	64.6	66.6	70.3	77.8	79.9	86.2
Before pretrial.....	(NA)	17.1	29.4	38.6	40.3	41.6	43.5	48.7	49.7	53.8
Pretrial.....	(NA)	9.4	11.0	13.9	15.6	16.2	17.7	19.7	20.5	22.4
Trials.....	(NA)	7.3	8.0	8.4	8.7	8.8	9.0	9.4	9.6	10.1
Percent reaching trial ²	(NA)	11.6	10.0	8.7	8.4	8.1	7.8	7.6	6.9	6.5
Criminal cases: Commenced ³	28.1	31.6	38.1	37.7	41.1	39.1	39.8	34.6	31.5	28.0
Defendants disposed of ⁴	30.5	33.7	36.4	48.0	49.2	51.6	53.2	45.9	41.2	36.6
Not convicted.....	3.8	5.0	8.2	11.8	11.8	11.5	11.7	9.4	8.3	8.0
Dismissed.....	2.6	3.8	6.6	10.0	10.3	9.9	10.0	7.8	6.8	6.6
Acquitted.....	1.2	1.2	1.6	1.8	1.5	1.7	1.8	1.6	1.5	1.3
Convicted.....	26.7	28.8	28.2	36.2	37.4	40.1	41.5	36.5	32.9	28.6
By guilty plea ⁴	24.2	25.9	24.1	30.7	31.8	34.0	35.3	31.1	27.3	23.1
By court or jury.....	2.5	2.8	4.1	5.6	5.6	6.1	6.1	5.4	5.6	5.5
Imprisonment.....	13.4	13.7	12.4	17.2	17.3	18.5	19.6	17.4	14.6	13.2
Probation.....	10.4	10.8	11.4	16.6	17.9	18.2	16.1	14.5	13.5	11.1
Fine and other.....	2.9	4.3	4.4	2.4	2.2	3.4	5.8	4.6	4.9	4.4

NA Not available. ¹ Excludes D.C., Canal Zone, Guam, and Virgin Islands except that defendants disposed of includes D.C. beginning 1973; Canal Zone, Guam, and Virgin Islands beginning 1976; and N. Mariana Islands beginning 1978. ² Excludes land condemnation cases. ³ Excludes transfers. ⁴ Includes nolo contendere.

No. 323. U.S. DISTRICT COURTS—CIVIL CASES COMMENCED AND TERMINATED: 1980

[For year ending June 30]

NATURE OF SUIT	Cases commenced	Cases terminated	No court action	Total court action	Before pretrial	Pretrial	Trials, total ¹	Percent reaching trial
Total	168,769	160,481	69,582	90,899	56,115	22,499	12,285	7.7
U.S. cases ²	63,628	61,065	31,053	30,012	23,079	3,274	3,659	6.0
Contract actions.....	24,063	20,707	16,414	4,293	3,856	341	96	.5
Real property actions.....	8,281	9,088	3,019	6,069	3,494	307	2,268	25.0
Tort actions.....	4,438	4,005	1,716	2,289	993	978	318	7.9
Actions under statutes.....	26,835	23,357	8,125	15,232	13,149	1,288	795	3.4
Private cases.....	105,161	99,416	38,529	60,887	33,036	19,225	8,626	8.7
Federal question ²	64,928	63,638	23,080	40,558	25,728	10,161	4,669	7.3
Diversity of citizenship ²	39,315	34,737	14,812	19,925	7,164	9,021	3,740	10.8
Contract actions.....	19,232	17,174	7,808	9,366	4,085	3,691	1,610	9.4
Tort actions.....	18,769	16,472	6,441	10,031	2,806	5,176	2,049	12.4

¹ Indicates the number of cases terminated where there was a trial. Table 321 indicates the number of civil trials that were completed. The cases themselves may not have been terminated. ² Includes local jurisdiction cases and other actions not shown separately.

No. 324. U.S. DISTRICT COURTS—CRIMINAL CASES COMMENCED AND DEFENDANTS DISPOSED OF, BY NATURE OF OFFENSE: 1979 AND 1980

[For years ending June 30]

NATURE OF OFFENSE	1979		1980, cases commenced ¹	DISPOSITION OF DEFENDANTS, 1980							
	Cases commenced ¹	De- fend- ants dis- posed of		Not convicted		Convicted			Sentenced		
				Total	Ac- quitted	Total	Guilty plea	Court or jury	Im- prison- ment	Probation	Fine and other
Total ²	31,536	41,175	27,968	7,962	1,329	28,598	23,111	5,487	13,191	11,053	4,354
General offenses:											
Homicide.....	148	150	141	62	15	108	62	46	69	15	24
Robbery.....	1,149	1,431	1,251	179	35	1,262	1,011	251	1,164	97	1
Assault.....	541	618	555	179	36	418	301	117	233	159	26
Burglary.....	198	210	151	42	8	134	116	18	77	57	0
Larceny—theft.....	3,420	4,735	3,033	745	123	3,232	2,865	367	1,290	1,612	330
Embezzlement and fraud.....	6,630	8,052	6,210	1,213	268	5,975	5,147	828	2,270	3,443	262
Auto theft.....	399	741	381	137	21	421	360	61	307	108	6
Forgery, counterfeiting.....	2,877	3,176	2,124	373	49	1,939	1,720	219	1,034	893	12
Sex offenses.....	139	168	150	39	6	98	64	34	72	20	6
Narcotics.....	3,277	6,609	3,130	1,594	257	4,749	3,450	1,299	3,479	1,232	38
Misc. general offenses.....	8,704	9,303	7,240	2,293	334	5,614	4,187	1,427	1,586	1,212	2,806

¹ Excludes transfers. ² Includes items not shown separately.

Source of tables 322-324: Administrative Office of the U.S. Courts, *Annual Report of the Director*.

No. 325. STATE COURTS OF GENERAL JURISDICTION—CASEFLOW, NUMBER OF COURTS, AND JUDGES: 1977

[For further detail regarding volume and flow of cases through the State Court Systems, refer to Parts I and II of the publication cited below, which contain text and summary tables for all reported data, respectively.]

STATE	Begin- ning pend- ing (1,000)	FILED (1,000)					Dis- posed (1,000)	End- ing pend- ing (1,000)	COURTS—		Number of judges
		Total	Civil	Crim- inal	Traffic	Ju- ve- nile			Num- ber	Geo- graphical location	
Ala.....	59.6	99.5	64.6	24.1	(X)	10.8	97.1	62.0	1	38	112
Alaska.....	¹ 11.9	13.9	11.4	1.1	(X)	1.5	12.8	¹ 12.5	1	4	20
Ariz.....	² 69.3	94.3	68.6	13.2	(X)	12.4	86.9	³ 75.0	1	14	73
Ark.....	³ 62.6	77.4	63.6	13.8	(X)	(X)	³ 68.2	³ 65.6	2	37	56
Calif.....	(NA)	713.9	548.9	57.2	(X)	107.8	588.0	(NA)	1	58	542
Colo.....	87.5	124.0	92.2	15.7	(X)	16.1	119.4	92.1	5	29	100
Conn.....	36.1	31.4	26.9	4.5	(X)	(X)	29.6	38.0	1	9	45
Del.....	12.1	10.5	6.4	4.1	(X)	(X)	10.1	12.5	2	6	14
D.C.....	⁴ 29.2	317.8	161.9	29.0	120.5	6.3	⁴ 315.5	⁴ 29.0	1	1	44
Fla.....	(NA)	418.9	250.1	92.5	(X)	76.3	392.3	(NA)	1	20	289
Ga.....	⁵ 115.7	161.5	104.3	46.0	11.1	(X)	⁵ 144.0	⁵ 133.2	1	42	96
Hawaii.....	26.9	31.0	20.9	2.0	1	8.1	27.7	30.2	3	6	23
Idaho.....	37.0	276.0	45.5	29.4	193.3	7.7	273.0	40.0	2	7	94
Ill.....	⁶ 464.4	3,524.5	635.7	519.3	2,343.8	25.7	3,369.0	⁶ 504.8	1	21	643
Ind.....	250.0	350.3	189.6	50.1	94.8	15.8	344.3	⁷ 255.4	3	122	173
Iowa.....	⁷ 123.3	597.2	129.8	190.4	271.0	6.1	⁸ 589.3	⁷ 128.8	1	8	322
Kans.....	22.3	185.7	58.0	19.8	107.9	(X)	166.6	41.4	1	29	210
Ky.....	(NA)	79.7	66.0	13.7	(X)	(X)	(NA)	(NA)	1	56	87
La.....	(NA)	369.4	133.4	236.0	(X)	(X)	(NA)	(NA)	1	39	137
Maine.....	9.7	15.6	7.6	6.1	1.9	(X)	11.5	13.7	1	16	14
Md.....	141.8	136.3	66.0	43.6	(X)	26.6	128.7	149.3	1	29	85
Mass.....	⁹ 137.7	66.6	31.4	35.3	(X)	(X)	⁹ 75.8	⁹ 128.9	1	14	46
Mich.....	¹⁰ 138.2	1,121.2	131.1	124.8	865.3	(X)	¹¹ 187.4	¹⁰ 137.7	3	52	170
Minn.....	¹¹ 10.7	¹ 28.9	18.8	10.0	(X)	(NA)	¹ 28.6	¹ 10.8	1	10	72
Miss.....	(NA)	¹ 60.0	52.5	7.4	(X)	(NA)	(NA)	(NA)	2	40	66
Mo.....	78.9	107.0	72.1	18.1	(X)	16.7	106.0	78.9	2	45	111
Mont ¹²	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	1	19	29
Nebr.....	7.5	25.2	18.6	6.6	(X)	(X)	21.9	10.3	1	21	45
Nev.....	(NA)	¹³ 10.0	¹³ 8.0	¹³ 1.4	(X)	¹³ 5.5	(NA)	(NA)	1	9	26
N.H.....	24.8	24.7	17.7	7.0	(X)	(X)	24.4	25.1	1	10	15
N.J.....	86.4	97.4	68.4	29.0	(X)	(X)	90.5	93.3	2	36	206
N. Mex.....	¹ 21.3	¹ 43.9	39.2	4.7	(X)	(NA)	¹ 37.4	¹ 27.7	1	13	39
N.Y.....	¹⁴ 77.2	¹⁵ 147.4	¹⁶ 116.0	31.4	(X)	(X)	¹⁶ 149.0	¹⁴ 17.9	2	68	357
N.C.....	97.0	120.6	69.3	51.3	(X)	(X)	115.5	99.9	1	31	57
N.Dak.....	4.2	11.1	9.0	1.1	(Z)	1.0	9.8	5.4	1	6	19
Ohio.....	¹⁶ 175.5	483.2	249.6	30.8	(X)	202.8	477.3	¹⁶ 179.8	1	88	313
Okl.....	¹⁷ 230.0	426.7	172.4	59.3	186.2	8.9	384.5	¹⁷ 272.1	1	24	189
Oreg.....	¹⁸ 47.1	81.9	53.3	14.2	(X)	14.4	¹⁷ 63.7	¹⁷ 47.4	2	21	72
Pa.....	93.2	288.9	180.2	73.1	(X)	35.6	¹⁸ 281.5	¹⁸ 96.6	1	59	285
R.I.....	(NA)	9.5	6.3	3.2	(X)	(X)	(NA)	(NA)	1	4	17
S.C.....	24.4	60.1	29.3	30.8	(X)	(X)	58.6	25.9	1	16	25
S. Dak.....	(NA)	¹⁹ 3.5	(NA)	(NA)	(X)	3.5	²⁰ 111.9	(NA)	1	8	36
Tenn.....	²² 45.3	118.2	86.3	30.1	1.8	(X)	109.3	²¹ 45.7	4	63	115
Tex.....	²² 367.5	²² 378.3	²² 285.3	²² 81.8	(X)	²² 11.1	²² 356.5	²² 389.3	1	86	86
Utah.....	19.2	30.4	27.0	3.4	(X)	(X)	25.8	23.5	1	7	24
Vt.....	26.9	80.2	17.2	18.1	43.9	1.0	86.3	20.8	2	29	18
Va.....	99.4	117.4	67.7	49.7	(X)	(X)	111.7	105.1	1	31	107
Wash.....	(NA)	128.0	99.0	14.1	(X)	14.8	²³ 99.8	(NA)	1	28	110
W. Va.....	48.3	52.0	34.8	9.9	(X)	7.3	49.0	51.4	1	31	57
Wis.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	733.2	(NA)	2	96	181
Wyo.....	4.2	10.3	9.0	1.3	(X)	(²⁴)	²⁵ 10.1	4.4	1	7	13

NA Not available. X Not applicable. ¹ Excludes juvenile data. ² Excludes adoption, mental health, probate, or juvenile traffic or dependency data from Maricopa County or juvenile traffic data from Pima County. ³ Excludes adoption, guardianship, miscellaneous probate, or mental health data for the Chancery and Probate Court. ⁴ Excludes estate data. ⁵ Excludes any cases filed before July 1, 1970. ⁶ Excludes estate, conservation violations, misdemeanors from Cook County, ordinance violations, or traffic cases. ⁷ Excludes estate or juvenile data. ⁸ Excludes guardianship and conservatorship, and trusteeship data. ⁹ Excludes sentence review cases. ¹⁰ Excludes misdemeanors, ordinance violations, parking, accident, or moving violations from the Recorder's Court of Detroit. ¹¹ Excludes ordinance violations, parking, accident, or moving violations from the Recorder's Court of Detroit. ¹² No data were available from the District Court. ¹³ Data were available only from Washoe County, representing less than half of the entire State population. ¹⁴ Excludes civil data from Seneca County or felony/misdemeanor indictments outside New York City. ¹⁵ Excludes civil data from Seneca County. ¹⁶ Excludes wrongful death, adoption, birth records, name change, or mental health (all civil) cases. ¹⁷ Excludes criminal extraordinary writs. ¹⁸ Excludes adoption, mental health, and juvenile cases. ¹⁹ Excludes any civil or criminal data, or juvenile data from lay or lawyer magistrates. ²⁰ Excludes data from lay or lawyer magistrates. ²¹ Excludes data from 10 counties participating in an experimental statistical information system. ²² Compiled from 3,002 of the possible 3,048 reports. ²³ Excludes mental health or juvenile data. ²⁴ Juvenile cases were included in with the civil and criminal figures and could not be separated for inclusion in this table. ²⁵ Excludes cases filed before 1974.

Source: National Center for State Courts, Williamsburg, Va., *State Court Caseload Statistics, 1977 Annual Report*.

NO. 326. JUVENILES HELD IN CUSTODY—PUBLIC AND PRIVATE JUVENILE RESIDENTS AND FACILITIES:
1975 TO 1979

[1975 as of June 30; 1977 and 1979 as of Dec. 31]

CHARACTERISTIC	Unit	PUBLIC CUSTODY			PRIVATE CUSTODY		
		1975	1977	1979	1975	1977	1979
Number of residents ¹	Number.....	49,126	45,920	45,251	27,450	29,377	28,707
Juvenile.....	Number.....	46,980	² 44,096	² 43,089	27,290	² 29,070	² 28,678
Male.....	Number.....	37,926	36,921	37,063	19,152	20,387	20,505
Female.....	Number.....	9,054	7,175	6,026	8,138	8,683	8,173
White.....	Number.....	(NA)	27,963	25,935	(NA)	21,917	21,650
Black.....	Number.....	(NA)	14,865	13,727	(NA)	6,005	5,843
Average age ³	Year.....	(NA)	15.3	15.4	(NA)	14.9	14.9
Male.....	Year.....	15.3	15.4	15.5	15.3	14.9	14.9
Female.....	Year.....	15.0	15.1	15.1	15.4	15.0	15.0
Number of admissions (all residents) ⁴	Number.....	641,189	614,385	564,875	56,708	67,045	69,419
Number of departures (all residents) ⁴	Number.....	632,983	622,151	556,815	50,986	61,571	64,486
Average daily residents ⁴	Number.....	48,794	48,032	47,642	26,740	29,611	28,556
Facilities, total.....	Number.....	874	992	993	1,277	1,600	1,558
Short-term ⁵	Number.....	387	448	458	66	126	74
Long-term ⁶	Number.....	487	544	535	1,211	1,474	1,484
Occupancy less than 70 percent.....	Percent.....	36	32	34	21	20	22
70-100 percent.....	Percent.....	51	59	55	79	78	76
More than 100 percent.....	Percent.....	13	9	11		2	2
Personnel, total.....	Number.....	52,534	61,060	60,889	⁷ 27,651	⁷ 30,918	32,910
Full-time.....	Number.....	41,156	43,322	44,234	(NA)	22,381	23,530
Juveniles per full-time staff member.....	Number.....	1.1	1.0	1.0	(NA)	1.3	1.2
Expenditures.....	Mil. dol.....	594.1	707.7	839.9	273.6	384.3	465.0
Capital.....	Mil. dol.....	34.5	29.4	53.2	19.2	21.0	25.9
Operating.....	Mil. dol.....	559.6	678.4	786.7	254.5	363.3	439.1
Per capita operating cost ⁸	\$1,000.....	11.5	14.1	16.5	9.5	12.3	15.4

NA Not available. ¹Includes adults. ²Includes races not reported and races not shown. ³Based on juvenile residents only. ⁴Juvenile and adult. ⁵Detention type facility mainly holding youths prior to adjudication and placement for treatment. ⁶Treatment or correctional type facility housing committed youths following adjudication. ⁷Includes community volunteers. ⁸Based on average daily residents.

Source: U.S. Law Enforcement Assistance Administration, *Children in Custody: Advance Report on the 1979 Census of Public Juvenile Facilities*; and *Children in Custody: Advance Report on the 1979 Census of Private Juvenile Facilities*.

NO. 327. CHILDREN'S CASES DISPOSED OF BY JUVENILE COURTS: 1960 TO 1979

[For definition of delinquency cases, see text, p. 172. Dependency and neglect cases are all cases referred to the court for some form of neglect or inadequate care on the part of parents or guardians. See also *Historical Statistics, Colonial Times to 1970*, series H 1119-1124]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979
Population 10-17 years old ¹ (1,000).....	25,368	29,536	32,614	33,045	30,836	30,154	29,423	28,713
Delinquency cases excluding traffic ² (1,000).....	510	697	1,052	1,317	1,432	1,389	1,359	1,374
Per 1,000 population 10-17 years old.....	20.1	23.6	32.3	39.9	46.4	46.1	46.2	47.8
Male (1,000).....	415	555	900	1,002	1,093	1,063	1,055	1,058
Female (1,000).....	99	142	252	315	339	326	304	316
Percent of total cases.....	19.3	20.4	24.0	23.9	23.7	23.5	22.4	23.0
Population under 18 years old ¹ (1,000).....	64,516	69,609	69,669	66,251	64,080	63,097	62,186	61,387
Dependency and neglect cases ² (1,000).....	131	157	133	143	151	158	158	157
Per 1,000 population under 18 years old.....	2.0	2.3	1.9	2.2	2.4	2.5	2.5	2.6

¹U.S. Bureau of the Census estimates of civilian population as of July 1, except 1960 and 1970, as of April 1. Beginning 1976, includes number of children from age 10 to the upper age of jurisdiction for each State. ²Delinquency cases based on data from a national sample of juvenile courts. 1970-1975, based on all courts reporting, whose jurisdiction includes about two-thirds of the Nation's population; 1976-1979, based on number of children from age zero to the upper age of jurisdiction for each State. Dependency and neglect cases based on reports from courts serving about one-half of the child population under 18 years of age.

Source: 1960-1970, U.S. Office of Human Development Services and U.S. Office of Youth Development, *Juvenile Court Statistics*, annual; beginning 1975, National Center for Juvenile Justice, Pittsburgh, Pa., unpublished data.

NO. 328. CRIME AND THE YOUNG ADULT POPULATION: 1968 TO 1979

ITEM	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total, 11-24 yrs. of age (mil.).....	49.3	50.8	52.3	54.0	54.6	55.3	55.9	56.4	56.7	56.6	56.3	55.9
Percent of total population.....	24.7	25.2	25.7	26.2	26.2	26.3	26.4	26.5	26.4	26.1	25.8	25.4
Percent of arrests for index offenses.....	73.0	73.7	73.5	73.7	72.9	73.1	74.3	73.3	71.9	71.4	70.7	70.0
*Ratio of arrest rates ¹	2.1	2.2	2.3	1.8	2.3	2.5	2.8	2.7	2.8	2.8	2.6	2.5

¹Arrests of persons 11-24 years old, related to those 25 years and over.

Source: Congress of the United States, Congressional Budget Office, Budget Issue Paper for Fiscal Year 1980, *The Law Enforcement Assistance Administration: Options for Reauthorization*, May 1979.

NO. 329. FEDERAL AND STATE PRISONS AND PAROLE POPULATION: 1974 TO 1979

ITEM	1974	1975	1976	1977	1978	1979
Prison population	218,500	240,600	262,800	285,400	294,400	301,000
Parole population	155,100	158,600	160,900	186,100	190,900	196,500
Entries to parole	(NA)	(NA)	87,500	82,705	99,600	96,100
Removals from parole	(NA)	(NA)	85,100	60,593	100,600	79,400

NA Not available.

Source: Through 1977, U.S. Law Enforcement Assistance Administration, thereafter, U.S. Bureau of Justice Statistics, *Parole in the United States*, annual.

NO. 330. FEDERAL AND STATE PRISONERS: 1950 TO 1980

[Prior to 1970, excludes State institutions in Alaska and for 1950, those in Hawaii. Beginning 1977, includes all persons under jurisdiction of Federal and State authorities rather than those in the custody of such authorities, as was the case prior to 1979. Represents inmates sentenced to maximum term of more than a year. See also *Historical Statistics, Colonial Times to 1970*, series H 1135-1140]

YEAR	PRESENT AT END OF YEAR						RECEIVED FROM COURTS					
	All institutions		Federal		State		All institutions		Federal		State	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
1950	166,123	110.3	17,134	11.4	148,989	98.9	69,473	46.1	14,237	9.5	55,236	36.7
1960	212,953	118.6	23,218	12.9	189,735	105.7	88,575	49.3	13,723	7.6	74,852	41.7
1965	210,895	109.5	21,040	10.9	189,855	98.6	87,505	45.4	12,781	6.6	74,724	38.8
1970	196,429	96.7	20,038	9.8	176,391	86.8	79,351	39.1	12,047	5.9	67,304	33.1
1975	240,593	113.3	24,131	11.4	216,462	102.0	129,573	61.0	16,770	7.9	112,803	53.1
1979	301,470	137.3	22,588	10.3	278,882	127.0	131,047	59.7	12,619	5.7	118,428	53.9
1980	314,272	136.7	20,611	9.1	293,661	129.6	142,122	62.7	10,907	4.8	131,215	57.9

NA Not available. ¹ Rate per 100,000 estimated population.Source: U.S. Bureau of Justice Statistics, *Prisoners in State and Federal Institutions on December 31*, annual.

NO. 331. STATE CORRECTIONAL FACILITIES—CHARACTERISTICS, BY TYPE OF INSTITUTION: 1979

[A unit was designated as overcrowded if it was smaller than 60 square feet or if it provided less than 60 square feet of floor space per inmate]

CHARACTERISTIC	Total	Con- fine- ment	Com- munity based	CHARACTERISTIC	Total	Con- fine- ment	Com- munity based
All facilities (number)	791	568	223	Full-time staff (1,000)	94.4	91.1	3.3
Inmates ¹ (1,000)	274.6	263.6	11.0	Inmates/full-time staff (ratio)	2.9	2.9	3.3
Maximum security (1,000)	109.7	109.7	-	Part-time staff (1,000)	2.7	2.5	.2
Medium security (1,000)	98.2	98.2	-	One-person units (1,000)	129.5	128.3	1.2
Minimum security (1,000)	62.2	51.2	11.0	Percent overcrowded	58	58	8
Not classified (1,000)	3.6	3.6	-	Multiple-person units (1,000)	13.3	12.9	.5
Regularly permitted to depart each day unaccompa- nied (1,000)	13.6	4.2	9.4	Percent overcrowded	89	90	75
On study release (1,000)	.9	.4	.5	Dormitories (1,000)	10.9	8.3	2.7
On work release (1,000)	12.0	3.4	8.6	Percent overcrowded	18	20	11

- Represents zero. ¹ Includes others, not shown separately and not classified.Source: U.S. Bureau of Justice Statistics, *State Correctional Facilities Census*, 1979.

NO. 332. JAILS—SUMMARY: 1978

[As of February. Excludes Federal and State prisons or other correctional institutions; institutions exclusively for juveniles; State-operated jails in Conn., Del., Hawaii, R.I., and Vt.; and other facilities which retain persons for less than 48 hours. For composition of regions, see fig. 1, inside front cover]

CHARACTERISTIC	United States	North- east	North Central	South	West
Jails	3,493	207	1,042	1,678	566
With less than 50 inmates	2,844	109	933	1,380	422
With 50-249 inmates	519	75	89	248	106
With 250 or more inmates	130	23	20	49	38
With inmates being held for other authorities because of overcrowding	630	42	98	439	51
Number of inmates	158,394	24,228	28,452	67,444	38,270

Source: U.S. Law Enforcement Assistance Administration, *Census of Jails and Survey of Jail Inmates, 1978*; and unpublished data.

NO. 333 UTILIZATION OF FEDERAL, STATE, AND LOCAL CORRECTIONAL FACILITIES: 1978

[In thousands of inmates, except as indicated. Conn., N.Y., N.C., Va., and Calif. had over 500 inmates housed in confinement units not included in this table. Hence measured capacity for State facilities probably under estimated by 10,000 to 15,000 beds]

ITEM	In-mates, total	Reported capacity ¹	Reported utilization (percent)	Measured capacity ²	Measured utilization (percent)	Physical capacity ³	Physical utilization (percent)
Total	412	502	82	375	110	257	160
Federal	28	25	113	24	118	19	150
State	229	244	94	200	114	132	173
Local	155	234	66	151	102	106	146

¹ Capacity reported by the jurisdiction. ² Defined as one inmate per room of any size or, for dormitories, the smaller of: (1) Number of square feet of floor space divided by 60 or (2) the jurisdictionally reported capacity. ³ Defined as a minimum of 60 square feet of floor space per inmate.

Source: U.S. Dept. of Justice, National Institute of Justice, *American Prisons and Jails, Volume I: Summary and Policy Implications of a National Survey, 1980*.

NO. 334. JAIL INMATES—SELECTED CHARACTERISTICS: 1978

[See headnote, table 332]

CHARACTERISTIC	Total ¹	White	Black	CHARACTERISTIC	Total ¹	White	Black
Total inmates ²	158,394	89,418	65,104	Military service:			
Male	148,839	84,752	60,474	Served	39,861	26,696	12,120
Female	9,555	4,666	4,630	Never served	118,486	62,716	52,942
Under 30 years	110,166	60,581	46,788	Type of offense:			
30 years and over	48,228	28,836	18,316	Violent	46,944	20,163	25,546
Median age (years)	25.3	25.0	25.6	Property	65,455	38,496	25,670
Educational attainment:				Drug	13,586	8,680	4,726
Less than 12 years	96,265	53,084	40,923	Public order	30,088	20,597	8,363
12 years or more	61,943	36,163	24,165	Legal representation:			
Median	10.2	10.2	10.2	With counsel	51,572	27,318	23,345
Prearrest employment status:				Own lawyer	9,125	5,202	3,836
Employed	89,526	51,193	36,195	Provided with lawyer	42,183	22,026	19,335
Not employed	68,101	37,858	28,555	Without counsel	14,443	8,879	5,052
With prearrest income	147,736	83,622	60,592	Detention status:			
Median income (dollars)	3,714	4,814	2,986	Unconvicted inmates	66,936	36,677	28,799
Without prearrest income	10,659	5,796	4,512	Ball status:			
				Set	54,304	29,305	23,861
				Not set	11,607	6,848	4,441
				Convicted inmates	91,411	52,698	36,300
				Method of conviction:			
				Pleading guilty	70,045	42,538	25,682
				Judged guilty	20,075	9,668	9,916

¹ Includes races other than White and Black. ² Detail may not add to total because some items are unavailable or unknown.

Source: U.S. Bureau of Justice Statistics, *Profile of Jail Inmates: Sociodemographic Findings from the 1978 Survey of Inmates of Local Jails, October 1980*.

NO. 335. FEDERAL PRISONERS UNDER SENTENCE, BY OFFENSE AND RACE: 1980

[These data pertain only to the Federal offender population housed in Federal institutions during or on the last day of the fiscal year ending Sept. 30. Represents more than 85 percent of the sentenced Federal prisoner population]

OFFENSE	Total	WHITE		OTHER RACES		OFFENSE	Total	WHITE		OTHER RACES	
		Number	Average sentence (mo.)	Number	Average sentence (mo.)			Number	Average sentence (mo.)	Number	Average sentence (mo.)
Total ¹	19,460	12,056	108.1	7,404	142.9	Securities violations ²	139	104	85.0	35	72.6
Drug laws	4,898	3,579	79.3	1,319	107.4	Counterfeiting	341	265	61.5	76	49.9
Robbery	4,209	2,048	177.7	2,161	178.0	Fraud	644	504	50.9	140	36.7
Larceny/theft	2,297	1,403	60.0	894	46.8	Kidnaping	414	275	381.9	139	395.4
Firearms	737	529	58.5	208	52.4	Juvenile delinquency	10	4	14.5	6	59.3
Immigration	906	889	15.1	17	20.4	Burglary	73	48	104.0	25	98.8
Forgery	576	257	53.0	319	52.7	Government ³	2,309	724	313.7	1,585	214.4

¹ Includes offenses not shown separately. ² Transporting false or forged securities. ³ Includes offenses committed on government reservations, the high seas, territories, and the District of Columbia.

Source: U.S. Bureau of Prisons, *Statistical Report*, annual.

NO. 336. FEDERAL AND STATE PRISONS—PRISONERS, BY STATES: 1960 TO 1980

[For years ending Dec. 31; represent inmates sentenced to maximum term of more than a year. See source regarding comparability of data]

STATE	1960	1965	1970	1975	1977 ¹	1978	1979	1980			
								Total	Rate ²	Male	Female
U.S.	212,953	210,895	196,429	240,593	285,456	294,396	301,470	314,272	139	302,128	12,144
Male.....	205,253	203,327	190,794	(NA)	274,244	282,813	289,465	302,128	275	302,128	(x)
Female.....	7,700	7,568	5,635	(NA)	11,212	11,583	12,005	12,144	10	(x)	12,144
Federal³	23,218	21,040	20,038	24,131	28,650	26,391	22,588	20,611	9	19,438	1,173
State	189,735	189,855	176,391	216,462	256,806	268,005	278,882	293,661	130	282,690	10,971
New Eng.	4,871	5,044	4,543	5,636	6,306	6,383	6,843	7,315	59	7,181	134
Maine.....	750	695	516	643	626	577	641	686	61	669	17
N.H.....	180	205	244	250	261	283	316	326	35	321	5
Vt.....	269	263	162	244	364	351	311	342	67	336	6
Mass.....	1,920	1,929	2,053	2,242	2,731	2,785	2,877	3,233	56	3,203	30
R.I.....	255	310	(NA)	408	528	524	559	612	65	598	14
Conn.....	1,497	1,642	1,568	1,849	1,776	1,863	2,139	2,116	68	2,054	62
Middle Atl.	29,293	29,459	24,052	27,735	32,214	33,603	34,080	35,324	96	34,258	1,066
N.Y.....	17,207	17,504	12,059	16,071	19,367	20,459	20,856	21,653	123	21,043	610
N.J.....	4,284	4,839	5,704	5,682	5,366	5,422	5,539	5,564	76	5,366	198
Pa.....	7,802	7,116	6,289	5,982	7,461	7,722	7,685	8,107	68	7,849	258
E. No. Cent.	37,938	34,338	31,755	37,023	45,692	46,644	48,670	49,598	119	47,721	1,877
Ohio.....	11,111	11,374	9,185	11,421	12,846	13,107	13,360	13,489	125	12,857	632
Ind.....	5,429	4,486	4,137	3,897	4,250	4,396	5,270	6,281	114	6,064	217
Ill.....	9,064	8,306	6,381	7,861	11,425	10,765	11,361	10,724	94	10,484	240
Mich.....	9,550	7,342	9,079	10,852	13,824	14,944	15,002	15,124	163	14,490	634
Wis.....	2,784	2,830	2,973	2,992	3,347	3,432	3,677	3,980	85	3,826	154
W. No. Cent.	12,317	12,188	10,186	11,289	13,442	13,776	13,792	14,726	86	14,174	552
Minn.....	2,059	1,772	1,585	1,685	1,883	1,954	2,094	2,001	49	1,936	65
Iowa.....	2,204	2,178	1,747	1,786	2,065	1,961	2,261	2,511	86	2,418	93
Mo.....	3,698	3,517	3,413	4,371	5,302	5,637	5,279	5,524	112	5,311	213
N. Dak.....	248	208	147	173	163	138	136	185	28	183	2
S. Dak.....	526	571	391	338	500	505	539	609	88	594	15
Nebr.....	1,269	1,151	1,001	1,251	1,283	1,242	1,193	1,402	89	1,351	51
Kans.....	2,313	2,791	1,902	1,685	2,246	2,339	2,290	2,494	106	2,381	113
So. Atl.	37,808	34,729	35,786	58,946	70,152	72,094	72,647	75,292	204	72,506	2,786
Del.....	226	315	596	582	820	1,005	1,088	1,087	183	1,054	33
Md.....	5,316	5,467	5,186	6,985	8,148	7,966	7,860	7,731	183	7,502	229
D.C.....	1,958	1,604	1,423	2,302	2,237	2,530	2,599	2,719	426	2,674	45
Va.....	5,775	4,553	4,648	5,497	7,143	7,882	8,200	8,581	161	8,308	275
W. Va.....	2,407	1,477	938	1,271	1,206	1,237	1,251	1,257	64	1,227	30
N.C.....	5,977	6,029	5,969	10,993	12,830	12,268	13,461	14,325	244	13,794	531
S.C.....	2,080	2,323	2,726	5,600	6,738	7,130	7,115	7,427	238	7,134	293
Ga.....	6,985	5,966	5,113	10,421	11,597	10,833	11,666	11,954	219	11,411	543
Fla.....	7,084	6,995	9,187	15,315	19,433	21,243	19,407	20,211	208	19,404	807
E. So. Cent.	14,081	12,422	11,637	14,649	17,270	17,387	19,209	19,755	135	18,973	782
Ky.....	3,603	2,813	2,849	3,246	3,661	3,390	3,691	3,608	99	3,490	118
Tenn.....	3,134	3,213	3,268	4,551	5,480	5,835	6,629	7,022	153	6,686	336
Ala.....	5,369	4,377	3,790	4,420	5,545	5,529	5,464	5,786	149	5,541	245
Miss.....	1,975	2,019	1,730	2,422	2,584	2,633	3,425	3,339	132	3,256	83
W. So. Cent.	19,752	21,497	22,167	28,990	35,706	38,830	41,370	46,277	195	44,437	1,840
Ark.....	2,016	1,970	(NA)	2,162	2,462	2,578	2,980	2,925	128	2,819	106
La.....	3,749	3,844	4,198	4,758	6,731	7,291	7,618	8,889	211	8,586	303
Okla.....	2,679	2,829	3,640	3,133	4,074	4,186	4,250	4,571	151	4,361	210
Tex.....	11,308	12,854	14,331	18,937	22,439	24,575	26,522	29,892	210	28,671	1,221
Mt.	7,292	8,188	6,351	8,506	10,689	11,602	12,430	13,368	118	12,828	540
Mont.....	602	586	260	429	559	680	712	737	94	712	25
Idaho.....	549	481	411	580	774	802	830	817	87	792	25
Wyo.....	338	336	231	307	400	433	504	534	113	505	29
Colo.....	2,078	2,766	2,068	2,039	2,324	2,474	2,658	2,772	96	2,698	74
N. Mex.....	1,243	1,002	742	999	1,448	1,505	1,466	1,381	106	1,340	41
Ariz.....	1,516	1,694	1,460	2,647	3,229	3,450	3,737	4,360	160	4,141	219
Utah.....	553	701	491	657	806	908	957	928	64	901	27
Nev.....	413	622	690	848	1,149	1,350	1,566	1,839	230	1,739	100
Pac.	26,383	31,990	29,925	23,688	25,335	27,886	29,841	32,006	101	30,612	1,394
Wash.....	2,455	3,202	2,864	3,369	4,160	4,487	4,342	4,382	106	4,194	188
Oreg.....	1,710	2,000	1,800	2,480	2,907	2,873	3,168	3,165	120	3,069	96
Calif.....	21,660	26,325	25,033	17,295	17,338	19,550	21,260	23,264	98	22,177	1,087
Alaska.....	(NA)	(NA)	(NA)	207	532	490	532	571	143	562	9
Hawaii.....	558	463	228	336	398	486	539	624	65	610	14

NA Not available. X Not applicable. ¹ See headnote, table 330. ² Rate per 100,000 population of States as of April 1. ³ Not included in State figures. ⁴ Total excludes, and individual State figures include, transfers.

Source: U.S. Bureau of Justice Statistics, *Prisoners in State and Federal Institutions on December 31*, annual.

NO. 337. AVERAGE TIME SERVED BY PRISONERS RELEASED FROM FEDERAL INSTITUTIONS FOR FIRST TIME: 1965 TO 1980

[For years ending June 30. In computing averages, sentences to life and more than 45 years were counted as 45 years; minority sentences of juvenile delinquents were counted from date of sentence to 21st birthday]

YEAR AND OFFENSE	ALL FIRST RELEASES ¹			PAROLE ¹			EXPIRATION OF SENTENCE ¹			YCA ² RELEASES	
	Number	Average time (mo.)		Number	Average time (mo.)		Number	Average time (mo.)		Number	Avg. time served (mo.)
		Sentence	Served		Sentence	Served		Sentence	Served		
1965, all offenses.....	12,100	32.6	19.9	3,394	42.6	18.3	8,706	28.7	20.5	1,226	21.6
1970, all offenses.....	8,487	38.6	19.7	2,754	55.0	20.0	5,733	30.7	19.6	947	21.7
1975, all offenses.....	11,313	39.8	18.5	4,367	73.7	27.8	6,946	18.5	12.6	1,136	21.6
1976, all offenses.....	10,463	32.3	15.1	3,114	74.3	26.9	7,349	14.4	10.1	958	19.7
1977, all offenses.....	10,953	30.7	15.5	2,688	70.8	26.5	8,265	17.7	12.0	1,038	21.9
1978, all offenses.....	12,132	37.2	18.7	3,318	78.5	30.0	8,814	21.6	14.4	1,172	24.7
1979, all offenses.....	10,925	44.1	21.0	3,766	85.1	32.6	7,159	22.4	14.9	1,008	25.3
1980, all offenses ³.....	9,069	33.9	15.9	2,440	83.8	31.0	6,629	15.5	10.3	468	24.5
Counterfeiting.....	146	36.0	16.7	55	69.0	26.0	91	16.0	11.1	14	13.5
Drug laws.....	1,639	51.2	22.4	774	79.5	29.6	865	26.0	15.9	98	22.7
Embezzlement.....	168	16.1	8.8	35	37.4	13.8	133	10.5	7.5	7	10.2
Escape, flight, or harboring a fugitive.....	114	27.0	19.2	25	40.8	23.5	89	23.2	18.0	2	11.5
Firearms.....	366	36.6	19.5	101	60.1	23.9	265	27.7	17.8	24	21.5
Forgery.....	378	29.3	16.0	131	48.0	20.6	247	19.4	13.5	20	20.7
Fraud.....	383	20.1	10.3	97	44.9	17.4	286	11.7	7.8	8	18.5
Immigration.....	2,772	6.3	4.3	138	35.1	14.6	2,634	4.8	3.7	11	13.3
Income tax.....	169	12.3	7.4	25	41.4	18.6	144	7.2	5.5	-	-
Juvenile delinquency.....	4	42.0	23.7	-	-	-	4	42.0	23.7	-	-
Kidnaping.....	37	216.7	79.1	26	268.9	88.3	11	93.2	57.1	3	44.0
Larceny-theft.....	1,268	28.8	15.9	361	50.2	21.3	907	20.3	13.8	99	23.9
Motor vehicle, interstate.....	271	41.1	24.1	85	51.5	23.2	186	36.3	24.5	27	27.9
Liquor laws.....	9	18.3	9.8	3	36.0	16.0	6	9.5	6.8	-	-
Robbery.....	553	134.6	51.6	372	166.1	56.3	181	69.9	42.2	89	28.7
Securities, transporting false.....	67	58.8	27.6	29	95.5	36.1	38	30.8	21.2	5	16.6
White slave traffic.....	11	61.4	34.7	3	112.0	52.8	8	42.5	28.0	2	34.5
Military court-martial cases.....	13	70.5	31.6	6	140.0	58.1	7	11.0	9.0	-	-
Govt. reservation, high seas, territories, and D.C.....	339	52.9	21.1	100	133.5	44.6	239	19.2	11.3	61	30.7

- Represents zero. ¹ Excludes prisoners sentenced under Youth Corrections Act. ² Youth Corrections Act. ³ Includes other offenses not shown separately. Excludes 805 first releases (escapes, pardons, etc.) other than by parole, expiration of sentence, and mandatory release; also excludes 255 second or subsequent releases.

Source: U.S. Bureau of Prisons, *Statistical Report*, annual.

NO. 338. PRISONERS UNDER SENTENCE OF DEATH: 1975 TO 1980

[As of December 31. Excludes prisoners under sentence of death who remained within local correctional systems pending exhaustion of appellate process or who had not been committed to prison. These data may not match data in table 339 because of revisions of totals but not to characteristics]

CHARACTERISTIC	1975	1977	1978	1979	1980	CHARACTERISTIC	1975	1977	1978	1979	1980
Total.....	479	443	445	567	714	Marital status:					
White.....	214	244	261	344	427	Never married.....	217	192	187	208	268
Black and other.....	265	199	184	223	287	Married.....	167	143	136	190	229
Under 20 years.....	43	16	22	11	11	Divorced ¹	95	108	122	169	217
20-24 years.....	139	135	113	145	173	Time elapsed since sentencing:					
25-34 years.....	204	199	210	276	334	6 months or less.....	166	123	162	158	185
35-54 years.....	83	88	97	128	186	7-12 months.....	130	314	237	309	389
55 years and over.....	10	5	3	7	10	13-47 months.....	155	13	6	46	97
Completed school:						48-71 months.....	13	-	-	3	38
7 years or less.....	71	49	55	55	68	72 months and over.....	15	-	-	-	-
8 years or less.....	50	46	46	55	74	Legal status at arrest:					
9-11 years.....	167	137	158	187	204	Not under sentence.....	293	253	277	324	384
12 years.....	93	88	99	121	162	Parole or probation.....	51	60	60	88	115
More than 12 years.....	21	25	28	39	43	Prison or escaped.....	27	20	35	38	45
Unknown.....	77	98	59	110	163	Unknown.....	108	110	73	117	170

- Represents zero. ¹ Includes persons married but separated, widows, widowers, and unknown.

Source: 1975 to 1978, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Capital Punishment*, annual.

NO. 339. MOVEMENT OF PRISONERS UNDER SENTENCE OF DEATH: 1970 TO 1980

[Prisoners reported under sentence of death by civil authorities. The term "under sentence of death" begins when the court pronounces the first sentence of death for a capital offense. As a result of a major procedural change, beginning 1976, all data except executions, are not strictly comparable to corresponding data for earlier years. See source for explanation. For definition of median, see Guide to Tabular Presentation]

STATUS	1970	1973	1974	1975	1976	1977	1978	1979	1980	
									Total	Murder ¹
Under sentence of death, Jan	575	334	134	243	487	419	420	475	578	577
Received death sentence ²	133	42	166	322	249	157	205	164	187	187
White.....	66	15	77	145	144	81	120	101	117	117
Black.....	66	26	84	174	105	74	83	61	69	69
Dispositions other than executions	77	242	57	78	317	155	150	59	51	51
Executions.....	-	-	-	-	-	1	-	2	-	-
Under sentence of death, Dec. 31 ²	631	134	243	487	419	420	475	578	714	713
White.....	293	64	109	217	224	227	276	346	428	427
Black.....	335	68	128	262	195	191	195	229	282	282

- Represents zero. ¹ Prisoners found guilty of murder or of murder and other crime(s).

² Includes persons other than White or Black.

NO. 340. PRISONERS EXECUTED UNDER CIVIL AUTHORITY: 1930 TO 1980

[Excludes executions by military authorities. The Army (including the Air Force) carried out 160 (148 between 1942 and 1950, 3 each in 1954, 1955, and 1957, and 1 each in 1958, 1959, and 1961). Of the total, 106 were executed for murder (including 21 involving rape), 53 for rape, and 1 for desertion. The Navy carried out no executions during the period. See also *Historical Statistics, Colonial Times to 1970*, series H 1155-1167]

YEAR OR PERIOD	Total ¹	White	Black	EXECUTED FOR MURDER			EXECUTED FOR RAPE			OTHER OFFENSES ²		
				Total ¹	White	Black	Total ¹	White	Black	Total ¹	White	Black
All years.....	3,862	1,754	2,066	3,337	1,667	1,630	455	48	405	70	39	31
1930-1939.....	1,667	827	816	1,514	803	687	125	10	115	28	14	14
1940-1949.....	1,284	490	781	1,064	458	595	200	19	179	20	13	7
1950-1959.....	717	336	376	601	316	280	102	13	89	14	7	7
1960-1964.....	181	90	91	145	79	66	28	6	22	8	5	3
1965-1967.....	10	8	2	10	8	2	-	-	-	-	-	-
1968-1976.....	-	-	-	-	-	-	-	-	-	-	-	-
1977-1980 ³	3	3	-	3	3	-	-	-	-	-	-	-

- Represents zero. ¹ Includes races other than White or Black. ² 25 armed robbery, 20 kidnapping, 11 burglary, 8 espionage (6 in 1942, and 2 in 1953), and 6 aggravated assault. ³ See footnote 1, table 341.

NO. 341. PRISONERS EXECUTED UNDER CIVIL AUTHORITY—STATES: 1940 TO 1980

[No executions took place in Alaska, Hawaii, Maine, Michigan, Minnesota, New Hampshire, North Dakota, Rhode Island, and Wisconsin from 1940 to 1980. At no time during this period was the death penalty authorized in Alaska, Hawaii, Maine, Minnesota, and Wisconsin; it was abolished in Michigan in 1963 and lapsed in North Dakota in 1975 through statutory expiration; in the remaining two States, New Hampshire and Rhode Island, the death penalty was authorized during most of the period. At no time since the beginning of statehood in 1959 have Alaska or Hawaii authorized the death penalty]

STATE	1940 to 1949	1950 to 1959	1960 to 1967	1968 to 1976	1977 to 1980 ¹	STATE	1940 to 1949	1950 to 1959	1960 to 1967	1968 to 1976	1977 to 1980 ¹	STATE	1940 to 1949	1950 to 1959	1960 to 1967	1968 to 1976	1977 to 1980 ¹
Total ² ...	1,284	717	191	-	3	Iowa.....	7	1	2	-	-	Ohio.....	51	32	7	-	-
Ala.....	50	20	5	-	-	Kans.....	5	5	5	-	-	Okl.....	13	7	6	-	-
Ariz.....	9	8	4	-	-	Ky.....	34	16	1	-	-	Oreg.....	12	4	1	-	-
Ark.....	38	18	9	-	-	La.....	47	27	1	-	-	Pa.....	36	31	3	-	-
Calif.....	80	74	30	-	-	Md.....	45	6	1	-	-	S.C.....	61	26	8	-	-
Colo.....	13	3	6	-	-	Mass.....	9	-	-	-	-	S.Dak.....	1	-	-	-	-
Conn.....	10	5	1	-	-	Miss.....	60	36	10	-	-	Tenn.....	37	8	1	-	-
Del.....	4	-	-	-	-	Mo.....	15	7	4	-	-	Tex.....	74	74	29	-	-
D.C.....	16	4	-	-	-	Mont.....	1	-	-	-	-	Utah.....	4	6	1	-	1
						Nebr.....	2	2	-	-	-	Vt.....	1	2	-	-	-
Fla.....	65	49	12	-	1	Nev.....	10	9	2	-	1	Va.....	35	23	6	-	-
Ga.....	130	85	14	-	-	N.J.....	14	17	3	-	-	Wash.....	16	6	2	-	-
Idaho.....	-	3	-	-	-	N.Mex.....	2	3	1	-	-	W.Va.....	11	9	-	-	-
Ill.....	18	9	2	-	-	N.Y.....	114	52	10	-	-	Wyo.....	2	-	1	-	-
Ind.....	7	2	1	-	-	N.C.....	112	19	1	-	-						

- Represents zero. ¹ One execution in 1977, none in 1978, two in 1979, and none in 1980. ² Includes 23 Federal executions not shown by State (1940-1949, 13; 1950-1959, 9; and 1960-1967, 1).

Source of tables 339-341: Through 1978, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Capital Punishment*, annual.

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Section 7

Geography and Environment

This section presents data on land and water areas, physical geography, and climate of the United States. Statistics on the quality of air and water, on environmental pollutants, and on expenditures for pollution abatement and control are also shown.

There are few publications other than those showing area measurements (issued irregularly by the Bureau of the Census) which present area and geography statistics of a national scope. However, many data are compiled for particular regions or for internal administrative purposes by such Federal agencies as the Geological Survey, National Oceanic and Atmospheric Administration (NOAA), and the Soil Conservation Service. Data on air and water quality and on types and sources of pollutants are compiled by various agencies and the U.S. Council on Environmental Quality (CEQ). For details, see the annual report of CEQ, *Environmental Quality*, and *Environmental Statistics, 1979*.

Area.—Area measurements were first conducted for the United States as a whole, and gradually were extended to the individual States. The annual report of the U.S. General Land Office for 1850 contained the first reference to measurements of areas of the States and Territories. In 1881, as part of the 1880 Census of Population, the Bureau of the Census laid the foundation for accurate and detailed area measurement in the United States. For the first time an account was given of the methods and maps employed, the water bodies included, and the outer limits of the United States used as a basis for measurement. As part of the 1940 census, the Bureau published *Areas of the United States: 1940*, in which data were presented on the total land and inland water areas of the States, counties, places, and minor civil divisions. In the 1950 and 1960 census reports, adjustments in selected area figures were made because changes in boundaries, development of water reservoirs, or improvements in the maps from which measurements are made had taken place. In 1964, the Bureau undertook a new measurement of the areas of places with at least 1,000 inhabitants, minor civil divisions, and census county divisions of the 1960 census. The results are published in *Area Measurement Reports, Series GE-20*. The series consists of one report for each State and a U.S. summary. These reports include the same kinds of data as the 1940 report. Land areas of places with populations of 2,500 and over as of 1970 are shown in *Census of Population, 1970*, vol. 1, chapter A; data for counties are shown in the separate State reports. For 1980, land and water area for the individual States and their counties and county equivalents are published in *1980 Census of Population*, vol. 1, chapter A reports (PC80-1-A).

Geography.—The Geological Survey, cooperating with State and local agencies, is responsible for topographic, geologic, and hydrologic maps; basic data on the quantity, quality, and movement of surface and ground water; and classification of Federal lands for mineral and waterpower potential. Data on water usage are published every five years in *Estimated Use of Water in the United States* (the most recent for 1975).

The National Ocean Survey, a division of NOAA, is responsible for coastal and geodetic surveys and measurement of certain physical phenomena. Currently, its primary functions are to provide charts for marine and air navigation, to maintain a basic network of geodetic control, and to compile other basic data for engineering, scientific, commercial, industrial, and defense needs.

An inventory of the nation's land resources was conducted by the Soil Conservation Service in 1977. The results, published in the *National Inventory of Land Resources, 1977*, cover all non-Federal land in Puerto Rico, the Virgin Islands, and the U.S. except Alaska.

Maps prepared by the Bureau of the Census show boundaries of various types of political and statistical areas, such as unincorporated places, the urbanized areas around large cities, county subdivisions, and census tracts.

Environment.—The CEQ is responsible for coordinating all environmental quality programs, recommending national environmental policies, analyzing changes and trends in the environment, and for reviewing Federal programs affecting the environment. It reports on its activities in its annual publication, *Environmental Quality*. The principal Federal agency responsible for research and enforcement activities related to pollution abatement and control is the Environmental Protection Agency (EPA). It is also responsible for establishing and monitoring national air quality standards.

Air sampling, conducted by the Public Health Service, began in 17 communities in 1953; in 1957 the National Air Surveillance Network was established and, by the late 1960's, covered approximately 260 urban and 30 rural stations. The operation of the stations was decentralized in 1972 to the 10 regional EPA offices and many of the stations were in turn assimilated into State and locally operated air monitoring networks. The Network determines the extent and nature of air pollution and studies trends in levels of atmospheric contaminants.

National Ambient Air Quality Standards for suspended particulate matter, sulfur dioxide, oxidants, carbon monoxide, and nitrogen dioxide were set by EPA in April 1971. Responsibility for demonstrating compliance with or progress toward achieving these standards lies with the State agencies. Non-Federal sampling stations for suspended particulates increased from approximately 800 in 1969 to about 4,000 in 1978. Data from these State networks are periodically submitted to EPA's National Aerometric Data Bank for summarization in quarterly reports on the nationwide status of, and trends in, air quality; for details, see *National Air Pollutant Emission Estimates, 1970-79*.

Pollution abatement and control expenditures.—Data on expenditures for pollution abatement and control are compiled and published by the Office of Management and Budget (OMB), the U.S. Bureau of Economic Analysis (BEA), the U.S. Bureau of the Census, and the CEQ as part of on-going programs. OMB collects and publishes figures annually on Federal funds spent for pollution abatement and control in *The Budget of the United States Government*. BEA conducts surveys on national expenditures for pollution abatement and control and presents the data in its *Survey of Current Business*. The U.S. Bureau of the Census collects data on State and local government and industry expenditures for water and air quality control. Data on government expenditures are reported in the annual *Environmental Quality Control: Government Finances*. Industry data are reported periodically in *Current Industrial Reports*. CEQ publishes data in *Environmental Quality*.

Climate.—NOAA, through the National Weather Service and the Environmental Data Information Service, is responsible for data on climate. NOAA maintains about 11,500 weather stations, of which over 3,000 produce autographic precipitation records, about 600 take automatic or hourly readings of a series of weather elements, and the remainder record data once a day. These data are reported on monthly, with an annual summary, in *Climatological Data: National Summary and Local Climatological Data*.

Nearly all weather stations have been moved several times in their history. Consequently, NOAA uses "normal" values of temperature and precipitation for comparative purposes rather than the daily, monthly, and yearly averages which have been derived from records accumulated at the different locations the stations may have had over the years. "Normal" values are obtained by adding the high and low values for a specified period and dividing by 2.

The base period for the normal values of temperature and precipitation is the 30-year period, 1941 through 1970. For stations having records for the entire 30 years from the same instrument site, monthly precipitation and temperature normals are the arithmetic averages of the monthly values for the 30 years. The annual normal temperature is obtained by dividing the sum of the monthly normals by 12.

For stations that did not have continuous records from the same instrument site for the entire 30 years, 1941 through 1970, the means have been adjusted to the record at the present site. In these adjustments, a "difference factor" was used for temperature and a "ratio factor" for precipitation. These factors were determined by parallel comparison with other nearby stations that have a continuous record for the 30-year period to obtain the resultant adjustment factors. Normals were thereafter obtained by the method described above.

The heating degree-day normals are derived from the monthly mean temperatures, and computed to base 65° F. The heating degree day has been defined as follows: "A unit, based upon temperature difference and time, used in estimating fuel consumption and specifying nominal heating load in winter. For any one day, when the mean temperature is less than 65° F., there exist as many degree days as there are Fahrenheit degree differences in the temperature between the average temperature for the day and 65° F."

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

NO. 342. AREA OF STATES AND OTHER AREAS: 1980

[One sq. mile = 2.59 sq. kilometers. See *Historical Statistics, Colonial Times to 1970*, series A 210-263, for land area]

STATE OR OTHER AREA	Year admitted to state- hood	TOTAL AREA			LAND AREA ¹		WATER AREA ²	
		Rank	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.
United States.....	(x)	(x)	3,618,770	9,372,614	3,539,289	9,166,759	79,481	205,856
New England.....	(x)	(x)	66,672	172,681	63,012	163,201	3,660	9,480
Maine.....	1820	39	33,265	86,156	30,995	80,277	2,270	5,879
New Hampshire.....	³ 1788	44	9,279	24,032	8,993	23,292	286	739
Vermont.....	1791	43	9,614	24,900	9,273	24,017	341	883
Massachusetts.....	³ 1788	45	8,284	21,456	7,824	20,265	460	1,191
Rhode Island.....	³ 1790	50	1,212	3,140	1,055	2,732	158	408
Connecticut.....	³ 1788	48	5,018	12,997	4,872	12,617	147	380
Middle Atlantic.....	(x)	(x)	102,203	264,707	99,733	258,308	2,470	6,398
New York.....	³ 1788	30	49,108	127,189	47,377	122,706	1,731	4,483
New Jersey.....	³ 1787	46	7,787	20,169	7,468	19,342	319	827
Pennsylvania.....	³ 1787	33	45,308	117,348	44,888	116,260	420	1,088
East North Central.....	(x)	(x)	248,540	643,719	243,961	631,859	4,579	11,860
Ohio.....	1803	35	41,330	107,044	41,004	106,201	325	843
Indiana.....	1816	38	36,185	93,720	35,932	93,064	253	656
Illinois.....	1818	24	56,345	145,934	55,645	144,120	700	1,814
Michigan.....	1837	23	58,527	151,586	56,954	147,511	1,573	4,075
Wisconsin.....	1848	26	56,153	145,436	54,426	140,964	1,727	4,472
West North Central.....	(x)	(x)	517,825	1,341,166	508,132	1,316,063	9,693	25,104
Minnesota.....	1858	12	84,402	218,601	79,548	206,030	4,854	12,571
Iowa.....	1846	25	56,275	145,753	55,965	144,950	310	803
Missouri.....	1821	19	69,697	180,516	68,945	178,568	752	1,948
North Dakota.....	1889	17	70,702	183,119	69,300	179,486	1,403	3,633
South Dakota.....	1889	16	77,116	199,730	75,952	196,715	1,164	3,014
Nebraska.....	1867	15	77,355	200,350	76,644	198,508	711	1,842
Kansas.....	1861	14	82,277	213,098	81,778	211,805	499	1,293
South Atlantic.....	(x)	(x)	278,926	722,420	266,910	691,296	12,017	31,123
Delaware.....	³ 1787	49	2,044	5,295	1,932	5,005	112	290
Maryland.....	³ 1788	42	10,460	27,092	9,837	25,477	623	1,614
District of Columbia.....	(x)	(x)	69	178	63	162	6	15
Virginia.....	³ 1788	36	40,767	105,586	39,704	102,832	1,063	2,753
West Virginia.....	1863	41	24,231	62,759	24,119	62,468	112	291
North Carolina.....	³ 1789	28	52,669	136,413	48,843	126,504	3,826	9,909
South Carolina.....	³ 1788	40	31,113	80,582	30,203	78,227	969	2,355
Georgia.....	³ 1788	21	58,910	152,576	58,056	150,364	854	2,211
Florida.....	1845	22	58,664	151,939	54,153	140,256	4,511	11,683
East South Central.....	(x)	(x)	181,947	471,243	178,824	463,154	3,123	8,089
Kentucky.....	1792	37	40,409	104,680	39,669	102,743	740	1,917
Tennessee.....	1796	34	42,144	109,152	41,155	106,591	989	2,561
Alabama.....	1819	29	51,705	133,915	50,767	131,487	938	2,428
Mississippi.....	1817	32	47,689	123,515	47,233	122,333	457	1,183
West South Central.....	(x)	(x)	437,701	1,133,646	427,271	1,106,633	10,430	27,013
Arkansas.....	1836	27	53,187	137,754	52,078	134,883	1,109	2,871
Louisiana.....	1812	31	47,752	123,677	44,521	115,310	3,230	8,366
Oklahoma.....	1907	18	69,956	181,166	68,655	177,817	1,301	3,369
Texas.....	1845	2	266,807	691,030	262,017	678,623	4,790	12,407
Mountain.....	(x)	(x)	863,663	2,236,628	855,193	2,214,951	8,869	21,677
Montana.....	1889	4	147,046	380,848	145,388	376,555	1,667	4,293
Idaho.....	1890	13	83,564	216,432	82,412	213,447	1,153	2,995
Wyoming.....	1890	9	97,809	253,326	96,989	251,202	820	2,125
Colorado.....	1876	8	104,091	269,595	103,595	268,311	496	1,285
New Mexico.....	1912	5	121,593	314,925	121,335	314,258	258	667
Arizona.....	1912	6	114,000	295,260	113,508	293,986	492	1,274
Utah.....	1896	11	84,899	219,889	82,073	212,569	2,826	7,320
Nevada.....	1864	7	110,561	286,352	109,894	284,624	667	1,728
Pacific.....	(x)	(x)	921,392	2,386,406	896,253	2,321,295	25,140	65,112
Washington.....	1889	20	68,139	176,479	66,511	172,264	1,627	4,215
Oregon.....	1859	10	97,073	251,419	96,184	249,117	889	2,302
California.....	1850	3	158,706	411,049	156,299	404,814	2,407	6,234
Alaska.....	1959	1	591,004	1,530,700	570,833	1,478,457	20,171	52,243
Hawaii.....	1959	47	6,471	16,759	6,425	16,641	46	118
Other areas:								
Puerto Rico.....	(x)	(x)	3,515	9,103	3,459	8,958	56	145
Virgin Islands of U.S.....	(x)	(x)	133	344	132	342	1	3
American Samoa.....	(x)	(x)	77	199	77	199	-	-
Guam.....	(x)	(x)	209	541	209	541	-	-
Trust Territory of Pacific Islands ⁴	(x)	(x)	533	1,380	533	1,380	-	-
No. Mariana Islands.....	(x)	(x)	184	477	184	477	-	-

- Represents zero. X Not applicable. ¹ Dry land and land temporarily or partially covered by water, as marshland, swamps, etc.; streams and canals under one-eighth statute mile wide; and lakes, reservoirs, and ponds under 40 acres of area.

² Permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more of area; streams, sloughs, estuaries, and canals one-eighth statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water, and islands having less than 40 acres of area. Excludes areas of oceans, bays, sounds, etc., lying within U.S. jurisdiction but not defined as inland water. ³ Year of ratification of Constitution; one of the original 13 States. ⁴ Administered by United States since July 18, 1947, under United Nations Trusteeship system.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. I, and *Characteristics of the Population*, PC80-1-A, and unpublished data.

NO. 343. TERRITORIAL EXPANSION OF THE UNITED STATES AND ACQUISITIONS OF OTHER AREAS

[One square mile = 2.59 square kilometers. Boundaries of all territories listed under "United States" were indefinite, at least in part, at time of acquisition. Area figures shown here represent precise determinations of specific territories which have been marked, upon maps, based upon interpretations of the several treaties of cession, which are necessarily debatable. These determinations were made by a committee consisting of representatives of various governmental agencies in 1912. Subsequently these figures were adjusted to bring them into agreement with remeasurements made in 1960. See also *Historical Statistics, Colonial Times to 1970*, series J 1-2]

ACCESSION	Acquisition date	GROSS AREA (land and water)		ACCESSION	Acquisition date	GROSS AREA (land and water)	
		Sq. mi.	Sq. km.			Sq. mi.	Sq. km.
Total ¹	(x)	3,630,854	9,403,912	Other:			
United States ¹	(x)	3,618,467	9,371,829	Puerto Rico	⁴ 1898	3,435	8,897
Territory in 1790 ²	(x)	888,685	2,301,694	Guam	⁵ 1898	212	549
Louisiana Purchase	1803	827,192	2,142,427	American Samoa	⁶ 1899	76	197
By treaty with Spain:				Virgin Islands of the U.S.	1917	133	344
Florida	1819	58,560	151,670	Trust Territory of the Pacific Islands ⁷	1947	8,489	21,987
Other areas ³	1819	13,443	34,817	All other ⁸	(x)	42	109
Texas	1845	390,143	1,010,470	The Philippines ⁹	1898	115,600	299,404
Oregon	1846	285,580	739,652	Canal Zone ¹⁰	1904	553	1,432
Mexican Cession	1848	529,017	1,370,154	Corn Islands ¹¹	1914	4	10
Gadsden Purchase	1853	29,640	76,768				
Alaska ¹	1867	589,757	1,527,470				
Hawaii	1898	6,450	16,706				

X Not applicable. ¹ Area figure for Alaska corrected after 1970 Census of Population final reports were issued. ² Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase. ³ Includes parts of Alabama, Mississippi, and Louisiana. ⁴ Ceded by Spain in 1898, ratified in 1899, and became Commonwealth of Puerto Rico by Act of Congress on July 25, 1952. ⁵ Acquired 1898; ratified 1899. ⁶ Acquired 1899; ratified 1900. ⁷ Comprises 717 square miles of land area and 7,772 square miles of water area. Under trusteeship. See table 6, footnotes 9 and 10. ⁸ Comprises following islands with gross areas as indicated, in sq. mi.: Midway (2), Wake (3), Palmyra (4), Canton and Enderbury (combined area, 27), Swan (1) which were returned to Honduras in 1972, Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston Atoll (combined area, less than .5), Kingman Reef (less than .5), and other islands for which area figures are not available. ⁹ Not included in total. Ceded by Spain in 1898, the Philippines constituted a territorial possession of the United States from 1898 to 1946. Granted independence as of July 4, 1946, they then became the Republic of the Philippines. ¹⁰ Not included in total for 1970. ¹¹ Not included in total for 1970. Leased (1914) from Republic of Nicaragua for 99 years but returned April 1971.

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

NO. 344. WATER AREA, OTHER THAN INLAND WATER—STATES

[Includes only that portion of body of water under the jurisdiction of the United States, excluding Alaska and Hawaii. Excludes inland waters; see footnote 2, table 1. One square mile = 2.59 square kilometers]

BODY OF WATER	AREA		BODY OF WATER	AREA	
	Sq. mi.	Sq. km.		Sq. mi.	Sq. km.
Total	74,364	192,603	Gulf of Mexico coastal water	3,837	9,938
Atlantic coastal water	2,298	5,952	Alabama	560	1,450
Florida	37	96	Florida	1,698	4,398
Georgia	48	124	Louisiana	1,016	2,631
Maine	1,102	2,854	Mississippi	556	1,440
Massachusetts	959	2,484	Texas	7	18
Rhode Island	14	36	Lake Michigan	22,178	57,441
South Carolina	138	357	Illinois	1,526	3,952
Chesapeake Bay	3,237	8,384	Indiana	228	591
Maryland	1,726	4,470	Michigan	13,037	33,766
Virginia	1,511	3,913	Wisconsin	7,387	19,132
Delaware Bay	665	1,722	New York Harbor	92	238
Delaware	350	907	New Jersey	69	179
New Jersey	315	816	New York	23	60
Lake Erie	5,002	12,955	Lake Ontario: New York	3,033	7,855
Michigan	216	559	Pacific coastal water	343	888
New York	594	1,538	California	69	179
Ohio	3,457	8,954	Oregon	48	124
Pennsylvania	735	1,904	Washington	226	585
Straits of Georgia and Juan de Fuca:			Puget Sound: Washington	561	1,453
Washington	1,610	4,170	Lake St. Clair: Michigan	116	300
Lake Huron: Michigan	8,975	23,245	Lake Superior	21,118	54,696
Long Island Sound	1,298	3,364	Michigan	16,231	42,038
Connecticut	573	1,484	Minnesota	2,212	5,729
New York	726	1,880	Wisconsin	2,675	6,928

Source: U.S. Bureau of the Census, *Areas of the United States: 1940*.

NO. 345. EXTREME AND MEAN ELEVATIONS—STATES AND OTHER AREAS

(One foot = .305 meter)

STATE OR OTHER AREA	HIGHEST POINT			LOWEST POINT			APPROXIMATE MEAN ELEVATION	
	Name	Elevation		Name	Elevation		Feet	Meters
		Feet	Meters		Feet	Meters		
U.S.....	Mt. McKinley (Alaska).....	20,320	6,198	Death Valley (Calif.)	-282	-86	2,500	763
Ala.....	Cheaha Mountain.....	2,407	734	Gulf of Mexico.....	(1)	(1)	500	153
Alaska.....	Mount McKinley.....	20,320	6,198	Pacific Ocean.....	(1)	(1)	1,900	580
Ariz.....	Humphreys Peak.....	12,633	3,853	Colorado River.....	70	21	4,100	1,251
Ark.....	Magazine Mountain.....	2,753	840	Quachita River.....	55	17	650	198
Calif.....	Mount Whitney.....	14,494	4,421	Death Valley.....	-282	-86	2,900	885
Colo.....	Mt. Elbert.....	14,433	4,402	Arkansas River.....	3,350	1,022	6,800	2,074
Conn.....	Mt. Frissell, on South slope.....	2,380	726	Long Island Sound.....	(1)	(1)	500	153
Del.....	Ebright Road, New Castle Co.....	442	135	Atlantic Ocean.....	(1)	(1)	60	18
D.C.....	Tenleytown.....	410	125	Potomac River.....	1	(2)	150	46
Fla.....	Sec. 30, T6N, R20W, Walton County ²	345	105	Atlantic Ocean.....	(1)	(1)	100	31
Ga.....	Brasstown Bald.....	4,784	1,459	Atlantic Ocean.....	(1)	(1)	600	183
Hawaii.....	Mauna Kea.....	13,796	4,208	Pacific Ocean.....	(1)	(1)	3,030	924
Idaho.....	Borah Peak.....	12,662	3,862	Snake River.....	710	217	5,000	1,525
Ill.....	Charles Mound.....	1,235	377	Mississippi River.....	279	85	600	183
Ind.....	Franklin Twp., Wayne Co. Sec. 29, T100N, R41W, Osceola County ²	1,257	383	Ohio River.....	320	98	700	214
Iowa.....	Mount Sunflower.....	1,670	609	Mississippi River.....	480	146	1,100	336
Kans.....	Black Mountain.....	4,039	1,232	Verdigris River.....	680	207	2,000	610
Ky.....	Driskill Mountain.....	4,145	1,264	Mississippi River.....	257	78	750	229
La.....	Mount Katahdin.....	535	163	New Orleans.....	-5	-2	100	31
Maine.....	Backbone Mountain near Kempton, W. Va.....	5,268	1,607	Atlantic Ocean.....	(1)	(1)	600	183
Md.....	Mount Greylock.....	3,360	1,025	Atlantic Ocean.....	(1)	(1)	350	107
Mass.....	Mount Curwood.....	3,491	1,065	Atlantic Ocean.....	(1)	(1)	500	153
Mich.....	Eagle Mountain, Cook Co....	1,980	604	Lake Erie.....	572	174	900	275
Minn.....	Woodall Mountain, near Iuka.....	2,301	702	Lake Superior.....	602	184	1,200	366
Miss.....	Taum Sauk Mountain.....	806	246	Gulf of Mexico.....	(1)	(1)	300	92
Mo.....	Granite Peak.....	1,772	540	St. Francis River.....	230	70	800	244
Mont.....	Johnson Twp., Kimball Co., T12N, R59W ²	12,799	3,904	Kootenai River.....	1,800	549	3,400	1,037
Nebr.....	Boundary Peak.....	5,426	1,655	Southeast corner of State.....	840	256	2,600	793
Nev.....	Mount Washington.....	13,143	4,009	Colorado River.....	470	143	5,500	1,678
N.H.....	High Point.....	6,288	1,918	Atlantic Ocean.....	(1)	(1)	1,000	305
N.J.....	Wheeler Peak.....	1,803	550	Atlantic Ocean.....	(1)	(1)	250	76
N. Mex.....	Mount Marcy.....	13,161	4,014	Red Bluff Reservoir.....	2,817	859	5,700	1,739
N.Y.....	Mount Mitchell.....	5,344	1,630	Atlantic Ocean.....	(1)	(1)	1,000	305
N.C.....	White Butte, Slope Co.....	6,684	2,039	Atlantic Ocean.....	(1)	(1)	700	214
N. Dak.....	Campbell Hill.....	3,506	1,069	Red River.....	750	229	1,900	580
Ohio.....	Black Mesa.....	1,550	473	Ohio River.....	433	132	850	259
Okl.....	Mount Hood.....	4,973	1,517	Little River.....	287	88	1,300	397
Oreg.....	Mount Davis.....	11,233	3,428	Pacific Ocean.....	(1)	(1)	3,300	1,007
Pa.....	Jerimoth Hill.....	3,213	980	Delaware River.....	(1)	(1)	1,100	336
R.I.....	Sassafras Mountain.....	812	248	Atlantic Ocean.....	(1)	(1)	200	61
S.C.....	Harney Peak.....	3,560	1,086	Atlantic Ocean.....	(1)	(1)	350	107
S. Dak.....	Clingmans Dome.....	7,242	2,209	Big Stone Lake.....	962	293	2,200	671
Tenn.....	Guadalupe Peak.....	6,643	2,026	Mississippi River.....	182	56	900	275
Tex.....	Kings Peak.....	8,749	2,668	Gulf of Mexico.....	(1)	(1)	1,700	519
Utah.....	Mount Mansfield.....	13,528	4,126	Beaverdam Creek.....	2,000	610	6,100	1,861
Vt.....	Mount Rogers.....	4,393	1,340	Lake Champlain.....	95	29	1,000	305
Va.....	Mount Ranier.....	5,729	1,747	Atlantic Ocean.....	(1)	(1)	950	290
Wash.....	Spruce Knob.....	14,410	4,395	Pacific Ocean.....	(1)	(1)	1,700	519
W. Va.....	Timms Hill.....	4,863	1,483	Potomac River.....	240	73	1,500	458
Wis.....	Gannett Peak.....	1,952	595	Lake Michigan.....	581	177	1,050	320
Wyo.....	Cerro de Punta.....	13,804	4,210	Belle Fourche River.....	3,100	946	6,700	2,044
Other areas:								
P. Rico.....	Lata Mountain.....	4,389	1,339	Atlantic Ocean.....	(1)	(1)	1,800	549
Am. Samoa.....	Cerro Galera.....	3,160	964	Pacific Ocean.....	(1)	(1)	1,300	397
C. Zone.....	Mount Lamlam.....	1,205	368	Atlantic Ocean.....	(1)	(1)	280	85
Guam.....	Grown Mountain.....	1,329	405	Pacific Ocean.....	(1)	(1)	330	101
Virgin Is.....		1,556	475	Atlantic Ocean.....	(1)	(1)	750	229

Z Less than .5 meter. ¹ Sea level. ² "Sec." denotes section; "T," township; "R," range; "N," north; "W," west.Source: U.S. Geological Survey, *Elevations and Distances in the United States*, 1980.

No. 346. COASTLINE OF THE UNITED STATES, BY STATES

[One mile = 1.609 kilometers]

STATE	GENERAL COASTLINE ¹		TIDAL SHORELINE ²		STATE	GENERAL COASTLINE ¹		TIDAL SHORELINE ²	
	Statute miles	Kilo-meters	Statute miles	Kilo-meters		Statute miles	Kilo-meters	Statute miles	Kilo-meters
U.S.	12,383	19,924	88,633	142,610	Gulf coast.....	1,631	2,624	17,141	27,580
Atlantic coast.....	2,069	3,329	28,673	46,135	Alabama.....	53	85	607	977
Connecticut.....	-	-	618	994	Florida.....	770	1,239	5,095	8,198
Delaware.....	28	45	381	613	Louisiana.....	397	639	7,721	12,423
Florida.....	580	933	3,331	5,360	Mississippi.....	44	71	359	578
Georgia.....	100	161	2,344	3,771	Texas.....	367	591	3,359	5,405
Maine.....	228	367	3,478	5,596	Pacific coast.....	7,623	12,265	40,298	64,839
Maryland.....	31	50	3,190	5,133	Alaska.....	5,580	8,978	31,383	50,495
Massachusetts.....	192	309	1,519	2,444	California.....	840	1,352	3,427	5,514
New Hampshire.....	13	21	131	211	Hawaii.....	750	1,207	1,052	1,693
New Jersey.....	130	209	1,792	2,883	Oregon.....	296	476	1,410	2,269
New York.....	127	204	1,850	2,977	Washington.....	157	253	3,026	4,869
North Carolina.....	301	484	3,375	5,430	Arctic coast, Alaska.....	1,060	1,706	2,521	4,056
Pennsylvania.....	-	-	89	143					
Rhode Island.....	40	64	384	618					
South Carolina.....	187	301	2,876	4,627					
Virginia.....	112	180	3,315	5,334					

- Represents zero. ¹Figures are lengths of general outline of seacoast. Measurements were made with a unit measure of 30 minutes of latitude on charts as near the scale of 1:1,200,000 as possible. Coastline of sounds and bays is included to a point where they narrow to width of unit measure, and includes the distance across at such point. ²Figures obtained in 1939-1940 with a recording instrument on the largest-scale charts and maps then available. Shoreline of outer coast, offshore islands, sounds, bays, rivers, and creeks is included to the head of tidewater or to a point where tidal waters narrow to a width of 100 feet. Source: U.S. National Oceanic and Atmospheric Administration, *The Coastline of the United States*, 1975.

No. 347. LENGTHS OF PRINCIPAL RIVERS

[Comprises rivers 600 miles or more in length. Length represents distance to designated outflow from (a) original headwater of named river where name applies to entire length of channel, or (b) upper limit of channel so named, usually the junction of 2 tributaries or headwater streams. One mile=1.609 kilometers]

RIVER/OUTFLOW	LENGTH		RIVER/OUTFLOW	LENGTH	
	Miles	Kilo-meters		Miles	Kilo-meters
Arkansas/Mississippi River.....	1,450	2,333	Missouri-Red Rock/Mississippi River.....	2,564	4,125
Brazos/Gulf of Mexico.....	1,309	2,106	Mobile-Alabama-Coosa/Mobile Bay.....	639	1,028
Canadian/Arkansas River.....	906	1,458	North Canadian/Canadian River.....	784	1,261
Cimarron/Arkansas River.....	698	1,123	North Platte/Platte River.....	680	1,094
Colorado (U.S.-Mex.)/Gulf of California.....	1,450	2,333	Ohio/Mississippi River.....	981	1,578
Colorado (Texas)/Matagorda Bay.....	894	1,438	Ohio-Allegheny/Mississippi River.....	1,306	2,101
Columbia/Pacific Ocean.....	1,214	1,953	Ouachita/Red River.....	605	973
Columbia, Upper/to mouth of Snake River.....	890	1,432	Pecos/Rio Grande.....	926	1,490
Cumberland/Ohio River.....	687	1,105	Red (Okla.-Tex.-La.)/Mississippi River.....	1,222	1,966
Gila/Colorado River.....	630	1,014	Rio Grande/Gulf of Mexico.....	1,885	3,033
Green (Utah-Wyo.)/Colorado River.....	730	1,175	St. Lawrence/Lake Ontario.....	800	1,287
James (N.Dak.-S.Dak.)/Missouri River.....	710	1,142	Snake/Columbia River.....	1,000	1,609
Kuskokwim/Kuskokwim Bay.....	800	1,287	Tanana/Yukon River.....	800	1,287
Milk/Missouri River.....	625	1,006	Tennessee/Ohio River.....	652	1,049
Mississippi/Mouth of SW Pass.....	2,348	3,778	Tennessee-French Broad/Ohio River.....	869	1,398
Mississippi, Upper/to mouth of Missouri River.....	1,171	1,884	Trinity/Trinity Bay.....	715	1,150
Mississippi-Missouri-Red Rock/mouth of SW Pass.....	3,741	6,019	Washita/Red River.....	626	1,007
Missouri/Mississippi River.....	2,315	3,725	White (Ark.-Mo.)/Mississippi River.....	685	1,102
			Yellowstone/Missouri River.....	671	1,080
			Yukon/Bering Sea.....	1,875	3,017

Source: U.S. Corps of Engineers, unpublished data.

NO. 348. AREAS OF SELECTED NATURAL LAKES

[Comprises lakes with surface area of 150 square miles or more. One square mile=2.59 square kilometers]

LAKE AND LOCATION	AREA		LAKE AND LOCATION	AREA	
	Sq. mi.	Sq. km.		Sq. mi.	Sq. km.
Becharof (Alaska).....	458	1,186	Leech (Minn.).....	176	456
Champlain (N.Y., Vt., and Canada).....	490	1,269	Mille Lacs (Minn.).....	207	536
Flathead (Montana).....	197	510	Naknek (Alaska).....	242	627
Great Salt ¹ (Utah).....	² 1,361	² 3,525	Okeechobee (Fla.).....	700	1,813
Iliamna (Alaska).....	1,000	2,590	Pontchartrain ¹ (La.).....	625	1,619
Lake Erie (Mich., N.Y., Ohio, Pa., and Canada).....	9,940	25,745	Pyramid ¹ (Nev.).....	² 168	² 435
Lake Huron (Mich. and Canada).....	23,010	59,596	Rainy (Minn. and Canada).....	345	894
Lake Michigan (Ill., Ind., Mich., and Wis.).....	22,400	58,016	Red Lake, Upper and Lower (Minn.).....	451	1,168
Lake Ontario (N.Y. and Canada).....	7,540	19,529	St. Clair (Mich. and Canada).....	460	1,191
Lake Superior (Mich., Minn., Wis., and Canada).....	31,820	82,414	Salton Sea ¹ (Calif.).....	² 375	² 971
Lake of the Woods (Minn. and Canada).....	1,485	3,846	Tahoe (Calif. and Nev.).....	193	500
			Teshekpuk (Alaska).....	315	816
			Winnebago (Wis.).....	215	557

¹ Salty. ² Variable. Estimated from elevation of water surface as of December 1976.Source: U.S. Geological Survey, *Principal Lakes of the United States*, Circular 476.

NO. 349. WATER WITHDRAWN PER DAY—STATES AND PUERTO RICO: 1970 AND 1975

[Figures may not add due to rounding. Withdrawal signifies water physically withdrawn from a source. Includes fresh and saline water; excludes water used for hydroelectric power]

STATE	WATER WITHDRAWN					Fresh water consumed, ² 1975 (mil. gal.)	STATE OR OTHER AREA	WATER WITHDRAWN					Fresh water consumed, ² 1975 (mil. gal.)
	1970		1975		Sur-face (bil. gal.)			1970		1975		Sur-face (bil. gal.)	
	Per cap-ita ¹ (gal.)	Total (bil. gal.)	Per cap-ita ¹ (gal.)	Total (bil. gal.)				Per cap-ita ¹ (gal.)	Total (bil. gal.)	Per cap-ita ¹ (gal.)	Total (bil. gal.)		
Total...	1,800	370.0	1,920	420.0	330	96,000	Mo.....	750	3.5	860	4.1	4	400
Ala.....	1,900	6.7	2,530	9.1	9	260	Mont.....	12,000	8.0	15,440	12.0	11	2,800
Alaska.....	830	.3	570	.2	(z)	6	Nebr.....	4,100	6.0	5,620	8.7	3	6,000
Ariz.....	3,900	6.8	3,530	7.8	3	5,900	Nev.....	6,700	3.3	5,950	3.5	3	1,600
Ark.....	1,600	3.0	2,390	5.1	3	2,200	N.H.....	940	.7	1,220	1.0	1	21
Calif.....	2,400	48.0	2,390	51.0	31	23,000	N.J.....	870	6.3	900	6.6	6	440
Colo.....	6,000	13.0	4,000	10.0	7	5,300	N. Mex.....	3,100	3.2	2,830	3.2	2	1,600
Conn.....	1,200	3.5	860	2.7	3	160	N.Y.....	970	18.0	1,340	24.0	23	740
Del.....	2,200	1.2	3,540	2.1	2	39	N.C.....	1,200	5.9	1,100	6.0	6	490
D.C.....	1,700	1.3	400	.3	(z)	18	N. Dak.....	1,000	.7	1,390	.9	1	240
Fla.....	2,300	15.0	2,150	18.0	15	2,300	Ohio.....	1,700	18.0	1,520	16.0	15	510
Ga.....	1,200	5.3	1,200	5.9	5	390	Okl.....	590	1.5	830	2.3	1	1,200
Hawaii.....	3,500	2.7	2,890	2.5	2	560	Oreg.....	2,800	5.9	3,020	6.9	6	3,200
Idaho.....	22,000	16.0	21,330	17.0	12	4,900	Pa.....	1,700	20.0	1,540	18.0	17	830
Ill.....	1,400	16.0	1,140	13.0	12	200	R.I.....	490	.5	520	.5	(z)	14
Ind.....	1,700	8.6	2,140	11.0	11	370	S.C.....	1,300	3.4	2,070	5.8	6	280
Iowa.....	750	2.1	1,220	3.5	3	220	S.D.....	910	.6	800	.6	(z)	300
Kans.....	1,700	3.8	2,580	5.8	1	4,100	Tenn.....	1,600	6.4	1,820	7.6	7	270
Ky.....	1,400	4.5	860	2.9	3	180	Tex.....	2,400	27.0	2,340	29.0	18	13,000
La.....	2,500	9.1	3,090	12.0	10	3,200	Utah.....	4,000	4.2	3,400	4.1	3	2,400
Maine.....	760	.8	1,130	1.2	1	41	Vt.....	250	.1	710	.3	(z)	110
Md.....	1,300	5.2	1,810	7.4	7	110	Wa.....	1,200	5.5	1,500	7.5	7	71
Mass.....	740	4.2	1,500	8.8	6	110	Wash.....	2,100	7.2	2,040	7.2	7	2,500
Mich.....	1,500	13.0	1,640	15.0	14	310	W. Va.....	3,300	5.8	3,440	6.2	6	66
Minn.....	900	3.4	1,020	4.0	3	270	Wis.....	1,400	6.3	680	3.2	3	240
Miss.....	950	2.1	900	2.1	1	530	Wyo.....	17,000	5.8	19,320	7.2	7	2,100
							P. Rico ³	1,100	3.0	1,270	4.2	4	250

Z Less than 500 million. ¹ Based on population as of July 1. ² Evaporated, transpired, or incorporated into products; excludes irrigation conveyance losses by evapotranspiration. ³ Includes Virgin Islands.Source: U.S. Geological Survey, *Estimated Use of Water in the United States in 1970 and 1975*, Circulars 676 and 765.

NO. 350. ESTIMATED DAILY WATER USE: 1940 TO 1975, AND PROJECTIONS TO 2000

[In billions of gallons. 1940-1960 not strictly comparable to later years due to differences in estimation procedures. Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series J 92-103]

YEAR	TOTAL WATER USE ¹		IRRIGATION ²		PUBLIC WATER UTILITIES ³		SELF-SUPPLIED USES					
	Total	Ground	Total	Ground	Total	Ground	Rural domestic ⁴		Industrial and miscellaneous ⁵		Steam electric utilities ¹	
							Total	Ground	Total	Ground	Total	Ground
1940.....	136.43	22.56	71.03	11.22	10.10	2.82	3.10	2.64	29.00	5.86	23.20	.02
1950.....	202.70	35.19	100.00	19.80	14.10	3.78	4.60	4.09	38.10	7.47	45.90	.05
1960.....	322.90	58.17	135.00	35.24	22.00	5.68	6.00	5.58	61.20	11.57	96.70	.10
1965.....	269.62	48.57	110.85	30.04	23.74	5.96	4.08	3.86	46.41	8.63	84.54	.08
1970.....	372.18	68.71	127.12	45.27	27.34	9.42	4.46	3.55	47.41	9.04	165.85	1.43
1975.....	337.55	82.14	158.23	56.30	26.36	10.70	3.98	3.90	60.08	9.77	88.90	1.47
1985.....	329.35	80.14	165.76	54.93	29.63	10.44	4.52	3.81	34.58	9.53	94.86	1.43
2000.....	306.03	74.47	153.54	51.04	34.17	9.70	4.91	3.54	33.36	8.86	80.05	1.33

¹ Beginning 1975, decline in water use reflects the increasing use of recycled treated effluents and cooling water by industrial water users and steam electric utilities. ² Total take, including delivery losses but not including reservoir evaporation.

³ Includes domestic central and commercial water withdrawals. ⁴ Rural farm and nonfarm household and garden use, and water for farm stock and dairies. ⁵ For 1940-1960, includes manufacturing and mineral industries, rural commercial industries, air conditioning, resorts, hotels, motels, military and other State and Federal agencies, and miscellaneous; thereafter, includes manufacturing, mining and mineral processing, ordnance, construction, and miscellaneous.

Source: U.S. Bureau of Domestic Business Development, 1940-1960 based principally on committee prints, *Water Resources Activities in the United States*, for the Senate Committee on National Water Resources, U.S. Senate, 1960; 1965, *National Assessment of the Water Resources Council*, 1966; 1970, U.S. Geological Survey Circular 676, *Estimated Use of Water in the United States in 1970*; thereafter, U.S. Geological Survey, *Estimated Use of Water in the United States in 1975*, Geological Survey Circular 765.

NO. 351. EXPENDITURES FOR POLLUTION ABATEMENT AND CONTROL IN CURRENT AND CONSTANT (1972) DOLLARS, 1972 TO 1979, AND BY MEDIA, 1979

[In millions of dollars, except percent. Excludes agricultural production of crops and livestock except feedlots]

TYPE	1972	1973	1974	1975	1976	1977	1978	1979, prel.			
								Total ¹	Air	Water	Solid waste
CURRENT DOLLARS											
Total expenditures	18,220	21,865	26,258	30,990	34,585	37,610	42,495	48,495	20,017	21,278	7,637
Percent Government of total	29.9	28.4	28.4	28.1	27.9	26.7	28.1	26.7	3.7	43.2	30.4
Pollution abatement	17,031	20,472	24,675	29,233	32,594	35,284	39,894	45,683	18,795	20,600	7,473
Personal consumption	1,536	2,065	2,667	3,463	3,994	4,311	4,649	5,475	5,475	-	-
Durable goods	476	670	690	1,361	1,821	2,166	2,412	2,741	2,741	-	-
Nondurable goods and services	1,060	1,395	1,977	2,102	2,173	2,145	2,237	2,734	2,734	-	-
Business	10,722	13,029	15,519	18,197	20,249	22,393	24,923	28,996	12,980	11,965	5,284
On capital account	5,451	6,769	7,470	8,875	9,505	10,010	10,710	11,796	5,892	5,151	752
On current account	5,271	6,260	8,049	9,322	10,744	12,383	14,212	17,200	7,088	6,814	4,532
Government	4,774	5,378	6,489	7,573	8,351	8,580	10,323	11,212	340	8,635	2,189
Federal	139	203	294	432	472	491	461	538	102	345	50
State and local	1,311	1,433	1,592	1,752	1,834	1,963	2,202	2,372	-	226	2,140
Govt. enterprise fixed capital	3,324	3,742	4,603	5,389	6,045	6,126	7,660	8,302	238	8,064	-
Regulation and monitoring ²	367	490	595	653	725	833	945	1,066	289	412	104
Federal	200	278	346	381	402	429	507	604	101	238	37
Research and development ²	823	903	988	1,104	1,266	1,494	1,657	1,748	933	266	60
Private	519	569	608	609	693	865	987	1,088	814	118	31
Federal	205	269	342	448	528	578	611	592	112	129	25
CONSTANT (1972) DOLLARS											
Total expenditures	18,220	20,530	21,113	22,941	24,187	24,503	25,771	26,112	10,198	11,510	4,511
Pollution abatement	17,031	19,224	19,755	21,570	22,733	22,917	24,126	24,433	9,485	11,101	4,413
Personal consumption	1,536	1,965	2,116	2,589	2,857	2,945	2,990	2,990	2,990	-	-
Business	10,722	12,254	12,191	12,978	13,653	13,996	14,555	15,019	6,315	6,195	3,101
Government	4,774	5,005	5,448	6,003	6,224	5,976	6,581	6,424	180	4,905	1,312
Regulation and monitoring	367	458	518	524	543	585	616	648	174	250	62
Research and development	823	849	840	847	911	1,002	1,029	1,032	539	159	36

- Represents zero. ¹ For some types of expenditures, some data by type of media may be greater than total because total includes costs recovered. ² Includes State and local governments, not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, March 1981.

NO. 352. AIR AND WATER POLLUTION ABATEMENT AND CONTROL EXPENDITURES IN CONSTANT (1972) DOLLARS: 1972 TO 1979

[In millions of dollars. See headnote, table 351]

YEAR	AIR							WATER				
	Total	Mobile sources ¹			Stationary sources			Total	Industrial		Public sewer systems ²	
		Total	Cars	Trucks	Total ²	Industrial			Facilities	Operation of facilities	Facilities	Operation of facilities
						Facilities	Operation of facilities					
1972.....	5,843	2,196	1,936	260	3,646	2,307	1,177	7,563	1,358	809	4,022	1,375
1973.....	7,078	2,869	2,501	368	4,209	2,804	1,257	8,344	1,638	933	4,251	1,523
1974.....	7,304	3,315	2,751	564	3,988	2,737	1,099	8,614	1,610	936	4,497	1,572
1975.....	8,493	4,119	3,362	757	4,375	2,940	1,275	9,359	1,946	969	4,770	1,673
1976.....	8,872	4,579	3,610	970	4,293	2,656	1,432	9,994	2,151	1,106	4,986	1,751
1977.....	8,950	4,820	3,711	1,109	4,130	2,432	1,478	9,893	2,025	1,185	4,821	1,861
1978.....	9,210	5,033	3,756	1,277	4,177	2,355	1,618	10,688	1,919	1,297	5,495	1,976
1979.....	9,485	5,127	3,717	1,411	4,358	2,425	1,714	10,516	1,760	1,355	5,334	2,068

¹ Excludes expenditures to reduce emissions from sources other than cars and trucks. ² Includes other expenditures not shown separately. ³ Includes expenditures for private connectors to sewer systems, by owner's of animal feedlots, and by government enterprises.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, March 1981.

NO. 353. FEDERAL OUTLAYS FOR THE ENVIRONMENT, BY ACTIVITY: 1973 TO 1981

[In millions of dollars, except percent. Through 1976, for years ending June 30; thereafter, for years ending Sept. 30]

ACTIVITY	1973	1974	1975	1976	1977	1978	1979	1980	1981 ¹
Total.....	3,701	4,909	5,995	7,481	9,212	10,777	11,982	12,757	12,855
Annual percent change.....	28.9	32.6	22.1	24.8	23.1	17.0	11.2	6.5	.8
Pollution abatement and control.....	1,925	2,974	3,571	4,536	5,829	5,934	6,945	7,632	7,723
Percent Environmental Protection Agency.....	57.8	68.3	70.8	93.2	74.9	68.6	69.1	73.4	71.8
Aid to State and local governments.....	908	1,867	2,189	2,769	3,967	3,972	4,769	5,177	5,028
Research and development.....	489	414	570	683	786	836	795	782	869
Standard setting and enforcement.....	³ 215	304	369	394	426	524	537	791	917
Reduction of pollution from Federal facilities.....	174	301	334	478	457	431	550	471	510
Other.....	139	88	109	211	192	171	294	411	399
Protection and enhancement.....	820	870	1,128	1,294	1,498	2,688	2,614	2,749	2,651
Aid to State and local governments ⁴	248	333	403	392	426	847	856	891	877
City recreation.....	69	93	110	98	205	425	338	335	345
Noncity general recreation.....	84	121	151	142	145	158	196	128	130
Historic preservation and rehabilitation.....	9	11	11	14	47	39	45	84	92
Direct Federal activities ⁴	571	537	725	902	1,073	1,841	1,758	1,858	1,774
Noncity general recreation.....	172	128	189	264	325	372	449	468	488
Preservation and protection ⁵	195	151	184	245	303	647	387	434	397
City recreation.....	46	108	145	139	113	132	196	212	204
Historic preservation and rehabilitation.....	53	41	60	39	73	63	133	112	111
Understanding, describing, and predicting ⁴	956	1,065	1,296	1,651	1,885	2,155	2,423	2,376	2,481
Observation and prediction ⁶	452	484	595	661	709	744	757	854	913
Locate and describe natural resources.....	250	260	351	423	490	688	861	650	665
Research on environmental impact on people.....	66	96	57	227	261	266	303	337	351
Ecological and other basic environmental research.....	66	89	125	169	206	242	266	228	237
Physical environmental surveys.....	103	115	146	155	199	197	214	281	292

¹ Estimated. Based on January budget estimates. See table 416, footnote 7. ² Change from 1972. ³ Includes funds for planning, monitoring and surveillance, and technical assistance. ⁴ Includes activities not shown separately. ⁵ Unique natural areas and endangered species. ⁶ Includes weather, ocean conditions, and earthquakes and other disturbances.

NO. 354. FEDERAL OBLIGATIONS FOR POLLUTION ABATEMENT AND CONTROL: 1970 TO 1981

[In millions of dollars. For 1970 and 1975, year ending June 30; thereafter, for years ending Sept. 30. Obligations refer to liabilities, contracts, and other commitments entered into requiring payment of money by the Government]

MEDIA	1970	1975	1979	1980	1981 ¹	SELECTED POLLUTANTS ²	1970	1975	1979	1980	1981 ¹
Total.....	1,071	6,103	7,820	8,195	7,633	Toxics.....	(x)	(x)	264	487	538
Water.....	677	5,179	6,051	6,192	5,419	Solid wastes.....	20	174	236	356	400
Air.....	189	348	506	537	564	Radiation.....	116	160	170	209	221
Land.....	35	57	115	117	154	Pesticides.....	30	59	121	127	136
Other.....	169	519	1,148	1,349	1,496	Noise.....	36	50	83	92	98

X Not applicable. ¹ Estimated. Based on January budget estimates. See table 416, footnote 7. ² Funds for selected pollutants are included in media breakdown.

Source of tables 353 and 354: U.S. Office of Management and Budget, *Special Analysis, Budget of the United States Government*, annual, and unpublished data.

No. 355. GOVERNMENTAL EXPENDITURES FOR WATER, LAND, AND AIR QUALITY CONTROL ACTIVITIES: 1976 TO 1979

[In millions of dollars. For fiscal years ending in year stated. Covers regulatory, administrative, operational, and other activities directly related to the prevention, control, and abatement of water, land, and air pollution]

LEVEL OF GOVERNMENT	WATER QUALITY CONTROL				LAND QUALITY CONTROL ¹				AIR QUALITY CONTROL			
	1976	1977	1978	1979	1976	1977	1978	1979	1976	1977	1978	1979
Federal expenditures	3,139	4,318	4,413	4,829	98	125	132	163	242	256	323	353
Direct	456	467	490	557	94	118	116	120	189	200	263	263
Intergovernmental	2,682	3,851	3,923	4,272	4	7	16	43	53	56	60	90
State expenditures	939	862	818	986	108	134	148	188	157	189	185	166
Direct	326	381	406	439	87	120	128	164	148	178	171	152
Intergovernmental	613	481	412	547	21	14	20	24	10	11	14	14
Local expenditures ²	6,008	6,466	6,834	8,498	2,321	2,337	2,780	3,014	39	32	35	35
Current operation	1,988	2,316	2,643	3,078	2,086	2,104	2,501	2,668	38	31	34	33
Capital outlay	4,020	4,150	4,191	5,420	235	233	279	346	1	1	1	1

¹ Includes collection, disposal, and recycling of trash, garbage, and other solid or hazardous waste, street cleaning, State government highway litter program, licensing and inspection, enforcement, etc. See footnote 2. ² Direct expenditures. Water quality control represents sewerage; land quality control, "sanitation other than sewerage" activities; and air quality control, expenditures only for cities with at least 300,000 population and counties with at least 500,000 population.

Source: U.S. Bureau of the Census, *Environmental Quality Control, Governmental Finances: Fiscal Year 1974-75* (GSS No. 83), *Fiscal Year 1975-76* (GSS No. 86), *Fiscal Year 1976-77* (GSS No. 90), *Fiscal Year 1977-78* (GSS No. 97), and *Fiscal Year 1978-79* (GSS No. 101).

No. 356. NEW CAPITAL BUSINESS EXPENDITURES FOR POLLUTION ABATEMENT: 1975 TO 1980

INDUSTRY	POLLUTION ABATEMENT EXPENDITURES (bil. dol.)							PERCENT OF TOTAL CAPITAL OUTLAYS BY BUSINESS ¹				
	1975	1978	1979	1980				1975	1978	1979	1980	
				Total	Air	Water	Solid waste				Total	Air
Total nonfarm business	6.97	7.58	8.42	9.20	5.07	3.28	.85	4.4	3.3	3.1	3.1	1.7
Manufacturing	4.93	4.44	4.82	5.52	2.88	2.09	.55	9.0	5.6	4.9	4.8	2.5
Durable goods ²	1.90	1.74	2.00	2.27	1.42	.69	.15	7.2	4.3	3.9	3.8	2.4
Primary metals	1.02	.79	.92	.98	.67	.26	.04	17.5	13.8	13.6	12.7	8.8
Electrical machinery	.09	.10	.11	.16	.07	.06	.02	2.8	1.7	1.5	1.6	.7
Machinery, exc. electrical	.09	.13	.14	.15	.07	.07	.01	1.8	1.9	1.3	1.3	.6
Transportation equipment	.16	.28	.41	.52	.31	.17	.04	2.7	2.3	2.7	2.9	1.7
Stone, clay, and glass	.22	.23	.21	.25	.21	.03	.01	13.3	7.5	5.4	6.6	5.5
Nondurable goods ²	3.03	2.70	2.82	3.25	1.46	1.40	.40	10.6	6.9	5.9	5.7	2.6
Food, incl. beverages	.29	.34	.27	.27	.08	.18	.02	7.2	5.6	4.0	3.7	1.0
Textiles	.05	.04	.06	.07	.05	.02	(2)	5.9	2.9	3.7	4.6	3.0
Paper	.50	.29	.40	.39	.16	.16	.07	16.7	7.2	7.3	5.8	2.3
Chemicals	.82	.73	.63	.73	.32	.32	.10	10.8	8.7	5.8	5.8	2.6
Petroleum	1.27	1.20	1.98	1.71	.83	.69	.19	13.2	8.6	8.5	8.3	4.0
Rubber	.05	.07	.05	.03	.02	.01	.01	4.2	3.1	2.4	1.9	.9
Nonmanufacturing	2.04	3.14	3.60	3.69	2.19	1.20	.30	2.0	2.1	2.1	2.1	1.2
Mining	.14	.42	.51	.48	.17	.22	.10	2.3	4.1	4.5	3.6	1.3
Transportation	.11	.11	.10	.11	.05	.06	.01	1.2	1.0	.8	.9	.4
Railroad	.04	.04	.03	.04	.01	.03	(2)	1.3	1.2	.8	.9	.2
Other transportation	.07	.07	.06	.08	.03	.03	.01	1.9	1.7	1.6	1.9	.9
Public utilities	1.51	2.39	2.75	2.68	1.86	.88	.15	7.5	8.0	8.1	8.1	5.2
Communication and other	.29	.23	.23	.21	.12	.05	.04	.9	.4	.3	.3	.2

Z Less than 5 million. ¹ Based on outlays reported in source; see also table 929. ² Includes industries not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1981.

No. 357. NATIONAL AMBIENT AIR POLLUTANT CONCENTRATIONS: 1972 TO 1979

[Data represent annual composite averages of pollutant based on daily 24-hour averages of monitoring stations. $\mu\text{g}/\text{M}^3$ = micrograms of pollutant per cubic meter of air; mg/M^3 = milligrams of pollutant per cubic meter of air]

POLLUTANT	Monitoring stations, number	1972	1973	1974	1975	1976	1977	1978	1979
Carbon monoxide (mg/M^3)	221	3.4	3.4	3.1	3.0	2.7	2.5	2.4	2.2
Photochemical oxidants ¹ ($\mu\text{g}/\text{M}^3$)	230	(NA)	(NA)	123.5	123.5	123.5	123.5	125.4	123.5
Sulfur dioxide ($\mu\text{g}/\text{M}^3$)	188	(NA)	(NA)	38.4	36.7	37.1	33.2	31.5	32.6
Total suspended particulates ($\mu\text{g}/\text{M}^3$)	3,047	64.0	63.2	60.9	59.1	60.1	59.3	58.3	58.5
Nitrogen dioxide ($\mu\text{g}/\text{M}^3$)	180	(NA)	(NA)	56.1	55.4	57.6	59.5	63.7	63.4

NA Not available. ¹ Ozone.

Source: U.S. Environmental Protection Agency, *Appendix A—Statistical Analysis for the Major Pollutants*.

No. 358. AIR POLLUTANTS—NATIONAL EMISSION ESTIMATES: 1970 TO 1979

[In millions of short tons]

POLLUTANT	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Particulates ¹	23.1	21.2	18.7	17.4	15.4	12.8	11.7	10.9	10.7	10.5
Sulfur oxides.....	31.2	29.6	30.2	31.4	29.4	27.8	28.5	28.0	26.8	27.0
Nitrogen oxides.....	21.0	21.6	22.8	23.4	22.9	22.3	24.0	24.7	25.0	24.9
Hydrocarbons.....	30.5	29.8	30.2	29.5	28.1	25.8	26.9	26.9	28.0	27.1
Carbon monoxide.....	124.4	124.1	122.0	119.1	112.6	108.0	109.5	106.2	104.6	100.7

¹ Suspended particulate matter: Particles of smoke, dust, and fumes and droplets of viscous liquid remaining in the air for varying periods of time and ranging from less than 1 micron (1/25,000 inch) to 100 microns.

No. 359. AIR POLLUTANT EMISSIONS, BY SOURCE: 1970 AND 1979

YEAR AND POLLUTANT	Total emissions (mil. sh. tons)	CONTROLLABLE EMISSIONS (mil. sh. tons)						Misc. uncontrollable (mil. sh. tons)	PERCENT OF TOTAL		
		Transportation		Fuel combustion ¹		Industrial processes	Solid waste disposal		Transportation	Fuel combustion ¹	Industrial
		Total	Road vehicles	Total	Electric utilities						
1970: Carbon monoxide	124.4	97.7	87.1	2.0	.2	9.9	7.1	7.7	78.5	1.6	8.0
Sulfur oxides	31.2	.8	.3	23.3	17.2	7.1	—	.1	2.6	74.7	22.8
Hydrocarbons	30.5	13.3	11.7	.3	.1	11.4	2.0	3.5	43.6	1.0	37.4
Particulates ²	23.1	1.4	1.0	8.0	4.5	11.2	1.2	1.2	6.1	34.6	48.5
Nitrogen oxides	21.0	7.9	5.7	11.5	5.6	.9	.4	.3	37.6	54.8	4.3
1979: Carbon monoxide	100.7	82.1	72.6	2.1	.3	6.9	2.8	6.8	81.5	2.1	6.9
Sulfur oxides	27.0	1.1	.4	21.6	17.6	4.5	—	—	4.1	80.0	16.7
Hydrocarbons	27.1	9.7	7.9	.2	.1	13.7	.9	2.6	35.8	.7	50.6
Particulates ²	10.5	1.5	1.2	2.8	1.7	4.7	.4	1.0	14.3	26.7	44.8
Nitrogen oxides	24.9	10.1	7.4	13.6	8.3	.9	.1	.2	40.6	54.6	3.6

— Represents zero. ¹ Stationary. ² See footnote 1, table 358.

Source of tables 358 and 359: U.S. Environmental Protection Agency, *National Air Pollutant Emission Estimates 1970-79*.

No. 360. AIR QUALITY—DAYS BY LEVEL OF PSI FOR SELECTED SMSA'S: 1976 TO 1978

[PSI is a highly summarized health-related index based on the following criteria pollutants—carbon monoxide (CO), sulfur dioxide (SO₂), total suspended particulates (TSP), photochemical oxidants or ozone (O₃), and nitrogen dioxide (NO₂). The PSI for one day will rise above 100 when any one of the 5 criteria pollutants (at only one station in an SMSA) reaches a level judged to have adverse short-term effects on human health. Depending on the pollutant, the time to exceed the standard varies from 1 to 24 hours. The health effect labels for PSI intervals are good or moderate for 0-100; unhealthy for 100-200; very unhealthy for 200-300; and hazardous for more than 300. For SMSA explanation, see Appendix III]

STANDARD METROPOLITAN STATISTICAL AREA	NUMBER OF DAYS ACCORDING TO POLLUTANT STANDARDS INDEX (PSI)											
	1976				1977				1978			
	0-100	100-200	200-300	More than 300	0-100	100-200	200-300	More than 300	0-100	100-200	200-300	More than 300
Average, 24 SMSA's.....	276.3	62.5	26.8	.5	284.2	61.9	18.8	.2	289.5	58.5	14.6	.5
Los Angeles, Calif.....	98	126	142	—	112	136	117	—	159	111	95	—
New York, N.Y.....	98	38	225	4	92	186	86	1	191	160	14	—
Denver, Colo.....	184	149	33	—	222	122	20	1	192	133	39	1
Chicago, Ill.....	285	67	13	1	223	123	18	1	215	119	28	3
Riverside-San Bernardino-Ontario, Calif.....	192	68	88	—	183	74	108	—	220	77	67	1
St. Louis, Mo.-Ill.....	225	108	27	6	262	90	13	—	246	94	18	7
Louisville, Ky.-Ind.....	206	146	14	—	262	90	13	1	271	86	8	—
Houston, Tex.....	302	52	12	—	315	39	11	—	271	70	24	—
Philadelphia, Pa.-N.J.....	279	80	7	—	286	69	10	—	284	71	10	—
Portland, Ore.-Wash.....	296	67	3	—	284	76	5	—	290	73	2	—
Salt Lake City, Utah.....	256	85	25	—	304	52	9	—	294	51	20	—
Washington, D.C.-Md.-Va.....	219	132	15	—	291	67	7	—	295	67	3	—
Seattle-Everett, Wash.....	276	85	5	—	270	91	4	—	303	60	2	—
Kansas City, Mo.-Kans.....	359	6	1	—	340	17	8	—	309	13	—	—
San Diego, Calif.....	292	65	9	—	320	41	4	—	327	32	6	—
Memphis, Tenn.-Ark.-Miss.....	342	24	—	—	343	19	2	1	328	34	3	—
Milwaukee, Wis.....	334	24	8	—	332	26	7	—	331	31	3	—
Cincinnati, Ohio-Ky.-Ind.....	325	40	1	—	302	59	4	—	335	29	1	—
Sacramento, Calif.....	328	35	3	—	346	19	—	—	338	25	2	—
Buffalo, N.Y.....	335	23	8	—	325	37	3	—	342	20	3	—
San Francisco, Calif.....	321	44	1	—	341	24	—	—	343	21	1	—
Syracuse, N.Y.....	359	5	2	—	358	5	2	—	353	12	—	—
Tampa-St. Petersburg, Fla.....	361	5	—	—	346	19	—	—	353	10	2	—
Rochester, N.Y.....	358	8	—	—	361	4	—	—	359	6	—	—

— Represents zero.

Source: U.S. Council on Environmental Quality, *Environmental Quality*, 1979.

No. 361. NATIONAL AMBIENT WATER QUALITY IN RIVERS AND STREAMS—VIOLATION RATE: 1975 TO 1979

[In percent. Violation level based on U.S. Environmental Protection Agency water quality criteria. Violation rate represents the proportion of all measurements of a specific water quality pollutant which exceeds the "violation level" for that pollutant. "Violation" does not necessarily imply a legal violation. Data based on U.S. Geological Survey's National Stream Quality Accounting Network (NASQAN) data system; for details, see source. Years refer to water years. A water year begins in Oct. and ends in Sept. μg =micrograms. For metric conversions, see p. xii]

POLLUTANT	VIOLATION LEVEL	1975	1976	1977	1978	1979
Fecal coliform bacteria	Above 200 cells per 100 ml	36	32	34	35	35
Dissolved oxygen	Below 5.0 mg per liter	5	6	11	5	4
Phosphorus	Above .1 mg per liter	47	47	48	48	47
Lead	Above 50 μg per liter	¹ 42	¹ 38	¹ 41	¹ 27	¹ 27
Mercury	Above 2.0 μg per liter	¹ 61	¹ 63	¹ 45	¹ 60	¹ 61

¹ Value shown may be higher than the true violation level because of the detection limits of measuring equipment. Source: U.S. Council on Environmental Quality, *Environmental Quality*, 1980.

No. 362. POPULATION SERVED BY SEWER SYSTEMS, BY DEGREE OF TREATMENT: 1960 TO 1978

ITEM	Unit	1960 ¹	1970 ¹	1978	ITEM	Unit	1960 ¹	1970 ¹	1978
U.S. population	Million	180	203	220	Degree of treatment:				
Not served by sewers	Million	70	58	66	Primary	Million	36	(NA)	{ 21 26
Percent of population	Percent	39	29	30	Advanced primary	Million			
Served by sewers	Million	110	145	154	Secondary	Million	4	(NA)	{ 56 31 18
Not treated	Million	70	59	2	Advanced secondary	Million			
Treated	Million	40	86	152	Tertiary	Million			

NA Not available. ¹ Data for 1960 and 1970 not strictly comparable with 1978.

Source: 1960 and 1970, U.S. Dept. of Commerce, "Market for Water and Waste Water Treatment Equipment," *Journal, Water Pollution Control Federation*, April 1979; 1978, U.S. Environmental Protection Agency, *1978 Needs Survey, Conveyance and Treatment of Municipal Wastewater, Summaries of Technical Data*, 1979.

No. 363. POLLUTING DISCHARGES REPORTED IN U.S. WATERS: 1972 TO 1979

ITEM	Incidents	Gallons (1,000)	ITEM	Incidents	Gallons (1,000)	ITEM	Incidents	Gallons (1,000)
1972, discharges	9,931	18,806	1979—Con.			1979—Con.		
1973, discharges	13,328	24,315	Nontransport facilities	2,232	3,572	Type of pollutant:		
1974, discharges	13,966	16,916	Onshore facilities	686	853	Crude oil	2,127	4,027
1975, discharges	12,057	14,967	Offshore	676	94	Diesel oil	2,607	1,690
1976, discharges	12,655	33,852	Other	870	2,625	Other oil	6,256	4,784
1977, discharges	12,844	19,900	Pipeline	611	3,303	Other or unknown	2,144	3,161
1978, discharges	14,495	17,257	Marine facilities	667	603	Location:		
1979, discharges	13,134	13,661	Onshore/offshore	505	549	Atlantic Coast	3,308	1,803
Vessel	3,836	4,251	Land vehicles	501	570	Gulf Coast	4,198	3,116
Tankship	731	2,632	Land facilities	215	272	Pacific Coast	2,010	3,284
Tank barge	991	1,240	Other or unknown	5,072	1,091	Great Lakes	807	296
Other	2,114	379				Inland	2,811	5,163

Source: U.S. Coast Guard, *Polluting Incidents in and Around U.S. Waters*, 1979.

No. 364. SOLID WASTE GENERATION, RECOVERY, AND DISPOSAL: 1960 TO 1978

[In millions of tons, except as indicated. Covers post-consumer residential and commercial solid wastes which comprise the major portion of typical municipal collections. Excludes mining, agricultural and industrial processing, demolition and construction wastes, sewage sludge, and junked autos and obsolete equipment wastes. Based on material-flows estimating procedure and wet weight as generated. NA Not available.]

ITEM AND MATERIAL	1960	1965	1970	1974	1975	1976	1977	1978
Gross waste generated	86.9	104.8	131.1	143.1	135.6	143.2	147.6	150.4
Per person per day (lb.)	2.64	2.96	3.50	3.70	3.48	3.65	3.70	3.77
Net waste disposed of	80.8	98.4	123.4	132.6	126.7	132.5	134.9	138.0
Per person per day (lb.)	2.46	2.78	3.29	3.43	3.25	3.38	3.41	3.46
Resources recovered	6.1	6.4	7.7	10.5	8.9	10.7	11.7	12.4
Per person per day (lb.)	.18	.18	.21	.27	.23	.27	.30	.31
Percent of gross discards:								
Paper	18.8	15.8	16.0	16.3	15.5	16.1	19.8	20.1
Glass	1.4	1.2	1.3	2.5	2.7	2.7	3.4	3.3
Metal	.5	1.0	1.2	3.4	4.4	4.5	2.5	2.5
Aluminum	(NA)	(NA)	1.3	5.0	8.7	9.2	7.1	13.3
Rubber	5.7	12.5	8.2	6.1	6.9	3.9	3.4	3.3

Source: U.S. Environmental Protection Agency, unpublished data from Franklin Associates, Ltd., Prairie Village, Kans.

NO. 365. SYNTHETIC ORGANIC PESTICIDES—PRODUCTION AND SALES: 1960 TO 1979

[Includes a small quantity of soil conditioners. Minus sign (–) denotes decrease]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979
Production, total	Mil. lb	648	877	1,034	1,603	1,364	1,388	1,416	1,429
Herbicides	Mil. lb	102	263	404	788	656	674	664	657
Insecticides	Mil. lb	366	490	490	660	566	570	605	617
Fungicides	Mil. lb	179	124	140	155	142	143	147	155
Production value ¹	Mil. dol	307	577	1,058	2,900	2,880	3,116	3,342	3,685
Sales, total	Mil. lb	570	764	881	1,317	1,193	1,263	1,300	1,369
Sales value ¹	Mil. dol	262	497	870	2,359	2,410	2,808	3,041	3,631

NA Not available. ¹ Manufacturers unit value multiplied by production.Source: U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service, *The Pesticide Review*, 1979. Based on data from U.S. International Trade Commission, *Synthetic Organic Chemicals*, annual.

NO. 366. PESTICIDE RESIDUES IN HUMAN TISSUE—CONCENTRATION LEVELS: 1970 TO 1977

[In parts per million (ppm). Data based on a sample of measurements of pesticide residues and associated chemicals found in human tissue by medical pathologists from selected cities in the conterminous 48 states as part of the National Human Adipose Tissue Monitoring Program for Pesticides. NA=Not available.]

PESTICIDE RESIDUES	1970	1971	1972	1973	1974	1975	1976	1977
DDT	7.88	7.95	6.88	5.88	4.99	5.12	4.84	3.59
Dieldrin	.18	.22	.18	.18	.15	.17	.15	.12
Oxychlorodane	(NA)	(NA)	.11	.12	.12	.14	.14	.13
Heptachlor epoxide	.09	.09	.08	.09	.08	.11	.11	.10

Source: 1970–1974, Kutz, R. W., S. C. Strassman, and A. R. Yobs, "Survey of Pesticide Residue and Their Metabolites in Humans," *Pesticide Management and Insecticide Resistance*; 1975–1977 U.S. Environmental Protection Agency, unpublished data.

NO. 367. THREATENED AND ENDANGERED WILDLIFE SPECIES—NUMBER: 1981

[As of Jan. 31. Endangered species: One in danger of becoming extinct throughout all or a significant part of its natural range. Threatened species: One likely to become endangered in the foreseeable future]

ITEM	Mam- mals	Birds	Rep- tiles	Amphib- ians	Fishes	Snails	Clams	Crusta- ceans	Insects	Plants
Endangered species, total	256	210	68	13	44	3	25	1	7	50
U.S. only	15	52	7	5	29	2	23	1	7	48
U.S. and foreign	17	14	6	–	4	–	–	–	–	2
Foreign only ¹	224	144	55	8	11	1	2	–	–	–
Threatened species, total	24	3	12	3	12	5	–	–	6	10
U.S. only	3	3	8	3	12	5	–	–	4	7
U.S. and foreign	–	–	4	–	–	–	–	–	2	1
Foreign only ¹	21	–	–	–	–	–	–	–	–	2

– Represents zero. ¹ Species outside U.S. and outlying areas as determined by Fish and Wildlife Service.Source: U.S. Fish and Wildlife Service, *Endangered Species Technical Bulletin*, Feb. 1981, vol. VI, No. 2.

NO. 368. TORNADOES, FLOODS, AND TROPICAL CYCLONES: 1946 TO 1979

[See also *Historical Statistics, Colonial Times to 1970*, series J 268–278]

ITEM	1946– 1955	1956– 1965	1966– 1975	1972	1973	1974	1975	1976	1977	1978	1979
Tornadoes, number ¹	2,969	6,572	8,030	741	1,102	947	920	835	852	788	852
Lives lost, total	1,751	924	1,172	27	87	361	60	44	43	53	84
Most in a single tornado	169	44	58	6	7	34	9	5	22	16	42
Property loss of \$500,000 and over	130	191	428	29	76	107	42	46	46	59	73
Floods: Lives lost	808	557	1,528	540	105	121	114	187	212	120	100
Property loss (mil. dol.)	3,350	2,721	10,225	3,449	859	576	1,051	1,000	1,393	1,000	4,000
North Atlantic tropical cyclones and hurri- cane: ²											
Number reaching U.S. coast	40	33	25	3	1	1	1	2	1	2	5
Hurricanes only	21	14	13	1	–	1	1	1	1	–	3
Lives lost in U.S.	495	692	504	121	5	1	21	9	–	35	11

– Represents zero. ¹ A violent, rotating column of air descending from a cumulonimbus cloud in the form of a tubular- or funnel-shaped cloud, characterized usually by movements along a narrow path and wind speeds from 100 to over 300 miles per hour. Also known as a "twister" or "waterspout." ² Tropical cyclones have maximum winds of 39 to 73 miles per hour; hurricanes have maximum winds of 74 miles per hour or higher.Source: U.S. National Oceanic and Atmospheric Administration, *Climatological Data: National Summary*. Monthly with annual summary.

NO. 369. NORMAL DAILY MEAN TEMPERATURE—SELECTED CITIES

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1941 through 1970. See *Historical Statistics, Colonial Times to 1970*, series J 110-136 and J 164-267, for related data]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala.	Mobile	51.2	54.0	59.4	67.9	74.8	80.3	81.6	81.5	77.5	68.9	58.5	52.9	67.4
Alaska	Juneau	23.5	28.0	31.9	38.9	46.8	53.2	55.7	54.3	49.2	41.8	32.5	27.3	40.3
Ariz.	Phoenix	51.2	55.1	59.7	67.7	76.3	84.6	91.2	89.1	83.8	72.2	59.8	52.5	70.3
Ark.	Little Rock	39.5	42.9	50.3	61.7	69.8	78.1	81.4	80.6	73.3	62.4	50.3	41.6	61.0
Calif.	Los Angeles	54.5	55.6	56.5	58.8	61.9	64.5	68.5	69.5	68.7	65.2	60.5	56.9	61.7
	Sacramento	45.1	49.8	53.0	58.3	64.3	70.5	75.2	74.1	71.5	63.3	53.0	45.8	60.3
	San Francisco	48.3	51.2	53.0	55.3	58.3	61.6	62.5	63.0	64.1	61.0	55.3	49.7	56.9
Colo.	Denver	29.9	32.8	37.0	47.5	57.0	66.0	73.0	71.6	62.8	52.0	39.4	32.6	50.1
Conn.	Hartford	24.8	26.8	35.6	47.7	58.3	67.8	72.7	70.4	62.8	52.6	41.3	28.2	49.1
Del.	Wilmington	32.0	33.6	41.6	52.3	62.4	71.4	75.8	74.1	67.9	57.2	45.7	34.7	54.0
D.C.	Washington	35.6	37.3	45.1	56.4	66.2	74.6	78.7	77.1	70.6	59.8	48.0	37.4	57.3
Fla.	Jacksonville	54.6	56.3	61.2	68.1	74.3	79.2	81.0	81.0	78.2	70.5	61.2	55.4	68.4
	Miami	67.2	67.8	71.3	75.0	78.0	81.0	82.3	82.9	81.7	77.8	72.2	68.3	75.5
Ga.	Atlanta	42.4	45.0	51.1	61.1	69.1	75.6	78.0	77.5	72.3	62.4	51.4	43.5	60.8
Hawaii	Honolulu	72.3	72.3	73.0	74.8	76.9	78.9	80.1	80.7	80.4	78.9	76.5	73.7	76.6
Idaho	Boise	29.0	35.5	41.1	49.0	57.4	64.8	74.5	72.2	63.1	52.1	39.1	32.1	50.9
Ill.	Chicago	22.9	26.1	35.7	48.8	58.4	68.1	71.9	71.1	63.7	53.8	39.2	27.1	48.9
	Peoria	23.8	27.7	37.3	51.3	61.5	71.3	75.1	73.5	65.5	55.0	39.9	28.0	58.0
Ind.	Indianapolis	27.9	30.7	39.7	52.3	62.2	71.7	75.0	73.2	66.3	55.7	41.7	30.9	52.3
Iowa	Des Moines	19.4	24.2	33.9	49.5	60.9	70.5	75.1	73.3	64.3	54.3	37.8	25.0	49.0
Kans.	Wichita	31.3	36.3	43.6	56.6	66.1	75.8	80.7	79.7	70.6	59.6	44.8	34.5	56.6
Ky.	Louisville	33.3	35.8	44.0	55.9	64.8	73.3	76.9	75.9	69.1	58.1	45.0	35.6	55.6
La.	New Orleans	52.9	55.6	60.7	68.6	75.1	80.4	81.9	81.9	78.2	69.8	60.1	54.8	68.3
Maine	Portland	21.5	22.9	31.8	42.7	52.7	62.2	68.0	66.4	58.7	49.1	38.6	25.7	45.0
Mad.	Baltimore	33.4	34.8	42.8	53.8	63.7	72.4	76.6	74.9	68.5	57.4	46.1	35.3	55.0
Mass.	Boston	29.2	30.4	38.1	48.6	58.6	68.0	73.3	71.3	64.5	55.4	45.2	33.0	51.3
Mich.	Detroit	25.5	26.9	35.4	48.1	58.4	69.1	73.3	71.9	64.5	54.3	41.1	29.6	49.9
	Sault Ste. Marie	14.2	15.2	24.0	38.2	49.0	58.7	63.8	63.2	55.3	46.2	32.8	20.1	40.0
Minn.	Duluth	8.5	12.1	23.5	38.6	49.4	59.0	65.6	64.1	54.4	45.3	28.4	14.4	38.6
	Minneapolis-St. Paul	12.2	16.5	28.3	45.1	57.1	66.9	71.9	70.2	60.0	50.0	32.4	18.6	44.1
Miss.	Jackson	47.1	49.8	56.1	65.7	72.7	79.4	81.7	81.2	76.0	65.8	55.3	48.9	65.0
Mo.	Kansas City	27.1	32.3	40.7	54.2	64.1	73.0	77.5	76.5	68.0	57.6	42.3	31.3	53.7
	St. Louis	31.3	35.1	43.3	56.5	65.8	74.9	78.6	77.2	69.6	59.1	45.0	34.6	55.9
Mont.	Great Falls	20.5	26.6	30.5	43.4	53.3	60.8	69.3	67.4	57.3	48.3	34.6	26.5	44.9
Nebr.	Omaha	22.6	28.0	37.1	52.3	63.0	72.2	77.2	75.6	66.3	55.9	40.0	28.0	51.5
Nev.	Reno	31.9	37.1	40.3	46.8	54.6	61.5	69.3	66.9	60.2	50.3	40.1	33.0	49.4
N.H.	Concord	20.6	22.6	32.3	44.2	55.1	64.7	69.7	67.2	59.5	49.3	38.0	24.8	45.6
N.J.	Atlantic City	32.7	33.9	41.1	51.7	61.6	70.3	75.1	73.4	67.1	56.7	46.0	35.1	53.7
N. Mex.	Albuquerque	35.2	40.0	45.8	55.8	65.3	74.6	78.7	76.6	70.1	58.2	44.5	36.2	56.8
N.Y.	Albany	21.5	23.5	33.4	46.9	57.7	67.5	72.0	69.6	61.9	51.4	39.6	25.9	47.6
	Buffalo	23.7	24.4	32.1	44.9	55.1	65.7	70.1	68.4	61.6	51.5	39.8	27.9	47.1
	New York	32.2	32.4	41.1	52.1	62.3	71.6	76.6	74.9	68.4	58.7	47.4	35.5	54.5
N.C.	Charlotte	42.1	44.0	50.6	60.8	68.8	75.9	78.5	77.7	72.0	61.7	51.0	42.5	60.5
	Raleigh	40.5	42.2	49.2	59.5	67.4	74.4	77.5	76.5	70.6	60.2	50.0	41.2	59.1
N. Dak.	Bismarck	8.2	13.5	25.1	43.0	54.4	63.8	70.8	69.2	57.5	46.8	28.9	15.6	41.4
Ohio	Cincinnati	31.1	33.3	41.7	53.9	63.2	72.1	75.6	74.4	67.8	56.8	43.8	33.7	54.0
	Cleveland	26.9	27.9	36.1	48.3	58.3	67.9	71.4	70.0	63.9	53.8	41.6	30.3	49.7
	Columbus	28.4	30.3	39.2	51.2	61.1	70.4	73.6	71.9	65.2	54.2	41.7	30.7	51.5
Okla.	Oklahoma City	36.8	41.3	48.2	60.4	68.3	76.8	81.5	81.1	73.0	62.4	49.2	40.0	59.9
Oreg.	Portland	38.1	42.8	45.7	50.6	56.7	62.0	67.1	66.6	62.2	53.8	45.3	40.7	52.6
Pa.	Philadelphia	32.3	33.9	41.9	52.9	63.2	72.3	76.8	74.8	68.1	57.4	46.2	35.2	54.6
	Pittsburgh	28.1	29.3	38.1	50.2	59.8	68.6	71.9	70.2	63.8	53.2	41.3	30.5	50.4
R.I.	Providence	28.4	29.4	36.9	47.3	56.9	66.4	72.1	70.4	63.4	53.7	43.3	31.5	50.0
S.C.	Columbia	45.4	47.6	54.2	64.1	72.1	78.8	81.2	80.2	74.5	64.2	53.8	46.0	63.5
S. Dak.	Sioux Falls	14.2	19.4	30.0	46.1	57.7	67.6	73.3	71.8	60.9	50.2	33.1	20.0	45.4
Tenn.	Memphis	40.5	43.8	51.0	62.5	70.9	78.6	81.6	80.4	73.6	63.0	50.9	42.7	61.6
	Nashville	38.3	41.0	48.7	60.1	68.5	76.6	79.6	78.5	72.0	60.9	48.4	40.4	59.4
Tex.	Dallas-Fort Worth	44.8	48.7	55.0	65.2	72.5	80.6	84.8	84.9	77.7	67.6	58.8	47.9	65.5
	El Paso	43.6	48.4	54.6	63.9	72.2	80.3	82.3	80.5	74.2	64.0	51.6	44.4	63.4
	Houston	52.1	55.3	60.8	69.4	75.8	81.1	83.3	83.4	79.2	70.9	61.1	54.6	68.9
Utah	Salt Lake City	28.0	33.3	39.6	49.2	58.3	66.2	76.7	74.5	64.8	52.4	39.1	30.3	51.0
Vt.	Burlington	16.8	18.6	29.1	43.0	54.8	65.2	69.8	67.4	59.3	48.8	37.0	22.6	44.4
Va.	Norfolk	40.5	41.4	48.1	57.8	66.7	74.5	78.3	76.9	71.8	61.7	51.6	42.3	59.3
	Richmond	37.5	39.4	46.9	57.8	66.5	74.2	77.9	76.3	70.0	59.3	49.0	39.0	57.8
Wash.	Seattle-Tacoma	38.2	42.3	44.1	48.7	54.9	59.8	64.5	63.8	59.6	52.2	44.6	40.5	51.1
	Spokane	25.4	32.2	37.5	46.1	54.7	61.5	69.7	68.0	59.6	47.8	35.5	29.0	47.3
W. Va.	Charleston	34.3	36.5	44.5	55.9	64.5	72.0	75.0	73.6	67.5	57.0	45.4	36.2	55.2
Wis.	Milwaukee	19.4	22.5	31.4	44.7	54.2	64.5	69.9	69.2	61.1	51.0	36.5	24.2	45.7
Wyo.	Cheyenne	26.6	29.0	31.6	42.7	52.4	61.3	69.1	67.6	58.2	47.9	35.5	29.2	45.9
P.R.	San Juan	75.4	75.3	76.3	77.5	79.2	80.5	80.9	81.3	81.1	80.6	78.7	76.8	78.6

¹ City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81.

NO. 370. NORMAL DAILY MAXIMUM TEMPERATURE—SELECTED CITIES

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1941 through 1970]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala.....	Mobile.....	61.1	64.1	69.5	78.0	85.0	89.8	90.5	90.6	86.5	79.7	69.5	63.0	77.3
Alaska.....	Juneau.....	29.1	33.9	38.2	46.5	55.4	62.0	63.6	62.3	56.1	47.2	37.3	32.0	47.0
Ariz.....	Phoenix.....	64.8	69.3	74.5	83.6	92.9	101.5	104.8	102.2	98.4	87.6	74.7	66.4	85.1
Ark.....	Little Rock.....	50.1	53.8	61.8	73.5	81.4	89.3	92.6	92.6	85.8	76.0	62.4	52.1	72.6
Calif.....	Los Angeles.....	63.5	64.1	64.3	65.9	68.4	70.3	74.8	75.8	75.7	72.9	69.6	66.5	69.2
	Sacramento.....	53.0	59.1	64.1	71.3	78.8	86.4	92.9	91.3	87.7	77.1	63.6	53.3	73.2
	San Francisco.....	55.3	58.6	61.0	63.5	66.6	70.2	70.9	71.6	73.6	70.3	63.3	56.5	65.1
Colo.....	Denver.....	43.5	46.2	50.1	61.0	70.3	80.1	87.4	85.8	77.7	66.8	53.3	46.2	64.0
Conn.....	Hartford.....	33.4	35.7	44.6	58.9	70.3	79.5	84.1	81.9	74.5	64.3	50.6	36.8	59.6
Del.....	Wilmington.....	40.2	42.2	51.1	63.0	73.1	81.6	85.5	83.9	78.2	67.8	55.2	43.0	63.7
D.C.....	Washington.....	43.5	46.0	55.0	67.1	76.6	84.6	88.2	86.6	80.2	69.8	57.2	45.2	66.7
Fla.....	Jacksonville.....	64.6	66.9	72.2	79.0	84.6	88.3	90.0	89.7	86.0	79.2	71.4	65.6	78.1
	Miami.....	75.6	76.6	79.5	82.7	85.3	88.0	89.1	89.9	88.3	84.6	79.9	76.6	83.0
Ga.....	Atlanta.....	51.4	54.5	61.1	71.4	79.0	84.6	86.5	86.4	81.2	72.5	61.9	52.7	70.3
Hawaii.....	Honolulu.....	79.3	79.2	79.7	81.4	83.6	85.6	86.8	87.4	87.4	85.8	83.2	80.3	83.3
Idaho.....	Boise.....	36.5	43.8	51.6	61.4	70.6	78.3	90.5	87.6	77.6	64.7	48.9	39.1	62.6
Ill.....	Chicago.....	31.1	34.3	44.6	59.4	69.7	79.1	83.1	82.3	75.4	65.5	48.3	35.0	59.0
	Peoria.....	31.9	36.0	46.5	61.7	72.3	81.7	85.5	84.0	74.6	65.9	48.7	35.7	60.5
Ind.....	Indianapolis.....	36.0	39.3	49.0	62.8	72.9	82.3	85.4	84.0	77.7	67.0	50.5	38.7	62.2
Iowa.....	Des Moines.....	27.5	32.5	42.5	59.7	70.9	79.8	84.9	83.2	74.6	64.9	46.4	32.8	58.3
Kans.....	Wichita.....	41.4	47.1	55.0	68.1	77.1	86.5	91.7	91.0	81.9	71.3	55.8	44.3	67.6
Ky.....	Louisville.....	42.0	45.0	54.0	66.9	75.6	83.7	87.3	86.8	80.5	70.3	54.9	44.1	65.9
La.....	New Orleans.....	62.3	65.1	70.4	78.4	84.9	89.6	90.4	90.6	86.6	79.9	70.3	64.2	77.7
Maine.....	Portland.....	31.2	33.3	40.8	52.8	63.6	73.2	79.1	77.6	69.9	60.2	47.5	34.9	55.3
Md.....	Baltimore.....	41.9	43.9	53.0	65.2	74.8	83.2	86.7	85.1	79.0	68.3	56.1	43.9	65.1
Mass.....	Boston.....	35.9	37.5	44.6	56.3	67.1	76.6	81.4	79.3	72.2	63.2	51.7	39.3	58.7
Mich.....	Detroit.....	31.7	33.7	43.1	57.6	68.5	79.1	83.1	81.6	74.2	63.4	47.7	35.4	58.3
	Sault Ste. Marie.....	22.0	23.7	32.5	47.2	59.4	70.0	75.1	73.4	64.5	54.8	39.0	26.8	49.0
Minn.....	Duluth.....	17.6	22.1	32.6	47.8	60.0	69.7	76.4	74.4	64.0	54.3	35.3	22.5	48.1
	Minneapolis-St. Paul.....	21.2	25.9	36.9	55.5	67.9	77.1	82.4	80.8	70.7	60.7	40.6	26.6	53.8
Miss.....	Jackson.....	58.4	61.7	68.7	78.2	85.0	91.0	92.7	92.6	88.0	80.1	68.5	60.5	77.1
Mo.....	Kansas City.....	35.7	41.4	50.7	64.7	74.2	82.8	88.0	87.2	78.8	68.2	51.4	39.3	63.5
	St. Louis.....	39.9	44.2	53.0	67.0	76.0	84.9	88.4	87.2	80.1	69.8	54.1	42.7	65.6
Mont.....	Great Falls.....	29.3	35.9	40.4	54.5	65.0	72.1	83.7	81.8	70.0	59.4	43.4	34.7	55.9
Nebr.....	Omaha.....	32.7	38.5	47.7	64.4	74.4	83.1	88.6	87.2	78.6	69.1	50.9	37.8	62.8
Nev.....	Reno.....	45.4	51.1	56.0	64.0	72.2	80.4	91.1	89.0	81.8	70.0	56.3	46.4	67.0
N.H.....	Concord.....	31.3	33.8	42.4	56.7	68.6	77.7	82.6	80.1	72.4	62.3	47.9	34.6	57.5
N.J.....	Atlantic City.....	41.4	42.9	50.7	62.3	72.4	80.8	84.7	83.0	77.3	67.5	55.9	44.2	63.6
N. Mex.....	Albuquerque.....	46.9	52.6	59.2	70.1	79.9	89.5	92.2	89.7	83.4	71.7	57.1	47.5	70.0
N.Y.....	Albany.....	30.4	32.7	42.6	58.0	69.7	79.4	83.9	81.4	73.7	62.8	48.1	34.1	58.1
	Buffalo.....	29.8	31.0	39.0	53.3	64.3	75.1	79.5	77.6	70.8	60.2	46.1	33.6	55.0
	New York.....	38.5	40.2	48.4	60.7	71.4	80.5	85.2	83.4	76.8	66.8	54.0	41.4	62.3
N.C.....	Charlotte.....	52.1	54.9	62.2	72.7	80.2	86.4	88.3	87.4	82.0	73.1	62.4	52.5	71.2
	Raleigh.....	51.0	53.2	61.0	72.2	79.4	85.6	87.7	86.8	81.5	72.4	62.1	51.9	70.4
N. Dak.....	Bismarck.....	19.1	24.5	35.4	54.8	67.1	75.8	84.3	83.5	71.3	60.3	39.4	26.0	53.5
Ohio.....	Cincinnati.....	39.7	42.7	51.8	65.0	74.4	83.2	86.5	85.8	79.7	68.5	53.2	42.0	64.4
	Cleveland.....	33.4	35.0	44.1	58.0	68.4	78.2	81.6	80.4	74.2	63.6	48.8	36.4	58.5
	Columbus.....	36.4	39.2	49.3	62.8	72.9	81.9	84.8	83.7	77.6	66.4	50.9	38.7	62.1
Okla.....	Oklahoma City.....	47.6	52.6	59.8	71.6	78.7	87.0	92.6	92.5	84.7	74.2	60.9	50.7	71.1
Oreg.....	Portland.....	43.6	50.1	54.3	60.3	67.0	72.1	79.0	78.1	73.9	62.9	52.1	46.0	61.6
Pa.....	Philadelphia.....	40.1	42.2	51.2	63.5	74.1	83.0	86.8	84.8	78.4	67.9	55.5	43.2	64.2
	Pittsburgh.....	35.3	37.3	47.2	60.9	70.8	79.5	82.5	80.9	74.9	63.9	49.3	37.3	60.0
R.I.....	Providence.....	36.2	37.6	44.7	56.7	66.8	76.3	81.1	79.8	73.1	63.9	52.0	39.6	59.0
S.C.....	Columbia.....	56.9	59.7	66.5	76.9	84.5	90.3	92.0	91.0	85.4	77.1	66.9	57.9	75.4
S. Dak.....	Sioux Falls.....	24.6	29.7	39.7	57.8	69.7	78.9	85.1	83.8	73.0	62.7	43.5	29.6	56.5
Tenn.....	Memphis.....	49.4	53.1	60.8	72.7	81.2	88.7	91.6	90.6	84.3	74.9	61.5	51.7	71.7
	Nashville.....	47.6	50.9	59.2	71.3	79.8	87.5	90.2	89.2	83.5	73.2	59.0	49.6	70.1
Tex.....	Dallas-Fort Worth.....	55.7	59.8	66.6	76.3	82.8	90.8	95.5	96.1	88.5	79.2	67.5	58.7	76.5
	El Paso.....	57.0	62.5	68.9	78.5	87.2	94.9	94.6	92.8	87.4	78.5	66.1	57.8	77.2
	Houston.....	62.6	66.0	71.8	79.4	85.9	91.3	93.8	94.3	90.1	83.5	73.0	65.8	79.8
Utah.....	Salt Lake City.....	37.4	43.4	50.8	61.8	72.4	81.3	92.8	90.2	80.3	66.4	50.0	39.0	63.8
Vt.....	Burlington.....	25.9	28.2	38.0	53.3	66.1	76.5	81.0	78.3	70.0	58.7	44.3	30.3	54.2
Va.....	Norfolk.....	48.8	50.0	57.3	67.7	76.2	83.5	86.6	84.9	79.6	70.1	60.5	50.6	68.0
	Richmond.....	47.4	49.9	58.2	70.3	78.4	85.4	88.2	86.6	80.9	71.2	60.6	49.1	68.8
Wash.....	Seattle-Tacoma.....	43.4	48.5	51.5	57.0	64.1	69.0	75.1	73.8	68.7	59.4	50.4	45.4	58.8
	Spokane.....	31.1	39.0	46.2	57.0	66.5	73.6	83.3	81.9	72.5	58.1	41.8	33.9	57.2
W. Va.....	Charleston.....	43.6	46.2	55.2	67.9	76.6	83.4	85.6	84.4	79.0	69.1	55.8	45.2	66.0
Wis.....	Milwaukee.....	27.3	30.3	39.4	54.6	65.0	75.3	80.4	79.7	71.5	61.4	44.4	31.5	55.1
Wyo.....	Cheyenne.....	38.2	40.7	43.5	55.4	65.1	74.4	83.7	81.9	72.8	61.8	47.5	40.3	58.8
P.R.....	San Juan.....	81.9	82.1	83.6	84.4	85.6	87.0	87.0	87.5	87.6	87.4	85.0	83.1	85.2

¹ City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81.

NO. 371. NORMAL DAILY MINIMUM TEMPERATURE—SELECTED CITIES

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1941 through 1970]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala.	Mobile	41.3	43.9	49.2	57.7	64.5	70.7	72.6	72.3	68.4	58.0	47.5	42.8	57.4
Alaska	Juneau	17.8	22.1	25.6	31.3	38.2	44.4	47.7	46.2	42.3	36.4	27.6	22.5	33.5
Ariz.	Phoenix	37.6	40.8	44.8	51.8	59.6	67.7	77.5	76.0	69.1	56.8	44.8	38.5	55.4
Ark.	Little Rock	28.9	31.9	38.7	49.9	58.1	66.8	70.1	68.6	60.8	48.7	38.1	31.1	49.3
Calif.	Los Angeles	45.4	47.0	48.6	51.7	55.3	58.6	62.1	63.2	61.6	57.5	51.3	47.3	54.1
	Sacramento	37.1	40.4	41.9	45.3	49.8	54.6	57.5	56.9	55.3	49.5	42.4	38.3	47.4
	San Francisco	41.2	43.8	44.8	47.0	49.9	53.0	54.0	54.3	54.5	51.6	47.2	42.9	48.7
Colo.	Denver	16.2	19.4	23.8	33.9	43.6	51.9	58.6	57.4	47.8	37.2	25.4	18.9	36.2
Conn.	Hartford	16.1	17.9	26.6	36.5	46.2	56.0	61.2	58.9	51.0	40.8	31.9	19.6	38.6
Del.	Wilmington	23.8	24.9	32.0	41.5	51.6	61.1	66.1	64.3	57.6	46.5	36.2	26.3	44.3
D.C.	Washington	27.7	28.6	35.2	45.7	55.7	64.6	69.1	67.6	61.0	49.7	38.8	29.5	47.8
Fla.	Jacksonville	44.5	45.7	50.1	57.1	63.9	70.0	72.0	72.3	70.4	61.7	51.0	45.1	58.7
	Miami	58.7	59.0	63.0	67.3	70.7	73.9	75.5	75.8	75.0	71.0	64.5	60.0	67.9
Ga.	Atlanta	33.4	35.5	41.1	50.7	59.2	66.6	69.4	68.6	63.4	52.3	40.8	34.3	51.3
Hawaii	Honolulu	65.3	65.3	66.3	68.1	70.2	72.2	73.4	74.0	73.4	72.0	69.8	67.1	69.8
Idaho	Boise	21.4	27.2	30.5	36.5	44.1	51.2	58.5	56.7	48.5	39.4	30.7	25.0	39.1
Ill.	Chicago	14.7	17.8	28.7	38.2	47.0	57.0	60.7	60.9	52.0	42.0	30.1	19.2	38.8
	Peoria	15.7	19.3	28.1	38.8	50.7	60.9	64.6	62.9	54.6	44.0	31.1	20.3	41.1
Ind.	Indianapolis	19.7	22.1	30.3	41.6	51.5	61.1	64.6	62.4	54.9	44.3	32.8	23.1	42.4
Iowa	Des Moines	11.3	15.6	25.2	39.2	50.9	61.1	65.3	63.4	54.0	43.6	29.2	17.2	39.7
Kans.	Wichita	21.2	25.4	32.1	45.1	55.0	65.0	69.6	68.3	59.2	47.9	33.8	24.6	45.6
Ky.	Louisville	24.5	26.5	34.0	44.8	53.9	62.9	68.4	64.9	57.7	45.9	35.1	27.1	45.3
La.	New Orleans	43.5	46.0	50.9	58.8	65.3	71.2	73.3	73.1	69.7	59.6	49.8	45.3	58.9
Maine	Portland	11.7	12.5	22.8	32.5	41.7	51.1	56.9	55.2	47.4	38.0	29.7	16.4	34.7
Md.	Baltimore	24.9	25.7	32.5	42.4	52.5	61.6	66.5	64.7	57.9	46.4	36.0	26.6	44.8
Mass.	Boston	22.5	23.3	31.5	40.8	50.1	59.3	65.1	63.3	56.7	47.5	38.7	26.6	43.8
Mich.	Detroit	19.2	20.1	27.6	38.6	48.3	59.1	63.4	62.1	54.8	45.2	34.4	23.8	41.4
	Sault Ste. Marie	6.4	6.7	15.5	29.2	38.5	47.3	52.5	52.9	46.1	37.6	26.5	13.3	31.0
Minn.	Duluth	-6	2.0	14.4	29.3	38.8	48.3	54.7	53.7	44.8	36.2	21.4	6.3	29.1
	Minneapolis-St. Paul	3.2	7.1	19.6	34.7	46.3	56.7	61.4	59.6	49.3	39.2	24.2	10.6	34.3
Miss.	Jackson	35.8	37.8	43.4	53.1	60.4	67.7	70.6	69.8	64.0	51.5	42.0	37.3	52.8
Mo.	Kansas City	18.4	23.1	30.6	43.7	54.0	63.2	66.8	65.8	57.1	46.9	33.1	23.3	43.8
	St. Louis	22.6	26.0	33.5	46.0	55.5	64.8	68.9	67.1	59.1	48.4	35.9	26.5	46.2
Mont.	Great Falls	11.6	17.2	20.6	32.3	41.5	49.5	54.9	53.0	44.6	37.1	25.7	18.2	33.8
Nebr.	Omaha	12.4	17.4	26.4	40.1	51.5	61.3	65.8	64.0	54.0	42.6	29.1	18.1	40.2
Nev.	Reno	18.3	23.0	24.6	29.6	37.0	42.5	47.4	44.8	38.6	30.5	23.9	19.6	31.7
N.H.	Concord	9.9	11.3	22.1	31.7	41.5	51.6	56.7	54.2	46.5	36.3	28.1	14.9	33.7
N.J.	Atlantic City	24.0	24.9	31.5	41.0	50.7	59.7	65.4	63.8	56.8	45.9	36.1	26.0	43.8
N. Mex.	Albuquerque	23.5	27.4	32.3	41.4	50.7	59.7	65.2	63.4	56.7	44.7	31.8	24.9	43.5
N.Y.	Albany	12.5	14.3	24.2	35.7	45.7	55.6	60.1	57.8	50.1	40.0	31.1	17.7	37.1
	Buffalo	17.6	17.7	25.2	36.4	45.9	56.3	60.7	59.1	52.3	42.7	33.5	22.2	39.1
	New York ¹	25.9	26.5	33.7	43.5	53.1	62.6	68.0	66.4	59.9	50.6	40.8	29.5	46.7
N.C.	Charlotte	32.1	33.1	39.0	48.9	57.4	65.3	68.7	67.9	61.9	50.3	39.6	32.4	49.7
	Raleigh	30.0	31.1	37.4	46.7	55.4	63.1	67.2	66.2	59.7	48.0	37.8	30.5	47.8
N. Dak.	Bismarck	-2.8	2.4	14.1	31.1	41.7	51.8	57.3	54.9	43.7	33.2	18.3	5.2	29.3
Ohio	Cincinnati	22.4	23.8	31.6	42.7	51.9	61.0	64.6	63.0	55.9	45.0	34.3	25.3	43.5
	Cleveland	20.3	20.8	28.1	38.5	48.1	57.5	61.2	59.6	53.5	43.9	34.4	24.1	40.8
	Columbus	20.4	21.4	29.1	39.5	49.3	58.9	62.4	60.1	52.7	42.0	32.4	22.7	40.9
Okla.	Oklahoma City	26.0	30.0	36.5	49.1	57.9	66.6	70.4	69.6	61.3	50.6	37.4	29.2	48.7
Oreg.	Portland	32.5	35.5	37.0	40.8	46.3	51.8	55.2	55.0	50.5	44.7	38.5	35.3	43.6
Pa.	Philadelphia	24.4	25.5	32.5	42.3	52.3	61.6	66.7	64.7	57.8	46.9	36.9	27.2	44.9
	Pittsburgh	20.8	21.3	29.0	39.4	48.7	57.7	61.3	59.4	52.7	42.4	33.3	23.6	40.8
R.I.	Providence	20.6	21.2	29.0	37.8	46.9	56.5	63.0	61.0	53.6	43.4	34.6	24.3	40.9
S.C.	Columbia	33.9	35.5	41.9	51.3	59.6	67.2	70.3	69.4	63.5	51.3	40.6	34.1	51.5
S. Dak.	Sioux Falls	3.7	9.0	20.2	34.4	45.7	56.3	61.5	59.8	48.7	37.6	22.7	10.4	34.2
Tenn.	Memphis	31.6	34.4	41.1	52.3	60.6	68.5	71.5	70.1	62.8	51.1	40.3	33.7	51.5
	Nashville	29.0	31.0	38.1	48.8	57.3	65.7	69.0	67.7	60.5	48.6	37.7	31.1	48.7
Tex.	Dallas-Fort Worth	33.9	37.6	43.3	54.1	62.1	70.3	74.0	73.7	68.8	56.0	44.1	37.0	54.4
	El Paso	30.2	34.3	40.3	49.3	57.2	65.7	69.9	68.2	61.0	49.5	37.0	30.9	49.5
	Houston	41.5	44.6	49.8	59.3	65.6	70.9	72.8	72.4	68.2	58.3	49.1	43.4	58.0
Utah	Salt Lake City	18.5	23.3	28.3	36.6	44.2	51.1	60.5	58.7	49.3	38.4	28.1	21.5	38.2
Vt.	Burlington	7.6	8.9	20.1	32.6	43.5	53.9	58.5	56.4	48.6	38.8	29.7	14.8	34.5
Va.	Norfolk	32.2	32.7	38.9	47.9	57.2	65.5	69.9	69.9	63.9	53.3	42.6	34.0	50.6
	Richmond	27.6	28.8	35.5	45.2	54.5	62.9	67.5	65.9	59.9	47.4	37.3	28.8	46.7
Wash.	Seattle-Tacoma	33.0	36.0	36.6	40.3	45.6	50.6	53.8	53.7	50.4	44.9	38.8	35.5	43.3
	Spokane	19.6	25.3	28.8	35.2	42.8	49.4	55.1	54.0	46.7	37.5	29.2	24.0	37.3
W. Va.	Charleston	25.3	26.8	33.8	43.8	52.3	60.6	64.3	62.8	55.9	44.8	35.0	27.2	44.4
Wis.	Milwaukee	11.4	14.6	23.4	34.7	43.3	53.6	59.3	56.7	50.7	40.6	28.5	16.8	36.3
Wyo.	Chayenne	14.9	17.3	19.6	30.0	39.7	48.1	54.5	53.2	43.5	33.9	23.5	18.1	33.0
P.R.	San Juan	68.8	68.4	68.9	70.6	72.8	74.0	74.8	75.1	74.6	73.7	72.3	70.5	72.0

¹ City office data.

NO. 372. HIGHEST TEMPERATURE OF RECORD—SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1979]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	38	84	82	90	92	100	102	104	102	98	93	87	81	104
Alaska	Juneau	36	57	55	55	71	82	86	90	83	72	61	56	54	90
Ariz.	Phoenix	42	88	89	95	104	113	117	118	116	118	104	93	88	118
Ark.	Little Rock	38	83	83	91	92	98	104	107	108	106	97	86	80	108
Calif.	Los Angeles	44	88	92	93	95	97	103	97	98	110	106	101	94	110
	Sacramento	29	70	76	86	92	104	115	114	108	108	101	87	72	115
	San Francisco	52	72	78	85	88	96	106	104	98	103	95	85	75	106
Colo.	Denver	45	72	76	84	85	96	104	104	101	97	88	79	74	104
Conn.	Hartford	25	65	70	87	96	97	100	102	101	96	91	81	66	102
Del.	Wilmington	32	75	74	86	91	95	99	102	101	100	91	85	72	102
D.C.	Washington	38	79	82	89	95	97	101	103	100	100	94	86	75	103
Fla.	Jacksonville	38	85	88	91	95	100	103	105	102	100	96	88	84	105
	Miami	37	87	89	92	96	94	98	96	96	95	92	89	87	98
Ga.	Atlanta	31	79	79	85	88	95	101	103	102	98	95	84	77	103
Hawaii	Honolulu	10	87	87	88	89	90	90	91	92	92	93	89	89	93
Idaho	Boise	40	63	69	81	92	98	109	111	110	102	91	73	65	111
Ill.	Chicago	21	61	71	80	87	93	97	96	96	99	91	78	67	99
	Peoria	40	68	72	81	89	92	100	103	101	100	90	81	71	103
Ind.	Indianapolis	40	71	74	81	89	93	102	104	100	100	90	81	70	104
Iowa	Des Moines	40	62	73	84	90	98	101	105	102	101	95	76	69	105
Kans.	Wichita	27	75	84	89	96	100	106	113	110	105	95	81	83	113
Ky.	Louisville	32	77	77	85	91	95	102	105	101	104	92	84	73	105
La.	New Orleans	33	83	85	87	91	96	100	99	100	97	92	86	84	100
Maine	Portland	39	64	64	86	85	92	97	99	103	95	88	74	64	103
Md.	Baltimore	29	75	76	87	94	98	100	102	102	99	92	83	74	102
Mass.	Boston	28	63	68	81	94	95	100	102	102	100	90	77	70	102
Mich.	Detroit	45	67	68	82	87	93	104	105	101	100	92	81	66	105
	Sault Ste. Marie	39	45	45	75	83	89	92	97	98	95	80	66	59	98
Minn.	Duluth	38	52	55	78	88	90	93	97	97	95	86	70	55	97
	Minneapolis-St. Paul	41	58	59	83	92	96	100	104	102	98	89	75	63	104
Miss.	Jackson	16	82	84	88	92	99	103	102	99	98	91	88	84	103
Mo.	Kansas City	7	61	74	82	85	91	98	107	104	98	92	82	67	107
	St. Louis	22	76	85	88	92	92	98	106	105	100	94	82	76	106
Mont.	Great Falls	42	62	67	78	87	90	99	105	106	98	91	76	69	106
Nebr.	Omaha	43	69	78	89	93	99	105	114	110	104	96	80	72	114
Nev.	Reno	38	70	74	83	88	95	101	104	103	101	91	77	70	104
N.H.	Concord	38	68	66	85	95	97	98	102	101	98	90	80	67	102
N.J.	Atlantic City	36	78	73	87	94	99	106	104	102	97	90	84	72	106
N. Mex.	Albuquerque	40	69	75	85	89	95	105	105	101	100	91	77	72	105
N.Y.	Albany	33	62	67	85	92	94	99	100	99	100	89	82	65	100
	Buffalo	36	72	64	81	87	90	95	94	99	98	87	80	66	99
	New York ¹	111	72	75	86	96	99	101	106	104	102	94	84	70	106
N.C.	Charlotte	40	78	81	90	93	100	103	103	102	104	98	85	77	104
	Raleigh	35	79	84	92	93	97	104	105	101	104	98	88	79	105
N. Dak.	Bismarck	40	54	68	81	92	98	100	109	109	105	95	75	65	109
Ohio	Cincinnati	18	69	73	82	89	93	97	100	102	98	88	80	70	102
	Cleveland	38	73	69	83	88	92	101	103	102	101	90	82	69	103
	Columbus	40	74	73	85	89	94	102	100	100	100	90	80	72	102
Okla.	Oklahoma City	26	79	84	93	100	96	102	108	107	102	96	84	86	108
Oreg.	Portland	39	62	70	80	87	92	100	107	105	101	90	73	64	107
Pa.	Philadelphia	38	74	74	87	94	96	100	104	101	100	96	81	72	104
	Pittsburgh	27	68	69	80	87	91	96	99	97	97	87	82	72	99
R.I.	Providence	26	66	69	78	96	94	95	100	104	93	86	78	69	104
S.C.	Columbia	32	84	84	91	94	101	107	107	106	101	101	90	83	107
S. Dak.	Sioux Falls	34	59	70	87	94	100	101	108	108	104	94	76	61	108
Tenn.	Memphis	38	78	81	85	91	99	104	106	105	103	95	85	79	106
	Nashville	40	78	84	86	90	97	106	107	104	105	94	84	76	107
Tex.	Dallas-Fort Worth	26	88	88	96	95	98	105	109	108	105	102	89	88	109
	El Paso	40	80	83	88	98	104	111	112	105	103	96	84	80	112
	Houston	10	84	84	90	89	95	101	102	101	97	93	89	83	102
Utah	Salt Lake City	51	61	69	78	85	93	104	107	104	100	89	75	67	107
Vt.	Burlington	36	63	60	84	91	93	96	99	101	94	85	75	62	101
Va.	Norfolk	31	78	81	85	97	97	101	103	102	98	95	86	80	103
	Richmond	50	80	83	93	96	100	104	105	102	103	99	86	80	105
Wash.	Seattle-Tacoma	35	61	70	72	85	93	96	98	99	93	81	74	61	99
	Spokane	32	59	61	71	90	92	100	103	108	96	85	67	54	108
W. Va.	Charleston	32	79	78	87	91	93	98	102	100	102	92	85	80	102
Wis.	Milwaukee	39	62	65	81	85	92	99	101	100	98	89	77	63	101
Wyo.	Cheyenne	44	63	71	73	82	90	100	100	96	93	83	73	69	100
P.R.	San Juan	25	90	92	93	94	94	96	93	96	95	95	93	90	96

¹ City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

NO. 373. LOWEST TEMPERATURE OF RECORD—SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1979]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile.....	38	7	11	21	36	43	56	60	59	42	32	22	10	7
Alaska.....	Juneau.....	36	-22	-22	-15	6	25	31	36	27	23	12	-5	-21	-22
Ariz.....	Phoenix.....	42	17	22	25	32	40	50	61	60	47	34	25	22	17
Ark.....	Little Rock.....	38	-4	-5	11	28	40	46	54	52	37	31	17	-1	-5
Calif.....	Los Angeles.....	44	23	32	34	39	43	48	49	51	47	41	34	32	23
	Sacramento.....	29	23	26	26	32	36	41	49	49	43	36	26	20	20
	San Francisco.....	52	24	25	30	31	36	41	43	42	38	34	25	20	20
Colo.....	Denver.....	45	-25	-30	-11	-2	22	30	43	41	20	3	-8	-18	-30
Conn.....	Hartford.....	25	-26	-21	-6	9	28	37	44	36	30	17	12	-9	-26
Del.....	Wilmington.....	32	-4	-6	7	22	30	41	50	46	36	24	14	3	-6
D.C.....	Washington.....	38	2	4	11	24	34	47	55	51	39	29	16	1	1
Fla.....	Jacksonville.....	38	19	19	25	35	45	56	61	64	50	36	21	12	12
	Miami.....	37	31	32	37	46	53	65	69	68	69	51	39	34	31
Ga.....	Atlanta.....	31	-3	5	10	26	37	46	53	56	36	28	3	1	-3
Hawaii.....	Honolulu.....	10	53	53	55	59	63	65	67	67	66	64	58	54	53
Idaho.....	Boise.....	40	-17	-12	6	19	26	33	41	37	23	11	-3	-23	-23
Ill.....	Chicago.....	21	-20	-17	-8	13	24	36	40	41	28	19	1	-17	-20
	Peoria.....	40	-25	-18	-10	17	25	39	47	43	26	19	-2	-18	-25
Ind.....	Indianapolis.....	40	-20	-19	-6	16	28	39	44	41	28	17	-2	-15	-20
Iowa.....	Des Moines.....	40	-24	-20	-22	9	30	38	47	40	26	14	-3	-16	-24
Kans.....	Wichita.....	27	-12	-7	-2	15	31	43	51	48	35	21	1	-5	-12
Ky.....	Louisville.....	32	-20	-19	-1	24	31	42	50	49	33	23	-1	-9	-20
La.....	New Orleans.....	33	14	19	26	32	41	55	60	60	42	35	24	17	14
Maine.....	Portland.....	39	-26	-39	-21	8	23	33	40	33	23	15	5	-21	-39
Md.....	Baltimore.....	29	-7	-3	6	20	32	40	51	48	35	25	13	0	-7
Mass.....	Boston.....	28	-12	-4	6	17	34	46	54	47	38	28	17	-4	-12
Mich.....	Detroit.....	45	-13	-16	-1	14	30	38	42	43	32	24	5	-5	-16
	Sault Ste. Marie.....	39	-30	-35	-24	1	18	28	36	32	25	16	-10	-24	-35
Minn.....	Duluth.....	38	-39	-32	-28	-5	17	27	36	33	22	8	-23	-33	-39
	Minneapolis-St. Paul.....	41	-34	-28	-32	2	18	34	43	39	26	15	-17	-24	-34
Miss.....	Jackson.....	16	6	11	18	30	38	49	51	55	35	30	17	14	6
Mo.....	Kansas City.....	7	-13	-12	-10	12	30	49	52	50	39	21	1	-11	-13
	St. Louis.....	22	-14	-10	-5	22	31	43	51	47	36	23	1	-10	-14
Mont.....	Great Falls.....	42	-37	-35	-29	-6	15	31	40	35	23	-3	-23	-43	-43
Nebr.....	Omaha.....	43	-22	-19	-16	5	27	39	44	43	30	13	-9	-15	-22
Nev.....	Reno.....	38	-16	-12	-2	13	18	25	33	24	20	8	-1	-16	-16
N.H.....	Concord.....	38	-30	-37	-16	8	21	30	35	29	21	10	-1	-22	-37
N.J.....	Atlantic City.....	36	-10	-11	7	12	25	37	45	40	32	23	11	-7	-11
N. Mex.....	Albuquerque.....	40	-17	-5	8	19	28	42	54	52	37	25	-7	3	-17
N.Y.....	Albany.....	33	-28	-21	-21	10	26	36	40	37	24	16	5	-22	-28
	Buffalo.....	36	-12	-20	-4	12	26	35	43	38	32	20	9	-4	-20
	New York ¹	111	-6	-15	3	12	32	44	52	50	39	28	5	-13	-15
N.C.....	Charlotte.....	40	-3	5	10	24	32	45	53	53	39	24	11	2	-3
	Raleigh.....	35	-1	5	11	23	31	38	48	46	39	19	11	4	-1
N. Dak.....	Bismarck.....	40	-44	-37	-31	-12	15	30	35	33	11	5	-29	-43	-44
Ohio.....	Cincinnati.....	18	-25	-10	-4	17	27	39	47	43	33	16	1	-11	-25
	Cleveland.....	38	-19	-15	-5	10	25	31	41	41	32	22	3	-11	-19
	Columbus.....	40	-19	-13	-2	18	25	35	43	39	31	20	5	-10	-19
Okl.....	Oklahoma City.....	26	-4	-3	3	20	39	47	53	51	37	22	11	1	-4
Oreg.....	Portland.....	39	-2	-3	19	29	29	39	43	44	34	26	13	6	-3
Pa.....	Philadelphia.....	38	-5	-4	7	24	28	44	51	45	35	25	15	1	-5
	Pittsburgh.....	27	-18	-12	-1	15	26	34	42	40	31	16	-1	-7	-18
R.I.....	Providence.....	26	-13	-7	1	14	29	41	49	40	34	20	14	-5	-13
S.C.....	Columbia.....	32	5	5	18	29	34	45	54	53	40	23	12	4	4
S. Dak.....	Sioux Falls.....	34	-36	-31	-23	5	17	33	38	34	22	9	-17	-26	-36
Tenn.....	Memphis.....	38	-4	-11	12	29	38	48	52	48	36	25	9	-13	-13
	Nashville.....	40	-15	-13	5	24	34	42	51	47	36	26	-1	-7	-15
Tex.....	Dallas-Ft. Worth.....	26	4	9	17	30	41	51	59	56	46	29	20	10	4
	El Paso.....	40	-8	8	14	24	31	48	57	56	41	25	1	5	-8
	Houston.....	10	17	21	25	31	44	52	62	62	48	33	19	20	17
Utah.....	Salt Lake City.....	51	-22	-30	2	14	25	35	40	37	27	16	-14	-21	-30
Vt.....	Burlington.....	36	-30	-30	-20	2	24	33	39	35	25	15	-2	-23	-30
Va.....	Norfolk.....	31	5	8	20	28	36	45	54	52	45	27	20	14	5
	Richmond.....	50	-12	-10	11	25	31	40	51	46	35	21	10	-1	-12
Wash.....	Seattle-Tacoma.....	35	0	1	11	29	28	38	43	44	35	28	6	6	0
	Spokane.....	32	-22	-17	-3	17	24	34	38	35	25	13	-11	-25	-25
W. Va.....	Charleston.....	32	-12	-6	5	19	26	33	46	41	34	17	6	-2	-12
Wis.....	Milwaukee.....	39	-24	-19	-10	13	21	33	40	44	28	21	-5	-15	-24
Wyo.....	Cheyenne.....	44	-27	-34	-21	-8	16	25	38	36	18	2	-13	-24	-34
P.R.....	San Juan.....	25	61	62	60	64	66	69	69	70	69	67	66	63	60

¹ City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

NO. 374. NORMAL MONTHLY AND ANNUAL PRECIPITATION—SELECTED CITIES

[In inches. Airport data except as noted. Based on standard 30-year period, 1941 through 1970. See *Historical Statistics, Colonial Times to 1970*, series J 164-267, for related data]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.....	Mobile.....	4.71	4.76	7.07	5.59	4.52	6.09	8.86	6.93	6.59	2.55	3.39	5.92	66.96
Alaska.....	Juneau.....	3.94	3.44	3.57	2.99	3.31	2.93	4.69	5.00	6.90	7.85	5.53	4.52	54.67
Ariz.....	Phoenix.....	.71	.60	.76	.32	.14	.12	.75	1.22	.69	.46	.46	.82	7.05
Ark.....	Little Rock.....	4.24	4.42	4.93	5.25	5.30	3.50	3.38	3.01	3.55	2.99	3.86	4.09	48.52
Calif.....	Los Angeles.....	2.52	2.32	1.71	1.10	.08	.03	.01	.02	.07	.22	1.76	2.39	12.23
	Sacramento.....	3.73	2.68	2.17	1.54	.51	.10	.01	.05	.19	.99	2.13	3.12	17.22
	San Francisco.....	4.37	3.04	2.54	1.59	.41	.13	.01	.03	.16	.98	2.29	3.98	19.53
Colo.....	Denver.....	.61	.67	1.21	1.93	2.64	1.93	1.78	1.29	1.13	1.13	.76	.43	15.51
Conn.....	Hartford.....	3.28	3.17	3.82	3.75	3.50	3.53	3.41	3.94	3.55	3.03	4.33	4.06	43.37
Del.....	Wilmington.....	2.85	2.75	3.74	3.20	3.35	3.24	4.31	3.98	3.42	2.60	3.49	3.32	40.25
D.C.....	Washington.....	2.62	2.45	3.33	2.86	3.68	3.48	4.12	4.67	3.08	2.66	2.90	3.04	38.89
Fla.....	Jacksonville.....	2.78	3.58	3.56	3.07	3.22	6.27	7.35	7.89	7.83	4.54	1.79	2.59	54.47
	Miami.....	2.15	1.95	2.07	3.60	6.12	9.00	6.91	6.72	8.74	8.18	2.72	1.64	59.80
Ga.....	Atlanta.....	4.34	4.41	5.84	4.61	3.71	3.67	4.90	3.54	3.15	2.50	3.43	4.24	48.34
Hawaii.....	Honolulu.....	4.40	2.46	3.18	1.36	.96	.32	.60	.76	.67	1.51	2.99	3.69	22.90
Idaho.....	Boise.....	1.47	1.16	1.01	1.14	1.32	1.06	.15	.30	.41	.80	1.32	1.36	11.50
Ill.....	Chicago.....	1.70	1.30	2.52	3.38	3.41	4.15	3.46	2.73	3.01	2.32	2.10	1.64	31.72
	Peoria.....	1.82	1.50	2.80	4.36	3.87	3.91	3.76	3.07	3.55	2.51	2.02	1.89	35.06
Ind.....	Indianapolis.....	2.86	2.36	3.75	3.87	4.08	4.16	3.67	2.80	2.87	2.51	1.10	2.71	38.74
Iowa.....	Des Moines.....	1.14	1.05	2.31	2.94	4.21	4.90	3.28	3.30	3.07	2.14	1.42	1.09	30.85
Kans.....	Wichita.....	.85	.98	1.78	2.95	3.60	4.49	3.35	3.10	3.69	2.50	1.17	1.12	30.58
Ky.....	Louisville.....	3.53	3.47	5.05	4.10	4.20	4.05	3.76	2.99	2.94	2.35	3.33	3.34	43.11
La.....	New Orleans.....	4.53	4.82	5.49	4.15	4.20	4.74	6.72	5.27	5.58	2.26	3.88	5.13	56.77
Maine.....	Portland.....	3.38	3.52	3.60	3.34	3.33	3.10	2.61	2.60	3.09	3.31	4.86	4.06	40.80
Md.....	Baltimore.....	2.91	2.81	3.69	3.07	3.61	3.77	4.07	4.21	3.12	2.81	3.13	3.26	40.46
Mass.....	Boston.....	3.69	3.54	4.01	3.49	3.47	3.19	2.74	3.46	3.16	3.02	4.51	4.24	42.52
Mich.....	Detroit.....	1.93	1.80	2.33	3.08	3.43	3.04	2.99	3.04	2.30	2.52	2.31	2.19	30.86
	Sault Ste. Marie.....	1.92	1.48	1.74	2.22	3.01	3.31	2.60	3.10	3.85	2.85	3.26	2.36	31.70
Minn.....	Duluth.....	1.16	.85	1.76	2.55	3.41	4.44	3.73	3.79	3.06	2.30	1.73	1.40	30.18
	Minneapolis-St. Paul.....	.73	.84	1.68	2.04	3.37	3.94	3.69	3.05	2.73	1.78	1.20	.89	25.94
Miss.....	Jackson.....	4.53	4.62	5.63	4.65	4.38	3.40	4.27	3.59	2.99	2.22	3.87	5.04	49.19
Mo.....	Kansas City.....	1.25	1.25	2.55	3.50	4.28	5.55	3.47	3.81	4.21	3.24	1.47	1.52	37.00
	St. Louis.....	1.85	2.06	3.03	3.92	3.86	4.42	3.69	2.87	2.89	2.79	2.47	2.04	35.89
Mont.....	Great Falls.....	.88	.75	.97	1.18	2.37	3.11	1.27	1.09	1.17	.68	.81	.71	14.99
Nebr.....	Omaha.....	.76	.98	1.59	2.97	4.11	4.94	3.71	3.97	3.27	1.93	1.11	.84	30.18
Nev.....	Reno.....	1.21	.86	.70	.47	.66	.40	.26	.22	.23	.42	.68	1.09	7.20
N.H.....	Concord.....	2.67	2.45	2.77	2.92	3.02	3.35	3.14	2.89	3.06	2.68	3.96	3.26	36.17
N.J.....	Atlantic City.....	3.56	3.37	4.31	3.37	3.54	3.38	4.30	2.99	3.46	4.42	4.01	45.46	
N. Mex.....	Albuquerque.....	.30	.39	.47	.48	.53	.50	1.39	1.34	.77	.79	.29	.52	7.77
N.Y.....	Albany.....	2.20	2.11	2.58	2.70	3.26	3.00	3.12	2.87	3.12	2.63	2.84	2.93	33.36
	Buffalo.....	2.90	2.55	2.85	3.15	2.97	2.23	2.93	3.53	3.25	3.01	3.74	3.00	36.11
	New York.....	2.71	2.92	3.73	3.30	3.47	2.96	3.68	4.01	3.27	2.85	3.76	3.53	40.19
N.C.....	Charlotte.....	3.51	3.83	4.52	3.40	2.90	3.70	4.57	3.96	3.46	2.69	2.74	3.44	42.72
	Raleigh.....	3.22	3.32	3.44	3.07	3.32	3.67	5.08	4.93	3.78	2.81	2.82	3.08	42.54
N. Dak.....	Bismarck.....	.51	.44	.73	1.44	2.17	3.58	2.20	1.96	1.32	.80	.56	.45	16.16
Ohio.....	Cincinnati.....	3.34	3.04	4.09	3.64	3.74	3.81	4.12	2.62	2.55	2.15	3.08	2.86	39.04
	Cleveland.....	2.56	2.18	3.05	3.49	3.49	3.28	3.45	3.00	2.80	2.57	2.76	2.36	34.99
	Columbus.....	2.87	2.32	3.44	3.71	4.10	4.13	4.21	2.86	2.41	1.89	2.68	2.39	37.01
Okla.....	Oklahoma City.....	1.11	1.32	2.05	3.47	5.20	4.22	2.66	2.56	3.55	2.57	1.40	1.26	31.37
Oreg.....	Portland.....	5.88	4.06	3.64	2.22	2.09	1.59	.47	.82	1.60	3.59	5.61	6.04	37.61
Pa.....	Philadelphia.....	2.81	2.62	3.69	3.29	3.35	3.70	4.09	4.11	3.03	2.53	3.39	3.32	39.93
	Pittsburgh.....	2.79	2.35	3.60	3.40	3.63	3.48	3.84	3.15	2.52	2.52	2.47	2.48	36.23
R.I.....	Providence.....	3.52	3.45	3.99	3.72	3.49	2.65	2.85	3.90	3.26	3.27	4.52	4.13	42.75
S.C.....	Columbia.....	3.44	3.67	4.67	3.51	3.35	3.82	5.65	5.63	4.32	2.58	2.34	3.38	46.36
S. Dak.....	Sioux Falls.....	.57	1.04	1.40	2.30	3.37	4.32	2.94	2.84	2.85	1.50	.85	.74	24.72
Tenn.....	Memphis.....	4.93	4.73	5.10	5.42	4.39	3.46	3.53	3.33	3.01	2.58	3.92	4.70	49.10
	Nashville.....	4.75	4.43	5.00	4.11	4.10	3.38	3.83	3.24	3.09	2.16	3.46	4.45	46.00
Tex.....	Dallas-Fort Worth.....	1.80	2.36	2.54	4.30	4.47	3.05	1.84	2.26	3.15	2.68	2.03	1.82	32.30
	El Paso.....	.39	.42	.39	.24	.32	.60	1.53	1.12	1.16	.78	.32	.50	7.77
	Houston.....	3.57	3.54	2.68	3.54	5.10	4.52	4.12	4.35	4.65	4.05	4.03	4.04	48.19
Utah.....	Salt Lake City.....	1.27	1.19	1.63	2.12	1.49	1.30	.70	.93	.68	1.16	1.31	1.39	15.17
Vt.....	Burlington.....	1.74	1.68	1.93	2.62	3.01	3.46	3.54	3.72	3.05	2.74	2.86	2.19	32.54
Va.....	Norfolk.....	3.35	3.31	3.42	2.71	3.34	3.62	5.70	5.92	4.20	3.06	2.94	3.11	44.68
	Richmond.....	2.86	3.01	3.38	2.77	3.42	3.52	5.63	5.06	3.58	2.94	3.20	3.22	42.59
Wash.....	Seattle-Tacoma.....	5.79	4.19	3.61	2.46	1.70	1.53	.71	1.08	1.99	3.91	5.88	5.94	38.79
	Spokane.....	2.47	1.68	1.53	1.12	1.46	1.36	.40	.58	.83	1.42	2.20	2.37	17.42
W. Va.....	Charleston.....	3.39	3.11	4.03	3.33	3.48	3.31	5.04	3.68	2.94	2.45	2.81	3.18	40.75
Wis.....	Milwaukee.....	1.63	1.13	2.24	2.76	2.88	3.58	3.41	2.68	3.02	1.98	2.01	1.75	29.07
Wyo.....	Cheyenne.....	.46	.46	1.05	1.57	2.52	2.41	1.82	1.45	1.03	.95	.58	.35	14.65
P.R.....	San Juan.....	3.73	2.50	2.04	3.40	6.54	5.64	6.41	6.98	6.07	5.64	5.49	4.71	59.15

¹ City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81.

NO. 375. AVERAGE NUMBER OF DAYS WITH PRECIPITATION OF .01 INCH OR MORE—SELECTED CITIES

[Airport data, except as noted. For period of record through 1979]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.....	Mobile.....	38	11	10	11	7	8	11	17	14	11	6	8	11	125
Alaska.....	Juneau.....	36	17	17	18	17	17	16	17	17	20	24	19	21	220
Ariz.....	Phoenix.....	40	4	4	3	2	1	1	4	5	3	3	2	4	36
Ark.....	Little Rock.....	37	10	9	10	10	10	8	9	7	7	6	8	9	103
Calif.....	Los Angeles.....	44	6	6	6	3	1	1	1	(z)	1	2	3	5	35
	Sacramento.....	40	10	9	8	6	3	1	(z)	(z)	1	3	7	9	57
	San Francisco.....	52	11	10	9	6	3	1	(z)	1	1	4	7	10	63
Colo.....	Denver.....	45	6	6	9	9	10	9	9	8	6	5	5	5	87
Conn.....	Hartford.....	25	11	11	11	11	12	11	10	10	10	8	11	12	128
Del.....	Wilmington.....	32	11	10	11	11	12	10	9	10	8	8	10	10	120
D.C.....	Washington.....	38	11	9	11	10	11	9	10	9	8	7	8	9	112
Fla.....	Jacksonville.....	38	8	8	8	6	9	12	15	14	14	8	6	8	116
	Miami.....	37	7	6	6	6	11	15	16	17	17	15	8	7	131
Ga.....	Atlanta.....	45	12	10	12	9	9	10	12	9	7	6	8	10	114
Hawaii.....	Honolulu.....	30	10	10	9	9	7	6	7	7	7	9	10	10	101
Idaho.....	Boise.....	40	13	10	9	8	8	6	2	3	4	6	10	11	90
Ill.....	Chicago.....	21	11	10	13	12	11	10	10	9	10	9	10	11	126
	Peoria.....	40	9	8	11	12	12	10	9	8	9	7	9	10	114
Ind.....	Indianapolis.....	40	12	10	13	12	12	10	9	9	8	8	10	12	125
Iowa.....	Des Moines.....	40	7	7	10	11	11	11	9	9	9	7	7	8	106
Kans.....	Wichita.....	26	6	5	7	8	11	9	8	7	8	6	5	6	86
Ky.....	Louisville.....	32	12	11	13	12	11	10	11	8	8	7	10	11	124
La.....	New Orleans.....	31	10	9	9	7	8	10	15	13	10	5	7	10	113
Maine.....	Portland.....	39	11	10	11	12	13	11	9	9	8	9	12	11	126
Md.....	Baltimore.....	29	11	9	11	11	11	9	9	10	7	7	9	9	113
Mass.....	Boston.....	28	12	11	12	11	12	10	9	10	9	9	11	12	128
Mich.....	Detroit.....	35	13	12	13	12	12	11	9	9	9	9	11	13	133
	Sault Ste. Marie.....	38	19	15	13	11	11	12	10	11	13	13	18	19	165
Minn.....	Duluth.....	38	12	10	11	11	13	13	11	11	11	9	11	12	135
	Minneapolis-St. Paul.....	41	9	7	10	10	11	12	10	10	9	8	8	9	113
Miss.....	Jackson.....	16	12	9	11	9	9	8	11	10	9	5	8	10	111
Mo.....	Kansas City.....	7	9	6	10	11	11	9	7	9	8	7	7	7	101
	St. Louis.....	22	9	8	12	11	11	9	9	8	8	8	9	10	112
Mont.....	Great Falls.....	42	9	8	9	9	11	12	7	7	7	6	7	8	100
Nebr.....	Omaha.....	43	7	7	9	10	12	10	9	9	8	6	5	6	98
Nev.....	Reno.....	37	6	6	6	4	5	3	3	2	2	3	5	6	51
N.H.....	Concord.....	38	11	10	11	11	12	11	10	10	9	9	11	11	126
N.J.....	Atlantic City.....	36	11	10	11	11	10	9	9	9	8	7	9	10	114
N. Mex.....	Albuquerque.....	40	4	4	4	3	4	4	9	9	5	5	3	4	58
N.Y.....	Albany.....	33	13	11	12	12	13	11	11	10	10	9	12	12	136
	Buffalo.....	36	20	17	16	14	13	10	10	11	11	11	16	20	169
	New York ¹	111	11	10	11	11	11	10	10	10	8	8	9	10	119
N.C.....	Charlotte.....	40	10	10	12	9	10	10	12	10	7	7	8	10	115
	Raleigh.....	35	10	10	10	9	10	9	11	10	8	7	8	9	111
N. Dak.....	Bismarck.....	40	8	7	8	8	10	12	9	8	7	5	6	8	96
Ohio.....	Cincinnati.....	32	12	11	13	13	12	11	10	9	8	8	11	12	130
	Cleveland.....	38	16	15	16	14	13	11	10	10	10	11	15	16	157
	Columbus.....	40	14	12	14	13	13	11	11	9	9	8	11	12	137
Okla.....	Oklahoma City.....	40	5	6	7	8	10	9	7	6	7	6	5	5	81
Oreg.....	Portland.....	39	19	16	17	14	12	9	4	5	8	13	17	19	153
Pa.....	Philadelphia.....	39	11	9	11	11	11	10	9	9	8	8	9	10	116
	Pittsburgh.....	27	17	14	16	13	12	11	11	10	9	10	13	16	152
R.I.....	Providence.....	26	11	10	12	11	11	11	9	10	8	8	11	12	124
S.C.....	Columbia.....	32	10	10	11	8	9	10	12	11	8	6	7	9	111
S. Dak.....	Sioux Falls.....	34	6	6	8	9	10	11	9	9	8	6	6	6	94
Tenn.....	Memphis.....	29	10	10	11	10	9	8	9	8	7	6	8	10	106
	Nashville.....	38	12	11	12	11	11	10	10	9	8	7	9	11	121
Tex.....	Dallas-Fort Worth.....	26	7	7	7	9	8	6	5	5	7	5	6	6	78
	El Paso.....	40	4	3	2	2	2	3	8	7	5	4	3	4	47
	Houston.....	10	12	7	10	7	8	7	11	11	10	7	8	9	107
Utah.....	Salt Lake City.....	51	10	9	10	10	8	5	4	6	5	6	7	9	89
Vt.....	Burlington.....	36	14	12	13	12	13	12	12	12	11	14	15	15	152
Va.....	Norfolk.....	31	10	10	11	10	10	9	11	11	8	8	8	9	115
	Richmond.....	42	11	9	11	9	11	10	11	10	8	7	8	9	114
Wash.....	Seattle-Tacoma.....	35	19	16	17	14	10	9	5	7	9	14	18	20	158
	Spokane.....	32	15	12	11	9	9	8	4	5	6	8	12	16	115
W. Va.....	Charleston.....	32	16	14	15	14	13	11	13	11	9	10	12	14	152
Wis.....	Milwaukee.....	39	11	9	12	12	12	11	10	9	9	9	10	11	125
Wyo.....	Cheyenne.....	44	6	6	9	10	12	11	11	9	7	5	6	5	97
P.R.....	San Juan.....	24	17	13	12	13	17	17	19	19	18	17	18	19	199

Z Less than ½ day. ¹ City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

NO. 376. AVERAGE TOTAL SNOW AND ICE PELLETS—SELECTED CITIES

[In inches. Airport data, except as noted. For period of record through 1979. T denotes trace]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	38	.2	.2	T	-	-	-	-	-	-	-	T	.1	.5
Alaska	Juneau	36	25.0	20.6	18.1	4.5	.1	T	-	-	T	1.2	11.9	24.7	106.1
Ariz.	Phoenix	42	T	T	T	T	-	-	-	-	-	-	-	T	T
Ark.	Little Rock	37	2.4	1.5	.5	T	-	-	-	-	-	-	.2	.9	5.5
Calif.	Los Angeles	44	T	T	-	-	-	-	-	-	-	-	-	T	T
	Sacramento	31	T	.1	-	-	-	-	-	-	-	-	-	T	.1
	San Francisco	52	T	T	T	-	-	-	-	-	-	-	-	T	T
Colo.	Denver	45	8.0	7.7	12.8	9.4	1.9	T	-	-	1.7	3.8	8.0	6.6	59.9
Conn.	Hartford	25	12.7	12.8	11.7	1.6	.1	-	-	-	-	.1	1.7	12.2	52.9
Del.	Wilmington	32	6.2	6.6	3.8	.1	T	-	-	-	-	-	1.1	3.7	21.6
D.C.	Washington	36	4.8	5.5	2.4	T	T	-	-	-	-	T	.7	3.5	16.9
Fla.	Jacksonville	38	T	T	T	-	-	-	-	-	-	-	-	T	T
	Miami	37	-	-	-	-	-	-	-	-	-	-	-	-	-
Ga.	Atlanta	45	.7	.5	.2	T	-	-	-	-	-	-	T	.2	1.6
Hawaii	Honolulu	33	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	Boise	40	7.5	3.9	2.0	.8	.1	T	T	-	-	.1	1.8	5.2	21.4
Ill.	Chicago	21	11.3	7.5	7.2	1.7	.1	-	-	-	T	.4	2.1	9.4	39.7
	Peoria	36	6.6	4.7	4.6	.6	T	-	-	-	-	.1	2.3	6.0	24.9
Ind.	Indianapolis	48	6.1	5.2	3.7	.5	T	-	-	-	-	T	2.1	4.8	22.4
Iowa	Des Moines	40	8.6	7.3	6.8	1.7	T	-	-	-	T	.1	2.7	6.4	33.6
Kans.	Wichita	26	4.7	3.9	2.9	.4	-	-	-	-	-	-	T	1.0	15.9
Ky.	Louisville	32	6.2	4.4	3.9	.1	-	-	-	-	-	T	1.5	2.3	18.4
La.	New Orleans	33	T	.1	T	-	-	-	-	-	-	-	T	.1	.2
Maine	Portland	39	19.6	18.9	13.5	3.0	.2	-	-	-	T	.3	3.3	15.7	74.5
Md.	Baltimore	29	5.3	7.1	4.6	.1	T	-	-	-	-	T	1.2	4.1	22.4
Mass.	Boston	44	12.7	12.0	8.1	.7	T	-	-	-	-	T	1.2	7.9	42.6
Mich.	Detroit	38	7.9	7.7	5.4	1.1	T	-	-	-	-	T	2.5	7.1	31.7
	Sault Ste. Marie	38	27.3	19.4	15.1	5.2	.6	T	-	-	.1	2.3	15.0	27.0	112.0
Minn.	Duluth	36	16.8	12.1	14.0	6.7	.9	T	-	T	T	1.1	10.0	15.5	77.1
	Minneapolis-St. Paul	41	9.3	8.3	10.6	2.5	.2	-	-	-	T	.4	6.2	9.0	46.5
Miss.	Jackson	16	.5	.2	.3	T	-	-	-	-	-	-	T	T	1.0
Mo.	Kansas City	45	6.0	3.9	3.9	.7	T	-	-	-	-	T	1.1	4.4	20.0
	St. Louis	43	5.4	4.3	4.6	.2	T	-	-	-	-	T	1.4	3.6	19.5
Mont.	Great Falls	42	10.2	8.5	9.8	7.5	1.4	.4	T	-	1.3	2.9	7.5	8.7	58.2
Nebr.	Omaha	44	8.4	7.3	6.7	.9	.1	-	-	-	T	.4	2.4	5.7	31.9
Nev.	Reno	37	6.2	5.3	5.0	1.5	1.0	T	-	-	T	.3	1.7	4.9	25.9
N.H.	Concord	38	18.4	15.0	11.3	2.3	.2	-	-	-	-	.1	4.0	14.1	65.4
N.J.	Atlantic City	35	5.1	5.8	3.1	.2	T	-	-	-	-	T	.4	2.4	17.0
N. Mex.	Albuquerque	40	2.4	2.0	2.0	.5	T	-	-	-	T	T	1.1	2.6	10.6
N.Y.	Albany	33	16.1	15.0	11.6	2.6	.1	-	-	-	-	.1	4.3	16.0	65.8
	Buffalo	36	24.5	18.5	11.8	3.3	.1	-	-	-	T	3.3	12.9	22.3	93.7
	New York ¹	111	7.7	8.8	5.1	.9	T	-	-	-	-	T	.9	5.8	29.2
N.C.	Charlotte	40	2.0	1.6	1.2	T	-	-	-	-	-	-	.1	.6	5.5
	Raleigh	35	2.5	2.5	1.3	T	-	-	-	-	-	-	.2	.8	7.3
N. Dak.	Bismarck	40	7.0	6.5	8.0	3.8	1.0	T	-	-	.2	1.2	5.2	6.6	39.5
Ohio	Cincinnati	32	7.9	5.2	4.8	.5	T	-	-	-	-	.1	2.7	3.7	24.9
	Cleveland	38	11.7	11.1	9.7	2.0	.1	-	-	-	-	T	5.5	11.2	52.0
	Columbus	32	8.7	6.1	4.8	.7	T	-	-	-	T	T	2.7	5.6	28.6
Okla.	Oklahoma City	40	3.0	2.6	1.6	T	-	-	-	-	-	T	.5	1.6	9.3
Oreg.	Portland	39	4.0	.7	.5	T	T	-	-	-	T	T	.5	1.5	7.2
Pa.	Philadelphia	37	6.3	6.8	3.8	.2	T	-	-	-	-	.1	.7	4.0	21.9
	Pittsburgh	27	12.6	10.2	8.7	1.5	.2	-	-	-	-	.2	3.9	8.3	45.6
R.I.	Providence	26	9.9	10.7	8.9	.6	.3	-	-	-	-	.2	.5	7.1	38.2
S.C.	Columbia	32	.3	.9	.2	-	-	-	-	-	-	-	T	.3	1.7
S. Dak.	Sioux Falls	34	6.5	9.1	10.2	1.6	T	-	-	-	T	.5	4.3	7.4	39.6
Tenn.	Memphis	29	2.2	1.4	1.1	T	-	-	-	-	-	-	.1	.9	5.7
	Nashville	38	4.3	3.1	1.7	.1	-	-	-	-	-	-	.6	1.9	11.7
Tex.	Dallas-Fort Worth	26	1.6	1.2	.3	-	-	-	-	-	-	-	.2	.2	3.5
	El Paso	40	1.3	.8	.4	T	-	-	-	-	-	T	1.1	1.0	4.6
	Houston	45	.2	.2	T	-	-	-	-	-	-	-	T	T	.4
Utah	Salt Lake City	51	13.3	9.8	10.2	5.0	.7	T	-	-	.1	1.0	6.4	11.9	58.4
Vt.	Burlington	36	19.1	17.3	12.1	3.6	.2	-	-	-	T	.3	7.1	19.4	79.1
Va.	Norfolk	31	3.0	2.4	.9	T	-	-	-	-	-	-	T	1.1	7.4
	Richmond	42	5.0	3.8	2.8	.1	T	-	-	-	-	T	.4	2.0	14.1
Wash.	Seattle-Tacoma	35	6.4	1.5	1.6	.1	T	-	-	-	T	.1	1.2	3.1	14.0
	Spokane	32	18.3	7.6	4.6	.6	.1	T	-	-	-	.5	6.0	15.4	53.1
W. Va.	Charleston	32	10.4	8.3	4.6	.4	T	-	-	-	-	.2	2.8	4.9	31.6
Wis.	Milwaukee	39	13.1	9.1	9.3	1.7	T	-	-	-	T	.1	3.1	10.4	46.8
Wyo.	Cheyenne	44	5.8	5.6	11.9	9.0	3.7	.3	-	-	.7	3.3	6.6	5.7	52.6
P.R.	San Juan	24	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero. ¹ City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

NO. 377. AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE—SELECTED CITIES

[Airport data, except as noted. For period of record through 1979, except as noted]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annu- al
Ala.....	Montgomery.....	29	47	54	58	65	65	66	63	66	62	67	56	50	59
Alaska.....	Juneau ¹	33	32	32	37	39	39	34	31	32	26	19	23	20	32
Ariz.....	Phoenix.....	84	78	80	83	88	93	94	85	85	89	88	84	77	86
Ark.....	Little Rock ²	32	46	54	57	62	68	73	71	73	68	69	56	48	64
Calif.....	Los Angeles ³	32	69	72	73	70	66	65	62	63	79	73	74	71	73
	Sacramento.....	31	46	61	71	80	87	92	97	96	93	84	63	47	79
	San Francisco ³	38	56	62	69	73	72	73	66	65	72	70	62	53	67
Colo.....	Denver.....	30	72	72	71	67	65	71	71	73	75	73	65	69	70
Conn.....	Hartford.....	25	57	58	57	57	56	59	62	62	59	57	46	49	58
Del.....	Wilmington ⁴	37	51	54	57	57	57	62	62	62	59	59	52	50	57
D.C.....	Washington.....	31	48	52	56	58	58	64	63	63	62	59	52	48	58
Fla.....	Jacksonville.....	29	57	61	67	72	69	63	61	59	54	58	61	56	62
	Key West ¹	19	72	76	82	85	80	73	77	77	71	70	72	73	76
Ga.....	Atlanta.....	44	48	54	57	66	68	67	62	65	63	68	60	50	61
Hawaii.....	Honolulu.....	27	63	64	68	67	69	70	74	75	75	68	60	59	68
Idaho.....	Boise ¹	37	41	51	63	67	71	75	88	85	82	68	45	40	67
Ill.....	Chicago.....	37	44	47	51	54	62	67	70	68	64	60	41	38	57
	Peoria.....	36	46	50	51	55	59	66	68	67	65	62	45	41	57
Ind.....	Indianapolis ²	35	41	51	51	55	62	67	67	70	67	63	43	40	56
Iowa.....	Des Moines.....	29	51	54	54	55	60	68	72	70	65	63	50	45	60
Kans.....	Wichita.....	26	59	60	61	62	65	70	74	74	66	67	59	59	65
Ky.....	Louisville.....	32	42	48	50	55	61	66	65	67	65	62	47	41	57
La.....	New Orleans.....	6	46	59	56	65	59	66	56	55	58	71	57	56	59
Maine.....	Portland.....	39	55	59	56	56	56	59	65	64	61	58	47	53	58
Md.....	Baltimore.....	29	51	56	56	56	56	62	64	61	60	59	51	49	57
Mass.....	Boston.....	44	53	57	57	57	59	64	66	66	64	61	51	53	60
Mich.....	Detroit ²	32	32	43	49	52	59	65	70	65	61	56	35	32	54
	Sault Ste. Marie.....	38	35	46	54	55	57	58	63	58	46	40	23	27	48
Minn.....	Duluth.....	29	49	54	55	54	56	58	66	61	52	48	34	40	54
	Minneapolis-St. Paul.....	41	51	58	54	56	59	63	71	67	61	57	39	40	58
Miss.....	Jackson.....	15	47	55	59	62	60	69	61	62	58	67	54	48	59
Mo.....	Kansas City.....	7	60	59	66	72	72	76	86	70	63	65	51	56	67
	St. Louis.....	20	53	52	54	56	61	68	71	65	64	62	48	44	59
Mont.....	Great Falls.....	37	48	56	66	61	63	65	80	76	68	61	46	44	63
Nebr.....	Omaha.....	43	55	54	54	57	62	68	74	71	67	66	52	49	62
Nev.....	Reno.....	37	66	68	76	81	82	85	93	93	92	84	71	64	81
N.H.....	Concord.....	38	51	55	52	53	54	58	63	60	55	54	42	47	55
N.J.....	Atlantic City.....	19	49	51	53	55	54	58	58	63	59	56	48	44	55
N. Mex.....	Albuquerque.....	40	72	73	73	77	79	83	76	76	80	80	77	72	77
N.Y.....	Albany.....	41	45	51	52	53	55	59	63	60	56	52	36	38	53
	Buffalo.....	36	32	39	46	52	58	66	69	66	60	52	29	27	52
	New York City ^{2, 5}	100	50	55	56	59	61	64	65	64	63	61	52	49	59
N.C.....	Charlotte.....	29	56	60	63	70	69	70	68	70	66	70	62	58	66
	Raleigh.....	25	55	60	63	64	59	61	61	61	60	62	61	56	60
N. Dak.....	Bismarck.....	40	55	55	60	58	63	65	76	73	66	59	45	47	62
Ohio.....	Cincinnati.....	64	41	45	50	55	60	67	68	66	66	58	44	39	56
	Cleveland.....	36	31	37	44	52	58	65	67	64	60	53	31	27	51
	Columbus.....	28	36	42	44	51	57	60	62	62	62	57	37	31	52
Okla.....	Oklahoma City.....	25	58	60	63	64	65	73	76	78	70	69	60	59	67
Oreg.....	Portland.....	30	25	36	45	51	56	54	69	64	60	42	30	21	49
Pa.....	Philadelphia.....	37	51	54	57	57	57	62	62	62	59	59	52	50	57
	Pittsburgh.....	27	34	38	45	48	51	57	58	56	58	53	39	30	49
R.I.....	Providence.....	26	56	57	56	56	57	58	59	61	59	59	49	53	57
S.C.....	Columbia.....	26	57	61	64	69	66	66	65	67	64	67	65	61	64
S. Dak.....	Rapid City.....	37	55	60	61	59	57	61	71	73	68	66	55	54	62
Tenn.....	Memphis.....	29	49	54	57	65	70	74	73	76	69	72	58	50	65
	Nashville.....	37	41	47	52	59	62	67	64	65	63	64	50	42	58
Tex.....	Amarillo.....	38	69	69	71	73	72	77	77	77	74	75	72	68	73
	El Paso.....	37	78	82	85	88	89	89	79	81	82	84	83	78	83
	Houston.....	10	42	53	48	51	59	66	66	63	59	64	55	61	57
Utah.....	Salt Lake City ²	41	48	55	64	67	73	79	84	83	84	73	54	45	70
Vt.....	Burlington.....	36	41	48	51	50	56	59	65	61	54	49	31	33	50
Va.....	Norfolk ¹	20	57	59	63	65	65	68	65	65	65	60	59	57	63
	Richmond.....	29	52	56	59	64	64	67	65	65	63	60	56	52	61
Wash.....	Seattle-Tacoma.....	13	23	39	50	52	58	56	66	61	57	43	28	18	49
	Spokane.....	31	26	39	53	60	63	66	80	77	70	52	29	21	57
W. Va.....	Parkersburg ²	80	32	37	43	50	56	59	62	60	59	54	37	29	49
Wis.....	Milwaukee.....	39	45	47	50	54	59	64	71	67	60	56	41	38	56
Wyo.....	Cheyenne.....	44	62	65	65	61	59	65	68	67	69	69	60	59	64
P.R.....	San Juan.....	24	66	69	73	66	60	59	66	65	60	60	58	59	64

¹ For period of record through 1978.² For period of record through 1977.³ For period of record through 1975.⁴ Datanot available, figures are for a nearby station. ⁵ City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

NO. 378. AVERAGE WIND SPEED—SELECTED CITIES

[In miles per hour. Airport data, except as noted. For period of record through 1979]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.....	Mobile.....	31	10.6	10.8	11.1	10.4	8.9	7.7	6.9	6.8	8.0	8.2	9.4	10.1	9.1
Alaska.....	Juneau.....	36	8.4	8.8	8.8	8.8	8.5	7.8	7.6	7.5	8.0	9.7	8.7	9.2	8.5
Ariz.....	Phoenix.....	34	5.2	5.9	6.6	7.0	7.1	7.0	7.3	6.7	6.4	5.9	5.4	5.2	6.3
Ark.....	Little Rock.....	37	8.8	9.2	10.0	9.4	8.0	7.5	6.9	6.6	6.9	7.0	8.2	8.5	8.1
Calif.....	Los Angeles.....	31	6.7	7.3	8.0	8.4	8.2	7.9	7.6	7.6	7.2	6.8	6.5	6.4	7.4
	Sacramento.....	31	7.7	7.8	8.9	9.0	9.4	9.9	9.1	8.7	7.7	6.7	6.3	7.0	8.2
	San Francisco.....	52	7.1	8.5	10.3	12.1	13.2	13.9	13.5	12.8	11.0	9.3	7.2	6.8	10.5
Colo.....	Denver.....	31	9.0	9.3	10.0	10.4	9.5	9.1	8.5	8.2	8.2	8.2	8.7	8.9	9.0
Conn.....	Hartford.....	25	9.4	9.7	10.2	10.4	9.2	8.4	7.7	7.4	7.5	8.0	8.6	8.9	8.8
Del.....	Wilmington.....	31	10.0	10.5	11.1	10.5	9.0	8.4	7.7	7.4	7.9	8.2	9.1	9.4	9.1
D.C.....	Washington.....	31	10.1	10.5	10.9	10.5	9.3	8.8	8.2	8.0	8.3	8.6	9.2	9.5	9.3
Fla.....	Jacksonville.....	30	8.5	9.4	9.3	9.0	8.5	8.3	7.4	7.2	8.1	8.5	8.1	8.1	8.4
	Miami.....	30	9.5	10.1	10.5	10.7	9.5	8.2	7.9	7.8	8.2	9.3	9.5	9.1	9.2
Ga.....	Atlanta.....	41	10.5	10.9	10.9	10.0	8.6	7.9	7.4	7.1	8.0	8.4	9.1	9.8	9.1
Hawaii.....	Honolulu.....	30	10.0	10.7	11.6	12.1	12.2	12.9	13.7	13.5	11.7	10.9	11.1	11.0	11.8
Idaho.....	Boise.....	40	8.4	9.2	10.2	10.3	9.6	9.1	8.5	8.3	8.3	8.5	8.5	8.4	8.9
Ill.....	Chicago.....	21	11.6	11.6	11.8	12.1	10.6	9.2	8.1	8.2	8.7	9.9	11.0	11.0	10.3
	Peoria.....	36	11.2	11.5	12.3	12.2	10.3	9.2	8.0	7.8	8.6	9.5	11.1	11.0	10.2
Ind.....	Indianapolis.....	31	11.1	11.1	11.8	11.4	9.6	8.6	7.5	7.2	8.0	8.9	10.5	10.6	9.7
Iowa.....	Des Moines.....	30	11.7	11.7	13.0	13.2	11.5	10.4	9.0	8.8	9.4	10.5	11.6	11.5	11.0
Kans.....	Wichita.....	26	12.4	12.9	14.4	14.4	12.7	12.3	11.2	11.2	11.4	12.1	12.2	12.2	12.5
Ky.....	Louisville.....	32	9.7	9.8	10.4	9.9	8.1	7.4	6.7	6.4	6.8	7.2	8.9	9.3	8.4
La.....	New Orleans.....	31	9.5	9.9	10.1	9.5	8.2	6.9	6.2	6.0	7.3	7.5	8.7	9.1	8.3
Maine.....	Portland.....	39	9.3	9.5	10.1	10.0	9.2	8.2	7.6	7.4	7.8	8.4	8.7	9.0	8.8
Md.....	Baltimore.....	29	10.0	10.6	11.1	10.9	9.4	8.6	8.0	8.0	8.2	8.9	9.4	9.4	9.4
Mass.....	Boston.....	22	14.2	14.1	13.9	13.3	12.2	11.4	10.8	10.7	11.2	12.1	12.9	13.8	12.6
Mich.....	Detroit.....	45	11.7	11.5	11.5	11.1	9.9	9.2	8.4	8.2	8.9	9.6	11.4	11.4	10.2
	Sault Ste. Marie.....	38	10.1	9.8	10.3	10.6	10.1	8.8	8.2	8.1	8.9	9.4	10.1	9.9	9.5
Minn.....	Duluth.....	30	11.9	11.6	12.0	13.0	12.1	10.7	9.7	9.7	10.6	11.3	12.0	11.4	11.3
	Minneapolis-St. Paul.....	41	10.4	10.5	11.3	12.3	11.3	10.5	9.3	9.1	9.8	10.4	10.9	10.3	10.5
Miss.....	Jackson.....	16	8.8	8.7	9.3	8.5	7.0	6.2	5.9	5.7	6.4	6.3	7.4	8.2	7.4
Mo.....	Kansas City.....	7	10.7	11.6	12.4	12.2	10.0	9.7	8.4	9.1	8.5	10.1	11.2	11.3	10.4
Mont.....	St. Louis.....	30	10.4	10.8	11.8	11.4	9.4	8.7	7.8	7.5	7.9	8.7	9.9	10.3	9.5
	Great Falls.....	38	15.5	14.7	13.5	13.0	11.5	11.3	10.1	10.4	11.5	13.5	14.8	16.0	13.0
Nebr.....	Omaha.....	43	11.1	11.4	12.6	13.1	11.3	10.4	9.0	9.1	9.6	10.0	11.1	10.8	10.8
Nev.....	Reno.....	37	5.8	6.1	7.6	8.1	7.7	7.3	6.7	6.3	5.5	5.3	5.2	5.0	6.4
N.H.....	Concord.....	38	7.4	8.0	8.3	7.9	7.1	6.4	5.6	5.3	5.5	6.0	6.5	7.1	6.8
N.J.....	Atlantic City.....	21	11.8	12.0	12.3	12.1	10.6	9.7	8.9	8.5	9.0	9.6	10.9	11.2	10.5
N. Mex.....	Albuquerque.....	40	8.0	8.8	10.1	11.0	10.5	10.0	9.1	8.2	8.6	8.3	7.9	7.7	9.0
N.Y.....	Albany.....	41	9.9	10.4	10.7	10.6	9.1	8.2	7.4	7.0	7.4	8.0	9.0	9.3	8.9
	Buffalo.....	40	14.5	14.0	13.7	13.0	11.7	11.2	10.5	10.0	10.6	11.4	12.9	13.5	12.3
	New York ¹	57	10.7	10.9	11.0	10.5	8.8	8.1	7.7	7.6	8.1	8.9	9.9	10.4	9.4
N.C.....	Charlotte.....	30	8.0	8.5	8.9	8.9	7.6	6.9	6.6	6.5	6.8	7.1	7.3	7.4	7.5
	Raleigh.....	30	8.6	9.1	9.5	9.1	7.7	7.0	6.7	6.4	6.8	7.2	7.8	8.0	7.8
N. Dak.....	Bismarck.....	40	10.1	10.1	11.1	12.4	12.0	10.7	9.4	9.6	10.1	10.1	10.2	9.6	10.4
Ohio.....	Cincinnati.....	32	10.7	10.6	11.2	10.8	8.8	7.9	7.1	6.7	7.4	8.1	9.6	10.2	9.1
	Cleveland.....	38	12.5	12.2	12.4	11.8	10.3	9.4	8.7	8.4	9.1	10.1	12.0	12.4	10.8
	Columbus.....	30	14.4	10.3	10.8	10.1	8.5	7.5	6.7	6.4	6.8	7.7	9.5	9.9	8.7
Okla.....	Oklahoma City.....	31	13.2	13.5	15.0	14.8	13.1	12.5	11.1	10.7	11.2	12.1	12.5	12.7	12.7
Oreg.....	Portland.....	31	10.1	9.0	8.3	7.2	7.0	7.1	7.5	7.1	6.5	6.5	8.5	9.6	7.0
Pa.....	Philadelphia.....	39	10.5	11.1	11.5	11.0	9.7	8.8	8.1	7.9	8.3	8.9	9.6	10.1	9.6
	Pittsburgh.....	27	10.8	10.9	11.1	10.7	9.2	8.2	7.5	7.1	7.6	8.5	10.0	10.5	9.3
R.I.....	Providence.....	26	11.5	11.7	12.2	12.3	11.0	10.0	9.5	9.3	9.5	9.7	10.5	11.0	10.7
S.C.....	Columbia.....	31	7.1	7.6	8.3	8.3	6.9	6.7	6.4	5.9	6.1	6.1	6.4	6.6	6.9
S. Dak.....	Sioux Falls.....	31	11.0	11.1	12.6	13.5	12.0	10.7	9.7	9.8	10.2	10.8	11.6	10.8	11.2
Tenn.....	Memphis.....	31	10.5	10.5	11.3	10.7	8.9	8.1	7.5	7.0	7.5	7.8	9.3	10.0	9.1
	Nashville.....	38	9.2	9.4	10.0	9.4	7.6	7.0	6.4	6.1	6.3	6.6	8.4	8.9	7.9
Tex.....	Dallas-Fort Worth.....	26	11.3	12.0	13.1	12.7	11.1	10.8	9.4	9.0	9.3	9.6	10.6	11.0	10.8
	El Paso.....	37	8.9	9.8	11.7	11.8	10.9	10.0	8.8	8.3	8.2	8.0	8.4	8.4	9.4
	Houston.....	10	8.4	8.8	9.5	9.2	8.0	7.4	6.6	5.5	6.7	6.5	7.7	7.7	7.7
Utah.....	Salt Lake City.....	50	7.7	8.2	9.3	9.5	9.4	9.3	9.4	9.6	9.1	8.5	7.8	7.5	8.8
Vt.....	Burlington.....	36	9.6	9.3	9.4	9.3	8.8	8.3	7.8	7.5	8.1	8.7	9.5	9.8	8.8
Va.....	Norfolk.....	31	11.6	12.0	12.3	11.7	10.3	9.6	8.8	8.8	9.6	10.3	10.6	11.0	10.6
	Richmond.....	31	8.0	8.5	8.9	8.8	7.7	7.2	6.6	6.3	6.5	6.8	7.3	7.5	7.5
Wash.....	Seattle-Tacoma.....	31	10.1	9.8	10.1	9.7	9.1	8.9	8.3	8.0	8.2	8.8	9.2	9.9	9.2
	Spokane.....	32	8.7	9.2	9.6	9.8	9.0	8.9	8.3	8.1	8.1	8.0	8.3	8.8	8.7
W. Va.....	Charleston.....	32	7.6	7.8	8.4	7.7	6.2	5.6	5.1	4.5	4.8	5.3	6.8	7.2	6.4
Wis.....	Milwaukee.....	39	12.9	12.7	13.2	13.1	11.9	10.5	9.7	9.6	10.6	11.5	12.7	12.5	11.7
Wyo.....	Cheyenne.....	22	15.5	15.2	14.9	14.6	13.0	11.7	10.5	10.6	11.3	12.3	13.5	15.0	13.2
P.R.....	San Juan.....	24	9.1	9.3	9.7	9.4	8.8	9.1	10.0	9.3	7.7	7.0	7.6	8.7	8.8

¹ City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

No. 379. NORMAL MONTHLY AND SEASONAL HEATING DEGREE DAYS, 65° BASE—SELECTED CITIES

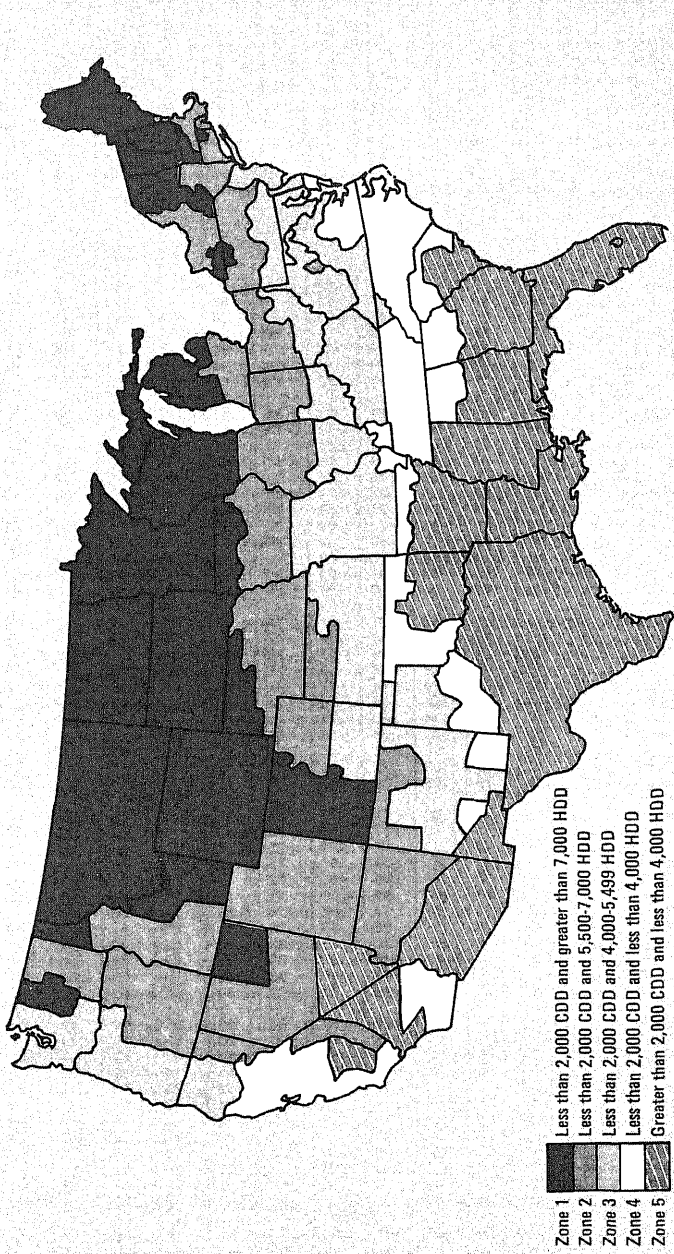
[Airport data, except as noted, Based on standard 30-year period, 1941 through 1970. For definition of "degree day," see text, p.1]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Seasonal
Ala.	Mobile	451	337	221	40	-	-	-	-	-	39	211	385	1,684
Alaska	Juneau	1,287	1,036	1,026	783	564	354	288	332	474	719	975	1,169	9,007
Ariz.	Phoenix	428	292	185	60	-	-	-	-	-	17	182	388	1,552
Ark.	Little Rock	791	619	470	139	21	-	-	-	5	143	441	725	3,354
Calif.	Los Angeles	331	270	267	195	114	71	19	15	23	77	158	267	1,819
	Sacramento	617	426	372	227	120	20	-	-	5	101	380	595	2,843
	San Francisco	518	386	372	291	210	120	93	84	66	137	291	474	3,042
Colo.	Denver	1,088	902	868	525	253	80	-	-	120	408	768	1,004	6,016
Conn.	Hartford	1,246	1,070	911	519	226	24	-	12	106	384	711	1,141	6,350
Del.	Wilmington	1,023	879	725	381	128	-	-	-	32	254	579	939	4,940
D.C.	Washington	911	776	617	265	72	-	-	-	14	190	510	856	4,211
Fla.	Jacksonville	348	282	176	24	-	-	-	-	-	19	161	317	1,327
	Miami	53	67	17	-	-	-	-	-	-	-	13	56	206
Ga.	Atlanta	701	560	443	144	27	-	-	-	8	137	408	667	3,095
Hawaii	Honolulu	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	Boise	1,116	826	741	480	252	97	-	12	127	406	756	1,020	5,833
Ill.	Chicago	1,305	1,089	908	486	240	45	7	18	90	360	774	1,175	6,497
	Peoria	1,277	1,044	859	416	180	17	-	8	70	327	753	1,147	6,098
Ind.	Indianapolis	1,150	960	784	387	159	11	-	5	63	302	699	1,057	5,577
Iowa	Des Moines	1,414	1,142	964	465	186	26	-	13	94	350	816	1,240	6,710
Kans.	Wichita	1,045	804	671	275	90	7	-	-	32	211	606	946	4,687
Ky.	Louisville	983	818	661	286	105	-	-	-	35	241	600	911	4,640
La.	New Orleans	403	299	188	29	-	-	-	-	-	40	179	327	1,465
Maine	Portland	1,349	1,179	1,029	669	381	106	27	55	200	493	792	1,218	7,498
Md.	Baltimore	980	846	688	340	110	-	-	-	27	250	567	921	4,729
Mass.	Boston	1,110	969	834	492	218	27	-	8	76	301	594	992	5,621
Mich.	Detroit	1,225	1,067	918	507	238	26	-	11	80	342	717	1,097	6,228
	Sault Ste. Marie	1,575	1,394	1,271	804	496	200	96	125	291	583	966	1,392	9,193
Minn.	Duluth	1,751	1,481	1,287	792	484	194	67	104	318	611	1,098	1,569	9,756
	Minneapolis-St. Paul	1,637	1,358	1,138	597	271	65	11	21	173	472	978	1,438	8,159
Miss.	Boise	569	442	313	74	6	-	-	-	-	91	301	504	2,300
Mo.	Kansas City	1,175	916	753	336	127	15	-	-	50	259	681	1,045	5,357
	St. Louis	1,045	837	682	272	103	10	-	-	35	224	600	942	4,750
Mont.	Great Falls	1,380	1,075	1,070	648	367	162	18	42	260	524	912	1,194	7,652
Nebr.	Omaha	1,314	1,036	865	391	148	20	-	6	71	301	750	1,147	6,049
Nev.	Reno	1,026	781	766	546	328	145	17	50	168	456	747	992	6,022
N.H.	Concord	1,376	1,187	1,014	624	315	58	16	45	182	487	810	1,246	7,360
N.J.	Atlantic City	1,001	871	741	399	131	9	-	-	35	262	570	927	4,946
N. Mex.	Albuquerque	924	700	595	282	58	-	-	-	7	218	615	893	4,292
N.Y.	Albany	1,349	1,162	980	543	253	39	9	22	135	422	762	1,212	6,888
	Buffalo	1,280	1,137	1,020	603	321	58	12	33	138	419	756	1,150	6,927
	New York	1,017	885	741	387	137	-	-	-	29	209	528	915	4,846
N.C.	Charlotte	710	588	461	145	34	-	-	-	10	152	420	698	3,218
	Raleigh	760	638	502	180	48	-	-	-	12	166	450	738	3,514
N. Dak.	Bismarck	1,761	1,442	1,237	660	339	122	18	35	252	564	1,083	1,531	9,044
Ohio	Cincinnati	1,051	888	722	341	138	9	-	-	44	271	636	970	5,070
	Cleveland	1,181	1,039	896	501	244	40	9	17	95	354	702	1,076	6,154
	Columbus	1,135	972	800	418	176	13	-	8	76	342	699	1,063	5,702
Okla.	Oklahoma City	874	664	532	180	36	-	-	-	12	148	474	775	3,695
Oreg.	Portland	834	622	598	432	264	128	48	56	119	347	591	753	4,792
Pa.	Philadelphia	1,014	871	716	367	122	-	-	-	38	249	564	924	4,865
R.I.	Pittsburgh	1,144	1,000	834	444	208	26	7	16	98	372	711	1,070	5,930
S.C.	Providence	1,135	997	871	531	258	36	-	10	93	350	651	1,039	5,972
	Columbia	608	493	360	83	12	-	-	-	-	112	341	589	2,598
S. Dak.	Sioux Falls	1,575	1,277	1,085	567	259	65	10	18	165	465	957	1,395	7,838
Tenn.	Memphis	760	594	457	131	22	-	-	-	7	142	423	691	3,227
	Nashville	828	672	524	176	45	-	-	-	10	180	498	763	3,696
Tex.	Dallas-Fort Worth	626	456	335	88	-	-	-	-	-	60	287	530	2,382
	El Paso	663	465	328	89	-	-	-	-	-	92	402	639	2,678
	Houston	416	294	189	23	-	-	-	-	-	24	155	333	1,434
Utah	Salt Lake City	1,147	885	787	474	237	88	-	5	105	402	777	1,076	5,983
Vi.	Burlington	1,494	1,299	1,113	660	331	63	20	49	191	502	840	1,314	7,876
Va.	Norfolk	760	661	532	226	53	-	-	-	9	141	402	704	3,488
	Richmond	853	717	569	226	64	-	-	-	21	203	480	806	3,939
Wash.	Seattle-Tacoma	831	636	488	313	167	80	82	170	397	612	760	5,185	26,850
	Spokane	1,228	918	853	567	327	144	21	47	196	533	885	1,116	6,835
W. Va.	Charleston	946	798	642	287	113	10	-	-	46	267	588	893	4,590
Wis.	Milwaukee	1,414	1,190	1,042	609	348	90	15	36	140	440	855	1,265	7,444
Wyo.	Cheyenne	1,190	1,008	1,035	669	394	156	22	31	225	530	885	1,110	7,255
P.R.	San Juan	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero 1 City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81.

Figure 7.2
U.S. Weather Zone Map of Heating Degree Days (HDD) and Cooling Degree Days (CDD)



Note: Heating degree days (HDD) refers to the number of degrees the daily average temperature is below 65 degrees Fahrenheit. Cooling degree days (CDD) refers to the number of degrees the daily average temperature is above 65 degrees Fahrenheit.

Source: Chart prepared by U.S. Bureau of the Census.

No. 380. AVERAGE RELATIVE HUMIDITY,

[Airport data, except as noted, Eastern standard time. For period of record through 1979. Hours selected to give, observations were made on

STATE	STATION	Length of record (yr.)	Jan.		Feb.		Mar.		Apr.		May		June	
			7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.
Ala.....	Mobile.....	17	81	62	81	55	83	56	87	54	86	54	86	54
Alaska.....	Juneau.....	36	79	76	80	74	79	69	74	64	74	62	75	64
Ariz.....	Phoenix.....	19	45	32	38	26	33	23	23	15	18	13	17	12
Ark.....	Little Rock.....	19	80	62	79	58	78	56	82	56	86	57	86	55
Calif.....	Los Angeles.....	20	56	60	59	63	62	65	61	64	66	66	70	68
	Sacramento.....	19	85	70	79	61	68	52	58	43	50	36	47	31
	San Francisco.....	20	79	67	75	65	70	63	65	61	64	60	64	60
Colo.....	Denver.....	19	45	48	43	42	42	40	38	35	39	37	37	35
Conn.....	Hartford.....	20	72	57	73	56	72	53	69	44	73	47	78	52
Del.....	Wilmington.....	32	75	60	75	58	74	53	73	50	76	53	78	54
D.C.....	Washington.....	19	68	54	67	51	68	49	68	47	72	51	75	52
Fla.....	Jacksonville.....	43	87	57	85	52	85	49	85	48	84	50	86	56
	Miami.....	15	84	60	83	57	82	56	79	54	82	61	86	67
Ga.....	Atlanta.....	19	78	60	75	54	78	51	79	50	83	55	85	58
Hawaii.....	Honolulu.....	10	80	63	77	60	73	58	69	57	67	55	67	53
Idaho.....	Boise.....	40	73	70	68	61	55	44	47	36	45	34	42	30
Ill.....	Chicago.....	21	76	68	76	65	79	62	77	55	76	54	78	55
	Peoria.....	20	77	68	79	66	81	64	78	56	81	57	81	56
Ind.....	Indianapolis.....	20	81	70	80	67	80	63	78	56	82	57	83	57
Iowa.....	Des Moines.....	18	76	68	78	67	78	63	78	57	78	55	80	56
Kans.....	Wichita.....	26	79	63	78	60	76	54	77	52	83	55	82	53
Ky.....	Louisville.....	19	77	65	77	62	76	59	75	53	83	56	84	58
La.....	New Orleans.....	31	85	67	84	63	85	61	88	60	89	60	89	62
Maine.....	Portland.....	39	77	62	76	59	75	59	73	55	75	58	79	61
Md.....	Baltimore.....	26	71	58	71	55	71	51	71	49	77	53	80	53
Mass.....	Boston.....	15	68	58	66	56	68	57	66	53	71	58	74	59
Mich.....	Detroit.....	45	78	69	78	65	77	60	73	52	71	51	73	53
	Sault Ste. Marie.....	38	82	76	82	72	83	68	80	61	80	56	85	62
Minn.....	Duluth.....	18	74	68	74	63	77	63	77	57	76	54	81	59
	Minneapolis-St. Paul.....	20	72	66	73	64	76	63	76	54	76	52	79	54
Miss.....	Jackson.....	16	87	66	86	59	88	57	91	57	92	56	91	56
Mo.....	Kansas City.....	7	74	65	76	63	78	62	76	58	83	59	84	57
	St. Louis.....	19	83	66	81	63	82	59	79	55	83	56	84	56
Mont.....	Great Falls.....	18	63	62	59	56	53	48	49	42	46	40	44	40
Nebr.....	Omaha.....	15	76	65	77	61	76	57	76	53	79	55	81	55
Nev.....	Reno.....	16	68	50	58	39	47	33	38	28	33	26	32	23
N.H.....	Concord.....	14	74	60	75	57	78	56	75	45	79	48	85	54
N.J.....	Atlantic City.....	15	75	58	76	56	76	55	75	50	79	57	83	58
N. Mex.....	Albuquerque.....	19	50	39	44	32	32	23	25	18	24	17	23	17
N.Y.....	Albany.....	14	79	64	76	58	74	54	70	47	76	52	79	56
	Buffalo.....	19	80	74	80	71	80	67	78	58	76	56	78	57
	New York ¹	58	68	60	68	58	67	55	67	51	71	53	74	55
N.C.....	Charlotte.....	19	78	56	75	51	80	51	79	47	84	54	86	57
	Raleigh.....	15	79	55	75	49	80	49	81	45	87	56	88	58
N. Dak.....	Bismarck.....	20	72	66	75	67	78	62	79	54	79	49	84	53
Ohio.....	Cincinnati.....	17	79	68	76	62	77	60	76	54	80	54	82	56
	Cleveland.....	19	77	70	77	68	78	65	76	58	77	58	80	58
	Columbus.....	20	76	68	75	64	73	58	75	53	79	55	81	55
Okla.....	Oklahoma City.....	14	79	61	78	57	75	52	78	52	83	58	84	56
Oreg.....	Portland.....	39	82	76	80	68	72	60	68	55	66	53	64	48
Pa.....	Philadelphia.....	20	73	59	70	56	71	53	69	48	75	53	78	55
	Pittsburgh.....	19	76	66	74	62	74	58	72	50	76	51	79	52
R.I.....	Providence.....	16	72	58	70	55	70	54	68	47	72	52	76	57
S.C.....	Columbia.....	13	82	55	80	47	83	48	83	43	87	51	88	53
S. Dak.....	Sioux Falls.....	16	74	67	77	67	80	63	80	56	80	53	82	56
Tenn.....	Memphis.....	40	78	63	78	59	76	56	78	53	82	55	83	56
	Nashville.....	14	80	65	79	59	78	54	80	52	87	56	88	56
Tex.....	Dallas-Fort Worth.....	16	80	61	79	59	80	57	85	59	88	61	85	55
	El Paso.....	19	44	34	35	25	28	20	22	15	22	15	25	17
	Houston.....	10	88	66	88	58	89	60	92	61	94	60	93	59
Utah.....	Salt Lake City.....	20	70	68	63	58	52	45	44	39	37	31	31	26
Vt.....	Burlington.....	14	70	64	72	63	73	59	75	53	75	51	79	57
Va.....	Norfolk.....	31	75	59	74	56	74	54	73	50	78	57	79	57
	Richmond.....	45	81	57	79	52	78	49	75	45	79	51	82	54
Wash.....	Seattle-Tacoma.....	20	78	74	76	67	74	62	71	58	67	54	66	52
	Spokane.....	20	82	77	79	69	67	54	56	44	52	40	47	34
W. Va.....	Charleston.....	32	77	63	76	59	74	53	75	47	82	50	86	54
Wis.....	Milwaukee.....	19	75	68	75	67	79	66	79	62	79	61	81	62
Wyo.....	Cheyenne.....	20	45	48	43	45	44	45	41	39	39	41	39	40
P.R.....	San Juan.....	24	80	64	79	62	77	60	75	62	77	65	78	66

¹ City office data.

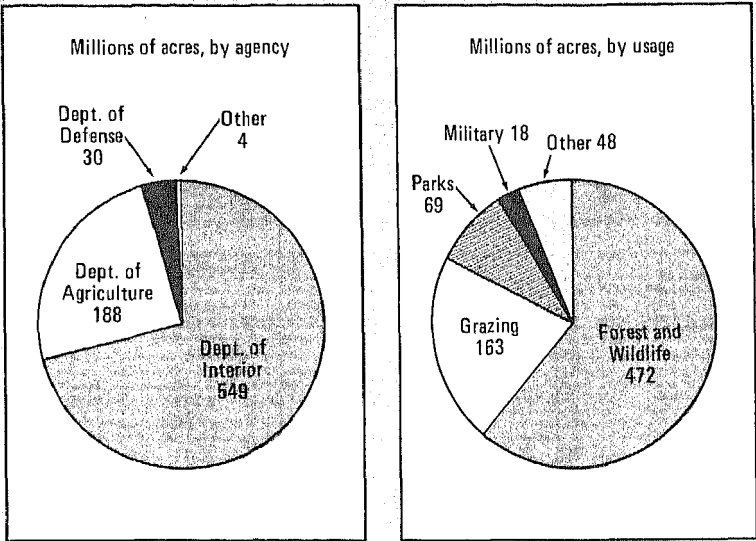
PERCENT—SELECTED CITIES

for most of country, approximation of average highest and average lowest humidity values. Relative humidity the half-hour prior to 1957]

July		Aug.		Sept.		Oct.		Nov.		Dec.		Annual		STATE	STATION
7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.		
89	61	90	61	88	61	85	51	85	56	83	61	85	57	Ala.....	Mobile.
81	70	83	73	87	77	87	80	85	81	82	81	81	73	Alaska.....	Juneau.
28	20	33	23	31	23	30	22	37	28	46	33	32	22	Ariz.....	Phoenix.
87	58	87	56	89	59	85	51	82	57	80	61	83	57	Ark.....	Little Rock.
69	68	69	69	66	67	61	65	57	63	54	61	62	65	Calif.....	Los Angeles.
47	28	50	29	50	31	57	39	75	59	85	70	63	46	Calif.....	Sacramento.
66	60	67	62	65	59	67	59	73	64	79	66	69	62	Calif.....	San Francisco.
35	35	36	35	38	34	36	35	45	50	44	51	40	40	Colo.....	Denver.
79	51	84	54	87	56	84	52	80	57	77	61	77	53	Conn.....	Hartford.
80	54	83	56	85	56	84	54	80	56	76	59	78	55	Del.....	Wilmington.
76	53	80	55	80	56	79	52	74	53	70	56	73	52	D.C.....	Washington.
88	58	90	60	91	62	90	58	89	55	88	58	87	55	Fa.....	Jacksonville.
85	64	86	66	89	68	87	65	85	61	84	60	84	62	Ga.....	Miami.
90	63	91	62	90	61	84	52	82	54	80	59	83	57	Ga.....	Atlanta.
66	51	67	54	66	52	68	55	74	59	77	60	71	56	Hawaii.....	Honolulu.
33	21	34	23	39	30	48	40	65	60	73	71	52	44	Idaho.....	Boise.
81	57	84	57	84	57	81	55	80	64	80	70	79	60	Ill.....	Chicago.
85	58	88	60	88	58	85	58	83	66	83	72	82	61	Ill.....	Peoria.
87	60	91	62	91	59	88	57	85	67	83	73	84	62	Ind.....	Indianapolis.
81	57	84	58	84	59	78	54	79	64	79	70	80	61	Iowa.....	Des Moines.
78	49	79	49	82	55	79	52	79	57	79	61	79	55	Kans.....	Wichita.
86	59	88	58	89	60	86	56	79	61	77	65	81	59	Ky.....	Louisville.
91	66	91	66	89	66	88	59	86	61	86	66	88	63	La.....	New Orleans.
80	60	84	59	86	61	85	59	84	63	80	62	80	60	Maine.....	Portland.
82	53	85	56	85	56	82	54	77	55	74	58	77	54	Md.....	Baltimore.
73	56	76	59	79	61	76	58	75	61	71	60	72	58	Mass.....	Boston.
74	51	79	53	82	55	80	55	79	64	79	69	77	58	Mich.....	Detroit.
39	62	92	63	92	67	89	67	87	76	85	78	85	67	Mich.....	Sault Ste. Marie.
33	58	87	62	86	63	81	61	80	69	78	73	80	63	Minn.....	Duluth.
81	54	84	56	86	60	82	58	80	66	77	70	79	60	Minn.....	Minneapolis-St. Paul.
93	60	94	60	94	61	93	53	91	58	88	64	91	59	Miss.....	Jackson.
82	56	86	59	86	60	79	55	78	62	75	62	80	60	Mo.....	Kansas City.
86	57	89	57	91	59	85	55	85	63	85	69	84	60	Mo.....	St. Louis.
38	29	38	30	45	36	46	41	55	54	61	60	50	45	Mont.....	Great Falls.
83	56	86	59	87	61	82	55	80	62	79	67	80	59	Nebr.....	Omaha.
28	19	31	20	34	21	40	26	56	41	65	51	44	31	Nev.....	Reno.
86	52	89	54	91	57	87	54	85	61	80	64	82	55	N.H.....	Concord.
84	58	86	58	86	59	86	56	82	57	76	58	80	57	N.J.....	Atlantic City.
35	27	39	29	40	31	37	28	42	35	50	42	37	28	N. Mex.....	Albuquerque.
80	54	85	57	88	59	85	56	81	63	81	66	79	57	N.Y.....	Albany.
79	55	84	59	83	60	82	61	82	70	82	75	80	63	N.Y.....	Buffalo.
75	55	78	57	79	57	76	55	73	59	69	60	72	56	N.Y.....	New York. ¹
88	59	90	59	90	58	88	53	84	53	79	57	83	54	N.C.....	Charlotte.
90	59	93	61	93	60	90	54	85	51	80	55	85	54	N.C.....	Raleigh.
83	47	82	44	82	49	78	50	79	62	77	69	79	56	N. Dak.....	Bismarck.
85	57	88	58	88	59	83	55	80	63	79	69	81	60	Ohio.....	Cincinnati.
82	58	85	60	84	61	81	60	79	66	77	71	79	63	Ohio.....	Cleveland.
84	56	87	59	88	59	82	55	81	64	78	69	80	59	Ohio.....	Columbus.
81	50	82	51	84	56	78	50	78	54	76	56	80	54	Okla.....	Oklahoma City.
61	45	65	47	67	49	79	63	82	74	84	79	72	60	Oreg.....	Portland.
79	55	81	55	83	57	83	54	77	56	74	59	76	55	Pa.....	Philadelphia.
82	53	86	56	86	57	81	54	79	63	76	67	78	57	Pa.....	Pittsburgh.
77	57	80	56	82	57	80	54	78	59	75	59	75	55	R.I.....	Providence.
89	56	93	58	93	58	91	50	88	49	84	54	87	52	S.C.....	Columbia.
81	52	83	53	85	57	81	54	82	64	79	70	80	59	S. Dak.....	Sioux Falls.
85	57	86	56	86	56	83	51	79	55	78	61	81	57	Tenn.....	Memphis.
91	59	92	61	92	61	87	55	81	59	80	63	85	58	Tenn.....	Nashville.
81	50	83	52	87	59	82	54	81	56	78	58	82	57	Tex.....	Dallas-Fort Worth.
39	29	40	31	44	34	36	28	38	32	43	36	35	27	Tex.....	El Paso.
94	59	95	61	95	65	93	57	91	60	89	62	92	60	Tex.....	Houston.
26	20	29	22	34	27	42	39	57	58	70	71	46	42	Utah.....	Salt Lake City.
80	54	85	59	87	64	81	63	79	69	76	70	78	60	Vt.....	Burlington.
82	60	85	62	84	62	83	60	79	56	75	58	78	58	Va.....	Norfolk.
85	57	89	57	90	57	90	53	85	50	82	55	83	53	Va.....	Richmond.
65	48	70	53	74	59	79	68	80	74	80	77	73	62	Wash.....	Seattle-Tacoma.
39	25	43	28	50	34	65	49	81	74	84	81	62	51	W. Va.....	Spokane.
90	61	92	58	91	56	88	53	80	56	77	62	82	56	W. Va.....	Charleston.
82	61	87	62	87	63	82	63	81	67	80	73	81	65	Wis.....	Milwaukee.
34	37	34	35	35	36	36	38	42	47	43	49	40	42	Wyo.....	Cheyenne.
78	66	79	66	79	67	80	66	81	66	80	65	79	64	P.R.....	San Juan.

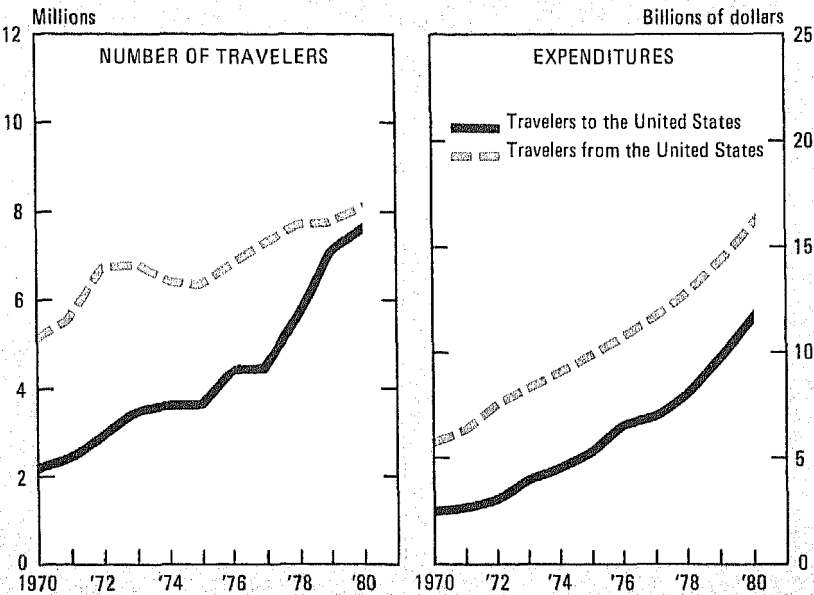
Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

Figure 8.1
Land Owned by the Federal Government: 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 385.

Figure 8.2
Travelers to and from the United States: 1970 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 413 and 414.



Section 8

Public Lands, Parks, Recreation, and Travel

This section presents statistics on the Federal public domain and federally owned and leased real property, Indian lands, national parks and forests, State parks, recreational activities, the arts and humanities, and domestic and foreign travel.

The primary source for data on public lands is *Public Land Statistics*, published annually by the Department of the Interior, Bureau of Land Management. Data on federally owned land and real property are collected by the General Services Administration and presented in its annual *Inventory Report on Real Property Owned by the United States Throughout the World*. The Economic Research Service of the Department of Agriculture also issues statistics on land use and land ownership; see also section 24.

Public domain and acquired lands.—"Original public-domain land" refers to land which was untitled at the time the U.S. Government acquired sovereignty over it; that is, no claim of legal ownership had been established by a private individual, or by any State or political subdivision. Title to this land passed directly to the U.S. Government at the time sovereignty was acquired. (Federally owned land within the District of Columbia is not considered to be original public-domain land.)

Any original public-domain land which the government has not disposed of under the public-land laws are "public domain lands," as are those lands which were obtained by the Federal Government in exchange for public lands or for timber on public lands. "Acquired lands" are lands the U.S. Government has gained by purchase, condemnation, and gift, and by exchange for purchased, condemned or donated lands or for timber on such lands. These lands were acquired for various public purposes, such as sites for public buildings, defense installations, and natural resources conservation activities.

Indian lands.—Indian lands are the private landholdings of individual Indians or Indian tribes that are subject to special restrictive provisions of Federal law administered by the Bureau of Indian Affairs. They have been set aside for Indian use by treaties, congressional acts, and executive orders. Although most of these lands are in reservations for specific tribes, there are groups of scattered off-reservation allotments in individual ownership and other small tracts of land occupied by Indian groups.

Entries, selections, patents, and certifications.—The data on entries, selections, patents, and certifications refer to transactions which involve the disposal, under the public land laws (including the homestead laws), of Federal public lands to non-Federal owners. In general, original entries and selections are applications to secure title to public lands which have been accepted as properly filed. Some types of applications, however, are not reported until issuance of the final certificate, which passes equitable title to the land to the applicant. Applications become final entries (perfected entries) upon issuance of a final certificate to the applicant after he has complied fully with the requirements of the laws relating to his application. Patents are Government deeds which pass legal title to the land to the applicant. Certifications are issued in lieu of patents in connection with certain State selections.

Parks and recreation.—The Department of the Interior has responsibility for administering the national parks. As part of this function, it compiles data on and issues various reports relating to the usage of public parks for recreation purposes. The National Park Service publishes information on visits to national park areas in its annual report, *National Park Statistical Abstract*; the *Index-National Park System and Related Areas*, a biannual report, presents data on acreage in public parks; and its *National Parks and Landmarks* gives brief descriptions of each area administered by the Service and also covers sites eligible for registry as natural or national historic landmarks and nonfederally owned national historic sites. The National Park Service is also responsible for the administration of the Land and Water Conservation Fund, the Urban Park and Recreation program and several other outdoor recreation programs which were administered by the Heritage Conservation and Recreation Service until its abolishment in 1981.

Statistics for State parks are compiled by the National Association of State Park Directors which issues its annual *Information Exchange*. The Bureau of Land Management, in its *Public Land Statistics*, also issues data on recreational use of its lands. The Department of Agriculture's Forest Service, in its *Report of the Forest Service*, issues data on recreational uses of the national forests.

Statistics on recreation other than usage of public lands have not generally been compiled and published in a systematic way. In general, more data are available in the files of public and private bodies than have been published; and much of what is published is in forms not physically permanent nor likely to be preserved in libraries and other reference sources. The series presented here represent only the more readily available data.

Domestic and foreign travel.—Data on the volume and characteristics of domestic travel are collected and published by the Bureau of the Census as part of its Census of Transportation carried out every 5 years. The most recent data now available are from the 1977 census. Comparable data appear in the Bureau's 1963 *Passenger Transportation Survey*, vol. I, and its 1967 and 1972 *National Travel Survey*, vol. I.

Information on foreign travel and personal expenditures abroad, as well as expenditures by foreign citizens traveling in the United States, is compiled by the U.S. Bureau of Economic Analysis and published in the monthly *Survey of Current Business*. Data on the number of passports issued annually to U.S. citizens are to be found in the annual *Summary of Passport Statistics* issued by the U.S. Dept. of State's Bureau of Consular Affairs. Statistics on arrivals to and departures from the United States by air are reported by the Department of Transportation in cooperation with the U.S. Immigration and Naturalization Service in *International Air Travel Statistics*. Prior to 1976, data on sea travel were published by the U.S. Immigration and Naturalization Service in its *Annual Report*.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to the Census of Transportation, see Appendix III.

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

NO. 381. OWNERSHIP OF LAND, BY CLASS: 1959 TO 1978

[In millions of acres, except percent. See also *Historical Statistics, Colonial Times to 1970*, series J 66, J 71, and J 76]

YEAR	Total ¹	Private land ²	Indian lands ³	PUBLIC LAND			
				Total	Federal ⁴	State ⁴	County and municipal
1959.....	2,271	1,332	53	886	765	103	18
1969.....	2,264	1,317	50	897	763	114	20
1974.....	2,264	1,316	51	897	761	116	20
1978.....	2,264	1,315	52	897	742	135	20
Percent distribution.....	100.0	58.1	2.3	39.6	32.7	6.0	.9

¹ Changes in total land area are due to variable methods and materials used in periodic remeasurements, and to the construction of artificial reservoirs. ² Land owned by individuals, partnerships, and corporations. ³ Managed in trust by Bureau of Indian Affairs. ⁴ Changes in Federal and State land holdings mainly represent Federal land grants to the State of Alaska. Part of the change indicated after 1974 may have occurred prior to 1974.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Major Uses of Land in the United States*, November 1979 and unpublished data.

No. 382. AREA AND ACQUISITION OF THE FEDERAL PUBLIC DOMAIN: 1781 TO 1979

[In millions of acres. Areas of acquisitions are as computed in 1912, and do not agree with figures in square miles shown in table 353 which include later adjustments and reflect subsequent remeasurement. Excludes outlying areas of the United States amounting to 645,949 acres in 1978. See also *Historical Statistics, Colonial Times to 1970*, series J 3-6]

YEAR	Land area, total ¹	YEAR	Land area ¹			YEAR AND ACQUISITION	Total acreage
			Total	Public domain	Acquired		
1802	200.0	1970	761.3	706.4	54.9	Aggregate	1,837.8
1850	1,200.0	1971	760.2	704.8	55.9	1781-1802 (State Cessions)	236.8
1880	900.0	1972	760.7	704.8	55.9	1803, Louisiana Purchase ²	529.9
1912	600.0	1973	761.0	704.8	56.2	1819, Cession from Spain	46.1
1946	413.0	1974	760.5	703.8	56.7	Red River Basin ³	29.6
1950	412.0	1975	760.4	702.9	57.5	1846, Oregon Compromise	183.4
1955	407.9	1976	762.2	702.8	59.4	1848, Mexican Cession ²	338.7
1959	768.6	1977	741.5	683.3	58.2	1850, Purchase from Texas	78.9
1960	771.5	1978	775.2	712.0	63.3	1853, Gadsden Purchase	19.0
1965	765.8	1979	769.9	710.1	59.8	1867, Alaska Purchase	375.3

¹ Owned by Federal Government. Comprises original public domain plus acquired lands. Estimated from imperfect data available for indicated years. Prior to 1959, excludes Alaska, and 1960, Hawaii. Source: Beginning 1955, U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual. ² Data for Louisiana Purchase exclude areas eliminated by Treaty of 1819 with Spain. Such areas are included in figures for Mexican Cession. ³ Represents drainage basin of Red River of the North, south of 49th parallel. Authorities differ as to method and date of its acquisition. Some hold it as part of Louisiana Purchase; others, as acquired from Great Britain.

Source: Except as noted, U.S. Dept. of the Interior. Estimated area, Bureau of Land Management; all other data, Office of the Secretary, *Areas of Acquisitions to the Territory of the U.S.*, 1922.

No. 383. TOTAL AND FEDERALLY OWNED LAND, 1960 TO 1979, AND BY STATES, 1979

[As of June 30 except, beginning 1976, as of Sept. 30]

YEAR AND STATE	Total (1,000 acres)	Not owned by Federal Government (1,000 acres)	OWNED BY FEDERAL GOVERNMENT ¹		STATE	Total (1,000 acres)	Not owned by Federal Government (1,000 acres)	OWNED BY FEDERAL GOVERNMENT ¹	
			Acre (1,000)	Per cent				Acre (1,000)	Per cent
1960	2,273,407	1,501,894	771,512	33.9	Md	6,319	6,116	203	3.2
1965	2,271,343	1,505,546	765,797	33.5	Mass	5,035	4,955	80	1.5
1970	2,271,343	1,510,042	761,301	33.5	Mich	36,492	33,025	3,467	9.5
1973	2,271,343	1,510,344	760,999	33.5	Minn	51,206	47,783	3,423	6.6
1974	2,271,343	1,510,811	760,532	33.5	Miss	30,223	28,492	1,731	5.7
1975	2,271,343	1,510,929	760,414	33.5	Mo	44,248	42,053	2,196	4.9
1976	2,271,343	1,509,151	762,192	33.5	Mont	93,271	65,530	27,741	29.7
1977	2,271,343	1,529,834	741,509	32.6	Nebr	49,032	48,320	712	1.4
1978	2,271,343	1,496,094	775,249	34.1	Nev	70,264	9,758	60,506	86.1
1979, total	2,271,343	1,501,479	769,863	33.9	N.H.	5,769	5,047	722	12.5
Ala	32,678	31,556	1,122	3.4	N.J.	4,818	4,662	152	3.1
Alaska	365,482	6,348	359,134	98.3	N. Mex	77,766	51,893	25,874	33.2
Ariz	72,688	40,674	32,014	44.0	N.Y.	30,681	30,435	246	.8
Ark	33,599	30,241	3,358	9.9	N.C.	31,403	29,352	2,051	6.5
Calif	100,207	53,505	46,702	46.6	N. Dak	44,452	42,066	2,386	5.3
Colo	66,486	42,878	23,608	35.5	Ohio	26,222	25,877	345	1.3
Conn	3,135	3,126	9	.3	Okla	44,086	42,498	1,590	3.6
Del	1,266	1,225	41	3.2	Oreg	61,599	29,285	32,314	52.4
D.C.	39	26	13	32.8	Pa	28,804	28,072	733	2.5
Fla	34,721	30,680	4,041	11.6	R.I.	28,677	669	8	1.1
Ga	37,295	35,018	2,277	6.1	S.C.	19,374	18,198	1,176	6.0
Hawaii	4,106	3,445	661	16.1	S. Dak	48,882	45,390	3,492	7.1
Idaho	52,933	19,174	33,760	63.7	Tenn	26,728	24,874	1,854	6.9
Ill.	35,795	35,189	607	1.6	Tex	168,218	164,809	3,409	2.0
Ind	23,158	22,662	497	2.1	Utah	52,697	19,167	33,530	63.6
Iowa	35,860	35,633	227	.6	Vt	5,937	5,641	296	4.9
Kans	52,511	51,778	733	1.3	Va	25,486	23,087	2,410	9.4
Ky	25,512	24,098	1,414	5.6	Wash	42,694	30,221	12,473	29.2
La	28,868	27,769	1,099	3.8	W. Va	15,411	14,314	1,097	7.1
Maine	19,848	19,713	135	.7	Wis	35,011	33,143	1,868	5.3
					Wyo	62,343	32,013	30,330	48.6

¹ Excludes trust properties.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual.

NO. 384. FEDERAL LAND AND BUILDINGS OWNED AND LEASED: 1960 TO 1979

[As of June 30 except, beginning 1976, as of Sept. 30. Covers Federal real property throughout the world, except as noted. Totals include data not shown separately]

ITEM AND AGENCY	Unit	1960	1965	1970	1975	1976	1977	1978	1979, prel.
Federally owned:									
Land, total	Mil. acres	772	766	762	761	763	742	776	770
Dept. of Agriculture	Mil. acres	186	187	187	188	190	188	189	188
Dept. of Defense	Mil. acres	30	30	31	31	31	31	34	30
Dept. of the Interior	Mil. acres	553	546	540	538	538	519	548	549
Buildings, number ¹	1,000	413	433	418	405	412	410	413	411
Dept. of Defense ¹	1,000	320	335	319	312	317	314	316	314
Dept. of the Interior	1,000	31	34	34	30	31	32	32	33
Buildings, floor area ¹	Mil. sq. ft.	2,445	2,490	2,542	2,502	2,552	2,579	2,636	2,692
Dept. of Defense ¹	Mil. sq. ft.	1,929	1,874	1,857	1,802	1,824	1,824	1,868	1,914
General Services Administration	Mil. sq. ft.	122	172	205	194	196	201	202	203
Dept. of the Interior	Mil. sq. ft.	42	47	61	58	60	61	62	63
Veterans Administration	Mil. sq. ft.	115	114	110	111	112	114	116	116
Cost of land, buildings, etc. ²	Bil. dol.	53	66	79	91	96	101	107	113
Dept. of Defense	Bil. dol.	31	39	44	56	58	60	62	66
Dept. of the Interior	Bil. dol.	5	6	8	10	10	11	10	11
Federally leased:									
Land	Mil. acres	1.8	1.8	1.6	1.2	1.2	1.7	1.4	1.4
Dept. of Defense	Mil. acres	1.7	1.7	1.4	1.0	1.0	1.5	1.2	1.2
Buildings, floor area ¹	Mil. sq. ft.	97	132	182	210	230	238	216	219
Dept. of Defense ¹	Mil. sq. ft.	11	7	7	13	19	27	12	12
Rental property, cost	Mil. dol.	174	282	451	664	742	794	870	912
Dept. of Defense	Mil. dol.	35	35	63	65	65	75	73	72

¹ Excludes data for Dept. of Defense military functions outside United States.

² See headnote, table 385.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual, and *Inventory Report on Real Property Leased to the United States Throughout the World*, annual.

NO. 385. FEDERALLY OWNED LAND AND COST OF LAND, BY PREDOMINANT USAGE: 1960 TO 1979

[As of June 30 except beginning 1978 as of Sept. 30. Covers land in United States only (50 States and D.C.). Cost of land figures represent total cost of property owned in year shown and exclude unreserved public domain; public domain reserved for national parks, national forests, military installations and other purposes; and historical sites acquired by methods other than by purchase. Properties are reported at actual or estimated cost as of date of acquisition without considering depreciation, obsolescence, or economic changes in value]

YEAR AND AGENCY	Total	Forest and wildlife	Grazing	Parks and historic sites	Military, exc. airfields	Flood control, navigation	Reclamation, irrigation	Power development	Airfields	Other
LAND (mil. acres)										
1960, total	771.5	513.5	166.7	22.4	18.3	5.5	8.0	1.9	2.0	33.2
1965, total	765.8	508.4	165.2	22.8	15.7	6.7	7.8	1.9	2.0	35.3
1970, total	761.3	503.2	163.5	24.6	17.7	7.4	7.5	2.1	1.5	33.8
1975, total	760.4	502.3	164.0	25.3	18.1	8.0	7.0	1.5	2.3	32.0
1978, total	775.2	514.8	162.7	26.7	20.6	8.2	6.1	1.6	1.5	33.1
1979, total ¹	769.9	472.1	162.5	68.5	18.0	8.3	6.0	1.5	1.5	31.4
Dept. of Agriculture	187.9	167.5	19.7	(z)	-	-	-	-	-	.8
Dept. of Energy	1.6	-	-	-	-	-	(z)	(z)	-	1.5
Dept. of Defense	30.3	.1	-	.1	18.0	7.3	-	.7	1.5	2.6
Dept. of the Interior	548.5	304.5	142.8	68.3	-	.1	6.0	.7	(z)	26.0
Tennessee Valley Authority	1.0	(z)	-	.2	-	.7	-	(z)	-	.1
Other	.6	-	-	(z)	(z)	.2	-	-	(z)	.4
COST OF LAND (mil. dol.)										
1960	2,956	130	22	142	348	1,063	170	219	195	667
1965	4,128	237	18	180	298	1,915	224	204	203	849
1970	5,475	350	26	373	331	2,591	312	251	162	1,079
1975	6,872	589	26	618	334	3,381	313	273	199	1,139
1978	8,762	789	27	1,047	477	3,914	580	296	133	1,499
1979 ¹	9,680	900	27	1,417	480	4,104	377	286	146	1,943

- Represents zero. Z Less than 50,000 acres. ¹ Preliminary.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual.

No. 386. PUBLIC LANDS—DISPOSAL TRANSACTIONS AND CASH RECEIPTS: 1951 TO 1980

[For years ending June 30 except, beginning 1977, Sept. 30. For explanation of terms, see text, p. 223. Period figures are totals, not annual averages. See also *Historical Statistics, Colonial Times to 1970*, series J 10-15 and J 26-32]

ITEM	Unit	1951-1960, total	1961-1970, total	1971-1975, total	1976-1980, ¹ total	1976	1977	1978	1979	1980
Original entries and selections ²	1,000 acres	3,176	17,518	13,078	134,014	³ 102,810	10,518	860	18,649	1,167
Alaska.....	1,000 acres	1,535	15,019	12,898	133,932	³ 102,800	10,469	850	18,644	1,160
Final entries ²	1,000 acres	2,362	4,177	4,704	13,262	8,206	1,161	1,364	277	175
Alaska.....	1,000 acres	164	2,537	4,270	13,013	8,177	1,145	1,360	256	2
Patents and certificates ²	1,000 acres	5,628	11,524	5,584	14,389	8,302	1,163	108	616	2,495
Alaska.....	1,000 acres	246	6,050	4,470	13,884	8,177	990	24	556	2,443
Homestead entries: ⁴										
Original entries, total.....	Number.....	6,158	2,383	211	25	6	13	-	1	1
Acres.....	1,000.....	790	292	24	3	(z)	2	-	(z)	(z)
Final entries ⁵	1,000 acres.....	442	172	42	13	4	5	1	1	1
Cash receipts.....	Mill. dol.....	1,399	4,770	16,141	19,715	3,192	3,008	2,924	4,052	5,079
Mineral leases and permits.....	Mill. dol.....	1,054	4,168	15,509	18,308	3,010	2,717	2,661	3,754	4,783
Oil, gas.....	Mill. dol.....	1,071	3,955	15,387	17,963	2,969	2,669	2,600	3,671	4,684
Offshore.....	Mill. dol.....	435	2,918	14,462	15,973	2,662	2,373	2,259	3,267	4,101
Timber.....	Mill. dol.....	209	478	496	1,062	131	235	195	218	216
Fees and commissions.....	Mill. dol.....	9	37	46	153	19	27	32	40	29
Other.....	Mill. dol.....	127	87	90	192	32	29	36	40	51

- Represents zero. Z Less than 500 acres. ¹ Includes transition quarter, July-Sept. 1976. ² Covers homestead, desert land, and mineral entries, public auction sales, Indian and State selections; and other disposal transactions. ³ Includes entries under the Alaska Native Claims Act of Dec. 18, 1971. See also footnote 6, table 387. ⁴ Excludes ceded Indian lands. ⁵ Excludes commuted homesteads.

Source: U.S. Bureau of Land Management, *Public Land Statistics*, annual.

No. 387. PUBLIC DOMAIN LANDS—HOMESTEAD ENTRIES, 1951 TO 1980, AND VACANT LANDS, 1950 TO 1980, BY STATES

[In thousands of acres. Homestead entries for years ending June 30 except, beginning 1977, ending Sept. 30; vacant lands as of June 30 except, beginning 1977, as of Sept. 30. Excludes States with less than 500 acres in years specified. Vacant public lands are those which are unappropriated and unreserved. The former represent lands not covered by an entry; the latter, lands not reserved for some public purpose, i.e., available for entry or selection under appropriate laws. Data for vacant public lands in States other than Alaska cover lands withdrawn for classification in furtherance of Taylor Grazing Act and for conservation and development of natural resources. See text, p. 223. See *Historical Statistics, Colonial Times to 1970*, series J 8, for vacant lands excluding Alaska, and J 14 for homestead entries]

STATE	HOMESTEAD ENTRIES ¹				VACANT LANDS ²					
	1951-1960, total	1961-1970, total	1971-1975, total	1976-1980, ³ total	1950	1960	1970	1975	1979	1980
Total.....	⁴ 790.0	291.9	23.9	3.4	440,408	437,879	⁵ 159,139	⁵ 158,778	⁵ 158,720	⁵ 158,437
Alabama.....	-	-	-	-	27	3	1	3	3	3
Alaska ⁶	572.0	279.9	21.8	.5	270,000	270,200	257,133	257,065	58,729	167,090
Arizona.....	9.4	1.3	-	-	12,545	12,442	11,597	11,592	11,568	11,547
California.....	3.9	-	.1	-	16,306	15,673	14,587	14,570	14,729	14,470
Colorado.....	14.5	.2	-	-	8,070	8,090	6,485	6,440	6,122	6,290
Idaho.....	96.0	3.0	-	-	10,858	11,652	11,597	11,520	11,494	11,491
Minnesota.....	-	-	-	-	93	58	23	26	26	42
Montana.....	1.6	-	1.1	2.3	6,773	6,385	6,143	6,140	6,143	6,146
Nebraska.....	-	-	-	-	25	6	8	4	9	9
Nevada.....	25.8	5.2	.2	-	47,158	46,027	47,310	47,367	48,176	48,074
New Mexico.....	3.9	1.5	.1	.6	14,503	13,129	12,576	12,400	12,224	12,155
North Dakota.....	-	-	.2	-	96	79	69	68	68	68
Oregon.....	1.3	-	-	-	13,298	13,153	13,342	13,136	13,048	13,024
South Dakota.....	-	-	.5	-	290	272	276	276	276	276
Utah.....	53.6	.3	-	-	23,033	24,097	20,877	20,798	20,375	20,373
Washington.....	.8	.3	-	-	487	365	292	304	309	308
Wyoming.....	2.5	.1	-	.1	16,815	16,198	13,944	14,118	14,133	14,132
Other States.....	.5	.1	-	-	231	50	11	16	18	29

- Represents zero. ¹ Original homestead entries. ² As a result of the Federal Land Policy and Management Act of 1976, Public Law 94-579, the only homestead actions now occurring are carryover cases, such as inheritances, etc. ³ Includes acreage of public lands within grazing districts, as follows (in thousands): 1950, 134,875; 1960, 141,645; 1970, 132,669; 1975, 132,265; 1979, 133,106; and 1980, 132,854. ⁴ Includes 4,200 acres for Bureau of Land Management. ⁵ Excludes Alaska; see footnote 6. ⁶ Effective Jan. 17, 1969, all unreserved lands in Alaska were withdrawn from all forms of appropriations or disposition under the Public Land Laws; land and resources were reserved until Dec. 31, 1970, for determination and protection of rights of native Aleuts, Eskimos, and Indians of Alaska. The Alaska Native Claims Act of Dec. 18, 1971, and Public Land Order No. 5418 dated Mar. 25, 1974, withdraws all unreserved lands in Alaska.

Source: U.S. Bureau of Land Management, *Public Land Statistics*, annual.

No. 388. PUBLIC LANDS—LEASES, PERMITS, AND LICENSES, BY CLASS: 1960 TO 1980

[As of June 30 through 1976; thereafter as of Sept. 30; except as noted. Excludes leases on acquired, submerged, and military lands. See *Historical Statistics, Colonial Times to 1970*, series J 41-42, for oil and gas leases]

YEAR	MINERAL CLASS							OTHER CLASSES		
	Total	Leases				Permits	Licenses	Leases		Permits ³
		Total	Oil and gas ¹	Coal	Other			Total	Grazing ²	
Number:										
1960.....	142,114	140,057	139,534	294	229	2,035	22	19,010	9,911	(NA)
1965.....	101,863	101,086	100,339	379	368	763	14	10,246	8,912	(NA)
1970.....	100,598	100,010	99,038	525	447	583	5	10,103	8,559	1,111
1975.....	104,075	103,762	102,815	529	418	309	4	9,253	7,785	1,354
1976.....	103,600	103,487	101,796	529	1,162	309	4	9,110	7,721	1,267
1977.....	104,377	104,079	102,130	523	1,426	294	4	9,349	7,981	1,286
1978.....	105,284	105,086	102,984	524	1,580	183	13	9,155	7,792	1,299
1979.....	107,176	107,014	104,769	535	1,710	139	23	11,188	9,884	1,243
1980.....	106,125	105,963	103,571	522	1,870	132	30	8,356	7,700	1,214
Acreage (1,000):										
1960.....	118,157	114,136	113,667	199	270	4,020	1	18,615	18,532	914
1965.....	66,267	64,955	64,148	374	433	1,311	1	18,221	18,057	870
1970.....	65,374	64,323	63,030	764	529	1,051	(2)	18,461	18,262	1,378
1975.....	82,618	81,885	80,621	780	485	733	(2)	17,315	17,144	1,838
1976.....	83,543	82,791	80,226	795	1,770	762	(2)	17,168	17,014	1,468
1977.....	86,903	86,275	83,319	791	2,164	626	2	17,242	17,122	1,453
1978.....	90,202	89,823	86,585	790	2,447	334	45	16,509	16,387	906
1979.....	96,482	96,109	92,642	798	2,669	299	74	24,821	24,705	920
1980.....	100,585	100,198	96,503	786	2,909	278	109	17,064	17,028	3,993

NA Not available. Z Less than 500 acres. ¹ For data on Outer Continental Shelf, see Section 27.

² As of Dec. 31. ³ Excludes grazing licenses and permits within grazing districts.

Source: U.S. Bureau of Land Management, *Public Land Statistics*, annual.

No. 389. LANDS UNDER JURISDICTION OF BUREAU OF INDIAN AFFAIRS—ACREAGE, BY STATES: 1920 TO 1980

[In thousands of acres. Excludes States with less than 500 acres in years specified. Beginning 1960, taxable lands generally included. Beginning 1975, includes tribal fee lands. See also *Historical Statistics, Colonial Times to 1970*, series J 16-19]

STATE	1920	1940	1960	1970	1975	1978	1979	1980			
								Total	Indian		Government owned
									Trust allotted ¹	Tribal ²	
Total.....	³ 71,399	55,406	⁴ 58,076	55,408	52,316	52,085	52,962	52,993	10,034	42,501	458
Ala.....	(NA)	(NA)	4,188	4,170	117	363	386	428	341	87	(z)
Ariz.....	18,653	19,225	21,515	19,714	20,034	20,034	20,036	20,036	252	19,694	90
Calif.....	517	567	558	536	546	541	573	573	73	500	(z)
Colo.....	469	667	752	755	762	782	783	783	4	779	(z)
Fla.....	24	61	79	79	79	79	79	79	-	79	(z)
Idaho.....	683	818	835	828	827	828	827	827	334	460	33
Iowa.....	3	3	4	4	4	4	4	4	-	4	(z)
Kans.....	273	36	29	27	26	27	28	29	23	6	(z)
Mich.....	153	27	22	21	21	21	21	21	9	12	-
Minn.....	1,509	653	756	763	764	764	764	764	51	712	1
Miss.....	(X)	9	16	18	17	18	18	18	(z)	18	(z)
Mont.....	6,054	6,455	5,457	5,274	5,282	5,275	5,258	5,249	3,037	2,209	3
Nebr.....	360	76	68	62	61	65	65	65	43	22	(z)
Nev.....	741	1,127	1,152	1,148	1,153	1,154	1,154	1,154	78	1,068	8
N. Mex.....	4,697	7,153	6,542	7,209	7,537	7,843	7,865	7,864	676	6,880	308
N.C.....	63	57	56	57	56	56	56	57	-	57	(z)
N. Dak.....	2,105	1,036	879	850	850	851	853	853	647	205	1
Okl.....	19,552	2,844	1,855	1,424	1,306	1,250	1,240	1,230	1,136	86	8
Oreg.....	1,718	1,737	1,238	887	761	761	761	762	140	622	(z)
S. Dak.....	6,686	5,865	5,064	4,975	5,020	5,085	5,091	5,093	2,491	2,600	2
Utah.....	1,641	1,693	2,125	2,271	2,276	2,277	2,286	2,286	34	2,252	(z)
Wash.....	2,719	2,740	2,591	2,460	2,504	2,511	2,517	2,520	489	2,028	3
Wis.....	590	445	422	188	407	409	409	410	81	329	(z)
Wyo.....	2,102	2,013	1,890	1,867	1,866	1,867	1,868	1,868	95	1,792	1

- Represents zero. NA Not available. X Not applicable. Z Less than 500 acres. ¹ Private landholdings of individual Indians. ² Lands held by Indian tribes. ³ Includes 88,000 acres in N.Y.; not included in totals for later years.

⁴ Includes 3,000 acres in S.C.; not shown separately.

Source: U.S. Bureau of Indian Affairs, *Annual Report of Indian Land*, and unpublished data.

NO. 390. NATIONAL PARK SYSTEM—SUMMARY: 1960 TO 1980

[For years ending **June 30** through 1976, thereafter ending **Sept. 30**; except as noted. Includes data for 5 areas in Puerto Rico and Virgin Islands. See also *Historical Statistics, Colonial Times to 1970*, series H 806-828]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Finances (mil. dol.):										
Expenditures reported ¹	74.2	131.6	138.8	250.5	341.8	394.2	427.0	473.4	482.8	574.3
Salaries and wages.....	29.9	48.6	82.5	128.8	152.1	175.2	211.9	223.5	238.3	259.3
Improvements, maintenance.....	4.7	8.3	15.5	26.0	40.4	44.0	48.7	63.9	67.9	77.3
Construction.....	33.2	55.3	23.9	36.6	85.5	105.9	82.4	101.5	76.7	126.8
Other.....	6.5	19.5	17.0	59.1	63.8	69.0	84.0	84.5	99.9	110.8
Funds available.....	115.7	183.1	174.6	437.5	428.0	459.6	599.6	653.3	616.7	657.0
Appropriations.....	79.6	128.4	129.4	295.8	345.6	364.5	492.8	552.1	526.2	539.6
Other.....	36.2	54.7	45.2	141.7	82.4	95.1	106.8	101.2	90.5	117.4
Revenue from operations ²	5.7	7.4	8.8	13.9	17.2	19.6	21.3	22.9	21.1	21.1
Visits (millions): ³										
All areas.....	79.2	121.3	172.0	217.4	238.8	267.7	262.6	283.1	282.4	300.3
National parks ⁴	26.6	36.6	45.9	53.1	58.8	60.6	62.0	62.9	57.5	60.2
National monuments.....	10.7	12.3	17.3	15.2	17.3	19.3	18.5	19.1	16.8	16.3
National historical, archeological, and military areas.....	21.8	40.7	47.0	72.9	75.7	82.8	85.5	86.4	83.9	88.5
National parkways.....	9.0	13.0	27.8	34.5	36.0	38.3	36.8	37.7	35.0	40.2
National recreation areas ⁴	3.7	6.2	11.5	18.1	23.9	30.9	36.2	38.9	41.3	48.1
National seashores.....	.5	3.4	9.1	11.5	13.3	15.2	16.5	17.6	14.2	15.0
National Capital Parks ⁵	6.9	9.2	10.3	8.7	11.2	12.0	2.9	3.3	2.8	4.1
Miscellaneous other areas.....	(x)	(x)	3	3	2.6	8.5	4.2	15.1	31.5	26.0
Overnight stays reported.....	9.4	13.0	16.2	15.4	16.7	17.4	17.5	17.6	16.0	16.5
Camper days.....	4.8	8.1	9.0	8.4	8.8	9.3	9.3	9.1	7.9	8.3
Tents.....	3.6	5.1	4.7	3.8	3.7	3.9	4.0	3.8	3.4	3.9
Recreation vehicles.....	1.3	3.0	4.3	4.6	5.1	5.4	5.3	5.4	4.5	4.4
In commercial lodgings.....	2.8	3.3	4.9	3.7	4.0	3.1	4.0	4.1	4.0	4.1
Other.....	1.8	1.6	2.2	3.3	3.9	5.0	4.2	4.3	4.1	4.1
Land (1,000 acres):										
Total ⁶	25,704	26,549	28,543	29,031	29,091	29,389	29,571	70,541	70,797	70,936
Parks.....	13,208	13,619	14,307	14,777	15,344	15,365	15,374	15,679	15,684	15,801
Recreation areas.....	3,214	3,497	3,628	3,536	3,156	3,276	3,266	3,255	3,280	3,322
Other.....	9,283	9,432	10,608	10,718	10,590	10,748	10,931	51,607	51,833	51,813
Acquisition, gross.....	21	319	83	75	110	163	224	266	86	121
By purchase.....	6	42	74	59	70	107	218	261	65	109
By gift.....	10	13	1	10	(z)	49	5	5	4	7
By transfer or exchange.....	5	264	10	6	40	7	(z)	(z)	17	5
Exclusion.....	(z)	⁸ (z)	2	(z)	(z)	7	(z)	(z)	1	(z)
Acquisition, net.....	21	318	82	75	110	156	224	266	85	121

X Not applicable. Z Less than 500 acres. ¹ Excludes transfers and allocations from appropriations to other agencies (e.g., Land and Water Conservation Fund, etc.). ² Receipts deposited in Treasury; beginning 1974, receipts from annual admission permit (Golden Eagle Passport) and special recreation use fees are available for NPS expenditure. ³ For calendar year. For 1960 excludes visits to White House.

⁴ Beginning 1970, combined data for North Cascades National Park and two adjacent National Recreation Areas are included in National Parks total. ⁵ Beginning 1977, visits to some areas previously included in National Capital Parks now included in other areas. ⁶ Federal land only, as of Dec. 31. ⁷ On Dec. 1, 1978 over 40 million acres of public domain land in Alaska were added to the system. ⁸ Represents U.S. lands alienated by exchange of U.S. and private lands.

Source: U.S. National Park Service, visits, 1960-1970, *Campground Use in the National Park Service*, annual, *Camper Days in Areas Administered by the National Park Service*, annual, and *Public Use of the National Parks*, monthly; 1974-1976, *Public Use of the National Park System*, semiannual; thereafter, *National Park Statistical Abstract*, annual and unpublished data. Land, 1960-1978, *Areas Administered by the National Park Service*, semiannual; thereafter, *Index—National Park System and Related Areas*, biannual. Other data are unpublished.

NO. 391. NATIONAL PARK SYSTEM—TYPES OF AREAS: 1980

[As of **September 30**. Totals include White House (18 acres), National Visitor Center, and 5 areas in Puerto Rico and Virgin Islands. See also *Historical Statistics, Colonial Times to 1970*, series H 806-828]

TYPE OF AREA	Number of areas	Federal acreage	TYPE OF AREA	Number of areas	Federal acreage
National Park System	333	70,936,585	National seashores.....	10	454,138
National parks.....	48	15,800,758	Parkways.....	4	156,741
National historical parks.....	25	68,624	National lakeshores.....	4	126,990
National monuments.....	78	50,156,854	National rivers.....	10	189,914
National military parks.....	10	33,514	National Capital Parks.....	1	6,469
National battlefields.....	10	7,395	Parks, other.....	10	30,804
National battlefield parks.....	3	6,673	National recreation areas.....	17	3,322,066
National battlefield sites.....	1	12	National Trail.....	1	34,190
National historic sites.....	64	16,167	National preserves.....	12	517,254
National memorials.....	22	7,858	National Mall.....	1	146

Source: U.S. National Park Service, *Index—National Park System and Related Areas*, biannual.

No. 392. SELECTED NATIONAL PARK SERVICE AREAS—ACREAGE, 1980, VISITS AND OVERNIGHT STAYS, 1979 AND 1980

[Acreage as of December 31. Area selection based on minimum of 5 million visits or 250,000 overnight stays in 1980]

AREA	Acre- age, ¹ 1980 (1,000)	VISITS (mil.)				OVERNIGHT STAYS ³ (1,000)	
		1979, total	1980			1979	1980
			Total	Re- creation	Nonrec- reation ²		
Total, all areas ⁴	77,044	282.4	300.3	220.5	79.9	15,979	16,495
Blue Ridge Parkway, Ga., N.C., Va.....	82	14.8	16.7	13.4	3.3	255	312
Cape Hatteras National Seashore, N.C.....	30	1.7	1.7	1.5	.2	290	310
Chickamauga and Chattanooga National Military Park, Ga., Tenn.....	8	13.5	14.2	1.2	13.0	2	2
Colonial National Historical Park, Va.....	10	10.2	9.1	6.3	2.7	-	-
Death Valley National Monument, Calif.....	2,068	.7	.6	.6	(z)	332	318
Gateway National Recreation Area, N.J., N.Y.....	26	9.1	9.4	9.1	.3	13	6
Glacier National Park, Mont.....	1,014	1.5	1.5	1.5	(z)	346	323
Glen Canyon National Recreation Area, Ariz., Utah.....	1,237	1.7	1.7	1.6	.1	1,250	1,100
Golden Gate National Recreation Area, Calif.....	42	11.3	18.4	18.4	-	5	-
Grand Canyon National Park, Ariz.....	1,218	2.3	2.5	2.3	.2	764	705
Grand Teton National Park, Wyo.....	311	3.5	3.5	2.6	.9	532	556
Great Smoky Mountains National Park, N.C., Tenn.....	520	11.2	11.9	8.4	3.5	546	521
Hot Springs National Park, Ark.....	6	5.1	5.3	1.2	4.1	9	8
Indiana Dunes National Lakeshore, Ind.....	13	2.0	1.6	1.2	.4	411	411
Kennesaw Mountain National Battlefield Park, Ga.....	3	6.6	6.7	.9	5.8	4	4
Kings Canyon National Park, Calif.....	460	.8	.8	.8	(z)	288	343
Lake Mead National Recreation Area, Ariz., Nev.....	1,497	6.4	5.2	5.0	.2	1,444	1,484
Natchez Trace Parkway, Miss., Tenn., Ala.....	48	14.2	15.9	10.6	5.3	14	14
Olympic National Park, Wash.....	915	2.6	2.5	2.0	.5	402	388
Ozark National Scenic Riverways, Mo.....	81	1.9	1.8	1.4	.4	255	270
Rocky Mountain National Park, Colo.....	264	2.6	2.6	2.6	(z)	377	317
Sequoia National Park, Calif.....	403	.8	.9	.9	(z)	371	460
Shenandoah National Park, Va.....	195	1.6	1.8	1.7	.1	435	475
Valley Forge National Historical Park, Pa.....	4	11.4	11.5	3.2	8.3	-	-
Yellowstone National Park, Idaho, Mont., Wyo.....	2,220	1.9	2.0	2.0	(z)	1,274	1,220
Yosemite National Park, Calif.....	761	2.4	2.6	2.5	.1	1,510	2,035

- Represents zero. Z Less than 50,000. ¹ Includes non-Federal land. ² Any visit which is part of, or incidental to, the pursuit of a gainful occupation. ³ The passing of one night by a visitor within a park, and occurs each night a visitor remains in the park. ⁴ Includes areas not shown separately.

Source: U.S. National Park Service, *National Park Statistical Abstract*, annual, and unpublished data.

No. 393. NATIONAL FOREST RECREATION USE—SUMMARY: 1980

[For year ending September 30. Estimated. Represents recreational use of National Forest land and water which aggregates 12 person-hours; may entail 1 person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. See also *Historical Statistics, Colonial Times to 1970*, series H 829-835]

PLACE WHERE USE OCCURRED	Visitor-days (1,000)	Percent	ACTIVITY	Visitor-days (1,000)	Percent
Sites and areas	233,549	100.0	Total	233,549	100.0
Developed sites	85,611	36.7	Camping	57,211	24.5
Observation sites	1,374	.6	Picnicking	9,512	4.1
Boating sites	3,040	1.3	Recreation travel (mechanized)	54,998	23.6
Swimming sites, playgrounds, etc.	2,126	.9	Water travel	7,891	3.4
Campgrounds	40,276	17.3	Games and team sports	969	.4
Picnic grounds	6,012	2.6	Water skiing and other water sports	995	.4
Hotels, lodges, resorts	4,642	2.0	Swimming and scuba diving	5,140	2.2
Organization sites	5,390	2.3	Winter sports	13,864	5.9
Recreation residence sites	6,772	2.9	Fishing	17,117	7.3
Winter sports sites	13,550	5.8	Hunting	15,747	6.8
Visitor centers and concessions	2,429	1.0	Hiking and mountain climbing	12,259	5.3
Dispersed areas	147,938	63.3	Horseback riding	3,346	1.4
Roads (recreation)	55,518	23.6	Resort use	4,443	1.9
Trails (recreation)	12,774	5.4	Organization camp use	4,112	1.8
Waters	27,390	11.7	Recreation cabin use	6,838	2.9
General undeveloped country	52,256	22.4	Gathering forest products	4,739	2.0
			Nature study	1,724	.7
			Viewing scenery, sports	8,003	3.4
			Visitor information (exhibits, etc.)	4,641	2.0

Source: U.S. Forest Service, unpublished data.

**NO. 394. RECREATIONAL USE OF PUBLIC LANDS ADMINISTERED BY BUREAU OF LAND MANAGEMENT:
1970 TO 1980**

YEAR AND STATE	Number of sites	Developed acreage (1,000)	RECREATION VISITS ¹ (mil.)					VISITOR DAYS ^{1 2} (mil.)				
			Total ²	Sight-seeing	Off-road vehicles	Hunt-ing, fish-ing	Camp-ing	Total ²	Sight-seeing	Off-road vehicles	Hunt-ing, fish-ing	Camp-ing
1970.....	188	10.7	67.2	27.2	(NA)	15.9	8.1	38.7	9.5	(NA)	10.8	8.4
1975.....	426	13.5	61.1	34.3	(NA)	9.2	5.4	33.0	9.7	(NA)	9.1	6.6
1976.....	326	12.2	149.9	111.6	2.9	14.6	7.5	58.3	25.3	2.3	13.4	8.3
1977.....	364	23.1	144.5	112.6	3.6	13.6	5.3	91.5	63.7	3.0	12.2	5.5
1978.....	346	18.6	196.0	151.6	8.1	14.3	6.3	58.2	28.5	3.0	14.4	6.3
1979.....	410	49.7	146.3	99.4	16.8	15.1	6.2	64.7	25.6	8.6	14.4	7.5
1980, total ¹	407	50.0	107.9	55.1	17.6	17.5	6.5	69.5	25.9	8.9	16.6	8.1
Alaska.....	18	.3	14.1	3.3	(Z)	5.0	3.3	5.1	1.1	(Z)	1.7	1.9
Arizona.....	15	1.0	8.2	6.8	.1	.4	.1	7.4	6.1	.1	.2	.8
California.....	65	5.0	26.2	6.7	15.5	1.9	.9	17.0	2.4	7.5	1.3	1.5
Nevada.....	9	16.3	4.1	2.8	.6	.3	.1	3.4	2.9	.2	.2	.1
New Mexico.....	29	17.6	9.1	8.2	.1	.5	(Z)	7.0	6.1	.2	.4	.1
Oregon.....	130	1.3	9.2	6.6	.1	1.4	.4	4.3	1.1	.1	1.8	.9
Wyoming.....	32	5.3	10.1	8.4	.5	.5	.3	4.1	2.5	.2	.6	.5

NA Not available. Z Less than 50,000. ¹ Includes visits to lands or sites leased to non-Federal interests for recreation purposes. Method of collecting data varied by State and year. ² Includes other types of recreation not shown separately. ³ A visitor day is the aggregation of 12 visitor hours, where a visitor hour is the presence of one or more persons for periods aggregating 60 minutes. ⁴ Includes States not shown separately.

Source: U.S. Bureau of Land Management, *Public Land Statistics*, annual.

NO. 395. STATE PARK AND RECREATION AREAS—STATES: 1979 AND 1980

[For years ending June 30. Based on reports of State Park Directors. In some States, park agency has under its control forests, fish and wildlife areas and/or other areas. In other States, agency is only responsible for State parks]

STATE	Acre-age, 1980 (1,000)	VISITORS (1,000)		EXPENDITURES ¹ (mil. dol.)		STATE	Acre-age, 1980 (1,000)	VISITORS (1,000)		EXPENDITURES ¹ (mil. dol.)	
		1979	1980	1979	1980			1979	1980	1979	1980
U.S.	9,468	609,010	548,882	1,078	993	Mo.....	96	9,961	9,283	2	13
Ala.....	48	6,580	6,506	10	13	Mont.....	43	(NA)	1,030	(NA)	5
Alaska.....	3,314	3,279	2,910	2	(Z)	Nebr.....	131	7,000	7,282	7	8
Ariz.....	29	3,480	2,352	3	2	Nev.....	151	3,332	3,338	2	3
Ark.....	42	6,991	5,786	16	15	N.H.....	70	4,395	3,662	6	9
Calif.....	1,005	56,388	58,024	410	316	N.J.....	260	5,185	6,134	23	36
Colo.....	(NA)	5,876	(NA)	10	(NA)	N. Mex.....	72	3,707	4,104	6	7
Conn.....	198	7,067	7,300	10	2	N. Y.....	253	46,890	39,729	60	78
Del.....	9	2,274	2,801	3	4	N.C.....	117	(NA)	4,852	8	4
Fla.....	286	12,947	11,489	18	32	N.Dak.....	16	1,105	1,013	3	4
Ga.....	52	14,363	11,813	11	10	Ohio.....	188	39,551	12,897	40	47
Hawaii.....	25	18,733	16,760	11	19	Okl.....	95	17,951	18,294	10	13
Idaho.....	83	2,233	2,049	4	4	Oreg.....	92	35,486	34,455	32	12
Ill.....	327	33,450	32,314	34	37	Pa.....	275	32,646	15,613	27	23
Ind.....	54	7,147	7,691	10	14	R.I.....	12	(NA)	7,703	4	1
Iowa.....	52	14,000	8,824	5	8	S.C.....	68	11,389	12,719	15	13
Kansas.....	29	4,676	4,342	3	4	S. Dak.....	90	4,875	4,573	4	4
Ky.....	41	32,061	29,758	47	47	Tenn.....	131	15,513	14,989	33	18
La.....	30	4,329	4,211	9	20	Tex.....	134	13,401	14,022	23	27
Maine.....	67	2,245	1,846	5	2	Utah.....	69	7,164	6,718	17	(NA)
Md.....	83	5,064	5,240	20	2	Vt.....	157	904	1,211	2	2
Mass.....	238	9,190	9,872	17	15	Va.....	53	3,120	4,402	3	5
Mich.....	244	23,656	21,426	19	21	Wash.....	86	38,747	37,154	15	19
Minn.....	189	6,689	5,815	16	12	W. Va.....	149	8,416	8,206	14	17
Miss.....	21	3,392	4,065	21	13	Wis.....	69	12,162	12,306	7	7
						Wyo.....	123	(NA)	(NA)	1	2

NA Not available. Z Less than \$500,000. ¹ Covers operating expenditures and fixed capital outlay expenditures. ² Excludes capital outlay expenditures.

Source: National Association of State Park Directors, Indianapolis, Indiana, *Information Exchange*, annual.

NO. 396. PERSONAL CONSUMPTION EXPENDITURES FOR RECREATION: 1960 TO 1980

[In millions of dollars, except percent. Represents market value of purchases of goods and services by individuals and nonprofit institutions. See *Historical Statistics, Colonial Times to 1970*, series H 876-893, for single-year figures prior to minor revisions issued in 1981]

TYPE OF PRODUCT OR SERVICE	1960	1965	1970	1975	1977	1978	1979	1980
Total recreation expenditures	17,855	25,907	41,322	65,554	79,782	89,313	99,051	106,414
Percent of total personal consumption ¹	5.5	6.0	6.6	6.7	6.6	6.6	6.6	6.4
Books and maps	1,139	1,648	2,903	3,775	4,586	5,505	6,183	6,962
Magazines, newspapers, sheet music	2,164	2,662	4,005	5,640	6,653	7,427	8,129	8,581
Nondurable toys and sport supplies	2,477	3,585	5,474	8,523	10,063	11,304	12,832	14,017
Wheel goods, durable toys, sports equip., boats, pleasure aircraft	1,976	2,888	5,146	9,734	12,171	13,905	15,699	15,446
Radio and TV receivers, records, musical instr.	3,003	5,041	8,436	13,970	16,960	18,654	20,324	21,602
Radio and television repair	774	933	1,279	2,246	2,668	2,925	3,253	3,658
Flowers, seeds, and potted plants	703	1,272	1,775	2,965	3,543	4,156	4,454	4,500
Admissions to specified spectator amusements	1,652	2,123	3,210	3,591	4,997	5,450	5,931	6,424
Motion picture theaters	956	1,067	1,536	1,480	2,376	2,442	2,562	2,822
Legitimate theaters and opera, and entertainments of nonprofit institutions ²	342	388	501	667	868	1,064	1,230	1,318
Spectator sports	354	668	1,173	1,444	1,753	1,944	2,139	2,284
Clubs and fraternal organizations ³	728	859	1,216	1,654	1,811	1,922	2,078	2,295
Commercial participant amusements ⁴	1,200	1,695	2,189	3,615	4,414	4,898	5,455	6,150
Parimutuel net receipts	539	814	1,096	1,568	1,712	1,722	1,762	1,898
Other ⁵	1,500	2,387	4,593	8,273	10,204	11,445	12,951	14,581

¹ See table 708. ² Except athletic. ³ Consists of dues and fees excluding insurance premiums. ⁴ Consists of billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; golf courses; sightseeing buses and guides; and private flying operations. ⁵ Consists of net receipts of lotteries and expenditures for purchase of pets and pet care services, cable TV, film processing, photographic studios, sporting and recreation camps, and recreational services, not elsewhere classified.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-1976; Statistical Tables 1976-1979*; and *Survey of Current Business*, July 1981.

No. 397. PHONOGRAPH RECORDS AND MAGNETIC TAPES—SUMMARY: 1970 TO 1980

[Domestic shipments based on reports of manufacturers representing more than 90 percent of the market. Domestic value data based on list prices of records and tapes]

TYPE OF RECORD OR TAPE	NUMBER (mil.)						VALUE (mil. dol.)					
	1970	1975	1977	1978	1979	1980	1970	1975	1977	1978	1979	1980
Domestic shipments, total	(NA)	533	698	726	683	649	1,660	2,391	3,500	4,131	3,676	3,682
Phonograph records	(NA)	421	534	531	502	465	1,182	1,696	2,440	2,734	2,411	2,450
Long-playing albums	(NA)	257	344	341	290	308	(NA)	1,485	2,195	2,473	2,058	2,200
Singles	(NA)	164	190	190	212	157	(NA)	212	245	260	354	250
Pre-recorded tapes	(NA)	112	164	195	181	184	1,478	1,695	1,061	1,398	1,265	1,232
8-track cartridges	(NA)	95	127	134	102	85	378	583	811	948	684	527
Cassettes	(NA)	16	37	61	79	99	77	99	250	450	581	705
Imports for consumption ²	13	16	140	(NA)	188	214	28	61	98	161	188	221
Phonograph records	10	9	15	(NA)	19	18	6	12	22	37	32	34
Pre-recorded tapes	3	7	19	29	22	20	1	3	6	10	9	13
Blank tapes	-	-	106	147	147	176	21	46	70	114	147	174

- Represents zero. NA Not available. ¹ Includes quadraphonic and reel-to-reel tapes. ² Source: U.S. Bureau of the Census, *U.S. Imports for Consumption and General Imports*, Report FT 246, annual. Number represents net quantity imported. Value reported on f.a.s. (free alongside ship) transaction basis.

Source: Except as noted, Recording Industry Association of America, Inc., New York, N.Y., press release.

No. 398. HOME GARDENING—SUMMARY: 1975 TO 1980

[Based on national sample survey conducted by the Gallup Organization. For the 1980 survey a total of 3,151 adults were interviewed. Subject to sampling variability; see source]

ITEM	1975	1979	1980	CHARACTERISTIC OF RESPONDENT	1980, PERCENT WITH—		
					Vegetable garden	Flower garden	Lawn care
Households with vegetable gardens (mil.)	35	33	34	18-29 yrs. old	32.5	26.6	47.7
Percent of total	49	42	43	30-49 yrs. old	45.0	41.2	59.5
Median size of garden (sq. ft.)	540	595	663	50 yrs. and over	48.1	39.9	49.6
Median yield per garden (dol.)	258	375	460	Northeast	40.6	34.9	46.1
Median cost per garden (dol.)	16	19	19	North Central	54.3	40.1	61.3
Percent of households—				South	42.2	33.2	52.2
With flower gardens	39	38	37	West	28.5	38.6	48.0
Engaged in lawn care	56	56	52	Central city	30.8	32.3	42.5
Growing fruits or berries	12	22	21	Suburb	33.8	34.4	49.5
With indoor houseplants	40	45	40	Small town	44.2	43.3	61.6
				Rural	64.6	40.7	63.0

Source: Gardens for All, The National Association for Gardening, Burlington, Vt., *National Gardening Survey*, annual. (Copyright.)

NO. 399. PARTICIPATION IN SELECTED OUTDOOR RECREATION ACTIVITIES: 1977

[Persons 12 years old and over. Participation from June 1976 to June 1977. Based on a home telephone survey of 4,029 persons drawn from noninstitutional population of conterminous U.S.]

ACTIVITY	PARTICIPANTS		PARTICIPATION		ACTIVITY	PARTICIPANTS		PARTICIPATION	
	Number (mil.)	Per-cent of popula-tion	5 or more times (mil.)	For the first time (mil.)		Number (mil.)	Per-cent of popula-tion	5 or more times (mil.)	For the first time (mil.)
Camping:					Tennis, outdoors.....	55.7	32	40.9	7.0
Developed areas.....	51.8	30	21.0	1.9	Other games or sports.....	94.8	55	73.1	2.6
Undeveloped areas.....	36.0	21	15.0	.7	Going to outdoor sports events.....	104.3	61	75.5	.9
Hunting.....	32.6	19	24.5	.3	Visiting zoos, parks, fairs.....	123.6	72	66.1	.9
Fishing.....	91.0	53	61.9	1.9	Sightseeing ²	106.5	62	61.7	1.2
Riding off-road vehicle.....	43.6	25	33.8	2.0	Picnicking.....	123.8	72	84.0	.3
Hiking, backpack.....	48.1	28	28.1	1.9	Pleasure driving.....	118.3	69	97.9	.7
Other walking, jogging.....	116.1	68	96.7	4.1	Skiing, downhill.....	11.9	7	7.3	2.0
Bicycling.....	79.4	46	66.1	1.5	Ice skating, outdoor.....	27.8	16	15.7	.9
Horseback riding.....	25.2	14	13.5	1.0	Sledding.....	35.5	20	20.8	.5
Water skiing.....	26.8	15	13.1	2.7	Snowmobiling.....	13.8	8	7.8	1.5
Sailing.....	19.1	11	7.8	2.0	Parachute jumping.....	.2	(2)	.2	.2
Canoeing, kayaking, etc.....	26.9	15	9.0	2.6	Rock climbing.....	.2	(2)	-	-
Other boating.....	57.3	33	34.3	1.5	Gardening.....	3.4	2	2.7	.2
Swimming: ¹ Pool.....	107.4	63	83.5	.9	Exercising.....	.2	(2)	-	.2
Other.....	77.9	45	59.5	.3	Skate boarding.....	.2	(2)	.2	.3
Scuba diving.....	.2	(2)	.2	-					
Golf.....	27.1	15	18.9	2.4					

- Represents zero. Z Less than one percent. ¹ Includes sunbathing. ² Historic or national sites.

Source: U.S. Heritage Conservation and Recreation Service, unpublished data.

NO. 400. SPORT FISHING AND HUNTING LICENSES—NUMBER AND COST: 1960 TO 1979

[For years ending June 30 except, beginning 1976, ending Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series H 875-876]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979
Fishing licenses: Sales	Million.....	23.3	25.0	31.1	34.3	34.7	34.9	34.0	32.8	35.4
Resident.....	Million.....	20.2	21.6	26.8	29.5	30.0	29.8	29.0	27.9	30.2
Nonresident.....	Million.....	3.1	3.4	4.3	4.8	4.7	5.1	5.0	4.9	5.1
Paid license holders ¹	Million.....	19.1	20.5	24.4	29.1	27.5	27.8	27.3	26.2	27.9
Cost to anglers.....	Mil. dol.....	52	63	91	128	142	155	156	159	174
Hunting licenses: Sales	Million.....	18.4	19.4	22.2	25.1	25.9	25.2	25.4	25.8	26.4
Resident.....	Million.....	17.8	18.5	21.0	23.8	24.7	24.0	24.1	24.4	25.0
Nonresident.....	Million.....	.6	.9	1.2	1.3	1.3	1.3	1.3	1.4	1.4
Paid license holders ¹	Million.....	² 11.8	14.3	15.4	16.4	16.6	16.3	16.2	16.3	16.6
Cost to hunters.....	Mil. dol.....	61	75	102	143	155	164	173	185	199
Federal duck stamps sold	1,000.....	1,629	1,566	2,072	2,046	2,222	2,219	2,197	2,209	2,216

¹ Resident and nonresident. Includes multiple counting of license holders who bought nonresident licenses as well as a home state license. ² Excludes Colo., Mich., Minn., and Wis.

Source: U.S. Fish and Wildlife Service, *Federal Aid in Fish and Wildlife Restoration*, annual.

NO. 401. SPORT FISHERMEN AND HUNTERS: 1960 TO 1975

[In thousands. Persons 12 years old and over, except 1975, 9 years old and over. 1960 and 1975, persons who fished and hunted; 1965, persons who spent \$5 or more; 1970, persons who spent \$7.50 or more; also for 1965 and 1970, persons who reported 3 or more fishing and hunting days in year. 1960-1970 based on samples of approximately 18,000 households; for 1975, on 20,200 individuals. NA = Not available]

ITEM	Fisher-men and hunters, 1960	Fisher-men and hunters, 1965	1970, PERSONS WHO—			1975, PERSONS WHO—		
			Fished and/or hunted	Fished	Hunted	Fished and/or hunted	Fished	Hunted
Total	30,435	32,881	36,277	33,158	14,336	59,536	53,929	20,591
Male.....	23,171	25,216	26,928	24,073	13,467	(NA)	37,211	18,944
Female.....	7,264	7,665	9,349	9,085	869	(NA)	16,718	1,647
Metropolitan areas.....	8,741	14,811	15,354	14,417	4,606	(NA)	36,672	11,531
Nonmetropolitan areas.....	21,693	18,070	20,923	18,741	9,731	(NA)	17,257	9,060

Source: U.S. Fish and Wildlife Service, *National Survey of Fishing and Hunting, 1960, 1965 and 1970*; and *National Survey of Hunting, Fishing, and Wildlife—Associated Recreation, 1975*.

No. 402. SELECTED RECREATIONAL ACTIVITIES: 1960 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series H 862-864, H 871, H 874, and H 877]

ACTIVITY	Unit	1960	1965	1970	1975	1977	1978	1979	1980
Softball, amateur: ¹									
Total participants ²	Million.....	(NA)	(NA)	16	26	28	29	30	30
Youth participants.....	1,000.....	(NA)	(NA)	255	450	495	570	600	650
Adult teams ³	1,000.....	(NA)	16	29	66	80	92	102	110
Youth teams ³	1,000.....	(NA)	(NA)	2	9	13	14	15	18
Golfers (15 rounds or more) ⁴	1,000.....	4,400	7,750	9,700	12,036	12,451	12,655	12,870	13,000
Golf courses ⁵	Number.....	6,385	8,323	10,188	12,306	12,511	12,684	12,788	12,849
9-hole.....	Number.....	3,660	4,554	5,343	6,024	5,960	5,985	6,001	5,993
18-hole and larger.....	Number.....	2,725	3,769	4,845	6,282	6,551	6,699	6,787	6,856
Classification:									
Private.....	Number.....	3,236	3,887	4,619	5,085	5,136	5,168	5,146	5,151
Daily fee.....	Number.....	2,254	3,368	4,248	5,473	5,538	5,622	5,702	5,741
Municipal.....	Number.....	895	1,068	1,321	1,748	1,837	1,894	1,940	1,957
Tennis: ⁶ Players.....	1,000.....	5,000	(NA)	10,655	⁷ 33,949	(NA)	⁷ 31,217	⁷ 32,271	(NA)
Indoor.....	1,000.....	(NA)	(NA)	(NA)	⁷ 8 3,463	(NA)	(NA)	5,000	(NA)
Tennis courts.....	1,000.....	(NA)	(NA)	(NA)	130.0	(NA)	(NA)	160.0	(NA)
Indoor.....	1,000.....	(NA)	(NA)	(NA)	7.8	(NA)	(NA)	11.9	(NA)
Tenpin bowling: ⁹									
Establishments.....	Number.....	8,997	10,752	9,140	8,577	8,640	8,698	8,699	8,591
Lanes.....	1,000.....	108	159	141	141	147	152	154	154
Membership, total ¹⁰	1,000.....	5,538	8,010	7,733	8,751	9,453	9,717	9,649	9,595
American Bowling Congress.....	1,000.....	3,665	4,944	4,210	4,300	4,583	4,686	4,662	4,688
Women's Bowling Congress.....	1,000.....	1,543	2,736	2,988	3,692	4,044	4,177	4,163	4,118
Duckpin bowling: ^{11 12}									
Establishments.....	Number.....	653	641	486	205	200	197	185	182
Lanes.....	Number.....	8,707	8,714	6,648	3,643	3,517	3,496	3,378	3,337
Teams.....	1,000.....	62.1	60.6	75.3	25.9	27.7	25.7	22.5	(NA)
Motion picture theaters ^{13 14}									
Four-wall.....	1,000.....	^{12 15} 16	13	14	15	16	16	17	18
Four-wall.....	1,000.....	^{12 15} 12	9	10	11	13	13	13	14
Drive-in.....	1,000.....	^{12 15} 4	4	4	4	3	3	4	4
Receipts, box office.....	Mil. dol.....	^{12 15} 951	927	1,225	2,115	2,372	2,643	2,821	2,749
Admission, average price.....	Dollars.....	^{12 15} .65	¹⁶ .85	1.55	2.05	2.23	2.34	2.52	2.69
Bicycles: ¹⁷									
Domestic shipments.....	Million.....	2.6	4.6	5.0	5.6	7.5	7.5	9.0	7.0
Imports.....	Million.....	1.1	1.0	1.9	1.7	1.9	1.9	1.8	2.0
Boating: ¹⁸									
Recreational boats owned.....	Million.....	8.0	7.9	8.8	9.7	10.5	11.3	11.6	11.8
Outboard boats.....	Million.....	4.1	4.5	5.2	5.7	6.2	6.6	6.7	6.8
Inboard boats.....	Million.....	.9	.6	.6	.8	1.0	1.1	1.3	1.2
Sailboats.....	Million.....	.5	.6	.6	.8	.8	.9	.9	1.0
Canoes.....	Million.....							1.2	1.3
Rowboats and other.....	Million.....	2.5	2.2	2.4	2.4	2.3	2.7	1.5	1.5
Expenditures, total ¹⁹	Bil. dol.....	2.5	2.7	3.4	4.8	5.9	6.7	7.5	7.4
Outboard motors in use.....	1,000.....	5,800	6,645	7,215	7,649	7,760	7,880	7,958	8,265
Motors sold.....	1,000.....	468	393	430	435	462	450	375	315
Value, retail.....	Mil. dol.....	221	183	281	411	607	634	597	554
Outboard boats sold.....	1,000.....	²⁰ 294	250	276	328	336	331	322	290
Value, retail.....	Mil. dol.....	(NA)	133	177	263	391	430	469	408
Inboard/outdrive boats sold.....	1,000.....	(²⁰)	17	43	70	84	90	89	56
Value, retail.....	Mil. dol.....	(NA)	64	182	420	672	819	827	616
Snowmobiles: ²¹									
Factory sales.....	1,000.....	(NA)	15	172	144	118	155	115	105
Apparent consumption ²²	1,000.....	(NA)	32	405	145	132	183	167	129

NA Not available. ¹ Source: Amateur Softball Association, Oklahoma City, Okla. ² Amateur Softball Association teams and other amateur softball teams. ³ Amateur Softball Association teams only. ⁴ Source: National Golf Foundation, North Palm Beach, Fla. ⁵ Prior to 1975, figures represent facilities. ⁶ Source: U.S. Tennis Association, Princeton, N.J. ⁷ Survey by A. C. Nielsen Co. ⁸ 1974 data. ⁹ Source: American Bowling Congress, Greendale, Wis. Season ending in year shown. ¹⁰ Includes American Jr. Bowling Congress and ABC/WIBC Collegiate Division. Beginning 1978, covers members in U.S. only. ¹¹ Source: National Duckpin Bowling Congress, Washington, D.C. Season beginning in year shown. ¹² Excludes Alaska and Hawaii. ¹³ Source: Motion Picture Association of America, Inc., New York, N.Y. ¹⁴ Prior to 1975, figures represent theaters; thereafter, screens. ¹⁵ 1958 data. ¹⁶ 1963 data. ¹⁷ Source: Bicycle Manufacturers Association of America, Inc., Washington, D.C. ¹⁸ Source: Marex, Inc., Chicago, Ill. ¹⁹ Represents estimated expenditures for new and used boats, motors, accessories, safety equipment, fuel, insurance, docking, maintenance, storage, repairs, and other expenses. ²⁰ Inboard/outdrive boats sold included with outboard boats sold. ²¹ Source: U.S. International Trade Commission. 1979 and 1980 estimated. ²² Factory sales plus imports minus exports.

Source: Compiled from sources listed in footnotes.

NO. 403. SELECTED SPECTATOR SPORTS: 1960 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series H 865-870 and H 872]

SPORT	Unit	1960	1965	1970	1975	1977	1978	1979	1980
Baseball, major leagues: ^{2 2}									
Attendance.....	1,000.....	20,261	22,806	29,191	30,373	39,523	41,402	44,262	43,746
Regular season.....	1,000.....	19,911	22,442	28,747	29,789	38,710	40,637	43,550	43,014
National League.....	1,000.....	10,685	13,581	16,662	16,600	19,070	20,107	21,178	21,124
American League.....	1,000.....	9,227	8,861	12,085	13,189	19,640	20,530	22,372	21,890
Playoffs.....	1,000.....	(X)	(X)	191	276	475	428	344	407
World Series.....	1,000.....	350	364	253	308	338	337	368	325
Basketball: ³									
College: ⁴ Teams.....	Number.....	(NA)	(NA)	(NA)	(NA)	1,214	1,253	1,240	1,258
Attendance.....	1,000.....	(NA)	(NA)	(NA)	(NA)	29,041	29,104	30,025	30,692
Professional, attendance: ^{1 5}	1,000.....	1,986	2,750	67,113	610,954	10,706	10,672	10,665	10,677
Football:									
College: ⁴ Teams.....	Number.....	620	616	617	634	638	643	643	642
Attendance.....	1,000.....	20,403	24,693	29,466	31,688	32,905	34,252	35,020	35,541
Pro: ⁷ Total attendance.....	1,000.....	84,154	86,547	9,992	10,689	11,552	13,395	13,812	14,017
Regular season.....	1,000.....	84,054	86,416	9,533	10,213	11,018	12,771	13,182	13,392
Average per game.....	1,000.....	840,106	847,286	52,361	56,116	56,218	57,017	58,848	59,797
Postseason games: ¹⁰	1,000.....	8100	8131	458	476	534	624	630	625
North American Soccer League: ¹¹									
Teams.....	Number.....	(X)	(X)	6	20	18	24	24	24
Attendance.....	1,000.....	(X)	(X)	(NA)	1,825	3,674	5,351	5,800	6,194
National Hockey League: ^{12 12}									
Regular season attendance.....	1,000.....	2,387	2,823	5,992	9,522	8,564	8,526	8,333	10,534
Playoffs attendance.....	1,000.....	187	304	462	784	646	686	694	1,977
World Hockey Association: ^{13 14}									
Regular season attendance.....	1,000.....	(X)	(X)	(X)	4,096	3,625	2,890	2,193	(13)
Playoffs attendance.....	1,000.....	(X)	(X)	(X)	336	401	231	186	(13)
Professional boxers: ^{15 16}									
Boxing receipts, gross: ^{15 16}	Number.....	172,920	2,202	5,071	7,647	8,872	9,143	9,461	11,264
Boxing receipts, gross: ^{15 16}	\$1,000.....	175,902	8,264	10,642	13,179	19,036	24,785	28,653	34,900
Horse racing: ^{20 21} Racing days.....	Number.....	6,099	8,051	9,962	13,110	13,300	13,147	13,160	13,133
Attendance.....	1,000.....	46,879	62,887	69,704	78,662	75,987	75,324	72,783	74,690
Parimutuel turnover.....	Mil. dol.....	3,358	4,615	5,977	7,862	9,898	10,029	10,726	11,218
Revenue to government.....	Mil. dol.....	258	370	486	582	700	673	681	713
Greyhound: ²⁰ Racing days.....	Number.....	2,478	3,443	3,023	3,960	5,218	5,501	6,110	5,855
Attendance.....	1,000.....	7,924	10,665	12,660	17,458	19,985	20,272	21,127	20,874
Parimutuel turnover.....	Mil. dol.....	322	460	730	1,261	1,591	1,746	1,985	2,064
Revenue to government.....	Mil. dol.....	22	33	53	91	119	128	145	152

NA Not available. X Not applicable. ¹Excludes Alaska and Hawaii. ²Source: The National League of Professional Baseball Clubs, New York, N.Y., *National League Green Book*; and The American League of Professional Baseball Clubs, New York, N.Y., *American League Red Book*. ³Season ending in year shown. ⁴Source: National Collegiate Athletic Assn., Shawnee Mission, Kans. ⁵Source: National Basketball Assn., New York, N.Y. Includes playoffs. ⁶Includes American Basketball Assn., which, beginning 1977, ceased operation. ⁷Source: National Football League, New York, N.Y. ⁸Includes American Football League, Beginning 1970, American Football League merged with National Football League. ⁹Covers NFL games only. ¹⁰Beginning 1970, includes Pro Bowl, a non-championship game. ¹¹Source: North American Soccer League, New York, N.Y. ¹²Source: National Hockey League, Montreal, Quebec. ¹³World Hockey Association ceased operation after 1978-1979 season. Four former W.H.A. teams joined NHL in 1979-1980 season. ¹⁴Source: The World Hockey Assn., Hartford, Conn. ¹⁵Source: The Ring Publishing Corp., New York, N.Y., *The Ring Magazine* (copyright). ¹⁶Boxers listed for one or more bouts. ¹⁷Excludes Alaska. ¹⁸Excludes closed-circuit TV receipts. ¹⁹Unpublished unofficial estimate. ²⁰Source: National Assn. of State Racing Commissioners, Lexington, Ky. ²¹Includes thoroughbred, harness, quarter horse, and fairs.

Source: Compiled from sources listed in footnotes.

NO. 404. FINANCIAL SUPPORT OF THE ARTS BY PRIVATE BUSINESS—SUMMARY: 1967 TO 1979

[Based on a sample survey of business organizations listed in Dun & Bradstreet's Million Dollar Directory and Middle Market Directory. For 1979, 1,343 of 17,172 companies responded. Subject to sampling variability; contact source for details]

YEAR	TOTAL SUPPORT (mil. dol.)		TYPE OF ART FORM	PERCENT OF CONTRIB- UTORS SUPPORTING—			PERCENT OF TOTAL SUPPORT GIVEN TO—		
	Current dollars	Con- stant (1970) dollars		1973	1976	1979	1973	1976	1979
1967.....	22	26	Museums.....	20	53	56	18	22	19
1970.....	68	68	Symphony orchestras.....	27	68	69	13	12	12
1973.....	144	126	Public radio, television.....	11	36	35	11	19	11
1976.....	221	151	Art or cultural centers.....	15	34	37	9	9	10
1979.....	436	233	Art funds, councils.....	13	33	36	7	5	7
			Theaters.....	11	42	51	3	7	7
			Art exhibits.....	5	14	15	4	1	5

Source: Business Committee for the Arts, Inc., New York, N.Y., press release.

NO. 405. FEDERAL AID TO THE ARTS AND HUMANITIES: 1970 TO 1980

[In millions of dollars, except as indicated. For years ending June 30 except, beginning 1977, ending Sept. 30]

TYPE OF FUND AND PROGRAM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
National Endowment for the Arts:										
Funds available ¹	15.7	36.3	45.3	71.8	86.9	95.6	114.5	142.0	179.6	188.1
Program appropriation	6.3	26.2	34.7	54.3	67.3	74.5	77.5	89.1	102.1	97.0
Non-Federal gifts ²	2.0	3.5	3.6	7.3	7.7	7.5	16.5	25.5	37.5	42.9
Matching funds ³	2.0	3.5	3.5	6.5	7.5	7.5	16.5	25.5	37.5	42.9
Grants awarded (number)	556	1,543	2,112	2,957	3,071	4,325	4,302	4,225	5,090	5,651
Funds obligated	12.9	33.1	42.0	67.6	81.7	92.6	112.6	141.9	178.4	166.4
Music	2.5	9.7	10.4	16.1	14.9	17.2	17.3	19.5	16.4	13.6
State arts agencies	1.9	5.5	6.9	10.6	14.7	15.6	16.3	18.9	22.8	22.1
Museums	(NA)	4.1	4.6	9.0	10.8	11.4	10.9	12.4	11.6	11.2
Theater	2.8	2.7	3.3	5.0	6.4	6.3	6.9	7.5	8.3	8.4
Dance	1.7	2.3	2.8	3.9	6.1	5.6	6.0	7.0	8.1	8.0
Public media	.2	2.0	2.8	4.9	5.4	9.3	8.0	9.0	9.4	8.4
Challenge ⁴	(x)	(x)	(x)	(x)	(x)	(x)	18.0	36.0	59.8	50.8
Other	3.8	6.8	11.3	18.3	23.3	27.2	29.2	31.7	42.0	43.8
National Endowment for the Humanities:										
Funds available ¹	13.0	36.4	47.5	65.6	86.0	98.8	124.3	137.8	186.9	181.2
Program appropriation	6.1	24.5	34.5	44.5	67.3	72.0	77.5	87.8	98.3	100.3
Non-Federal gifts ²	2.0	3.5	3.5	6.5	6.5	7.5	16.0	25.0	36.5	38.4
Matching funds ³	2.0	3.5	3.5	6.5	6.5	7.5	16.0	25.0	36.5	38.4
Grants awarded (number)	542	1,109	1,256	1,293	1,330	1,614	2,045	2,701	2,600	2,919
Funds obligated	10.5	31.9	40.5	60.2	73.1	86.6	116.8	149.0	185.1	185.4
Education programs	4.2	12.8	11.8	17.1	17.1	20.0	20.1	19.8	20.0	18.3
State programs	(x)	(x)	(x)	(x)	(x)	(x)	19.9	20.5	24.7	25.9
Research grants	2.0	7.8	9.7	13.7	13.4	18.6	22.2	26.3	32.2	32.0
Fellowship program	1.7	5.3	7.4	7.5	10.9	11.7	13.2	15.5	16.8	18.0
Public programs	1.7	5.3	9.7	19.0	26.3	31.2	15.7	19.4	23.7	25.1
Special programs and planning	.9	.7	1.9	2.9	5.5	5.1	6.6	7.9	12.1	12.6
Challenge ⁴	(x)	(x)	(x)	(x)	(x)	(x)	19.1	39.5	55.6	53.5

NA Not available. X Not applicable.

¹ Includes other funds, not shown separately. Excludes administrative funds.² Gifts received by the Endowment for the support of a cultural organization, which release a like amount in Federal funds.³ Represents Federal funds appropriated only upon receipt by Endowment of matching non-Federal gifts.⁴ Program designed to stimulate new sources and higher levels of giving to institutions for the purpose of guaranteeing long-term stability and financial independence. Program requires a match of 3 private dollars to each Federal dollar. Funds for Challenge grants are not allocated by program area because they are awarded on a grant-by-grant basis.Source: U.S. National Endowment for the Arts, *Annual Report*; and U.S. National Endowment for the Humanities, *Annual Report*.

NO. 406. STATE LEGISLATIVE APPROPRIATIONS FOR ARTS AGENCIES: 1970 TO 1981

[For fiscal years ending in year shown. Fiscal years for most States ended June 30]

STATE	1970, total (\$1,000)	1975, total (\$1,000)	1980, total (\$1,000)	1981		STATE	1970, total (\$1,000)	1975, total (\$1,000)	1980, total (\$1,000)	1981	
				Total (\$1,000)	Per cap- ita (dol.)					Total (\$1,000)	Per cap- ita (dol.)
Total	7,670	58,152	101,029	111,094	.49	Neb.	12	129	399	434	.28
Ala.	100	125	525	525	.14	Nev.	-	15	87	88	.11
Alaska	48	216	1,675	1,931	4.76	N.H.	10	45	153	162	.18
Ariz.	24	83	233	263	.11	N.J.	78	793	3,333	2,983	.41
Ark.	-	167	846	856	.39	N. Mex.	20	65	203	215	.17
Calif.	171	1,009	7,891	11,281	.48	N.Y.	2,256	35,653	33,285	33,179	1.90
Colo.	27	1,251	603	730	.25	N.C.	90	222	1,379	1,413	.24
Conn.	115	394	1,305	1,249	.40	N. Dak.	-	5	101	101	.15
Del.	45	43	123	175	.29	Ohio	223	976	4,709	4,664	.43
D.C.	26	30	356	551	.87	Okl.	66	95	552	875	.29
Fla.	5	399	2,378	2,675	.28	Oreg.	25	53	335	349	.13
Ga.	88	102	1,102	1,316	.24	Pa.	204	1,490	2,594	2,821	.24
Hawaii	164	599	1,545	1,968	2.04	R.I.	106	267	359	403	.43
Idaho	10	23	86	117	.12	S.C.	132	596	941	1,023	.33
Ill.	250	925	2,246	3,168	.28	S. Dak.	19	85	155	157	.23
Ind.	25	161	1,277	1,273	.23	Tenn.	69	412	517	514	.11
Iowa	31	71	313	305	.11	Tex.	106	160	1,215	1,225	.09
Kans.	66	79	262	343	.15	Utah	83	268	1,088	1,148	.80
Ky.	135	226	857	1,005	.28	Vt.	29	50	108	137	.27
La.	28	60	857	2,003	.48	Va.	10	265	1,230	1,301	.24
Maine	80	163	180	217	.19	Wash.	81	246	579	644	.16
Mass.	278	450	1,345	1,564	.37	W. Va.	117	360	1,563	1,636	.85
Mich.	100	1,600	2,300	4,000	.70	Wis.	-	60	719	720	.15
Minn.	113	300	6,076	5,037	.55	Wyo.	-	15	63	88	.19
Miss.	-	113	307	3,060	.75	Am. Samoa	-	60	43	75	2.41
Mo.	193	1,249	2,531	2,489	.51	Guam	-	37	74	81	.71
Mont.	25	28	93	97	.12	P.R.	1,491	3,605	4,980	5,976	1.88
						V.I.	160	160	103	108	1.12

- Represents zero.

Source: National Assembly of State Arts Agencies, Washington, D.C., unpublished data.

NO. 407. PERFORMING ARTS—SELECTED DATA: 1960 TO 1980

[Receipts and expenditures in millions of dollars. For season ending in year shown, except as indicated]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Legitimate theater: ¹										
Broadway shows:										
New productions.....	58	67	62	50	59	62	63	54	47	67
Playing weeks ²	1,156	1,250	1,047	907	1,101	1,136	1,347	1,360	1,472	1,541
Gross box office receipts.....	45.7	50.5	53.3	46.3	57.4	70.8	93.4	103.8	128.1	143.4
Road shows:										
Playing weeks ³	728	643	1,024	899	799	814	987	1,025	1,192	1,351
Gross box office receipts.....	27.3	25.9	48.0	45.7	50.9	52.6	82.6	105.6	143.9	181.2
Opera companies ⁴	754	732	648	902	807	913	914	956	966	986
Major.....	(NA)	27	35	53	54	65	68	78	95	109
Expenditures.....	(NA)	(NA)	36.5	(NA)	(NA)	71.8	79.7	96.3	111.5	133.6
Other companies.....	403	296	266	400	335	412	424	458	456	458
Workshops.....	351	409	347	449	418	436	422	420	415	419
Performances.....	4,232	4,176	4,779	6,676	6,428	7,109	7,389	7,806	8,554	9,391
Operas performed.....	287	331	341	403	387	427	427	448	498	497
World premieres.....	(NA)	(NA)	17	32	16	45	33	42	64	79
Attendance (mil.).....	(NA)	(NA)	4.6	8.0	8.0	8.9	9.2	9.8	9.9	10.7
Symphony orchestras ⁵	1,226	1,385	1,441	1,463	1,463	1,410	1,453	1,470	1,540	1,572
College.....	250	290	298	300	300	356	356	278	379	385
Community.....	933	1,032	1,019	1,003	1,003	872	888	⁶ 950	⁶ 909	⁶ 926
Urban.....	(7)	(7)	24	43	41	56	69	76	79	85
Metropolitan.....	18	38	72	86	90	79	86	106	113	115
Regional.....	(8)	(8)	(8)	(8)	(8)	16	23	29	29	29
Major.....	25	25	28	29	29	31	31	31	31	32
Musicians.....	(NA)	2,216	2,513	2,614	2,635	2,782	2,772	2,781	2,820	2,892
Concerts played.....	(NA)	2,987	4,349	4,723	4,909	5,314	5,504	5,851	5,656	5,520
Attendance (mil.).....	(NA)	6.8	9.0	11.8	12.0	13.4	13.7	13.7	13.7	13.9
Ensemble concerts.....	(NA)	(NA)	(NA)	1,208	1,191	956	1,002	1,197	1,492	1,429
Attendance (1,000).....	(NA)	(NA)	(NA)	544	650	605	353	411	306	370
Gross expenditures.....	(NA)	27.7	58.8	85.6	96.6	108.4	121.5	138.0	161.1	185.4

NA Not available. ¹ Source: *Variety*, New York, N.Y., June 3, 1981 issue (copyright). ² All shows (new productions and holdovers from previous seasons). ³ Eight performances constitute one playing week. ⁴ Source: Central Opera Service, New York, N.Y., *Central Opera Service Bulletin*, periodic. Major companies have annual budgets of \$100,000 or more and issue American Guild of Musical Artists (AGMA) contracts to all soloists. Workshops are primarily college and university opera companies. ⁵ Source: American Symphony Orchestra League, Inc., Vienna, Va. For years ending Aug. 31. Orchestras other than college groups are principally defined by their annual budgets: As of 1980, community, under \$60,000; urban, \$60,000–\$150,000; metropolitan, \$150,000–\$600,000; regional, \$600,000–\$2,225,000; and major, over \$2,225,000. Prior to 1980, other budget classifications were in effect. ⁶ Includes youth and chamber groups with budgets under \$50,000. ⁷ Classification began in 1967. ⁸ Classification began in 1976.

Source: Compiled from sources listed in footnotes.

NO. 408. NONPROFIT MUSEUMS—SELECTED CHARACTERISTICS, BY TYPE OF MUSEUM: 1979

[For fiscal years of museums ending in 1979. Based on a sample of 1,373 nonprofit museums. Subject to sampling variability; see source]

ITEM	Unit	Total	History	Science	Art	General	Specialized	Park and visitor centers	Children's and junior
Museums.....	Number.....	4,408	2,204	800	609	382	197	165	51
Percent with general admission fee.....	Percent.....	31.8	33.3	38.8	15.9	24.8	61.5	14.8	40.7
Private nonprofit institution.....	Number.....	2,354	1,335	273	367	193	140	15	32
Government.....	Number.....	1,466	746	323	73	131	45	145	5
Educational institution.....	Number.....	476	48	188	166	51	13	1	12
Other.....	Number.....	115	77	17	5	8	1	6	2
Operating income.....	Mil. dol.....	1,088	261	380	294	88	27	30	8
Earned income.....	Mil. dol.....	460	101	160	143	31	16	5	3
Federal government.....	Mil. dol.....	148	48	52	25	8	1	13	1
State government.....	Mil. dol.....	126	67	25	14	14	1	4	(z)
Local government.....	Mil. dol.....	188	18	96	42	21	3	6	2
Individual contributions.....	Mil. dol.....	47	9	14	19	3	2	(z)	1
Foundations.....	Mil. dol.....	46	6	18	16	3	1	1	1
Corporations.....	Mil. dol.....	26	3	6	14	2	1	(z)	(z)
Other.....	Mil. dol.....	48	7	10	23	5	2	1	(z)
Operating expenditures ¹	Mil. dol.....	1,005	226	368	264	84	27	28	8
Administration.....	Mil. dol.....	200	55	55	60	16	6	6	2
Building and maintenance.....	Mil. dol.....	190	48	71	40	14	5	10	1
Exhibits.....	Mil. dol.....	131	24	58	34	9	4	1	1
Curatorial.....	Mil. dol.....	128	22	51	36	15	2	2	1
Annual attendance.....	Million.....	347.8	85.6	150.3	49.8	24.4	8.7	26.2	2.7
Regular full-time staff.....	Number.....	37,533	8,964	13,439	9,862	3,100	897	861	410

Z Less than \$500,000. ¹ Excludes museums not reporting expenditure distributions. Total includes other types of expenditures, not shown separately.

Source: U.S. National Center for Education Statistics, *Museum Program Survey*, 1979.

NO. 409. VOLUME AND CHARACTERISTICS OF TRAVEL: 1972 AND 1977

[A trip is counted each time a person goes at least 100 miles away from home. Based on Census of Transportation, National Travel Survey; see Appendix III]

CHARACTERISTIC	1972				1977					
	Person-trips		Person-miles ¹		Household trips		Person-trips		Person-miles ¹	
	Number (mil.)	Per cent	Number (bil.)	Per cent	Number (mil.)	Per cent	Number (mil.)	Per cent	Number (bil.)	Per cent
Total	458	100.0	362	100.0	313	100.0	539	100.0	382	100.0
Auto/truck, no camping equipment.....	358	77.7	229	63.3	222	71.1	411	76.3	208	54.4
Auto/truck with camping equipment.....	34	7.4	28	7.7	14	4.4	31	5.8	23	5.9
Bus.....	8	1.8	6	1.6	12	3.8	15	2.8	9	2.3
Train.....	2	.4	2	.5	3	1.0	4	.8	4	1.0
Airplane.....	54	11.8	94	25.9	52	16.7	66	12.2	126	33.0
Other ²	4	.8	4	1.2	9	2.9	13	2.3	13	3.4
Purpose of trip: Visiting.....	176	38.4	140	38.7	101	32.2	198	36.8	140	36.7
Business/convention.....	93	20.2	80	22.0	87	27.7	105	19.6	87	22.8
Outdoor recreation.....	57	12.4	33	9.0	36	11.5	71	13.1	36	9.3
Entertainment, sightseeing.....	61	13.3	56	15.3	37	11.8	70	13.0	58	15.3
Personal, shopping, medical.....	72	15.7	54	14.9	38	12.2	71	13.1	44	11.6
Other.....					14	4.6	24	4.4	17	4.4
Round-trip distance:										
200-399 miles.....	189	41.2	55	15.1	155	49.5	272	50.5	75	19.6
400-599 miles.....	92	20.0	44	12.1	53	17.0	94	17.4	46	11.9
600-799 miles.....	45	9.9	31	8.5	24	7.6	41	7.5	28	7.3
800-999 miles.....	25	5.5	22	6.1	14	4.5	24	4.5	21	5.6
1,000-1,999 miles.....	48	10.4	66	18.1	29	9.3	48	8.8	67	17.4
2,000 miles and over.....	41	8.9	145	40.0	27	8.8	43	7.9	146	38.1
Outside United States.....	18	4.0	(x)	(x)	10	3.3	18	3.3	(x)	(x)
Duration of trip:										
No nights out of town.....	83	18.0	31	8.6	64	20.3	101	18.7	32	8.4
1 night.....					52	16.6	89	16.5	38	9.8
2-3 nights.....					108	34.7	193	35.8	103	26.9
4-9 nights.....	360	78.6	297	81.7	61	19.6	108	20.0	117	30.6
10-15 nights.....					15	4.9	28	5.2	51	13.3
16 nights or more.....	16	3.4	35	9.7	12	3.9	20	3.8	42	11.0
Number on trip:										
1 person.....	120	26.2	106	29.3	186	59.4	186	34.6	147	38.5
2 persons.....	131	28.5	109	30.3	79	25.2	164	30.5	119	31.2
3-4 persons.....					39	12.4	137	25.5	86	22.5
5 persons or more.....	208	45.3	147	40.6	9	3.0	51	9.5	30	7.9

X Not applicable. ¹ Miles of travelers adjusted for circuitry based on type of transport. ² Includes different means of going and coming.

NO. 410. U.S. TRAVEL, BY SELECTED CHARACTERISTICS OF TRAVELERS: 1977

(See headnote, table 409)

CHARACTERISTIC	TRAVELERS						HOUSEHOLDS ²			
	Total		Person-trips		Person-miles ¹		Traveling		Nontraveling	
	Number (mil.)	Per cent	Number (mil.)	Per cent	Number (bil.)	Per cent	Number (mil.)	Per cent	Number (mil.)	Per cent
Total	136	100.0	539	100.0	382	100.0	54	100.0	21	100.0
Male.....	67	49.2	296	54.8	212	55.3	42	78.4	13	63.2
Female.....	69	50.8	244	45.2	171	44.7	12	21.6	8	36.8
White.....	124	91.1	505	93.7	356	93.2	49	90.6	17	81.2
Black and other.....	12	8.9	34	6.3	26	6.8	5	9.4	4	18.8
Under 18 years.....	38	28.0	116	21.5	73	19.0	(2)	(2)	-	-
18-24 years.....	19	13.7	62	11.5	40	10.4	5	10.1	2	7.6
25-44 years.....	40	29.3	193	35.8	138	36.0	23	41.9	6	28.0
45-64 years.....	29	21.3	135	25.0	104	27.1	18	33.8	6	29.3
65 and over.....	10	7.7	33	6.2	29	7.5	8	14.2	7	35.1
Owned dwelling.....	101	74.3	404	74.9	288	75.2	37	67.9	12	57.5
Rented dwelling ³	35	25.7	136	25.1	95	24.8	17	32.1	9	42.5
Family income:										
Under \$5,000.....	12	8.6	35	6.5	24	6.3	7	12.4	7	33.4
\$5,000-\$7,499.....	11	8.1	33	6.1	24	6.2	5	9.8	4	17.1
\$7,500-\$9,999.....	10	7.6	33	6.2	23	5.9	5	9.1	2	10.6
\$10,000-\$14,999.....	31	22.6	111	20.6	73	19.1	12	23.2	4	18.6
\$15,000-\$19,999.....	26	18.9	102	18.8	66	17.3	9	17.4	2	12.0
\$20,000-\$24,999.....	20	14.9	85	15.8	58	15.3	7	12.7	1	4.6
\$25,000 and over.....	26	19.2	140	25.9	114	29.8	8	15.4	1	3.8

- Represents zero. Z Fewer than 500 thousand or .05 percent. ¹ See footnote 1, table 409. ² For sex, race, and age, refers to household; see text, pp. 3 and 4. ³ Includes occupied without cash payment.
Source of tables 409 and 410: U.S. Bureau of the Census, *Census of Transportation, 1977, National Travel Survey*.

NO. 411. CHARACTERISTICS OF HOUSEHOLD TRIPS, BY PURPOSE OF TRIP: 1977

[See headnote, table 409]

CHARACTERISTIC	Total household trips (mil.)	PERCENT						
		Total	Visit relatives, friends	Business, convention	Outdoor recreation	Personal affairs, medical	Entertainment	Sightseeing
Total	313	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Means of transport:								
Auto/truck.....	236	75.5	81.5	61.9	90.2	82.3	75.1	67.3
Bus.....	12	3.8	2.8	1.2	3.6	2.6	8.9	11.5
Train.....	3	1.0	1.2	1.5	.2	.9	.8	1.0
Airplane.....	52	16.7	11.4	33.0	3.9	10.3	12.6	17.3
Other ¹	9	2.9	3.2	2.4	2.1	4.0	2.6	2.9
Used a travel agent.....	24	7.6	4.9	11.5	3.5	3.9	10.3	19.2
Rented a car.....	16	5.1	2.1	11.3	2.0	2.9	4.6	5.9

¹ Includes different means of going and coming.Source: U.S. Bureau of the Census, *Census of Transportation, 1977, National Travel Survey*.

NO. 412. PASSPORTS, BY CHARACTERISTICS OF TRAVELERS AND OBJECT: 1960 TO 1980

[In thousands. Total passports are actual count; all other data based on a sample and prorated to total passports. Data subject to error since sample size varied through 1970; beginning 1973, based on a sample of approximately 10 percent of total volume of passports. Data refer to number of passports issued, not travelers. Excludes passport renewals. A single passport may cover more than one trip and more than one person. See also *Historical Statistics, Colonial Times to 1970*, series H 899-920]

CHARACTERISTIC	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total passports	853	1,330	2,219	2,729	2,415	2,334	2,817	3,107	3,234	3,170	3,020
Male.....	420	699	1,124	1,321	1,155	1,128	1,354	1,496	1,555	1,543	1,497
Female.....	433	631	1,095	1,408	1,260	1,206	1,463	1,611	1,679	1,627	1,523
Under 20 years.....	83	198	362	497	448	405	460	511	541	567	516
20-29 years.....	148	264	507	564	491	458	530	566	580	581	541
30-39 years.....	143	206	293	376	348	345	432	499	535	547	533
40-49 years.....	136	217	356	431	371	347	423	452	472	465	437
50-59 years.....	156	203	341	434	383	384	484	527	545	506	474
60 years and over.....	187	242	360	427	374	395	488	552	561	504	519
Object of travel: ¹											
Pleasure, personal reasons.....	673	1,022	2,008	2,323	1,767	1,692	2,114	2,108	2,389	2,094	2,076
Business.....	24	76	40	155	268	273	273	191	164	202	162
Education.....	31	31	20	95	153	132	126	79	75	93	80
Religion, health, other.....	9	10	5	10	21	26	16	11	13	15	13
Government.....	116	191	146	146	149	132	135	154	143	147	136
Not stated.....	(NA)	(NA)	(NA)	(NA)	57	79	153	564	450	619	553

NA Not available. ¹ Data not entirely comparable because of changes in classifications.Source: U.S. Dept. of State, Bureau of Consular Affairs, *Summary of Passport Statistics*, annual.

NO. 413. FOREIGN TRAVEL TO THE U.S.—TRAVELERS AND EXPENDITURES: 1965 TO 1980

[Travelers in thousands; expenditures in millions of dollars. Includes travelers for business and pleasure, foreigners in transit through the United States, and students; excludes travel by foreign government personnel and foreign businessmen employed in the United States. Travelers from overseas excludes Canada and Mexico. See also *Historical Statistics, Colonial Times to 1970*, series H 946-951]

AREA OF ORIGIN	1965	1970	1974	1975	1976	1977	1978	1979	1980 ¹
Travelers from overseas	1,204	2,288	3,700	3,674	4,456	4,509	5,764	7,230	7,706
Western Europe.....	564	984	1,544	1,500	1,892	1,885	2,483	3,135	3,368
Caribbean, Central America.....	(NA)	484	508	478	573	578	703	855	835
South America.....	(NA)	318	401	438	510	573	773	995	1,168
Japan.....	44	207	764	747	766	750	886	1,095	2,335
Other.....	596	295	483	511	715	723	919	1,150	
Total expenditures	1,545	2,708	4,845	5,464	6,679	7,175	8,424	10,012	12,143
Canada.....	490	859	1,225	1,561	1,983	2,150	2,248	2,092	2,428
Mexico.....	390	583	1,142	1,311	1,364	1,316	1,459	1,869	2,554
U.S. border area.....	(NA)	520	858	972	1,023	967	954	1,160	1,646
Western Europe.....	200	318	570	611	852	1,003	1,323	1,667	1,942
Caribbean, Central America.....	(NA)	170	216	206	289	276	322	375	417
South America.....	(NA)	164	237	303	360	455	660	793	977
Japan.....	27	101	402	410	439	450	539	699	774
Other.....	273	136	240	295	455	500	635	840	998
Fares to U.S. carriers ²	165	377	813	767	937	1,025	1,238	1,677	2,053

NA Not available. ¹ Preliminary. ² Includes fares paid to and from the United States only.Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*.

NO. 414. U.S. TRAVEL TO FOREIGN COUNTRIES—TRAVELERS AND EXPENDITURES: 1960 TO 1980

[Travelers in thousands; expenditures in millions of dollars, except as indicated. Covers residents of United States and Puerto Rico. See also *Historical Statistics, Colonial Times to 1970*, series H 921-940]

ITEM AND COUNTRY	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980 ¹
Total overseas travelers²	1,634	2,623	5,260	6,467	6,354	6,897	7,390	7,790	7,835	8,163
Means of transport from U.S.:										
Sea	317	237	120	47	36	55	(NA)	(NA)	(NA)	(NA)
Air	1,317	2,386	5,140	6,420	6,318	6,842	(NA)	(NA)	(NA)	(NA)
Region of destination:										
Europe and Mediterranean	832	1,405	2,898	3,325	3,185	3,523	3,920	4,105	4,068	3,934
Average length of stay (days)	(NA)	39	27	24	24	24	19	20	20	21
Caribbean and Central America	641	891	1,663	2,147	2,065	2,201	2,203	2,365	2,533	2,624
South America	71	127	249	423	447	436	483	515	434	594
Other	90	200	450	572	657	737	784	805	800	1,011
Total expenditures³	2,623	3,768	6,180	9,406	10,143	10,868	11,924	13,155	14,575	16,508
Foreign flag carriers ⁴	513	720	1,215	2,095	2,263	2,568	2,748	2,896	3,184	3,607
United States flag carriers ⁴	360	610	985	1,331	1,463	1,444	1,725	1,784	1,978	2,504
Expenditures abroad	1,750	2,438	3,980	5,980	6,417	6,856	7,451	8,475	9,413	10,397
Canada	380	600	1,018	1,359	1,306	1,371	1,433	1,407	1,599	1,817
Mexico	383	540	778	1,475	1,637	1,723	1,918	2,121	2,460	2,564
Total overseas areas	987	1,298	2,184	3,146	3,474	3,762	4,100	4,947	5,354	6,016
Europe and Mediterranean	692	864	1,425	1,802	1,918	2,150	2,398	2,942	3,185	3,412
Average per trip ⁵ (dollars)	830	611	490	542	602	610	612	717	783	867
Average per day (dollars)	(NA)	15.67	18.15	22.58	25.19	25.42	32.21	35.85	39.15	41.28
Caribbean and Central America	186	220	390	685	787	784	790	888	1,019	1,134
South America	45	68	90	209	242	232	254	306	288	392
Japan	36	60	97	102	131	145	149	155	142	185
Other	48	86	182	348	396	451	509	656	720	893

NA Not available. ¹ Preliminary. ² Excludes the following: Travel to Canada and Mexico; travel between conterminous United States and Alaska, Hawaii, Puerto Rico, and Virgin Islands; cruise travelers; military personnel and other Govt. employees and their dependents stationed abroad, and U.S. citizens residing abroad. ³ Includes shore expenditures of cruise travelers; excludes travel expenditures of military personnel and other Govt. employees and their dependents stationed abroad, and U.S. citizens residing abroad. ⁴ Excludes passenger fares of emigrant aliens. ⁵ Excludes transatlantic passenger fares.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*.

NO. 415. AIR TRAVEL BETWEEN THE UNITED STATES AND FOREIGN COUNTRIES: 1975 TO 1980

[In thousands. Covers passengers on international commercial flights arriving at and departing from U.S. airports. Excludes traffic between U.S. and Canada, border crossers, crewmen, and military personnel. Travelers between U.S. ports in the 50 States, Puerto Rico, Guam, or the Virgin Islands; and any other outlying area are included. Data compiled from flight reports of U.S. Immigration and Naturalization Service. Selection of countries based on minimum of 200,000 arrivals in 1980. For related data, see also *Historical Statistics, Colonial Times to 1970*, series C 296-331]

FLAG OF CARRIER AND COUNTRY	ARRIVALS					DEPARTURES				
	1975	1977	1978	1979	1980	1975	1977	1978	1979	1980
Total passengers	12,646	14,701	16,955	19,262	20,262	12,053	13,804	15,800	18,128	19,256
Flag of carrier:										
United States	6,503	7,487	8,551	9,871	10,031	5,913	6,889	7,834	9,142	9,369
Foreign	6,143	7,214	8,405	9,411	10,231	6,141	6,915	7,966	8,986	9,886
Country of embarkation or debarkation: ¹										
Bahamas, The	758	799	993	1,079	1,123	704	719	865	925	1,006
Bermuda	398	441	426	469	601	372	414	405	444	467
Brazil	212	186	219	253	300	206	181	217	252	291
Colombia	173	212	232	281	315	171	204	230	272	289
Denmark	222	238	248	260	267	188	210	214	238	254
Dominican Republic	336	416	429	465	468	322	390	402	419	443
France	512	611	656	707	689	470	539	569	646	635
Germany, Fed. Rep. of	622	863	963	1,053	1,175	649	824	897	1,003	1,178
Greece	121	198	220	231	208	123	185	198	220	190
Ireland	220	251	244	263	220	163	195	200	236	212
Italy	431	471	530	572	537	409	448	486	517	495
Jamaica	457	327	427	492	429	416	297	370	432	382
Japan	1,095	1,213	1,308	1,579	1,624	1,183	1,204	1,272	1,534	1,602
Mexico	1,626	1,647	2,118	2,620	2,886	1,524	1,570	2,062	2,537	2,886
Netherlands	312	322	371	460	427	304	314	338	422	409
Netherlands Antilles	213	269	307	353	327	184	230	256	302	282
Spain	306	299	335	333	312	260	259	295	292	273
Switzerland	236	345	339	321	312	224	323	311	305	306
United Kingdom	1,549	2,102	2,596	2,692	2,973	1,446	1,984	2,478	2,609	2,840
Venezuela	205	282	355	431	533	198	281	356	424	518
Other	2,643	3,208	3,641	4,367	4,536	2,536	3,034	3,381	4,097	4,288

¹ Country where passenger boarded/deboarded a direct flight to/from the U.S.

Source: U.S. Transportation Systems Center, Cambridge, Mass., *U.S. International Air Travel Statistics*, annual.



Section 9

Federal Government Finances and Employment

This section presents statistics relating to the financial structure and the civilian employment of the Federal Government. The fiscal data cover taxes, other receipts, outlays, and debt. The principal sources of fiscal data are *The Budget of the United States Government* and related documents, published annually by the Office of Management and Budget (OMB), and the Department of the Treasury's annual *Treasury Combined Statement of Receipts, Expenditures, and Balances of the United States Government*, the official report relating to the receipts, appropriations, outlays, and fund accounts. The *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury* is a convenient summary of yearly data relating to somewhat broader fields. Detailed data on tax returns and collections are published annually by the Internal Revenue Service. The personnel data relate to staffing and payrolls for the various public functions and agencies, to employee characteristics, and to civil service status; they are published by the Office of Personnel Management (formerly Civil Service Commission) and the Bureau of Labor Statistics (see p. 242).

Budget concept.—Under the unified budget concept, all Federal monies are included in one comprehensive budget. These monies comprise both Federal funds and trust funds. Federal funds are derived mainly from taxes and borrowing and are not restricted by law to any specific government purpose. Trust funds, such as the Unemployment Trust Fund, collect certain taxes and other receipts for use in carrying out specific purposes or programs in accordance with the terms of the trust agreement or statute. Trust fund balances include both open-book balances with Treasury and investments in U.S. securities. Part of the balance is obligated, part unobligated. The balances on an authorization basis exceed the cash balances because, for a few accounts, budget authority is not the same as receipts. In recent years, however, the budget totals, under provisions of law, have excluded some Federal activities—including the Federal Financing Bank, the Postal Service, and the lending activities of the Rural Electrification Administration. For fiscal year 1981, these activities (i.e., off-budget Federal entities; see below) are estimated to equal 3.5 percent of the unified budget. Data showing unified budget totals of budget receipts and outlays are presented in the 1982 *Budget* for the years 1940 to 1984; more detailed tables generally show data since 1972.

Receipts arising from the Government's compulsory powers are reported as governmental receipts; all other receipts, e.g., from business-type or market-oriented activities, are offset against outlays. Outlays are reported on a checks-issued (net) basis (i.e., outlays are recorded at the time the checks to pay bills are issued).

Debt concept.—For most of U.S. history, the total debt consisted of debt borrowed by the Treasury (i.e., public debt); it did not include monies which agencies were authorized to borrow without going through the Treasury (e.g., the Postal Service). The present debt series, includes both public debt and agency debt. The *gross Federal debt* includes money borrowed by the Treasury and by various Federal agencies; it is the broadest generally used measure of the Federal debt. *Total public debt* is restricted to borrowing by the Treasury, the Federal Financing Bank (FFB), and the value of savings bonds at current redemption value.

Off-budget Federal entities.—Off-budget Federal entities are federally owned and controlled, but their transactions have been excluded from the budget totals under provision of law. Therefore, their fiscal activities are not reflected in either budget outlays or the budget surplus or deficit; appropriation requests for their programs are not included in the totals of budget authority for the budget; and their outlays are not subject to the ceilings set by the congressional budget resolutions. When off-budget outlays are financed by Treasury borrowing, the additional debt is subject to statutory debt limit; when financed by the entities' own borrowing, it is not. In either case, the additional debt is part of the gross Federal debt.

Treasury receipts and outlays.—All receipts of the Government, with a few exceptions, are deposited to the credit of the U.S. Treasury regardless of ultimate disposition or availability for expenditure. Under the Constitution, no money may be withdrawn from the Treasury unless appropriated by the Congress.

The day-to-day cash operations of the Federal Government clearing through the accounts of the U.S. Treasury are reported in the *Daily Treasury Statement*. Extensive detail on the public debt is published in the *Monthly Statement of the Public Debt of the United States*.

Budget receipts such as taxes, customs duties, and miscellaneous receipts, which are collected by government agencies, and outlays represented by checks issued and cash payments made by disbursing officers as well as government agencies are reported in the *Monthly Treasury Statement of Receipts and Outlays of the United States Government* and in the *Annual Treasury Combined Statement of Receipts, Expenditures, and Balances of the United States Government*. These deposits in, and payments from, accounts maintained by government agencies are on the same basis as the unified budget.

The monthly *Treasury Bulletin* contains analytical material on fiscal operations and related Treasury activities, including financial statements of Government corporations and other business-type activities.

Income tax returns and tax collections.—Tax data are compiled by the Internal Revenue Service of the Treasury Department. The *Annual Report of the Commissioner of Internal Revenue* gives a detailed account of tax collections by kind of tax and by regions, districts, and States. The agency's three annual *Statistics of Income* reports present detailed data from individual income tax returns, corporation income tax returns, and business tax returns, respectively. The report on business tax returns presents financial data for sole proprietorships and partnerships. Periodic *Statistics of Income* publications present local area data for individuals as well as data from fiduciary income tax and estate tax returns, sales of capital assets by individuals, international income and taxes reported by corporations and individuals, and estate tax wealth.

Relation to national income accounts and GNP.—The Federal sector of the *national income and product accounts* focuses upon Federal transactions (comprising both Federal and trust funds) entering into national income, the gross national product, and other parts of the national economic accounts (see table 419). These accounts, however, include only receipts and outlays which directly affect the current flow of income and output, and therefore exclude such transactions as loans. Also, the Federal sector account records many taxes as they accrue, instead of as they are collected, and records most purchases at the time of delivery.

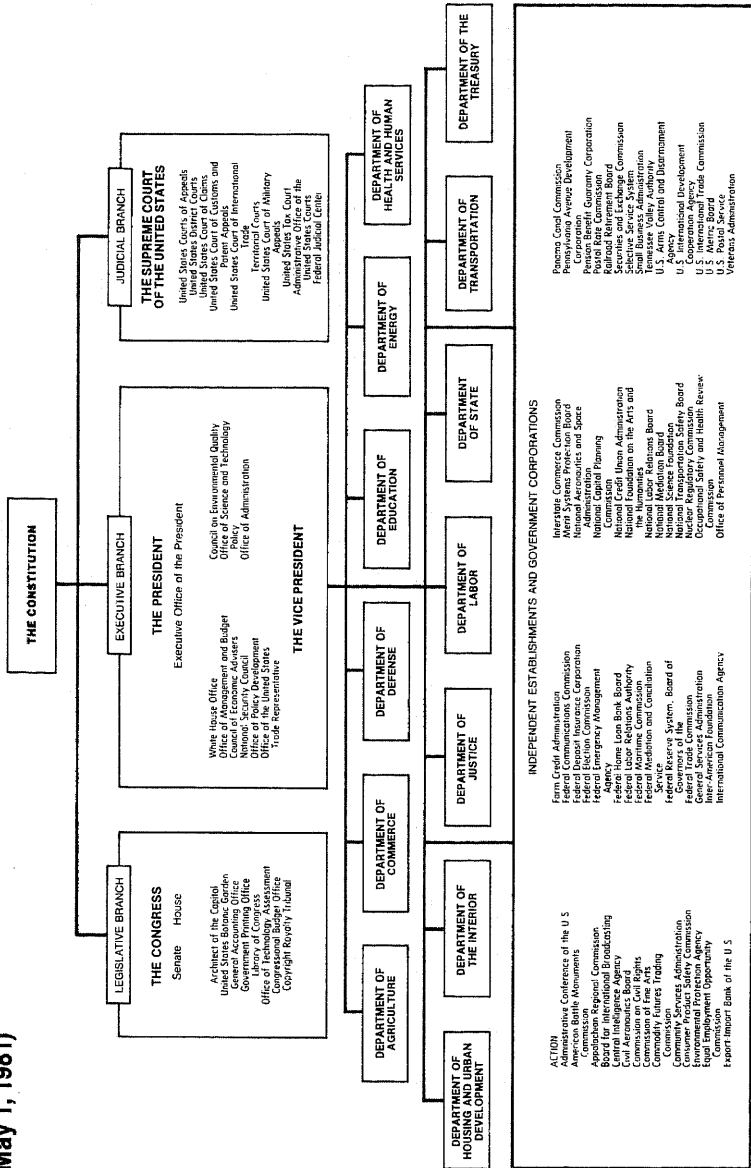
Employment and payrolls.—The Office of Personnel Management collects employment and payroll data from all departments and agencies of the Federal Government, except the Central Intelligence Agency and the National Security Agency. Employment figures represent the number of persons who occupied civilian positions on the last day of the calendar month shown and who are paid for personal services rendered for the Federal Government, regardless of the nature of appointment or method of payment. Through January 1979, intermittent workers are counted if they performed any service during the reporting month.

Federal payrolls include all payments for personal services rendered during the calendar month and payments for accumulated annual leave of employees who separate from the service. Since most Federal employees are paid on a biweekly basis, the calendar month earnings are partially estimated on the basis of the number of work days in each month where payroll periods overlap consecutive months.

Federal employment and payroll figures are published by the Office of Personnel Management in its *Annual Report* and its *Monthly Release of Federal Civilian Work Force Statistics*. It also publishes semiannual employment data for minority groups; annual reports on salary and wages; geographic distribution; and data on occupations of white- and blue-collar workers as well as data on women Federal employees. General schedule is primarily white collar; wage system primarily blue collar. Data on Federal employment are also issued by the Bureau of Labor Statistics in its *Monthly Labor Review* and in *Employment and Earnings* and by the Bureau of the Census in its annual *Public Employment*.

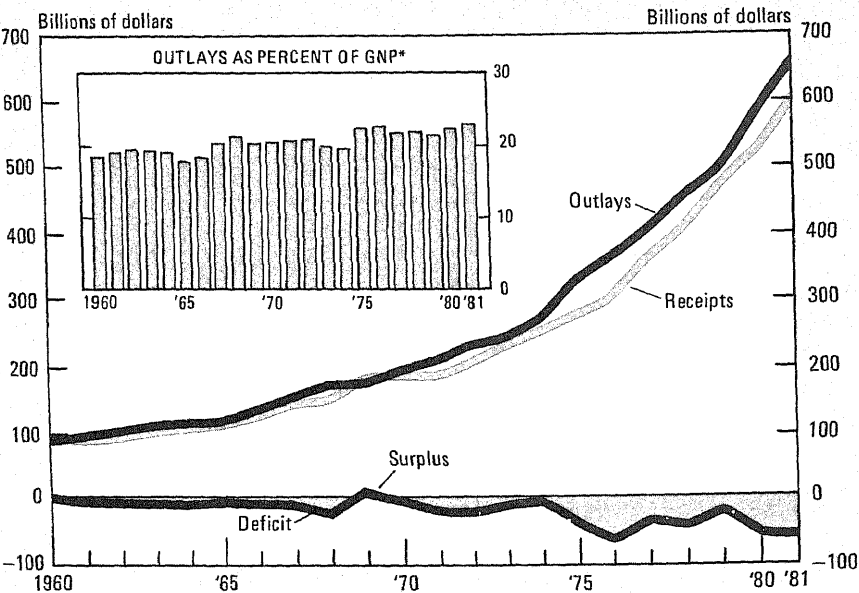
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

Figure 9.1



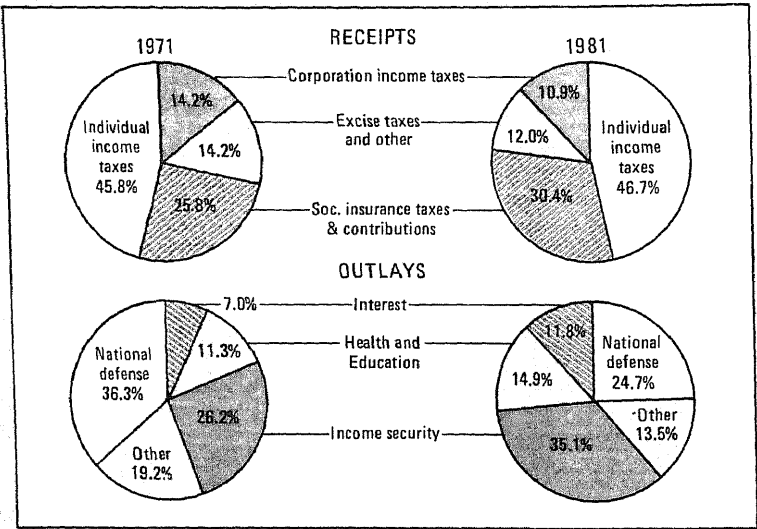
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 459.

Figure 9.2
Federal Budget Receipts and Outlays: 1960 to 1981



* Gross National Product.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 416.

Figure 9.3
Federal Budget Receipts by Source
and Outlays by Function: 1971 and 1981



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 420 and 422.

NO. 416. FEDERAL BUDGET RECEIPTS, OUTLAYS, AND DEBT: 1940 TO 1981

[In billions of dollars, except percent. Through 1976, for years ending June 30, except as noted; beginning 1977, ending Sept. 30. Minus sign (—) denotes deficit. See also *Historical Statistics, Colonial Times to 1970*, series Y 339–342]

YEAR	Receipts	Outlays	Surplus or deficit (—)	Out-standing gross debt ¹	ANNUAL PERCENT CHANGE ²			PERCENT OF GNP ³		Outlays, off-budget Federal entities ⁴
					Receipts	Outlays	Out-standing gross debt	Outlays	Out-standing gross debt	
1940.....	6.4	9.5	—3.1	50.7	⁵ 27.8	⁵ 7.0	⁵ 5.1	10.0	53.4	(x)
1945.....	45.2	92.7	—47.5	260.1	48.0	60.0	39.0	42.7	119.9	(x)
1950.....	39.5	42.6	—3.1	256.9	—2.7	—14.4	—3	16.1	96.9	(x)
1955.....	65.5	68.5	—3.0	274.4	10.6	10.0	1.3	17.9	71.9	(x)
1960.....	92.5	92.2	.3	290.9	7.2	6.1	1.2	18.5	58.3	(x)
1961.....	94.4	97.8	—3.4	292.9	2.1	6.0	.7	18.2	57.4	(x)
1962.....	99.7	106.8	—7.1	303.3	5.6	9.2	3.6	19.5	55.7	(x)
1963.....	106.6	111.3	—4.8	310.8	6.9	4.2	2.5	19.2	53.7	(x)
1964.....	112.7	118.6	—5.9	316.8	5.7	6.5	1.9	19.2	51.2	(x)
1965.....	116.8	118.4	—1.6	323.2	3.7	—1	2.0	17.9	48.9	(x)
1966.....	130.9	134.7	—3.8	329.5	12.0	13.7	1.9	18.6	45.4	(x)
1967.....	149.6	158.3	—8.7	341.3	14.3	17.5	3.6	20.4	44.0	(x)
1968.....	153.7	178.8	—25.2	369.8	2.8	13.0	8.4	21.4	44.3	(x)
1969.....	187.8	184.5	3.2	367.1	22.0	3.2	—7	20.3	40.3	(x)
1970.....	193.7	196.6	—2.8	382.6	3.2	6.5	4.2	20.3	39.5	(x)
1971.....	188.4	211.4	—23.0	409.5	—2.8	7.5	7.0	20.5	39.7	(x)
1972.....	208.6	232.0	—23.4	437.3	10.8	9.7	6.8	20.6	38.8	(x)
1973.....	232.2	247.1	—14.8	468.4	11.3	6.5	7.1	19.7	37.3	.1
1974.....	264.9	269.6	—4.7	486.2	14.1	9.1	3.8	19.5	35.2	1.4
1975.....	281.0	326.2	—45.2	544.1	6.1	21.0	11.9	22.0	36.8	8.1
1976.....	300.0	366.4	—66.4	631.9	6.8	12.4	16.1	22.3	38.5	7.3
1976, TO ⁶	81.7	94.7	—13.0	646.4	(x)	(x)	(x)	(x)	(x)	1.8
1977.....	357.8	402.7	—44.9	709.1	19.3	9.9	12.2	21.6	38.0	8.7
1978.....	402.0	450.8	—48.8	780.4	12.4	11.9	10.1	21.6	37.4	10.4
1979.....	465.9	493.6	—27.7	833.8	15.9	9.5	6.8	20.9	35.4	12.5
1980.....	520.1	579.6	—59.6	914.3	11.6	17.4	9.7	22.6	35.6	14.2
1981 ⁷	600.3	655.2	—54.9	992.6	15.4	13.0	8.6	23.0	34.9	23.6

X Not applicable. ¹ End of fiscal year; see text. ² For explanation of average annual percent change, see Guide to Tabular Presentation. ³ Gross national product as of fiscal year; for calendar year GNP, see table 699. ⁴ Federal Government allocations other than those reflected in budget outlays; see text for explanation. ⁵ Change from 1939; from previous year shown for all other years. ⁶ Transition quarter, July–Sept. ⁷ In March 1981 the 1982 budget request (submitted January 1981) was revised for most budget items. Where possible, information for 1981 is based on March revisions; otherwise January estimates are shown.

NO. 417. FEDERAL BUDGET RECEIPTS, OUTLAYS, AND DEBT: 1960 TO 1981

[In billions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30; transition quarter, July–Sept. 1976, omitted. Beginning 1974, budget totals include transactions of the Export-Import Bank. See also *Historical Statistics, Colonial Times to 1970*, series Y 339–342]

DESCRIPTION	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981 ¹
Receipts.....	92.5	116.8	193.7	264.9	281.0	300.0	357.8	402.0	465.9	520.1	600.3
Federal funds.....	75.6	90.9	143.2	181.2	187.5	201.1	241.3	270.5	316.4	350.8	406.5
Trust funds.....	19.2	29.2	59.4	104.8	118.6	133.7	152.8	168.0	189.5	213.9	242.9
Interfund transactions.....	—2.4	—3.3	—8.8	—21.1	—25.1	—34.8	—36.3	—36.5	—40.1	—44.7	—49.1
Outlays.....	92.2	118.4	196.6	269.6	326.2	366.4	402.7	450.8	493.6	579.6	655.2
Federal funds.....	74.9	94.8	156.3	199.9	240.1	269.9	295.8	332.0	362.4	419.2	467.0
Trust funds.....	19.7	26.9	49.1	90.8	111.2	131.3	143.3	155.3	171.3	205.1	237.3
Interfund transactions.....	—2.4	—3.3	—8.8	—21.1	—25.1	—34.8	—36.3	—36.5	—40.1	—44.7	—49.1
Surplus or deficit (—).....	.3	—1.6	—2.8	—4.7	—45.1	—66.4	—45.0	—48.8	—27.7	—59.6	—54.9
Federal funds.....	.8	—3.9	—13.1	—18.7	—52.6	—68.8	—54.4	—61.5	—46.0	—68.4	—60.6
Trust funds.....	—5	2.3	10.3	14.0	7.4	2.4	9.5	12.7	18.3	8.8	5.7
Outstanding debt ².....	290.9	323.2	382.6	486.2	544.1	631.9	709.1	780.4	833.8	914.3	992.6
Gross Federal debt held by:											
Government agencies.....	53.7	61.5	97.7	140.2	147.2	151.6	157.3	169.5	189.2	199.2	206.5
The public.....	237.2	261.6	284.9	346.1	396.9	480.3	551.8	610.9	644.6	715.1	786.1
Federal Reserve System.....	26.5	39.1	57.7	80.6	85.0	94.7	105.0	115.5	115.6	120.8	(NA)
Others.....	210.7	222.5	227.2	265.4	311.9	385.6	446.8	495.5	529.0	594.3	(NA)
Outlays as percent of GNP ³.....	18.5	17.9	20.3	19.5	22.0	22.3	21.6	21.6	20.9	22.6	23.0
National defense.....	9.0	7.2	6.1	5.6	5.8	5.4	5.2	5.0	5.0	5.3	5.7
Human resources ⁴	5.1	5.4	7.6	9.6	11.4	12.1	11.6	11.3	11.0	11.8	12.3
All other.....	4.3	5.4	4.6	4.3	4.9	4.8	4.8	5.3	5.0	5.5	5.1

NA Not available. ¹ March estimates. See footnote 7, table 416. ² End of fiscal year. ³ See footnote 3, table 416.

⁴ Education, training, employment, social services, health, income security, and veterans benefits and services.

Source of tables 416 and 417: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual; and unpublished data.

NO. 418. FEDERAL BUDGET OUTLAYS IN CURRENT AND CONSTANT (1972) DOLLARS: 1960 TO 1981

[For years ending June 30 except, beginning 1977, ending Sept. 30. Given the inherent imprecision in deflating outlays, the data shown in constant dollars present a reasonable perspective—not precision. The deflators and the categories that are deflated are as comparable over time as is feasible]

YEAR	OUTLAYS (bil. dol.)						PERCENT OF TOTAL OUTLAYS					Avg. annual percent change, total outlays
	Total	National defense	Total non-defense ¹	Payments for individuals ²	Net interest ³	Aid to State and local govt.	National defense	Total non-defense ¹	Payments for individuals ²	Net interest ³	Aid to State and local govt.	
	CURRENT DOLLARS											
1960	92.2	45.2	47.1	23.6	6.9	7.0	49.0	51.1	25.6	7.5	7.6	5.1
1965	118.4	47.5	71.0	32.3	8.6	10.9	40.1	60.0	27.3	7.3	9.2	5.1
1970	196.6	78.6	118.0	63.2	14.4	24.0	40.0	60.0	32.1	7.3	12.2	10.7
1972	232.0	76.6	155.5	90.8	15.5	34.4	33.0	67.0	39.1	6.7	14.8	9.7
1973	247.1	74.5	172.5	102.1	17.3	41.8	30.2	69.8	41.3	7.0	16.9	6.5
1974	269.6	77.8	191.8	117.5	21.4	43.4	28.9	71.1	43.6	7.9	16.1	9.1
1975	326.2	85.6	240.6	150.4	23.2	49.8	26.2	73.8	46.1	7.1	15.3	21.0
1976	366.4	89.4	277.0	176.6	26.7	59.1	24.4	75.6	48.2	7.3	16.1	12.3
1976, TQ ⁶	94.7	22.3	72.4	44.9	6.9	15.9	23.5	76.5	47.4	7.3	16.8	(X)
1977	402.7	97.5	305.2	192.4	29.9	68.4	24.2	75.8	47.8	7.4	17.0	9.9
1978	450.8	105.2	345.6	206.5	35.4	77.9	23.3	76.7	45.8	7.9	17.3	11.9
1979	493.6	117.7	376.0	227.5	42.6	82.8	23.8	76.2	46.1	8.6	16.8	9.5
1980	579.6	135.9	443.8	271.2	52.5	91.4	23.4	76.6	48.1	9.3	16.2	17.4
1981 ⁷	655.2	162.1	493.1	317.5	64.1	94.3	24.7	75.3	48.5	9.8	14.4	13.0
	CONSTANT (1972) DOLLARS											
1960	150.8	73.7	77.1	33.1	16.3	11.6	48.9	51.1	22.0	10.8	7.7	5-2.1
1965	173.0	69.3	103.7	42.5	16.7	15.7	40.1	59.9	24.6	9.7	9.1	2.8
1970	220.6	90.3	130.3	68.8	15.0	26.9	40.9	59.1	31.2	6.8	12.2	5.0
1972	232.0	76.6	155.5	90.8	15.5	34.3	33.0	67.0	39.1	6.7	14.8	3.9
1973	233.3	69.9	163.4	98.1	15.4	39.6	30.0	70.0	42.1	6.6	17.0	.6
1974	232.8	68.1	164.7	103.7	14.4	37.9	29.3	70.8	44.5	6.2	16.3	-2
1975	255.4	68.4	187.0	119.5	14.8	39.4	26.8	73.2	46.8	5.8	15.4	9.7
1976	268.4	66.9	201.6	131.0	16.6	43.4	24.9	75.1	48.8	6.2	16.2	5.1
1976, TQ ⁶	67.2	16.3	50.9	32.3	4.2	11.3	24.3	75.7	48.1	6.3	16.8	(X)
1977	273.8	67.2	206.6	132.7	17.6	46.6	24.5	75.5	48.5	6.4	17.0	2.0
1978	284.4	67.5	216.9	135.1	18.1	49.5	23.7	76.3	46.8	6.4	17.4	3.9
1979	282.5	70.0	212.5	132.8	17.2	48.3	24.8	75.2	47.0	6.1	17.1	-7
1980	294.9	72.5	222.4	139.4	17.4	48.3	24.6	75.4	47.3	5.9	16.4	4.4
1981 ⁷	296.7	77.8	219.0	146.3	17.0	45.3	26.2	73.8	49.3	5.7	15.3	.6

X Not applicable. ¹ Includes other items, not shown separately. ² Includes small grants-in-aid to State and local governments. ³ Total interest less interest received by trust funds. ⁴ See footnote 2, table 416. ⁵ Percent change from 1959, from previous year shown for all other years. ⁶ Transition quarter, July-Sept. ⁷ March estimates. See footnote 7, table 416.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual; and in unpublished document, "Federal Government Finances," March 1981 edition.

NO. 419. FEDERAL RECEIPTS AND EXPENDITURES IN THE NATIONAL INCOME ACCOUNTS: 1960 TO 1981

[In billions of dollars. For years ending June 30 except, beginning 1977, ending Sept. 30; transition quarter, July-Sept. 1976, omitted. Includes transactions of trust accounts]

RECEIPTS AND EXPENDITURES	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981 ¹
Receipts, total	94.8	120.0	194.9	283.4	314.9	365.9	414.2	480.7	527.3	614.4
Personal tax and nontax receipts	42.5	51.4	93.6	127.5	137.2	166.4	186.4	223.1	249.7	290.5
Corporate profits tax accruals	22.3	27.1	33.0	41.8	52.5	58.8	67.2	75.8	70.6	67.9
Indirect business tax and nontax accruals	13.2	16.9	19.2	22.2	24.3	24.5	27.2	29.1	35.7	61.2
Contributions for social insurance	16.7	24.5	49.2	91.9	101.0	116.2	133.4	152.7	171.3	194.8
Expenditures, total	91.3	118.5	195.6	328.8	370.7	411.7	450.5	494.7	578.2	671.0
Purchases of goods and services	52.9	64.6	97.0	117.9	125.1	140.3	150.7	163.4	190.2	218.5
National defense	44.5	47.9	75.3	80.2	84.4	91.9	98.0	107.4	126.1	148.0
Nondefense	8.4	16.6	21.7	37.7	40.7	48.4	52.7	56.0	64.1	70.5
Transfer payments	22.5	30.6	57.0	134.5	156.8	169.8	182.2	201.8	239.3	281.5
Domestic (to persons)	20.6	28.4	55.0	131.4	153.8	166.6	178.7	197.8	234.7	276.8
Foreign	1.8	2.2	2.0	3.1	3.0	3.2	3.5	4.0	4.6	4.7
Grants-in-aid: State and local govt.	6.9	10.9	22.6	48.4	57.5	66.3	74.7	79.1	86.7	90.3
Net interest paid	6.8	8.2	13.6	21.7	25.2	28.4	33.5	40.6	51.2	67.3
Subsidies less current surplus of government enterprises	2.4	4.3	5.4	6.0	6.2	7.0	9.6	9.8	10.8	13.4
Surplus (+) or deficit (-)	+ 3.5	+ 1.5	- 6	- 45.4	- 55.8	- 45.8	- 36.3	- 14.0	- 50.9	- 56.6

¹ January estimates. See footnote 7, table 416. ² For some years, includes wage disbursements less accruals, not shown separately.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

NO. 420. FEDERAL BUDGET RECEIPTS, BY MAJOR SOURCE: 1960 TO 1981

[In billions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30; transition quarter, July-Sept. 1976, omitted. See also *Historical Statistics, Colonial Times to 1970*, series Y 343-351]

MAJOR SOURCE	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981 ¹
Total receipts, by source	92.5	116.8	193.7	264.9	281.0	300.0	357.8	402.0	465.9	520.1	607.5
Individual income taxes.....	40.7	48.8	90.4	119.0	122.4	131.6	157.6	181.0	217.8	244.1	284.0
Social insurance taxes and contributions.....	14.7	22.3	45.3	76.8	86.4	92.7	108.7	123.4	141.6	160.7	184.8
Employment taxes and contributions.....	11.2	17.4	39.1	65.9	75.2	79.9	92.2	103.9	120.1	138.8	161.1
Unemployment insurance.....	2.7	3.8	3.5	6.8	6.8	8.1	11.3	13.8	15.4	15.3	16.3
Other contributions.....	.8	1.1	2.7	4.1	4.5	4.8	5.2	5.7	6.1	6.6	7.4
Corporation income taxes.....	21.5	25.5	32.8	38.6	40.6	41.4	54.9	60.0	65.7	64.6	66.0
Excise taxes.....	11.6	14.6	15.8	16.8	16.6	17.0	17.5	18.4	18.7	24.3	44.4
Estate and gift taxes.....	1.6	2.7	3.6	5.0	4.6	5.2	7.3	5.3	5.4	6.4	6.9
Customs duties.....	1.1	1.4	2.4	3.3	3.7	4.1	5.2	6.6	7.4	7.2	7.4
Miscellaneous receipts.....	1.2	1.6	3.4	5.4	6.7	8.0	6.5	7.4	9.2	12.7	13.9
PERCENT DISTRIBUTION											
Individual income taxes.....	44.0	41.8	46.7	44.9	43.6	43.9	44.0	45.0	46.7	46.9	46.7
Social insurance taxes and contributions.....	15.9	19.1	23.4	28.9	30.7	31.0	30.4	30.7	30.4	30.9	30.4
Employment taxes and contributions.....	12.1	14.9	20.1	24.9	26.8	26.6	25.8	25.8	25.6	26.7	26.5
Corporation income taxes.....	20.2	21.8	16.9	14.6	14.5	13.8	15.5	14.9	14.1	12.4	10.9
Excise taxes.....	12.6	12.5	8.1	6.4	5.9	5.7	4.9	4.6	4.0	4.7	7.3
Customs, estate, gift taxes.....	2.9	3.6	3.1	3.2	2.9	3.1	3.5	3.0	2.7	2.6	2.4
Miscellaneous receipts.....	1.3	1.4	1.8	2.0	2.4	2.7	1.8	1.8	2.0	2.4	2.3

¹ January estimates. See footnote 7, table 416.

NO. 421. EXECUTIVE/LEGISLATIVE CONTROLLABILITY OF FEDERAL BUDGET OUTLAYS: 1970 TO 1981

[In billions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30; transition quarter, July-Sept. 1976, omitted. Outlays considered relatively uncontrollable are those which can neither be increased nor decreased by Presidential decisions without a change in existing Federal laws or are beyond administrative control, such as benefit payments that beneficiaries are entitled to by law or contractual agreement or other existing legally binding commitments]

OUTLAYS	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981 ¹
Total outlays	196.6	247.1	269.6	326.1	366.4	402.7	450.8	493.6	579.6	655.2
Relatively uncontrollable outlays	125.8	173.1	192.9	236.1	266.2	292.1	332.6	364.8	438.4	500.5
Percent of total outlays.....	64.0	70.1	71.6	72.4	72.7	72.5	73.8	73.9	75.6	76.4
Open-ended programs and fixed costs.....	84.3	133.5	149.2	185.6	215.4	236.6	260.0	284.8	340.4	395.5
Payments for individuals.....	62.5	99.9	115.7	149.8	175.2	190.4	204.4	225.5	266.8	314.1
Social security and railroad retirement.....	31.2	50.6	57.5	68.3	76.0	87.5	96.1	106.7	121.8	143.1
Federal employees' retirement and insurance ¹	8.8	13.0	15.0	18.4	21.2	24.0	26.7	30.0	34.7	40.7
Military retired pay.....	2.8	4.4	5.1	6.2	7.3	8.2	9.2	10.3	11.9	13.9
Other ²	5.9	8.6	9.9	12.1	13.9	15.8	17.5	19.7	22.8	26.8
Unemployment assistance.....	3.4	5.4	6.1	13.5	19.5	15.3	11.8	10.7	18.0	25.4
Medical care.....	9.9	14.1	17.2	21.6	26.3	31.4	35.9	41.6	49.0	57.2
Assistance to students ²	1.0	2.8	3.3	4.7	5.7	3.8	3.9	3.7	3.9	4.0
Housing assistance.....	.5	1.6	1.8	2.1	2.3	2.4	2.9	3.6	4.5	5.6
Food and nutrition assistance.....	.6	2.2	2.8	6.6	7.8	8.3	8.5	10.2	13.2	14.8
Public assistance and related programs ¹	6.4	8.5	10.2	12.6	14.6	15.7	16.6	16.4	18.6	20.1
All other relatively uncontrollable payments for individuals ²	.9	1.6	1.8	2.0	1.9	2.0	2.0	2.7	3.1	3.1
Net interest.....	14.4	17.3	21.4	23.2	26.7	29.9	35.4	42.6	52.5	64.1
General revenue sharing.....	(x)	6.6	6.1	6.1	6.2	6.8	6.8	6.8	6.8	5.2
Farm price supports ³	3.8	3.6	1.0	.6	.6	3.5	5.5	3.7	2.9	.2
Other.....	3.6	6.1	4.9	5.8	6.7	6.0	7.8	6.1	11.4	12.0
Prior-year contracts and obligations ⁴	41.5	39.6	43.8	50.5	50.8	55.5	72.6	80.0	98.0	105.1
National defense.....	24.1	17.7	20.4	22.3	17.9	18.5	28.2	30.9	36.5	46.2
Civilian programs.....	17.4	21.9	23.3	28.2	32.9	37.0	44.4	49.0	61.5	58.9
Relatively controllable outlays	73.3	76.9	80.0	94.1	104.4	115.2	123.2	133.6	147.0	161.2
National defense.....	51.6	52.5	52.2	57.0	64.2	70.8	67.8	76.4	87.3	101.9
Civilian programs.....	21.7	24.5	27.8	37.1	40.3	44.4	55.4	57.2	59.7	59.3
Undistributed employer share, employee retirement.....	-2.4	-2.9	-3.3	-4.0	-4.2	-4.5	-5.0	-5.3	-5.8	-6.6

X Not applicable. ¹ March estimates. See footnote 7, table 416. ² Includes items previously classified in the veterans' benefits grouping. ³ Prices from Commodity Credit Corp. ⁴ Excludes prior year contracts and obligations for items under open-ended programs and fixed costs.

Source of tables 420 and 421: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual; and unpublished document, "Federal Government Finances," March 1981 edition.

NO. 422. FEDERAL BUDGET OUTLAYS, BY FUNCTION: 1960 TO 1981

[In billions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30; transition quarter, July-Sept. 1976, omitted. See table 424 for detailed functions. See also *Historical Statistics, Colonial Times to 1970*, series Y 466-487]

FUNCTION	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981 ¹
Total budget outlays	92.2	118.4	196.6	269.6	326.2	366.4	402.7	450.8	493.6	579.6	655.2
National defense	45.2	47.5	78.6	77.8	85.4	89.4	97.5	105.2	117.7	135.9	162.1
Human resources	25.6	35.4	73.4	132.2	168.7	198.0	215.7	235.4	259.4	303.3	349.4
Income security.....	18.8	25.7	43.1	84.4	108.6	127.4	137.9	146.2	160.2	193.1	229.7
Health.....	.8	1.8	13.1	22.1	27.6	33.4	38.8	43.7	49.6	58.2	66.7
Veterans benefits and services.....	5.4	5.7	8.7	13.4	16.6	18.4	18.0	19.0	19.9	21.2	22.4
Education, training, employment ²	1.0	2.1	8.6	12.3	15.9	18.7	21.0	26.5	29.7	30.8	30.6
Other nondefense	21.4	35.5	44.7	59.5	71.9	79.0	89.5	110.2	116.8	140.6	143.8
Commerce and housing credit.....	1.6	1.2	2.1	3.9	5.6	3.8	(2)	3.3	2.6	7.8	3.2
Transportation.....	4.1	5.8	7.0	9.2	10.4	13.4	14.6	15.4	17.5	21.1	24.0
Natural resources and environment.....	1.6	2.5	3.1	5.7	7.3	8.1	10.0	10.9	12.1	13.8	13.7
Energy.....	.5	.7	1.0	.8	2.2	3.1	4.2	5.9	6.9	6.3	9.3
Community, regional development.....	.2	1.1	2.4	4.1	3.7	4.8	6.3	11.0	9.5	10.1	10.3
Agriculture.....	2.6	3.9	5.2	2.2	1.7	2.5	5.5	7.7	6.2	4.8	1.2
Interest.....	8.3	10.4	18.3	28.0	30.9	34.5	38.0	44.0	52.6	64.5	77.3
Revenue sharing ³	.2	.2	.5	6.9	7.2	7.2	9.5	9.6	8.4	8.6	6.8
International affairs.....	3.0	5.2	4.3	5.7	6.9	5.6	4.8	5.9	6.1	10.7	11.3
General science, space, technology.....	.6	5.8	4.5	4.0	4.0	4.4	4.7	4.7	5.0	5.7	6.2
General government.....	1.0	1.4	1.9	3.2	3.1	2.9	3.4	3.7	4.2	4.5	5.1
Administration of justice.....	.4	.5	1.0	2.5	2.9	3.3	3.6	3.8	4.2	4.6	4.7
Undistributed offsetting receipts.....	-2.5	-3.2	-6.6	-16.7	-14.1	-14.7	-15.1	-15.8	-18.5	-21.9	-29.3
PERCENT DISTRIBUTION											
Total outlays	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
National defense.....	49.0	40.1	40.0	28.9	26.2	24.4	24.2	23.3	23.8	23.4	24.7
Income security.....	19.8	21.7	21.9	31.3	33.3	34.8	34.2	32.4	32.4	33.3	35.1
Health.....	.9	1.5	6.7	8.2	8.5	9.1	9.6	9.7	10.0	10.0	10.2
Veterans benefits and services.....	5.9	4.8	4.4	5.0	5.1	5.0	4.5	4.2	4.0	3.7	3.4
Education, training, employment ²	1.1	1.8	4.4	4.6	4.9	5.1	5.2	5.9	6.0	5.3	4.7
Commerce and housing credit.....	1.7	1.0	1.1	1.4	1.7	1.0	(2)	.7	.5	1.3	.5
Transportation.....	4.4	4.9	3.6	3.4	3.2	3.7	3.6	3.4	3.5	3.6	3.7
Natural resources and environment.....	1.7	2.1	1.6	2.1	2.2	2.2	2.5	2.4	2.4	2.4	2.1
Energy.....	.5	.6	.5	.3	.7	.8	1.0	1.3	1.4	1.1	1.4
Community and regional development.....	.2	.9	1.2	1.5	1.1	1.3	1.6	2.4	1.9	1.7	1.6
Agriculture.....	2.8	3.3	2.6	.8	.5	.7	1.4	1.7	1.3	.8	.2
Interest.....	9.0	8.8	9.3	10.4	9.5	9.4	9.4	9.8	10.7	11.1	11.8
Revenue sharing ³	.2	.2	.3	2.6	2.2	2.0	2.4	2.1	1.7	1.5	1.0
International affairs.....	3.3	4.4	2.2	2.1	2.1	1.5	1.2	1.3	1.2	1.8	1.7
General science, space, technology.....	.7	4.9	2.3	1.5	1.2	1.2	1.2	1.0	1.0	1.0	.9
General government.....	1.1	1.3	1.0	1.2	1.0	.8	.8	.8	.9	.8	.8
Administration of justice.....	.4	.4	.5	.9	.9	.9	.9	.8	.9	.8	.7
Undistributed offsetting receipts.....	-2.7	-2.7	-3.4	-6.2	-4.3	-4.0	-3.7	-3.5	-3.7	-3.8	-4.5

Z Less than \$50 million or .05 percent.

¹ March estimates. See footnote 7, table 416.

² Includes social services.

³ Includes general purpose fiscal assistance.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual; and unpublished document, "Federal Government Finances," March 1981 edition.

NO. 423. GOVERNMENT SECTOR RECEIPTS AND EXPENDITURES IN THE NATIONAL INCOME ACCOUNTS: 1960 TO 1981

[In billions of dollars. Minus sign (-) denotes deficit]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981, est.
Total government: ¹											
Receipts.....	139.5	188.3	302.8	455.2	470.5	538.4	605.7	681.6	765.2	836.8	(NA)
Expenditures.....	136.4	187.8	313.4	460.0	534.3	574.9	624.0	681.9	753.2	869.0	(NA)
Surplus or deficit.....	3.1	.5	-10.6	-4.7	-63.8	-36.5	-18.3	-2	11.9	-32.2	(NA)
Federal Government: ¹											
Receipts.....	96.1	124.3	191.9	287.8	287.3	331.8	375.1	431.5	494.4	540.8	628.2
Expenditures.....	93.1	123.8	204.3	299.3	356.6	384.8	421.5	460.7	509.2	602.0	675.7
Surplus or deficit.....	3.0	.5	-12.4	-11.5	-69.3	-53.1	-46.4	-29.2	-14.8	-61.2	-47.5
State and local govt.: ^{1,2}											
Receipts.....	49.9	75.1	135.4	211.4	237.7	267.8	298.0	327.4	351.2	384.0	(NA)
Expenditures.....	49.8	75.1	133.5	204.6	232.2	251.2	270.0	298.4	324.4	355.0	(NA)
Surplus or deficit.....	.1	(-2)	1.9	6.8	5.5	16.6	28.1	29.0	26.7	29.1	(NA)

NA Not available. Z Less than \$50 million.

¹ Federal grants-in-aid to State and local government are included in Federal expenditures and State and local receipts. Total government data have been adjusted to eliminate this duplication.

² See table 480 for more detail.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76, 1976-1979*, and *Survey of Current Business*, April 1981.

NO. 424. FEDERAL BUDGET—RECEIPTS BY SOURCE, AND OUTLAYS BY DETAILED FUNCTION: 1978 TO 1981

[In billions of dollars. For years ending Sept. 30. Receipts reflect collections; outlays stated in terms of checks issued or cash payments. Covers both Federal funds and trust funds (see p. 241). Excludes government-sponsored but privately-owned corporations, Federal Reserve System, District of Columbia government, and money held in suspense as deposit funds. See *Historical Statistics, Colonial Times to 1970*, series Y 335-338, Y 343-351, and Y 472-487 for related data]

SOURCE OR FUNCTION	1978	1979	1980	1981 ¹	FUNCTION	1978	1979	1980	1981 ¹
Surplus or deficit (-)	-48.8	-27.7	-59.6	-54.9	Total outlays²—Con.				
BY SOURCE					Transportation²	15.4	17.5	21.1	24.0
Total receipts²	402.0	465.9	520.1	600.3	Ground transportation.....	10.4	12.1	15.1	17.2
Individual income taxes.....	181.0	217.8	244.1	277.4	Air transportation.....	3.3	3.4	3.8	3.9
Corporation income taxes.....	60.0	65.7	64.6	64.7	Water transportation.....	1.9	2.0	2.2	2.9
Social insurance taxes and contributions.....	123.4	141.6	160.7	184.8	Natural resources and environment²	10.9	12.1	13.8	13.7
Employment taxes and contributions.....	103.9	120.1	138.8	161.1	Water resources.....	3.5	3.9	4.3	4.5
Unemployment insurance.....	13.8	15.4	15.3	16.3	Conservation and land management.....	2.0	1.9	2.3	2.5
Contributions for other insurance and retirement.....	5.7	6.1	6.6	7.4	Recreational resources.....	1.4	1.5	1.7	1.6
Excise taxes.....	18.4	18.7	24.3	44.4	Pollution control and abatement.....	4.0	4.7	5.5	5.5
Estate and gift taxes.....	5.3	5.4	6.4	6.9	Energy²	5.9	6.9	6.3	9.3
Customs duties.....	6.6	7.4	7.2	7.4	Supply.....	4.0	4.9	4.6	5.1
Miscellaneous receipts.....	7.4	9.2	12.7	13.9	Conservation.....	2	3	6	7
BY FUNCTION					Emergency preparedness.....	.9	1.0	.3	2.5
Total outlays²	450.8	493.6	579.6	655.2	Community and regional development²	11.0	9.5	10.1	10.3
National defense²	105.2	117.7	135.9	162.1	Community development.....	3.3	4.0	4.9	5.0
Dept. of Defense, military.....	103.0	115.0	132.8	158.6	Area and regional development.....	4.9	4.0	3.2	2.8
Atomic energy defense activities.....	2.1	2.5	2.9	3.6	Disaster relief and insurance.....	2.9	1.6	2.0	2.5
Defense related activities.....	.1	.1	.1	-.1	Agriculture²	7.7	6.2	4.8	1.2
Income security	146.2	160.2	193.1	229.7	Farm income stabilization.....	6.6	4.9	3.5	-.4
General retirement and disability insurance.....	97.2	108.5	123.7	145.0	Research and services.....	1.1	1.3	1.4	1.6
Federal employee retirement and disability.....	10.7	12.4	14.7	17.5	Interest	44.0	52.6	64.5	77.3
Unemployment insurance.....	11.8	10.7	18.0	24.9	General revenue sharing.....	6.8	6.9	6.8	5.2
Public assist. and other income supplements.....	26.5	28.6	36.7	42.2	Other general purpose fiscal assistance	2.8	1.5	1.7	1.7
Health	43.7	49.6	58.2	66.7	International affairs²	5.9	6.1	10.7	11.3
Health care services.....	39.1	45.1	53.0	61.4	Foreign economic and financial assistance.....	4.6	4.7	5.6	6.4
Health research.....	2.8	3.0	3.4	3.5	Military assistance.....	.5	.6	.9	.9
Education and training of health care workforce.....	.9	.6	.7	.7	Conduct of foreign affairs.....	1.1	1.3	1.4	1.5
Consumer and occupational health and safety.....	.8	.9	1.0	1.0	Foreign information and exchange.....	.4	.5	.5	.6
Veterans benefits and services²	19.0	19.9	21.2	22.4	International financial programs.....	-.6	-.9	2.4	2.0
Income security.....	9.7	10.8	11.7	13.0	General science, space, and technology²	4.7	5.0	5.7	6.2
Education, training, and rehabilitation.....	3.4	2.8	2.3	1.9	General science and basic research ³	1.2	1.3	1.4	1.5
Hospital and medical care.....	5.3	5.6	6.5	6.8	Space flight.....	2.3	2.2	2.6	3.0
Housing.....	(2)	.2	(2)	-.1	Space science, applications and technology.....	1.0	1.2	1.3	1.3
Educ., training, employment, and social services²	26.5	29.7	30.8	30.6	General government²	3.7	4.1	4.5	5.1
Elementary, secondary, and vocational education.....	5.1	6.0	6.7	6.9	Legislative functions.....	.9	.9	1.0	1.2
Higher education.....	3.5	4.5	5.7	6.1	Management, direction.....	.1	.1	.1	.1
Research and general education aids.....	1.1	1.2	1.4	1.5	Central fiscal operations.....	2.1	2.3	2.5	2.8
Training, employment.....	10.8	10.8	10.3	9.3	General property and records management.....	.2	.2	.4	.5
Social services.....	5.6	6.6	6.1	6.3	Administration of justice	3.8	4.2	4.6	4.7
Commerce and housing credit	3.3	2.6	7.8	3.2	Federal law enforcement.....	1.8	2.0	2.2	2.4
Mortgage credit and thrift insurance.....	.2	-.7	3.7	(2)	Federal judicial activities.....	.9	1.1	1.3	1.5
Payment to Postal Service.....	1.8	1.8	1.7	1.3	Federal correctional activities.....	.3	.3	.3	.4
Other commerce.....	1.3	1.5	2.4	1.9	Criminal justice assistance.....	.7	.7	.7	.5
					Undistributed offsetting receipts	-15.8	-18.5	-21.9	-29.3
					Employer share, employee retirement.....	-5.0	-5.3	-5.8	-6.6
					Interest received by trust funds.....	-8.5	-10.0	-12.0	-13.2
					Rents and royalties ³	-2.3	-3.3	-4.1	-9.6

² Less than \$50 million. ¹ March estimates, except for receipts from: (a) employment taxes and contributions, (b) unemployment insurance, and (c) contributions for other insurance and retirement which are based on January budget estimates. See footnote 7, table 416. ² Totals reflect interfund and intragovernmental transactions and other functions, not shown separately.

³ On Outer Continental Shelf.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

NO. 425. BUDGET OUTLAYS, BY AGENCY: 1970 TO 1981

[In millions of dollars. For years ending June 30 except, beginning 1977, ending Sept. 30; transition quarter, July–Sept. 1976, omitted]

DEPARTMENT OR OTHER UNIT	1970	1975	1976	1977	1978	1979	1980	1981 ¹
Total	196,588	326,151	366,418	402,710	450,804	493,635	579,613	655,173
Legislative branch	343	726	775	976	1,049	1,077	1,218	1,456
The Judiciary	128	284	325	392	435	480	564	674
Executive Office of the President	36	93	79	73	75	80	95	101
Funds appropriated to President	2,904	3,988	3,525	2,487	4,450	2,623	7,523	6,070
Departments:								
Agriculture	8,301	9,722	12,796	16,738	20,368	20,636	24,555	20,699
Commerce	1,079	1,583	2,020	2,606	5,239	4,072	3,755	2,896
Defense	78,360	87,071	90,160	97,930	105,595	117,921	136,067	161,923
Education ^{2,3}	(NA)	(NA)	(NA)	(NA)	(NA)	10,879	13,112	14,322
Energy ⁴	2,459	3,165	3,759	5,217	6,286	7,893	6,464	10,454
Health and Human Services ^{5,6}	(NA)	(NA)	(NA)	(NA)	(NA)	170,303	194,703	227,606
Health, Education, and Welfare ⁸	52,670	112,411	128,785	147,455	162,856	(³)	(³)	(³)
Housing and Urban Development	2,603	7,488	7,079	5,838	7,589	9,213	12,576	13,489
Interior	992	2,139	2,293	3,194	3,821	4,087	4,377	4,426
Justice	640	2,067	2,242	2,350	2,397	2,622	2,632	2,644
Labor ⁶	5,194	17,615	25,705	22,359	22,864	22,610	29,724	35,539
State	448	829	1,062	1,070	1,252	1,548	1,938	2,154
Transportation	6,412	9,247	11,936	12,514	13,452	15,486	18,963	21,983
Treasury	19,509	41,177	44,335	49,560	56,355	65,044	76,691	87,734
Independent agencies:								
Environmental Protection Agency	384	2,530	3,118	4,365	4,071	4,800	5,602	5,479
National Aero. and Space Admin.	3,749	3,267	3,670	3,944	3,980	4,187	4,850	5,271
Office of Personnel Management ⁷	2,647	7,036	8,320	9,620	10,952	12,654	15,050	17,890
Railroad Retirement Board	1,600	3,083	3,482	3,859	4,075	4,365	4,788	5,353
Small Business Administration	253	618	436	700	2,766	1,631	1,899	2,299
Tennessee Valley Authority	211	767	980	1,100	1,412	1,884	1,869	2,176
Veterans Administration	8,653	16,575	18,415	18,019	18,962	19,887	21,135	22,282
Other independent agencies	3,580	6,745	5,824	5,391	6,274	6,241	11,396	9,560
Undistributed offsetting receipts:								
Employer share, employee retirement	-6,567	-14,075	-14,704	-15,053	-15,772	-18,488	-21,933	-29,306
Interest received by trust funds	-2,444	-3,980	-4,242	-4,548	-4,983	-5,271	-5,787	-6,553
Rents and royalties on the Outer Continental Shelf lands	-3,936	-7,667	-7,800	-8,131	-8,530	-9,950	-12,045	-13,153
	-187	-2,428	-2,662	-2,374	-2,259	-3,267	-4,101	-9,600

NA Not available. ¹ March estimates. ² New agency which assumed education activities previously performed by Dept. of Health, Education, and Welfare, and other education programs. ³ The Budget shows the Dept. of Education and the Dept. of Health and Human Services as if they existed since 1979. ⁴ See footnotes 7 and 12, table 459. ⁵ This agency has assumed the health and welfare activities previously performed by the Dept. of Health, Education, and Welfare. ⁶ Beginning 1975, includes Pension Benefit Guarantee Corporation. ⁷ Civil Service Commission prior to 1979.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

NO. 426. OFF-BUDGET FEDERAL ENTITIES—BALANCE SHEET AND LOAN POSITION: 1980

[In millions of dollars. See text for discussion of off-budget Federal entities]

ITEM	REA ¹	Rural telephone bank	Pension benefit guaranty corporation	Board of Governors of the Federal Reserve System ²	Federal financing bank	Postal service fund	Regional rail reorganization program
Total costs funded	1,307	238	60	62	³ 28,357	20,134	59
Operating costs	100	38	60	59	5,916	19,615	40
Capital investment	1,207	200	(Z)	3	22,188	519	19
Assets	9,855	938	167	78	63,935	17,205	501
Liabilities	7,865	539	327	3	63,817	17,924	506
Equity	1,990	400	-159	75	117	-719	-5
Net loans, cumulative	18,461	1,367	(X)	(X)	(NA)	(X)	(X)
Principal repaid, cumulative	4,869	28	(X)	(X)	(NA)	(X)	(X)
Interest paid, cumulative	3,386	210	(X)	(X)	(NA)	(X)	(X)
Loan guarantee commitments	21,212	(X)	(X)	(X)	(NA)	(X)	(X)

NA Not available. X Not applicable. Z Less than \$500,000. ¹ The Rural Electrification Administration conducts two capital investment programs: (1) The rural electrification program to provide electric service to farms and other rural establishments; and (2) the rural telephone program. ² Estimated on calendar year basis. ³ Includes transfer of \$253 million surplus to the general fund.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, 1982.

NO. 427. FEDERAL TRUST FUND RECEIPTS, OUTLAYS, AND BALANCES: 1970 TO 1981

[In billions of dollars. For years ending June 30 except, beginning 1977, ending Sept. 30; transition quarter July–Sept. 1976, omitted. Receipts based on collections received and deposited. Outlays stated on a checks issued basis, less refunds collected. Balances: That portion of funds authorized for use which have not been spent. See text, p. 241 for discussion of the budget concept and trust funds]

TYPE OF FUND	1970	1974	1975	1976	1977	1978	1979	1980	1981 ¹
Total receipts²	59.4	104.8	118.6	133.7	152.8	168.0	189.6	213.9	242.5
OASDI ³ trust funds	36.1	57.7	66.7	70.7	81.2	89.6	102.1	117.4	132.7
Health insurance trust funds	7.5	15.4	16.9	18.5	22.8	27.6	31.7	35.7	44.9
State and local fiscal assistance trust funds ⁴	(x)	6.1	6.2	6.4	6.7	6.9	6.9	6.9	4.6
Unemployment insurance funds	4.1	7.5	8.2	16.2	15.0	15.2	15.9	16.2	20.0
R.R. employees retirement funds	1.7	2.6	2.8	3.3	3.6	3.9	4.2	4.4	4.8
Federal employees retirement funds	4.7	9.0	11.5	13.2	16.7	17.8	20.5	24.5	28.0
Airport and airway trust funds	(x)	.9	1.1	1.1	1.4	1.5	1.8	2.3	.8
Highway trust funds	5.5	6.7	6.8	6.0	7.3	7.6	8.0	7.6	8.0
Foreign military sales trust funds	.8	3.2	4.4	7.3	9.4	8.4	8.5	7.7	9.6
Veterans life insurance funds	.8	.9	.9	.9	1.0	1.0	1.0	1.1	1.2
Total outlays⁵	49.1	90.8	111.2	131.3	143.3	155.3	171.3	205.1	238.1
OASDI ³ trust funds	30.3	55.9	64.7	73.9	85.1	93.9	104.1	118.6	140.0
Health insurance trust funds	7.1	11.3	14.8	17.8	21.5	25.2	29.1	35.0	40.0
State and local fiscal assistance trust funds ⁴	(x)	6.1	6.1	6.2	6.8	6.8	6.8	6.8	5.2
Unemployment insurance funds	3.6	6.2	13.2	17.9	14.1	11.2	11.2	16.4	23.5
R.R. employees retirement funds	1.6	2.7	3.1	3.5	3.8	4.0	4.3	4.7	5.3
Federal employees retirement funds	2.8	5.7	7.1	8.4	9.7	11.0	12.5	14.9	17.8
Airport and airway trust funds	(x)	.5	.6	.5	.9	1.1	1.1	1.2	1.4
Highway trust funds	4.4	4.6	4.8	6.5	6.1	6.1	7.2	9.2	8.8
Foreign military sales trust funds	1.0	2.7	3.5	6.7	8.2	8.1	7.1	8.8	9.6
Veterans life insurance funds	.8	.7	.8	.7	.8	.7	1.1	1.0	1.1
Balances	97.2	135.2	142.6	145.0	152.5	165.2	183.6	192.4	196.8
OASDI ³ trust funds	37.7	46.1	48.2	44.9	39.6	35.4	33.4	32.3	25.0
Health insurance trust funds	2.7	9.2	11.3	12.0	13.4	15.8	18.4	19.0	24.0
State and local fiscal assistance trust funds	-	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.2
Unemployment insurance funds	13.1	12.4	7.4	5.7	6.5	10.4	15.1	14.9	11.4
R.R. employees retirement accounts	4.8	4.6	4.3	4.0	3.2	3.1	3.1	2.7	2.3
Federal employees retirement funds	22.5	34.5	38.8	43.7	49.9	56.7	64.7	74.3	84.5
Airport and airway trust fund	-	1.5	2.0	2.6	3.3	3.7	4.4	5.4	4.9
Highway trust funds	2.6	7.7	9.6	9.1	10.2	11.7	12.6	11.0	10.2
Foreign military sales trust fund	.5	1.2	2.1	2.7	4.6	4.9	6.3	5.2	5.2
Veterans life insurance funds	7.1	7.6	7.7	7.8	8.0	8.3	8.4	8.5	8.6
Other trust funds (nonrevolving)	.6	.7	.7	.8	.9	1.0	1.3	1.7	2.0
Trust revolving funds	5.5	8.1	8.9	9.9	11.2	12.5	14.1	15.5	17.5

- Represents zero. X Not applicable. ¹January estimates. See footnote 7, table 416. ²Includes deductions for intrafund transactions, proprietary receipts from public, receipts from off-budget Federal agencies, and receipts and outlays from trust funds, not shown separately. ³Old-age, survivors, and disability insurance. ⁴Deposits for general revenue sharing. ⁵Includes deductions for intrafund transactions, proprietary receipts from public, receipts from off-budget Federal agencies, and trust revolving funds on net basis (outlays less receipts). ⁶Payments for general revenue sharing.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

NO. 428. FEDERAL PARTICIPATION IN DOMESTIC CREDIT MARKETS: 1965 TO 1981

[In billions of dollars, except percent. See headnote, table 425. Federal credit programs are primarily in three forms: direct loans from the Federal government, Federal guarantees of private lending, and lending by privately owned Government-sponsored enterprises. Credit programs provide credit in private capital markets to certain classes of borrowers, or on special terms and conditions, or for special activities. An element of subsidy is involved since Government assistance is given on terms or conditions more favorable than would have occurred in private capital markets]

TYPE OF PARTICIPATION	1965	1970	1975	1976	1977	1978	1979	1980	1981 ¹
Total funds advanced in U.S. credit markets, including equities²	69.3	93.6	181.3	251.8	314.4	385.3	414.3	348.0	(NA)
Advanced under Federal auspices ³	8.9	16.1	27.1	27.0	37.3	58.9	73.8	80.8	98.8
Federal participation rate (percent)	13.0	17.2	14.9	10.7	11.9	15.3	17.8	23.2	(NA)
Direct loans:									
On-budget	2.7	3.0	5.8	4.2	2.6	8.6	6.0	9.5	3.9
Off-budget	-	-	7.0	6.7	9.0	11.2	13.6	14.7	23.2
Guaranteed loans	4.9	8.0	8.7	11.2	14.0	13.9	26.1	32.4	51.3
Government-sponsored enterprise loans	1.3	5.2	5.5	4.9	11.7	25.2	28.1	24.1	20.3
Total funds raised in U.S. credit markets²	69.3	93.6	181.3	251.8	314.4	385.3	414.3	348.0	(NA)
Raised under Federal auspices	10.2	17.9	64.9	98.2	79.6	94.4	81.7	124.4	141.5
Federal participation rate (percent)	15.0	19.1	35.8	39.0	25.3	24.5	19.7	35.7	(NA)
Federal borrowing from public	4.1	5.4	50.9	82.9	53.5	59.1	33.6	70.5	72.0
Borrowing for guaranteed loans	4.9	8.0	8.7	11.2	14.0	13.9	26.1	32.4	51.3
Government-sponsored enterprise borrowing	1.2	4.5	5.3	4.1	12.0	21.4	21.9	21.4	18.2

- Represents zero. NA Not available. ¹ March estimates. See footnote 7, table 416. ² Nonfinancial sectors. ³ Estimated.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

NO. 429. FEDERAL DIRECT AND GUARANTEED LOANS: 1970 TO 1981

[In billions of dollars. As of June 30 except, beginning 1977, as of Sept. 30. Government guaranteed loans (loans for which the Government guarantees payment of principal or interest in whole or part) are not included in Federal budget outlays. They constitute contingent liabilities not resulting in outlays, except in event of default. Government direct loans are made by both on-budget and off-budget Federal agencies. See headnote, table 428]

LOAN STATUS	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981 ¹
Direct loans: ² Net loan outlays	3.0	2.9	1.0	4.1	12.8	10.9	11.5	19.8	19.6	24.2	27.2
Gross (new) loans disbursed	12.4	13.8	15.7	15.8	28.8	34.5	35.4	48.6	49.2	49.3	56.7
Direct loans outstanding	51.1	56.1	57.1	61.5	74.1	85.9	100.7	120.5	140.5	163.9	191.1
Guaranteed loans: ² Net loans	8.0	19.8	17.7	10.5	8.7	11.2	14.0	13.9	26.1	32.4	51.3
Primary loans guaranteed ⁴	(NA)	(NA)	(NA)	32.0	31.2	31.9	43.9	48.5	60.5	66.2	87.1
Guaranteed loans outstanding	126.5	161.5	179.1	189.7	198.3	210.1	224.0	237.9	264.6	298.5	349.8

NA Not available. ¹ January estimates. ² Includes loans from "off-budget" Government accounts. One of these is the Federal Financing Bank which buys or originates loans guaranteed by other Federal agencies. ³ Guaranteed loans include capital subscriptions to international financial institutions. To avoid double counting, secondary guaranteed loans and guaranteed loans held as direct loans are excluded. ⁴ Primary guaranteed loans are gross loan guarantees minus both secondary guaranteed loans, and guaranteed loans held as direct loans by the Government—by either on- or off-budget accounts.

NO. 430. FEDERAL CREDIT ACTIVITIES: 1980

[In millions of dollars. For year ending Sept. 30. See headnote, tables 428 and 429]

FUNCTION	DIRECT LENDING					LOAN GUARANTEES				
	New loan obligations	New direct loans	Repayments, loan sales ¹	Net loan outlays	Direct loans outstanding	New commitments	New loans guaranteed	Repayments ¹	Terminations for default	Guaranteed loans outstanding
Total ²	51,081	49,300	-25,097	24,203	163,928	170,994	114,629	-44,769	-1,843	454,725
National defense	-	-	-10	-10	35	1	-	-	-	135
International affairs	8,170	6,214	-2,773	3,441	40,976	11,990	9,321	-4,862	-151	28,134
General science, space, technology	-	-	-	-	-	229	104	-	-	527
Energy programs	1,248	1,279	-1,038	241	9,589	5,772	3,389	-2	-	10,937
Natural resources and environment	12	30	-5	25	320	-	-	-	-	-
Commodity Credit Corp	4,947	4,947	-5,705	-758	7,069	744	673	-21	-	706
Agricultural Credit Insurance Fund	7,528	7,543	-7,643	-100	1,934	5,426	5,431	-1,474	-	18,131
Commerce and housing	12,211	11,743	-7,468	4,276	14,940	104,723	56,641	-18,557	-1,082	243,504
Transportation	825	871	-40	831	4,315	1,773	1,249	-228	-11	9,763
Community and regional development	3,272	3,519	-2,282	1,237	8,935	2,859	2,358	-1,019	-31	8,293
Education, training, employment, and social services	689	644	-179	466	8,692	5,820	5,820	-1,189	-236	15,277
Health	66	64	-46	18	866	65	71	-238	(-z)	1,320
Income security	1,319	1,319	-1,285	34	119	17,013	14,214	-12,774	-	16,490
Veterans benefits and services	626	905	-791	114	3,114	14,271	14,966	-4,363	-331	99,429
Administration of justice	-	3	-1	2	-	-	-	-	-	-
General government	22,188	22,198	-7,858	14,340	61,565	9	92	-18	-	1,304
Less F.F.B. purchases	-12,110	-12,110	12,110	-	-	-	-	-	-	-
General purpose fiscal assistance	90	130	-84	46	1,459	300	300	-23	-	777

- Represents zero. ² Less than \$500,000, or less than -\$500,000. ¹ Includes other adjustments. ² To avoid double counting new direct loan assets purchased from agencies by the Federal Financing Bank (F.F.B.), secondary guaranteed loans and guaranteed loans held as direct loans have been deducted.

Source of tables 429 and 430: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual; and unpublished data.

NO. 431. VALUE OF SHIPMENTS TO GOVERNMENT—SUMMARY, BY AGENCY: 1977 TO 1979

[In millions of dollars. Data do not represent all Federal Government procurement; only that of the 92 industries selected for the sample. See source for description of methodology]

ITEM	1977	1978	1979	ITEM	1977	1978	1979
Total industry shipments	534,942	431,212	381,273	Subcontracts	15,805	13,388	13,292
Government shipments	58,713	51,720	50,196	Agency known	10,527	9,317	9,016
Prime contracts	42,909	38,331	36,905	Dept. of Defense	8,151	7,457	7,558
Dept. of Defense	34,896	31,925	30,737	National Aero. and Space	709	577	568
National Aero. and Space	2,293	1,864	1,869	Dept. of Energy	1,126	867	452
Dept. of Energy	1,940	1,626	2,069	Other agencies	541	417	438
Other agencies	3,779	2,915	2,229	Agency not known	5,277	4,071	4,276

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-175(79)-1.

**NO. 432. FEDERAL EXPENDITURES AND TAXES—NET FLOW AND PER CAPITA, BY MAJOR PROGRAM
AREA AND BY STATES: 1975 AND 1979**

[For years ending June 30. Minus sign (–) denotes a net outflow. Data measure the flow of Federal dollars into and out of each State or region. Federal expenditures exclude interest payments]

DIVISION AND STATE	SPENDING- TAXES RATIO		NET FLOW ¹ (mil. dol.)		1979									
	1975	1979	1975	1979	Taxes ² (mil. dol.)	Expendi- tures (mil. dol.)	Per capita taxes ³ (dol.)	Per capita expenditures (dollars)						
								Total ³	DOD ⁴		High- ways and sewers ⁶	Wel- fare pro- grams ⁷	Retire- ment pro- grams	
									Con- tracts ⁵	Sal- aries				
U.S.	1.00	1.00		—	462,532	462,532	2,101	2,101	283	157	51	140	611	
N. Eng.	.96	1.09	—762	2,390	26,364	28,754	2,145	2,339	635	90	56	182	625	
Maine	1.12	1.32	139	552	1,711	2,263	1,560	2,063	74	102	74	208	673	
N.H.	1.00	.92	—	—	1,804	1,667	2,034	1,879	268	251	68	106	656	
Vt.	1.17	1.17	91	132	786	918	1,595	1,862	204	44	115	193	603	
Mass.	.95	1.13	—462	1,593	12,118	13,711	2,100	2,377	528	74	56	215	624	
R.I.	.92	1.04	—107	77	1,850	1,927	1,991	2,074	225	194	59	191	724	
Conn.	.92	1.02	—425	174	8,094	8,268	2,598	2,654	1,213	47	37	129	576	
Mid. Atl.	.83	.88	—10,013	—9,359	81,452	72,093	2,219	1,964	233	70	41	199	634	
N.Y.	.89	.96	—3,392	—1,740	38,853	37,112	2,201	2,103	261	41	44	240	613	
N.J.	.66	.71	—4,436	—5,595	18,224	12,629	2,485	1,722	191	100	37	153	614	
Pa.	.87	.92	—2,185	—2,024	24,375	22,351	2,078	1,905	218	95	38	161	678	
E. No. Cent.	.70	.71	—18,618	—27,483	93,940	66,457	2,275	1,609	136	74	46	141	550	
Ohio	.70	.71	—4,634	—6,736	23,312	16,576	2,172	1,545	155	62	47	123	560	
Ind.	.73	.70	—2,036	—3,398	11,332	7,934	2,098	1,469	214	78	37	88	557	
Ill.	.72	.73	—5,290	—7,707	28,492	20,785	2,537	1,851	75	69	60	151	546	
Mich.	.65	.66	—4,971	—7,272	21,600	14,328	2,346	1,556	170	77	35	171	528	
Wis.	.73	.74	—1,686	—2,370	9,204	6,835	1,950	1,448	80	42	44	156	572	
W. No. Cent.	.94	1.01	—1,456	415	34,644	35,059	2,023	2,048	314	24	63	112	623	
Minn.	.83	.85	—934	—1,289	8,603	7,314	2,119	1,801	224	103	81	136	543	
Iowa	.69	.76	—1,249	—1,455	6,105	4,650	2,104	1,602	89	33	52	101	596	
Mo.	1.10	1.25	657	2,395	9,528	11,923	1,958	2,450	686	21	51	117	724	
N. Dak.	1.35	1.31	283	377	1,203	1,580	1,830	2,405	134	120	93	90	534	
S. Dak.	1.29	1.40	215	439	1,110	1,549	1,611	2,249	46	163	110	115	592	
Nebr.	.84	1.05	—351	165	3,145	3,311	1,998	2,103	81	161	55	92	615	
Kans.	.98	.96	—78	—218	4,949	4,731	2,089	1,997	261	186	53	90	624	
So. Atl.	1.12	1.15	4,986	9,596	65,495	75,090	1,908	2,188	263	269	58	131	691	
Del.	.66	.74	—347	—359	1,388	1,029	2,384	1,768	169	184	81	117	591	
Md.	1.20	1.18	1,299	1,797	9,852	11,649	2,375	2,808	450	307	62	126	595	
Va.	1.34	1.41	—2,257	4,395	10,684	15,079	2,056	2,901	629	528	62	108	707	
W. Va.	1.21	1.11	410	353	3,191	3,545	1,899	1,887	36	27	109	141	672	
N.C.	.98	.97	—115	—262	9,297	9,035	1,658	1,612	107	234	45	139	548	
S.C.	1.19	1.16	561	753	4,625	5,378	1,577	1,834	135	308	49	162	561	
Ga.	1.16	1.11	912	985	8,742	9,727	1,708	1,901	156	276	62	160	564	
Fla.	1.00	1.11	9	1,934	17,715	19,648	1,999	2,217	218	162	49	113	955	
So. Cent.	1.17	1.10	6,536	6,407	66,651	73,058	1,822	1,997	211	182	46	158	565	
Ky.	1.21	1.12	790	683	5,920	6,604	1,678	1,872	60	209	52	175	569	
Tenn.	1.13	1.39	627	2,925	7,493	10,418	1,711	2,378	112	71	54	166	566	
Ala.	1.34	1.23	1,255	1,406	6,013	7,419	1,595	1,968	172	208	51	175	608	
Miss.	1.76	1.58	1,621	1,845	3,191	5,036	1,314	2,073	299	182	62	228	558	
La.	1.16	1.05	652	377	7,123	7,500	1,773	1,866	84	118	45	193	482	
Ark.	1.24	1.24	492	766	3,191	3,958	1,464	1,815	49	105	65	193	698	
Okl.	1.22	1.09	711	481	5,412	5,892	1,871	2,037	162	285	38	146	655	
Tex.	1.03	.93	388	—2,075	28,307	26,232	2,116	1,960	354	213	36	121	538	
Mt.	1.30	1.20	3,631	4,129	20,583	24,711	1,928	2,315	201	234	82	95	606	
Mont.	1.28	1.19	246	274	1,480	1,754	1,383	2,231	77	121	100	109	607	
Idaho	1.25	1.20	223	312	1,526	1,838	1,686	2,031	29	118	80	101	568	
Wyo.	1.21	.90	102	—110	1,064	954	2,364	2,119	120	153	125	55	483	
Colo.	1.20	1.06	704	337	5,874	6,211	2,119	2,240	186	260	80	97	561	
N. Mex.	1.93	1.91	1,090	1,859	2,035	3,894	1,640	3,138	247	309	70	157	606	
Ariz.	1.31	1.21	853	960	4,579	5,539	1,869	2,261	318	199	73	61	745	
Utah	1.35	1.28	455	629	2,220	2,849	1,624	2,084	228	349	67	99	508	
Nev.	.96	.93	—40	—131	1,804	1,673	2,570	2,383	129	234	119	86	624	
Pac.	1.17	1.00	7,008	274	71,600	71,874	2,350	2,359	482	246	49	168	599	
Wash.	1.40	1.10	2,008	901	9,019	9,920	2,297	2,527	445	238	103	126	667	
Oreg.	.94	.88	—202	—676	5,504	4,828	2,178	1,911	63	39	67	130	651	
Calif.	1.11	.98	3,684	—1,165	53,700	52,534	2,366	2,315	535	210	33	180	589	
Alaska	2.44	1.44	776	591	1,341	1,932	3,304	4,759	631	1,931	251	149	293	
Hawaii	1.58	1.30	741	624	2,035	2,659	2,224	2,906	401	986	65	181	573	
D.C.	7.67	8.56	8,690	13,631	1,804	15,435	2,750	23,529	1,970	887	97	234	1,430	

– Represents zero. ¹ Represents the total amount of money that flowed into or out of each State or region. ² Represents the Federal tax burden with the Federal deficit distributed as an added tax. ³ Includes categories not shown separately.

⁴ Department of Defense. ⁵ Allocated to the location of the prime contractor. ⁶ Construction of highways and sewage treatment plants.

⁷ Covers Medicaid, aid to families with dependent children, food stamps, supplemental security income, grants to States for social service programs, and unemployment compensation.

Source: Government Research Corporation, Washington, D.C., *National Journal*, February 7, 1981. (Copyright.)

No. 433. REVENUE LOSSES (TAX EXPENDITURES) DUE TO FEDERAL TAX LAWS: 1978 TO 1981

[In millions of dollars. For years ending Sept. 30. Tax expenditures are the estimated revenue losses attributable to provisions of the Federal tax laws which allow a special exclusion, exemption, or deduction from gross income or which provide a special credit, a preferential rate of tax, or a deferral of tax liability. Estimates of each tax expenditure are made independently of any other tax provision. If 2 or more items were eliminated simultaneously, resulting revenue change might be larger or smaller than the sum of estimates shown for individual items. Change in tax rates or other basic tax provisions would affect estimates for individual items. Therefore, totals give only estimated orders of magnitude. Year-to-year differences in estimates of particular items may be due to changes in tax law or revised estimating techniques. Based on tax law enacted as of December 31, see source for further details]

BUDGET FUNCTION AND ITEM	1978		1979		1980		1981 ¹	
	Corpo- rations	Individ- uals	Corpo- rations	Individ- uals	Corpo- rations	Individ- uals	Corpo- rations	Individ- uals
National defense:								
Exclusion of benefits and allowances to Armed Forces personnel.....	(x)	1,260	(x)	1,380	(x)	1,470	(x)	1,585
Exclusion of military disability pensions.....	(x)	115	(x)	115	(x)	135	(x)	170
International affairs:								
Exclusion of income earned abroad by U.S. citizens.....	(x)	565	(x)	530	(x)	555	(x)	640
Deferral of income of—								
Domestic international sales (DISC) corps.....	1,000	(x)	1,210	(x)	1,430	(x)	1,600	(x)
Controlled foreign corporations.....	585	(x)	530	(x)	450	(x)	480	(x)
General science, space, and technology:								
Expensing of R and D expenditures.....	1,360	25	1,490	35	1,760	35	2,015	40
Energy:								
Expensing of exploration and development costs.....	1,010	380	1,275	470	1,525	670	1,900	860
Excess of percentage over cost depletion.....	1,115	385	1,010	820	825	1,140	1,075	1,600
Capital gains treatment of royalties on coal.....	10	55	10	65	10	70	10	80
Residential energy credits.....	(x)	(x)	(x)	645	(z)	430	(z)	540
Alternative, conservation, and new tech. credits.....	(x)	(x)	220	(z)	330	10	525	15
Natural resources and environment:								
Exclusion of interest on State and local government pollution control bonds.....	170	175	200	215	425	210	490	230
Exclusion of payments in aid of construction of water, sewage, gas, electric utilities.....	10	(x)	10	(x)	60	(x)	110	(x)
Pollution control facilities: 5-year amortization.....	-40	(x)	-25	(x)	15	(x)	35	(x)
Tax incentives for preservation of historic structures.....	(x)	(x)	5	10	10	25	20	45
Capital gains treatment of certain timber income.....	275	75	385	110	420	120	470	135
Capital gains treatment of iron ore.....	5	5	10	10	10	10	10	10
Agriculture:								
Expensing of certain capital outlays.....	75	445	75	445	75	430	80	475
Capital gains treatment of certain ordinary income.....	10	350	15	365	20	385	25	405
Deductibility of noncash patronage dividends and certain other items of cooperatives.....	500	-175	505	-170	540	-175	625	-190
Exclusion of certain cost-sharing payments.....	(x)	(x)	(x)	(z)	(x)	30	(x)	75
Commerce and housing credit:								
Dividend exclusion.....	(x)	440	(x)	460	(x)	430	(x)	1,325
Exclusion of interest on State and local industrial development bonds.....	215	220	240	255	730	180	1,000	230
Exemption of credit union income.....	80	(x)	90	(x)	110	(x)	115	(x)
Financial institutions: Excess bad debt reserves.....	775	(x)	780	(x)	470	(x)	340	(x)
Deductibility of—								
Mortgage interest on owner-occupied homes.....	(x)	7,595	(x)	10,745	(x)	15,615	(x)	19,805
Property tax on owner-occupied homes.....	(x)	5,495	(x)	6,760	(x)	7,310	(x)	8,915
Interest on consumer credit.....	(x)	2,350	(x)	3,085	(x)	4,745	(x)	5,260
Expensing of construction period interest and taxes.....	500	140	525	90	555	140	585	160
Excess first-year depreciation.....	45	130	50	135	50	135	50	145
Depreciation on rental housing in excess of straight line.....	75	300	70	290	75	310	80	330
Depreciation on buildings (other than rental housing) in excess of straight line.....	145	130	135	120	135	120	140	125
Asset depreciation range.....	2,130	110	2,460	130	2,880	150	3,585	180
Capital gains (exc. farming, timber, iron ore, coal).....	525	7,125	655	10,190	715	15,415	940	16,230
Deferral of capital gains on home sales.....	(x)	955	(x)	1,125	(x)	1,010	(x)	1,110
Exclusion of capital gains on home sales for persons age 55 and over.....	(x)	(x)	(x)	(x)	(x)	535	(x)	590
Capital gains at death.....	(x)	8,120	(x)	4,440	(x)	4,750	(x)	5,085
Reduced rates on first \$1,000,000 of corporate income.....	(x)	(x)	3,285	(x)	7,210	(x)	7,395	(x)
Investment credit.....	10,870	2,250	13,910	2,590	15,200	3,050	16,395	3,130
Transportation:								
Railroad rolling stock: 5-year amortization.....	-40	(x)	-40	(x)	-40	(x)	-40	(x)
Deferral of tax on shipping companies.....	80	(x)	75	(x)	75	(x)	75	(x)
Community and regional development:								
Housing rehabilitation: 5-year amortization.....	10	10	5	10	5	10	10	15
Educ., training, employment, and social services:								
Exclusion of scholarships and fellowship income.....	(x)	255	(x)	310	(x)	355	(x)	410
Parental personal exemption for students age 19 and over.....	(x)	780	(x)	935	(x)	1,030	(x)	1,045
Exclusion of employee meals and lodging ²	(x)	300	(x)	325	(x)	350	(x)	380

See footnotes at end of table.

NO. 433. REVENUE LOSSES (TAX EXPENDITURES) DUE TO FEDERAL TAX LAWS: 1978 TO 1981—
Continued

[In millions of dollars. See headnote, p. 254]

BUDGET FUNCTION AND ITEM	1978		1979		1980		1981 ²	
	Corpo- rations	Individ- uals	Corpo- rations	Individ- uals	Corpo- rations	Individ- uals	Corpo- rations	Individ- uals
Educ., training, employment, and social services—Con.								
Employer educational assistance.....	(x)	(x)	(x)	20	(x)	30	(x)	35
Exclusion of contributions to prepaid legal services plans ..	(x)	10	(x)	15	(x)	20	(x)	35
Investment credit for employee stock ownership plans (ESOP).....	315	(x)	650	(x)	695	(x)	770	(x)
Deductibility of charitable contributions to—								
Education.....	275	655	325	680	305	785	310	950
Other than education and health	345	4,905	405	5,110	375	5,895	385	7,135
Maximum tax on personal service income	(x)	1,090	(x)	1,215	(x)	1,320	(x)	1,655
Credit for child and dependent care expenses	(x)	550	(x)	715	(x)	885	(x)	1,025
Credit for employment of public assistance recipients under work-incentive programs	15	(z)	45	5	45	5	50	10
Jobs credit (general and targeted)	1,475	985	1,135	685	320	25	340	50
Health:								
Exclusion of employer contributions to medical insurance premiums and medical care.....	(x)	7,105	(x)	11,080	(x)	12,075	(x)	14,165
Deductibility of medical expenses.....	(x)	2,785	(x)	3,215	(x)	3,150	(x)	3,580
Deductibility of charitable contributions (health)	170	980	200	1,020	190	1,180	195	1,425
Income security:								
Exclusion of social security benefits for—								
Disability insurance.....	(x)	515	(x)	590	(x)	690	(x)	815
OASI benefits for retired workers.....	(x)	4,635	(x)	5,465	(x)	6,890	(x)	9,020
Dependents and survivors.....	(x)	730	(x)	845	(x)	1,015	(x)	1,250
Exclusion of benefits from or for—								
Railroad retirement system benefits	(x)	275	(x)	285	(x)	320	(x)	380
Workmen's compensation.....	(x)	835	(x)	980	(x)	2,200	(x)	2,675
Disabled coal miners.....	(x)	50	(x)	50	(x)	90	(x)	100
Unemployment insurance.....	(x)	2,090	(x)	1,885	(x)	3,350	(x)	5,275
Public assistance.....	(x)	350	(x)	345	(x)	390	(x)	465
Disability pay	(x)	130	(x)	185	(x)	170	(x)	170
Net exclusion of pension contributions and earnings:								
Employer plans	(x)	9,940	(x)	11,335	(x)	19,785	(x)	23,605
Plans for self-employed and others	(x)	1,650	(x)	1,765	(x)	1,925	(x)	2,105
Exclusion of other employee benefits:								
Premiums on group term life insurance	(x)	840	(x)	1,350	(x)	1,675	(x)	1,855
Premiums on accident and disability insurance	(x)	75	(x)	85	(x)	90	(x)	100
Income of trusts to finance supplementary unem- ployment benefits.....	(x)	10	(x)	10	(x)	15	(x)	20
Additional exemption for elderly	(x)	1,350	(x)	1,745	(x)	2,040	(x)	2,260
Additional exemption for the blind.....	(x)	25	(x)	35	(x)	30	(x)	30
Deductibility of casualty losses	(x)	410	(x)	530	(x)	570	(x)	715
Tax credit for the elderly.....	(x)	170	(x)	145	(x)	130	(x)	125
Earned income credit.....	(x)	285	(x)	300	(x)	720	(x)	635
Exclusion of interest on State and local rental housing bonds	280	60	410	80	135	175	195	235
Veterans benefits and services:								
Exclusion of veterans disability compensation.....	(x)	800	(x)	915	(x)	1,065	(x)	1,300
Exclusion of veterans pensions.....	(x)	40	(x)	45	(x)	75	(x)	85
Exclusion of GI bill benefits	(x)	226	(x)	190	(x)	190	(x)	180
General government:								
Credits and deductions for political contributions.....	(x)	80	(x)	80	(x)	80	(x)	100
General purpose fiscal assistance:								
Exclusion of interest on general-purpose State and local debt	2,925	1,865	3,245	2,120	3,300	1,625	4,035	1,885
Deductibility of nonbusiness State and local taxes (other than on owner-occupied homes).....	(x)	9,950	(x)	12,595	(x)	14,690	(x)	18,405
Tax credit for corporations doing business in U.S. posses- sions.....	685	(x)	740	(x)	905	(x)	1,005	(x)
Interest: Deferral of interest on savings bonds	(x)	620	(x)	500	(x)	80	(x)	—75
Combined effect of provisions disaggregated above:								
Capital gains	775	17,020	840	18,515	1,175	22,295	1,455	23,645
Exclusion of interest on State and local debt.....	3,925	2,150	4,400	2,415	7,150	3,565	9,025	4,340
Deductibility of State and local non-business taxes.....	(x)	12,325	(x)	13,680	(x)	20,495	(x)	25,480
Deductibility of charitable contributions	730	5,830	810	6,470	870	7,860	890	9,510
Itemized deductions	(x)	(NA)	(x)	(NA)	(x)	40,915	(x)	50,955
Deductibility of mortgage interest and property tax on owner-occupied homes.....	(x)	(NA)	(x)	(NA)	(x)	22,170	(x)	28,065
Benefits for the elderly	(x)	(NA)	(x)	(NA)	(x)	10,320	(x)	12,965
Fringe benefits	(x)	(NA)	(x)	(NA)	(x)	35,010	(x)	41,335
Government benefits and payments.....	(x)	(NA)	(x)	(NA)	(x)	18,280	(x)	23,765

NA Not available. X Not applicable. Z \$2.5 million or less. ¹ Other than military. ² Based on January budget estimates. See footnote 7, table 416.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

NO. 434. INTERNAL REVENUE COLLECTIONS, BY SELECTED SOURCES: 1960 TO 1980

[For years ending June 30 except, beginning 1977 ending Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series Y 358-373]

SOURCE OF REVENUE	COLLECTIONS (bil. dol.)								PERCENT OF TOTAL			
	1960	1965	1970	1975	1977	1978	1979	1980	1960	1970	1979	1980
All taxes.....	91.8	114.4	195.7	293.0	358.1	399.8	460.4	519.4	100.0	100.0	100.0	100.0
Individual income taxes.....	44.9	53.7	108.7	156.4	186.8	213.1	251.5	287.5	49.0	53.0	54.6	55.4
Withheld by employers.....	31.7	36.8	77.4	122.1	144.7	165.3	195.3	223.8	34.5	39.6	42.4	43.1
Employment taxes ¹	11.2	17.1	37.4	70.1	86.1	97.3	112.8	128.3	12.2	19.1	24.5	24.7
Old-age and disability insurance.....	10.2	15.8	35.7	67.1	82.3	92.6	107.5	122.5	11.1	18.2	23.4	23.6
Unemployment insurance.....	.3	.6	.3	1.4	1.9	2.6	3.0	3.3	.4	.4	.6	.6
Corporation income taxes.....	22.2	26.1	35.0	45.7	60.0	65.4	71.4	72.4	24.2	17.9	15.5	13.9
Estate and gift taxes.....	1.6	2.7	3.7	4.7	7.4	5.4	5.5	6.5	1.8	1.9	1.2	1.3
Excise taxes ²	11.9	14.8	15.9	16.8	17.8	18.7	19.0	24.6	12.9	8.1	4.1	4.7
Alcohol.....	3.2	3.8	4.7	5.4	5.4	5.6	5.6	5.7	3.5	2.4	1.2	1.1
Tobacco.....	1.9	2.1	2.1	2.3	2.4	2.5	2.5	2.4	2.1	1.1	.5	.5
Manufactures ²	4.7	6.4	6.7	5.5	6.1	6.6	7.1	6.5	5.2	3.4	1.5	1.3
Gasoline and lubricating oils.....	2.1	2.8	3.5	4.1	4.4	4.5	4.6	4.3	2.3	1.8	1.0	.8
Motor vehicles and parts ³	2.1	3.0	3.1	1.4	1.6	1.8	2.1	1.8	2.3	1.6	.4	.3
Miscellaneous ²	1.8	2.3	2.4	3.7	3.7	3.8	3.8	10.0	1.9	1.2	.8	1.9
General and toll telephones ⁴	.7	1.1	1.5	2.0	1.7	1.7	1.4	1.1	.8	.8	.3	.2
Transportation of persons.....	.3	.1	.3	.8	1.0	1.1	1.3	1.6	.3	.1	.3	.3

¹ Includes railroad retirement, not shown separately. ² Includes other taxes, not shown separately.

³ Includes tires, tubes, and tread rubber. ⁴ Includes telegraph, radio, and cable services.

Source: U.S. Dept. of the Treasury, *Statistical Appendix to the Annual Report of the Secretary of the Treasury on the State of the Finances*.

NO. 435. NUMBER OF TAX RETURNS FILED, BY TYPE: 1960 TO 1980

[In thousands. For years ending June 30 except, beginning 1977, ending Sept. 30. Includes Puerto Rico and Virgin Islands]

TYPE OF RETURN	1960	1965	1970	1975	1976	1977	1978	1979	1980
Total ¹.....	94,399	102,492	113,079	126,049	127,662	133,522	136,718	140,201	143,446
Income tax ²	70,151	78,113	89,225	96,311	95,362	98,772	100,775	104,910	107,827
Individual and fiduciary.....	61,260	66,965	78,370	85,518	84,189	87,271	89,118	92,607	95,020
Estimated tax declarations.....	6,309	6,197	7,375	7,543	7,868	8,088	8,103	8,425	8,699
Partnership.....	1,016	977	937	1,138	1,135	1,165	1,205	1,353	1,390
Corporation.....	1,072	1,420	1,726	2,112	2,170	2,248	2,349	2,525	2,718
Estate tax.....	62	94	132	216	242	248	160	159	148
Gift tax.....	91	122	148	260	309	287	195	202	216
Employment tax.....	20,227	22,266	21,934	24,757	24,841	25,024	25,541	26,219	26,499
Exempt organization.....	(NA)	(NA)	(NA)	374	503	554	517	450	444
Employee plan.....	(NA)	(NA)	(NA)	1,104	525	1,287	1,243	1,214	792
Excise tax ³	3,668	3,898	1,580	1,427	1,392	1,474	1,459	1,557	1,456

NA Not available. ¹ Beginning 1975, includes other returns, not shown separately.

² Prior to 1975, includes other returns, not shown separately. ³ Includes alcohol, tobacco, and firearms tax returns.

NO. 436. NUMBER OF INDIVIDUAL INCOME TAX RETURNS, BY MARITAL STATUS AND SIZE OF ADJUSTED GROSS INCOME: 1965 TO 1979

ITEM	NUMBER OF RETURNS (1,000)						PERCENT		
	1965	1970	1975	1977	1978	1979, prel.	1965	1970	1979, prel.
Total tax returns.....	67,596	74,280	82,229	86,634	89,772	92,616	100.0	100.0	100.0
Joint returns, husbands and wives.....	39,304	42,376	44,140	44,004	44,483	45,142	58.2	57.0	48.7
Separate returns, husbands and wives.....	2,851	2,370	1,939	1,295	1,587	1,693	4.2	3.2	1.8
Returns of heads of households ¹	2,090	3,857	5,139	5,989	6,509	7,292	3.1	5.2	7.9
Returns of single persons.....	23,351	25,677	31,011	35,345	37,212	38,490	34.5	34.6	41.6
Returns with income under \$15,000.....	64,206	64,717	59,818	56,905	56,063	54,919	100.0	100.0	100.0
Joint returns, husbands and wives.....	33,421	24,100	18,565	16,424	14,697			51.6	26.8
Separate returns, husbands and wives.....	(NA)	2,328	1,812	1,108	1,340	1,373	(NA)	3.6	2.5
Returns of heads of households.....	(NA)	3,738	4,641	5,115	5,393	5,823	(NA)	5.8	10.6
Returns of single persons.....	(NA)	25,231	29,265	32,116	32,907	33,025	(NA)	39.0	60.1
Returns with income over \$15,000.....	3,391	9,563	22,411	29,730	33,708	37,697	100.0	100.0	100.0
Joint returns, husbands and wives.....	42	8,955	20,039	25,439	28,060	30,445		93.6	80.8
Separate returns, husbands and wives.....	(NA)	42	127	187	228	319	(NA)	.4	.8
Returns of heads of households.....	(NA)	119	498	875	1,116	1,468	(NA)	1.3	3.9
Returns of single persons.....	(NA)	447	1,747	3,229	4,306	5,465	(NA)	4.7	14.5

NA Not available. ¹ Includes returns of surviving spouses.

Source of tables 435 and 436: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

**NO. 437. FEDERAL INDIVIDUAL INCOME TAX RETURNS WITH ADJUSTED GROSS INCOME (AGI)—
SUMMARY: 1960 TO 1979**

[Includes Puerto Rico and Virgin Islands. Includes returns of resident aliens; based on a sample of unaudited returns as filed. Taxability or nontaxability is determined by presence or absence of income tax *after credits* (exemptions, deductions, etc.). Classification as "nontaxable" generally based on each return as originally filed and does not reflect subsequent changes (amended returns, audits, etc.). Adjusted gross income (AGI) is gross income from all sources subject to tax reduced by legally permitted subtractions such as: Expenses of operating a business or trade, losses from sales of capital assets, etc. Data are not comparable for all years because of tax changes. See *Statistics of Income, Individual Income Tax Returns* publications for a detailed explanation. See *Historical Statistics, Colonial Times to 1970*, series Y 393-411, for related data]

NATURE OF RETURNS	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979, prel.
Taxpayers, total.....	Million.....	98.7	107.6	117.0	127.6	126.6	129.2	130.7	134.3	137.8
Personal exemptions.....	Million.....	175.3	190.7	204.1	215.1	212.2	215.8	215.2	219.9	225.1
65 years old and over.....	Million.....	6.7	7.9	8.9	9.6	9.9	10.4	10.5	11.0	11.4
Taxpayers dependents.....	Million.....	69.9	75.1	78.1	77.5	75.5	76.0	73.8	74.3	75.7
Adjusted gross income, total.....	Bil. dol.	316.6	430.7	634.3	905.5	947.8	1,053.9	1,158.5	1,302.4	1,463.7
Total individual returns ¹	Million.....	61.0	67.6	74.3	83.3	82.2	84.7	86.6	89.8	92.6
Returns with AGI.....	Million.....	60.6	67.2	73.8	82.8	81.6	84.1	86.1	89.2	92.1
Taxable.....	Million.....	48.1	53.7	59.3	67.3	61.5	64.4	64.4	68.7	71.6
Percent of all returns.....	Percent.....	79.3	79.4	79.9	80.8	74.8	76.1	74.3	76.5	77.3
Adjusted gross income ²	Bil. dol.	297.2	400.3	610.3	880.4	898.3	1,004.4	1,097.7	1,241.2	1,399.4
Personal exemptions ³	Bil. dol.	81.2	91.9	107.0	136.8	123.8	128.0	126.0	132.1	180.6
65 years old and over.....	Million.....	(NA)	4.1	5.6	6.9	6.7	7.0	6.7	8.4	8.0
Taxpayers dependents.....	Million.....	(NA)	61.2	68.1	67.9	59.5	61.1	59.4	68.7	61.6
Income tax withheld.....	Bil. dol.	31.9	38.5	74.2	115.3	114.8	128.8	143.5	166.1	195.1
Nontaxable ⁴	Million.....	12.5	13.5	14.5	16.0	20.7	20.2	22.3	21.1	21.0
Percent of all returns.....	Percent.....	20.7	20.6	20.1	19.2	25.2	23.9	25.7	23.5	22.7
Returns with—										
Standard deduction.....	Million.....	36.9	39.3	38.4	53.2	55.5	58.2	⁵ 59.0	⁵ 59.7	⁵ 68.8
Itemized deductions.....	Million.....	24.1	27.9	35.4	29.6	26.1	26.0	22.9	25.8	26.5
Adjusted gross income.....	Bil. dol.	181.1	267.3	448.7	544.3	532.6	581.7	585.0	708.5	794.4
Deductions, total.....	Bil. dol.	35.3	50.7	88.2	119.4	122.3	139.8	138.5	164.4	182.9
Overpayments.....	Million.....	39.4	42.8	55.3	65.8	63.8	65.0	66.0	65.5	69.8
Tax due.....	Million.....	18.2	20.0	16.5	15.4	15.8	16.9	17.8	21.6	18.5
Statutory adjustments ⁶	Bil. dol.	(NA)	3.1	7.7	13.1	15.1	16.3	19.3	22.4	24.7
Taxable income ⁷	Bil. dol.	171.6	255.1	401.2	573.6	595.5	674.9	939.0	1,062.2	1,154.7
Percent of AGI.....	Percent.....	54.2	59.2	63.2	63.4	62.8	64.0	81.1	81.6	78.9
Income tax, total ⁸	Bil. dol.	39.5	49.5	83.9	123.6	124.5	141.8	159.8	188.2	213.8
Percent of AGI ⁹	Percent.....	13.3	12.1	13.7	14.0	13.9	14.1	14.6	14.5	14.6
Percent of taxable income ¹⁰	Percent.....	23.0	19.4	20.9	21.5	20.9	21.2	17.6	17.7	18.5
Average income per return ⁹	\$1,000.....	6.2	7.6	8.5	13.1	14.6	15.6	17.1	15.4	16.1
Average income tax per return ⁹	Dollar.....	821	922	1,415	1,836	2,025	2,201	2,482	2,740	2,986
Income tax per capita of total population.....	Dollar.....	219	256	413	585	584	661	738	849	971
Percent of total population filing returns ¹¹	Percent.....	54.4	54.8	57.2	60.3	59.3	60.1	60.4	60.6	62.6
Total credits.....	Bil. dol.	4	6	4	1.6	8.1	12.7	13.6	17.1	6.6
Income tax after credits.....	Bil. dol.	39.5	49.5	83.8	123.5	124.4	140.8	158.5	186.7	212.7
Self-employment tax.....	Bil. dol.	1	1.1	1.8	3.3	3.4	3.8	4.1	4.7	5.3
Total tax liability.....	Bil. dol.	40.3	50.6	85.8	127.0	127.9	145.7	164.0	193.2	219.2
SOURCES OF INCOME										
(total returns)										
Salaries and wages, gross.....	Bil. dol.	¹² 257.7	346.8	531.3	758.6	795.4	861.0	969.4	1,090.3	1,229.4
Percent of AGI.....	Percent.....	81.4	80.5	83.8	83.8	83.9	83.6	83.7	83.7	84.0
Interest.....	Bil. dol.	5.0	11.2	21.8	39.9	43.4	48.6	54.6	61.2	73.2
Business or profession, net ¹³	Bil. dol.	¹⁴ 22.1	25.2	31.0	39.0	39.4	44.5	49.5	53.5	55.8
Dividends ¹⁵	Bil. dol.	9.5	12.9	15.7	20.9	21.9	24.5	27.0	30.2	33.1
Pensions and annuities ¹⁶	Bil. dol.	1.6	3.6	7.9	16.7	20.9	24.6	29.2	32.7	37.2
Sales of capital assets ¹³	Bil. dol.	5.1	10.0	8.7	13.5	14.1	18.6	20.8	23.2	26.8
Partnerships ¹³	Bil. dol.	¹⁷ 9.2	¹⁷ 11.1	11.7	11.0	10.8	11.7	13.3	15.0	12.9
Rents ¹³	Bil. dol.	2.7	2.4	2.4	3.8	3.4	3.9	3.0	3.1	2.1
Farm ¹³	Bil. dol.	(14)	3.9	3.4	5.0	3.6	3.5	5	3.6	2.3
Estates and trusts ¹³	Bil. dol.	7	(18)	1.4	2.3	2.6	2.9	2.8	3.1	3.6
Small business corporation ¹³	Bil. dol.	(17)	(17)	1.7	2.6	2.1	1.9	2.0	2.3	2.3
Royalties ¹³	Bil. dol.	6	6	8	1.6	1.8	2.0	2.2	2.6	3.0
Other sources ^{13 19}	Bil. dol.	2.2	6.1	4.2	4.1	3.5	2.5	3.5	3.9	6.7

NA Not available. ¹ Through 1970, excludes returns with no adjusted income; thereafter includes returns with no adjusted income. ² 1960-1970, returns with adjusted gross income only. Beginning 1974, includes returns with adjusted gross income less deficit. ³ Exemptions: 1960 and 1965, \$600; 1970, \$625; 1974-1978, \$750; 1979, \$1,000. ⁴ Beginning 1974, includes returns with no adjusted income. ⁵ Beginning 1977, becomes zero bracket amount. ⁶ Comprises sick pay exclusion (for 1977 changed to disability exclusion), moving expense, self-employed retirement deduction and, beginning 1975, payments to an individual retirement account and forfeited interest penalty. ⁷ Represents adjusted gross income minus exemptions and deductions. Beginning 1977, includes the "zero bracket" amount and therefore is not comparable to taxable income shown for earlier years. ⁸ Income tax after credits. Beginning 1970, includes additional tax for tax preferences ("minimum tax"). ⁹ Only taxable returns counted in computing percent or average. ¹⁰ Beginning 1977, taxable income includes zero bracket amount, and therefore the percentage is not comparable to earlier years. ¹¹ Joint returns counted twice in computing percent. ¹² Represents salaries and wages after sick pay exclusion and certain employee business expenses. ¹³ Figures represent net income minus net loss. ¹⁴ Farm, net included with business or profession, net. ¹⁵ After exclusions. ¹⁶ Taxable portion. ¹⁷ Small business corporation included with partnerships. ¹⁸ Included in other sources. ¹⁹ Statutory adjustments are not included with other sources.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

No. 438. FEDERAL INDIVIDUAL INCOME TAX RETURNS WITH ADJUSTED GROSS INCOME: 1960 TO 1979

[In thousands of returns. See headnote, table 437]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979, est.
Total individual returns ¹	61,028	67,596	74,280	80,693	83,340	82,229	84,670	86,635	89,772	92,616
Returns with adjusted gross income.....	60,593	67,199	73,862	80,249	82,794	81,586	84,124	86,066	89,247	92,090
Under \$5,000.....	35,008	32,620	27,890	26,594	26,221	24,258	23,389	22,694	21,712	20,327
\$5,000-\$9,999.....	20,266	23,474	22,303	20,582	20,587	19,953	19,893	19,343	19,585	19,635
\$10,000-\$14,999.....	3,642	7,715	14,106	15,804	15,670	14,964	14,551	14,299	14,242	14,431
\$15,000-\$19,999.....	786	1,762	5,538	9,091	10,071	10,354	11,388	11,405	11,409	11,388
\$20,000-\$24,999.....	324		1,909	3,944	4,945	5,598	6,650	7,767	8,553	9,009
\$25,000-\$29,999.....			768	1,742	2,260	2,744	3,630	4,354	5,386	6,314
\$30,000-\$34,999.....	441	1,394	918	1,760	2,174	2,748	3,639	4,785	6,535	8,659
\$50,000-\$99,999.....	101	189	351	597	701	781	948	1,141	1,471	1,860
\$100,000-\$499,999.....	23	44	75	132	162	182	221	272	345	433
\$500,000-\$999,999.....	1	1	2	3	3	3	4	5	7	10
\$1,000,000 and over.....	(z)	1	1	1	1	1	1	2	2	4
Taxable returns.....	48,061	53,701	59,317	64,267	67,335	61,491	64,421	64,381	68,688	71,577
Under \$5,000.....	22,752	19,614	13,815	11,544	11,718	7,167	6,808	4,950	5,137	4,682
\$5,000-\$9,999.....	19,998	23,011	21,873	19,784	19,789	17,338	17,135	15,875	16,301	15,389
\$10,000-\$14,999.....	3,637	7,696	14,081	15,727	15,566	14,724	14,329	14,014	13,820	14,067
\$15,000-\$19,999.....	785	1,757	5,532	9,058	10,046	10,260	11,127	11,310	11,280	11,252
\$20,000-\$24,999.....	323		1,908	3,934	4,933	5,571	6,619	7,727	8,491	8,953
\$25,000-\$29,999.....			766	1,737	2,254	2,734	3,612	4,333	5,352	6,283
\$30,000-\$34,999.....	441	1,389	916	1,753	2,165	2,734	3,620	4,760	6,495	8,632
\$50,000-\$99,999.....	101	188	350	594	698	776	945	1,134	1,460	1,874
\$100,000-\$499,999.....	23	44	75	132	161	181	221	271	344	432
\$500,000-\$999,999.....	1	1	2	3	3	3	4	5	7	10
\$1,000,000 and over.....	(z)	1	1	1	1	1	1	2	2	4

Z Less than 500. ¹ See footnote 1, table 437.Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

No. 439. AVERAGE TAX OF TAXABLE INDIVIDUAL INCOME TAX RETURNS AND PERCENT TOTAL TAX OF TAXABLE INCOME, BY ADJUSTED GROSS INCOME CLASSES: 1960 TO 1979

ADJUSTED GROSS INCOME CLASS	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979, prel.
AVERAGE TAX										
Total (dol.).....	821	922	1,415	1,682	1,836	2,025	2,201	2,482	2,740	2,986
Under \$5,000 (\$1,000).....	.3	.2	.3	.2	.2	.1	.2	.1	.1	.1
\$5,000-\$9,999 (\$1,000).....	.8	.7	.8	.7	.7	.6	.6	.5	.5	.5
\$10,000-\$14,999 (\$1,000).....	1.7	1.4	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2
\$15,000-\$24,999 (\$1,000).....	3.3		2.7	2.5	2.5	2.4	2.4	2.4	2.5	2.4
\$25,000-\$29,999 (\$1,000).....			4.7	4.3	4.3	4.2	4.1	4.1	4.1	3.9
\$30,000-\$34,999 (\$1,000).....	8.2	3.7	7.8	7.0	6.9	6.7	6.7	6.6	6.6	6.3
\$50,000-\$99,999 (\$1,000).....	22.5	19.4	19.0	17.4	17.5	17.2	17.2	17.1	16.7	15.8
\$100,000-\$499,999 (\$1,000).....	68.9	63.0	60.6	56.3	57.2	56.3	57.8	57.7	57.4	57.0
\$500,000-\$999,999 (\$1,000).....	312	294	304	306	301	298	314	310	305	302
\$1,000,000 and over (\$1,000).....	951	967	992	935	969	987	1,069	1,045	988	1,123
PERCENT TOTAL TAX ¹ OF TAXABLE INCOME										
Total.....	23.0	19.5	20.9	21.2	21.6	21.1	21.2	² 17.6	18.3	19.0
Under \$5,000.....	19.9	15.3	15.8	15.3	15.4	12.8	12.5	4.4	4.2	4.0
\$5,000-\$9,999.....	20.4	16.3	17.2	16.8	16.9	15.3	14.3	8.6	8.8	9.0
\$10,000-\$14,999.....	21.4	17.6	18.4	17.8	18.0	17.0	16.1	11.8	11.3	12.3
\$15,000-\$24,999.....	24.2		20.4	19.5	19.6	18.8	18.3	15.1	15.2	15.2
\$25,000-\$29,999.....			23.1	21.9	21.9	21.2	20.9	18.1	18.1	17.5
\$30,000-\$34,999.....	30.8	22.1	27.0	25.0	25.0	24.4	24.4	21.9	21.7	21.0
\$50,000-\$99,999.....	42.0	35.8	36.1	33.6	33.6	33.3	33.6	31.5	30.9	29.9
\$100,000-\$499,999.....	53.7	47.7	49.8	46.2	46.1	45.7	46.7	45.1	44.5	43.9
\$500,000-\$999,999.....	59.0	53.7	62.5	61.2	60.0	59.1	62.2	60.5	59.1	57.5
\$1,000,000 and over.....	61.6	54.4	61.2	64.7	65.0	64.9	67.3	68.4	65.3	64.7

¹ Represents income tax after credits. Beginning 1970, includes additional tax for tax preferences ("minimum tax").² Not comparable to previous years because of change in definition of taxable income (see headnote, table 437, and footnote 2, table 440).Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

No. 440. INDIVIDUAL INCOME TAX RETURNS, BY ADJUSTED GROSS INCOME CLASSES: 1965 TO 1979

[Includes Puerto Rico and Virgin Islands. Based on sample of unaudited returns as filed; see Appendix III]

ADJUSTED GROSS INCOME CLASS	TOTAL (bil. dol.)						PERCENT DISTRIBUTION					
	1965	1970	1975	1977	1978	1979, prel.	1965	1970	1975	1977	1978	1979, prel.
ADJUSTED GROSS INCOME ¹												
Total.....	430.7	634.2	947.8	1,158.5	1,302.4	1,463.7	100.0	100.0	100.0	100.0	100.0	100.0
Taxable returns.....	409.4	610.3	898.3	1,097.7	1,241.2	1,399.4	95.0	96.2	94.8	94.8	95.3	95.6
Under \$5,000.....	59.5	47.2	26.9	19.4	19.6	18.4	13.8	7.4	2.8	1.7	1.5	1.3
\$5,000-\$9,999.....	167.4	162.9	129.9	120.0	122.4	117.0	38.9	25.7	13.7	10.4	9.4	8.0
\$10,000-\$14,999.....	91.6	171.6	182.8	173.7	171.6	174.4	21.3	27.1	19.3	15.0	13.2	11.9
\$15,000-\$19,999.....	29.8	94.4	177.4	196.4	196.6	196.3	6.9	14.9	18.7	17.0	15.1	13.4
\$20,000-\$24,999.....	39.5	42.1	123.7	172.3	189.6	200.2	9.2	6.6	13.1	14.9	14.6	13.7
\$25,000-\$29,999.....		20.8	74.3	118.2	145.9	171.6		3.3	7.8	10.2	11.2	11.7
\$30,000-\$49,999.....		34.0	99.7	173.8	237.5	316.4		5.4	10.5	15.0	18.2	21.6
\$50,000-\$99,999.....		12.4	23.0	51.2	74.5	95.6		2.9	3.6	5.4	6.4	7.3
\$100,000-\$499,999.....		7.1	11.7	27.9	42.3	54.1		1.7	1.9	2.9	3.6	4.2
\$500,000-\$999,999.....	.9	1.2	2.2	3.5	4.4	6.7	.2	.2	.2	.3	.3	.5
\$1,000,000 and over.....	1.4	1.4	2.3	3.6	4.1	7.8	.3	.2	.2	.3	.3	.5
Nontaxable returns.....	21.3	23.9	49.5	60.8	61.2	64.3	5.0	3.8	5.2	5.2	4.7	4.4
TAXABLE INCOME ²												
Total.....	255.1	401.2	595.5	939.0	1,062.2	1,154.7	100.0	100.0	100.0	100.0	100.0	100.0
Taxable returns.....	254.3	400.9	590.4	905.9	1,027.3	1,125.1	99.7	99.8	99.1	96.5	96.7	97.4
Under \$5,000.....	28.3	22.9	9.4	16.3	16.6	14.2	11.1	5.7	1.6	1.7	1.6	1.2
\$5,000-\$9,999.....	94.7	98.6	70.3	97.6	100.5	91.8	37.1	24.1	11.8	10.4	9.5	8.0
\$10,000-\$14,999.....	60.8	112.2	113.0	142.3	141.8	137.5	23.8	28.0	19.0	15.2	13.3	11.9
\$15,000-\$19,999.....	21.7	66.6	116.8	162.4	163.2	157.2	8.5	16.6	19.6	17.3	15.3	13.6
\$20,000-\$24,999.....	30.9	31.0	86.7	143.3	157.0	161.2	12.2	7.7	14.6	15.3	14.8	14.0
\$25,000-\$29,999.....		15.6	53.8	98.4	121.4	139.1		3.9	9.0	10.5	11.4	12.0
\$30,000-\$49,999.....		26.4	74.7	144.1	197.0	257.2		6.6	12.5	15.3	18.5	22.3
\$50,000-\$99,999.....		10.2	18.4	40.1	61.5	78.8		4.0	4.6	6.7	6.5	7.4
\$100,000-\$499,999.....		5.8	9.1	22.3	34.6	44.4		2.3	2.3	3.7	3.7	4.2
\$500,000-\$999,999.....	.8	.8	1.6	2.7	3.4	5.3	.3	.2	.3	.3	.3	.5
\$1,000,000 and over.....	1.1	1.0	1.7	2.7	3.1	6.1	.4	.2	.3	.3	.3	.5
Nontaxable returns.....	.7	.3	5.1	33.1	34.9	29.6	.3	.1	.9	3.5	3.3	2.6
INCOME TAX AFTER CREDITS ³												
Total.....	49.5	83.9	124.5	158.5	186.7	212.7	(X)	(X)	(X)	(X)	100.0	100.0
Taxable returns.....	49.5	83.9	124.5	158.5	186.7	212.7	100.0	100.0	100.0	100.0	100.0	100.0
Under \$5,000.....	4.4	3.6	1.2	.7	.6	.5	8.9	4.3	1.0	.4	.3	.2
\$5,000-\$9,999.....	15.4	16.7	10.7	8.4	8.8	8.3	31.2	19.9	8.6	5.3	4.7	3.9
\$10,000-\$14,999.....	10.7	20.6	19.2	16.8	17.1	16.9	21.6	24.6	15.4	10.6	9.2	8.0
\$15,000-\$19,999.....	4.2	13.2	21.2	22.9	23.4	22.6	8.5	15.7	17.0	14.5	12.5	10.6
\$20,000-\$24,999.....	7.4	6.7	17.0	23.0	25.3	25.7	15.0	8.0	13.7	14.5	13.6	12.1
\$25,000-\$29,999.....		3.6	11.4	17.7	21.9	24.4		4.3	9.2	11.2	11.7	11.5
\$30,000-\$49,999.....		7.1	18.2	31.3	42.5	53.8		8.5	14.6	19.8	22.8	25.3
\$50,000-\$99,999.....		3.7	6.6	13.4	19.1	24.0		7.5	7.9	10.8	12.0	12.9
\$100,000-\$499,999.....		2.8	4.5	10.2	15.2	19.2		5.7	5.4	8.2	9.6	10.3
\$500,000-\$999,999.....	.4	.5	1.0	1.5	1.9	3.0	.8	.6	.8	1.0	1.0	1.4
\$1,000,000 and over.....	.6	.6	1.1	1.7	1.9	3.9	1.2	.8	.9	1.1	1.0	1.8

X Not applicable. ¹ Beginning 1975, adjusted gross income less deficit. ² Represents adjusted gross income minus exemptions and deductions. Beginning 1977, includes the "zero bracket" amount and therefore is not comparable to taxable income shown for earlier years. ³ Beginning 1970, includes minimum tax.

No. 441. NONTAXABLE INDIVIDUAL INCOME TAX RETURNS—NUMBER OF RETURNS AND AMOUNT OF ADJUSTED GROSS INCOME: 1970 TO 1979

ADJUSTED GROSS INCOME CLASS ¹	NUMBER OF RETURNS (1,000)					ADJUSTED GROSS INCOME (mil. dol.)				
	1970	1975	1977	1978	1979, prel.	1970	1975	1977	1978	1979, prel.
Total.....	14,962	20,739	22,254	21,083	21,039	21,421	49,470	60,788	61,245	64,273
Under \$5,000.....	14,493	17,735	18,313	17,100	16,171	17,968	26,433	30,184	27,937	25,452
\$5,000-\$9,999.....	430	2,615	3,468	3,284	4,246	2,717	16,680	22,681	21,432	28,585
\$10,000-\$14,999.....	25	239	285	422	364	295	2,867	3,394	4,977	4,317
\$15,000-\$19,999.....	9	120	135	191	192	171	2,177	2,521	3,580	3,574
\$25,000-\$49,999.....	4	23	46	74	58	121	776	1,497	2,433	1,806
\$50,000 or more.....	1	6	7	12	8	149	539	510	886	538

¹ Adjusted gross income less deficit.Source of tables 440 and 441: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

NO. 442. FEDERAL INDIVIDUAL INCOME TAX—EFFECTIVE (AVERAGE) AND MARGINAL TAX RATES, FOR SELECTED INCOME GROUPS: 1954 TO 1980

[Refers to income after exclusions. Effective rate represents tax liability divided by stated income. The marginal tax rate is the percentage of the first additional dollar of income which would be paid in income tax. Computations assume the low income allowance, standard deduction, zero bracket amount, or itemized deductions equal to 10 percent of adjusted gross income, whichever is greatest. Excludes self-employment tax. See *Historical Statistics, Colonial Times to 1970*, series Y 412-439, for similar data based on net income]

ADJUSTED GROSS INCOME ¹	EFFECTIVE RATE (percent)						MARGINAL TAX RATE (percent)					
	1954-1963	1965	1970 ²	1975	1977-1978	1979-1980 ³	1954-1963	1965	1970 ²	1975	1977-1978	1979-1980 ³
Single person, no dependent:												
\$5,000.....	16.4	13.4	13.7	8.1	5.6	5.0	22	19	19.5	19	19	16
\$10,000.....	21.0	17.4	17.3	14.8	12.2	11.8	34	28	25.6	20.2	24	21
\$15,000.....	25.2	21.0	19.7	17.2	16.4	15.6	43	36	29.7	27	29	26
\$20,000.....	29.5	24.6	22.0	20.6	20.0	19.2	50	42	34.8	34	34	34
\$25,000.....	33.3	27.9	24.4	23.5	22.9	21.9	56	48	39.0	38	38	39
\$35,000.....	39.4	33.2	28.7	27.7	27.3	26.3	62	53	46.1	45	45	44
\$50,000.....	45.6	38.5	34.5	33.4	33.1	32.1	72	60	61.5	60	60	55
\$75,000.....	52.9	44.3	42.1	40.9	40.7	39.3	78	64	65.6	64	64	63
Married couple, no dependent:												
\$5,000.....	13.2	10.0	10.0	3.4	-	-	20	17	17.8	15	14	-
\$10,000.....	16.4	13.4	13.7	10.5	7.6	7.0	22	19	19.5	19	17	18
\$15,000.....	18.7	15.6	15.9	13.3	11.4	10.9	30	25	25.6	18.5	22	21
\$20,000.....	21.0	17.4	17.8	15.8	14.5	13.7	34	28	28.7	25	25	24
\$25,000.....	23.1	19.2	19.6	18.4	17.2	16.2	38	32	32.8	32	32	28
\$35,000.....	27.4	22.8	23.4	22.3	22.0	20.9	47	39	40.0	39	39	37
\$50,000.....	33.3	27.9	28.6	27.5	27.3	26.0	56	48	49.2	48	48	49
\$75,000.....	40.6	34.2	35.1	33.9	33.8	32.6	65	55	56.4	55	55	54
Married couple, 2 dependents:												
\$5,000.....	8.4	5.8	5.8	⁴ -6.0	⁴ -6.0	⁴ -10.0	20	15	15	⁴ 10	⁴ 10	-
\$10,000.....	13.7	11.1	11.2	7.1	4.5	3.7	22	19	19.5	19	17	16
\$15,000.....	16.6	13.7	13.9	10.7	9.2	8.3	26	22	22.6	18.5	20	18
\$20,000.....	19.0	15.8	16.1	13.7	12.6	11.3	30	25	25.6	25	25	24
\$25,000.....	21.3	17.6	18.0	16.4	15.5	14.0	39	32	28.7	28	28	28
\$35,000.....	25.8	21.5	21.9	20.5	20.3	18.8	47	39	40.0	39	39	37
\$50,000.....	32.0	26.8	27.3	26.0	25.8	24.2	56	48	49.2	48	48	43
\$75,000.....	39.5	33.4	34.1	32.8	32.7	31.2	65	55	56.4	55	55	54

- Represents zero. ¹ See headnote, table 437. ² Includes tax surcharge. ³ 1981 tax liability and tax rates are 98.75 percent of the 1980 rates. ⁴ Refundable earned income credit.

NO. 443. FEDERAL INDIVIDUAL INCOME TAX AT CONSTANT (1980) INCOME LEVELS—EFFECTIVE (AVERAGE) AND MARGINAL TAX RATES, FOR SELECTED INCOME GROUPS: 1960 TO 1980

[See headnote, table 442]

ADJUSTED GROSS INCOME (in 1980 dollars) ¹	EFFECTIVE RATE (percent)						MARGINAL TAX RATE (percent)					
	1960	1970 ²	1975	1978	1979	1980	1960	1970 ²	1975	1978	1979	1980
Single person, no dependents:												
\$5,000.....	12.0	7.5	4.0	3.5	3.9	5.0	20	16.8	16	16	16	16
\$10,000.....	15.5	13.8	11.4	10.5	10.9	11.8	22	21.5	21	21	19	21
\$15,000.....	17.5	15.8	15.0	14.4	14.6	15.6	26	24.6	21	25	24	26
\$20,000.....	19.3	17.0	16.7	17.7	17.9	19.2	30	25.6	22.7	29	30	34
\$25,000.....	21.0	18.7	19.0	20.6	20.9	21.9	34	27.7	31	34	34	39
\$35,000.....	24.4	21.1	23.2	24.7	24.9	26.3	43	31.8	38	40	44	44
\$50,000.....	29.6	24.8	27.7	30.0	30.0	32.1	50	41.0	45	50	55	55
\$75,000.....	36.7	30.2	34.4	37.5	37.5	39.1	62	51.2	60	62	63	63
Married couple, no dependents:												
\$5,000.....	6.1	1.9	-	-	-	-	20	14	-	-	-	-
\$10,000.....	12.0	10.2	7.0	5.8	6.0	7.0	20	17.8	19	15	16	18
\$15,000.....	14.1	12.5	10.9	9.5	9.9	10.9	22	19.5	22	17	18	21
\$20,000.....	15.5	13.8	13.0	12.4	12.7	13.7	22	22.6	21	22	24	24
\$25,000.....	16.4	15.1	14.6	15.0	15.0	16.2	22	22.6	28	28	28	28
\$35,000.....	18.3	17.1	18.2	19.4	19.4	20.9	26	25.6	36	36	32	32
\$50,000.....	21.0	19.9	22.3	24.4	24.7	26.0	34	32.8	42	45	43	49
\$75,000.....	25.3	24.7	28.3	30.9	31.0	32.6	43	43.0	53	53	54	54
Married couple, 2 dependents:												
\$5,000.....	6.1	-	³ -10	³ -9.2	³ -10	³ -10	-	-	³ -10	³ 10	³ -10	-
\$10,000.....	10.0	9.4	³ 1.2	2.1	³ 1.4	3.7	20	16.8	³ 26	22	³ 26.5	16
\$15,000.....	12.2	11.4	10.2	10.5	10.3	11.3	20	19.5	19	25	18	18
\$20,000.....	13.7	12.9	12.1	13.1	12.8	14.0	22	19.5	18.5	28	21	24
\$25,000.....	16.1	15.3	16.1	17.7	17.4	18.8	22	22.6	22	32	24	28
\$35,000.....	19.0	18.3	20.5	22.9	22.8	24.2	26	25.6	28	39	32	37
\$50,000.....	23.6	23.3	26.8	29.7	29.4	31.2	43	32.8	39	48	43	44
\$75,000.....	23.6	23.3	26.8	29.7	29.4	31.2	43	43.0	50	53	54	54

- Represents zero. ¹ Amount of adjusted gross income equivalent to adjusted gross income in 1980 dollars was calculated by using the NIPA personal consumption expenditure deflator (1972=100). The values of the deflators are: 1960, 71.9; 1970, 92.5; 1975, 149.1; 1979, 162.3; and 1980, 178.9. ² Includes tax surcharge. ³ Refundable earned income credit.

Source of tables 442 and 443: U.S. Dept. of the Treasury, unpublished data.

NO. 444. FEDERAL INDIVIDUAL INCOME TAX RETURNS AND TAXES 1970 TO 1979—STATES AND OTHER AREAS: 1979

[1970 data differ somewhat from those in other tables for individual returns with income because of a distinct weighting system for State data]

YEAR AND STATE	Number of returns (1,000)	Adjusted gross income ¹ (mil. dol.)	Total income tax (mil. dol.)	Income tax per capita (dol.)	STATE OR OTHER AREA	Number of returns (1,000)	Adjusted gross income ¹ (mil. dol.)	Total income tax (mil. dol.)	Income tax per capita (dol.)
1970	74,278	631,626	83,880	412	S.A.—Con.				
1975	82,229	947,785	124,526	585	Va	2,185	34,597	4,954	953
1979, prel	92,616	1,463,667	213,754	971	W. Va	667	10,054	1,432	762
N.E.	5,361	83,862	12,363	1,006	N.C.	2,315	31,469	3,985	711
Maine	459	5,822	702	640	S.C.	1,165	15,646	1,904	650
N.H.	420	6,110	854	963	Ga.	2,084	29,192	3,771	737
Vt.	196	2,595	325	659	Fla.	3,929	57,109	6,513	961
Mass.	2,510	38,797	5,596	970	E.S.C.	5,269	72,905	9,592	680
R.I.	409	5,997	830	893	Ky.	1,310	18,702	2,516	713
Conn.	1,367	24,541	4,056	1,302	Tenn.	1,751	24,185	3,297	753
M.A.	15,107	247,221	36,779	1,002	Ala.	1,369	19,031	2,447	649
N.Y.	7,145	117,474	17,088	968	Miss.	839	10,987	1,332	548
N.J.	3,147	55,114	8,700	1,187	W.S.C.	9,062	141,167	21,678	965
Pa.	4,815	74,633	10,991	937	Ark.	802	10,368	1,312	602
E.N.C.	17,365	288,526	43,801	1,061	La.	1,525	23,225	3,451	859
Ohio.	4,511	72,424	10,860	1,012	Okl.	1,146	17,352	2,454	848
Ind.	2,225	35,131	5,276	977	Tex.	5,589	90,222	14,461	1,081
Ill.	4,896	84,408	13,491	1,201	Mt.	4,634	69,767	9,836	903
Mich.	3,764	65,992	10,023	1,089	Mont.	321	4,482	585	744
Wis.	1,969	30,571	4,151	879	Idaho	354	4,920	806	670
W.N.C.	7,115	108,360	15,123	883	Wyo.	204	3,494	555	1,234
Minn.	1,727	27,051	3,720	916	Colo.	1,283	20,231	2,918	1,026
Iowa.	1,201	18,503	2,560	882	N. Mex.	511	6,899	901	753
Mo.	1,969	29,989	4,349	893	Ariz.	1,074	15,818	2,154	879
N. Dak.	273	3,742	473	719	Utah.	528	7,983	966	707
S. Dak.	287	3,527	429	623	Nev.	369	5,939	951	1,355
Nebr.	663	9,769	1,317	837	Pac.	13,495	226,405	33,299	1,093
Kans.	995	15,779	2,275	961	Wash.	1,753	29,402	4,590	1,169
S.A.	14,733	218,718	30,723	878	Oreg.	1,101	17,071	2,373	939
Del.	250	4,200	636	1,092	Calif.	10,040	169,609	24,793	1,092
Md.	1,821	31,292	4,683	1,129	Alaska.	188	3,841	644	1,585
D.C.	317	5,159	845	1,289	Hawaii.	413	6,482	899	983
					Other ²	474	6,732	757	(NA)

NA Not available. ¹ Less deficit. ² Returns with addresses outside the United States.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

NO. 445. INDIVIDUAL INCOME TAX RETURNS WITH ITEMIZED DEDUCTIONS, BY ADJUSTED GROSS INCOME CLASSES: 1979

[See headnote, table 437]

ADJUSTED GROSS INCOME CLASS	Returns with itemized deductions (1,000)	Adjusted gross income (bil. dol.)	Taxable income (bil. dol.)	ITEMIZED DEDUCTIONS							
				Total itemized deductions ¹ (bil. dol.)	Percent of—		Taxes (bil. dol.)	Interest paid (bil. dol.)		Contributions (bil. dol.)	Medical and dental expenses (bil. dol.)
					Adjusted gross income	Taxable income		Total	Home mortgage		
Total.....	26,482	794.4	611.2	182.9	23.0	29.9	60.6	73.6	48.3	22.1	12.8
Taxable returns.....	25,423	783.9	607.9	175.0	22.3	28.8	59.3	70.4	46.2	21.5	10.7
Under \$4,000	161	.4	.5	.1	25.0	20.0	(2)	(2)	(2)	(2)	(2)
\$4,000—\$5,999	125	.7	.5	.3	42.9	60.0	.1	.1	.1	(2)	.1
\$6,000—\$9,999	739	6.2	4.1	2.6	41.9	63.4	.6	1.0	.7	.3	.5
\$10,000—\$13,999	1,796	21.9	14.6	7.8	35.6	53.4	1.9	3.1	2.1	.9	1.3
\$14,000—\$19,999	4,433	76.3	54.6	21.9	28.7	40.1	6.1	9.6	6.7	2.3	2.2
\$20,000—\$24,999	4,640	104.5	78.5	25.6	24.5	32.6	7.9	11.5	8.0	2.5	1.8
\$25,000—\$29,999	4,230	115.9	89.6	25.7	22.2	28.7	8.7	11.2	7.7	2.6	1.5
\$30,000—\$49,999	7,120	263.0	208.4	53.6	20.3	25.7	19.5	21.7	14.8	6.1	2.4
\$50,000—\$99,999	1,748	114.0	91.7	22.0	19.3	24.1	8.8	8.0	4.7	3.0	.7
\$100,000 and over	432	81.0	65.4	15.4	19.0	23.5	5.8	4.4	1.3	3.8	.3
Nontaxable returns.....	1,058	10.5	3.3	7.9	75.2	239.4	1.3	3.2	2.1	.7	2.1

Z Less than \$50 million. ¹ Includes others not shown separately.

Source: U.S. Internal Revenue Service, *Statistics of Income, 1979, Individual Income Tax Returns*.

NO. 446. FEDERAL INDIVIDUAL INCOME TAX RETURNS—ADJUSTED GROSS INCOME, BY SOURCE OF INCOME AND INCOME CLASS: 1979

[In millions of dollars, except percent. Minus sign (–) denotes that net loss was greater than net income. See headnote, table 437]

ITEM	Total income ¹	ADJUSTED GROSS INCOME CLASSES FOR TAXABLE RETURNS						
		Total ²	Under \$10,000 ²	\$10,000–\$24,999	\$25,000–\$49,999	\$50,000–\$99,999	\$100,000–\$199,999	\$200,000 and over
SOURCE OF INCOME								
Adjusted gross income	1,463,667	1,399,394	135,392	570,925	488,027	121,976	46,431	36,643
Salaries, gross	1,229,354	1,170,642	114,822	508,138	425,553	81,909	26,961	13,260
Percent of gross income	84.0	83.7	84.8	89.0	87.2	67.2	58.1	36.2
Interest	73,218	66,981	9,815	23,820	19,019	8,464	3,261	2,602
Business profession, net	55,829	54,057	2,408	14,490	18,539	12,846	3,868	1,907
Dividends	33,078	32,009	1,690	5,488	7,102	6,246	4,548	6,935
Pensions and annuities ³	37,182	33,404	6,286	16,433	8,517	1,661	355	152
Sales of capital assets, ⁴ net	27,719	26,035	985	3,775	5,774	4,481	3,149	7,870
Partnership, net	12,899	14,041	–131	2,096	3,235	4,645	2,585	1,611
Farm, net	2,318	4,051	–128	616	2,346	1,096	213	–92
Rents and royalties, net	5,160	5,626	525	825	891	1,377	966	1,041
Other sources, ⁵ net	–13,090	–7,452	–880	–4,756	–2,949	–749	525	1,357
PERCENT DISTRIBUTION								
Income tax returns	100.0	77.3	21.7	37.0	16.1	2.0	.4	.1
Adjusted gross income	100.0	95.6	9.3	39.0	33.3	8.3	3.2	2.5
Salaries, gross	100.0	95.2	9.3	41.3	34.6	6.7	2.2	1.1
Interest	100.0	91.5	13.4	32.5	26.0	11.6	4.5	3.6
Business profession, net	100.0	96.8	4.3	26.0	33.2	23.0	6.9	3.4
Dividends	100.0	96.8	5.1	16.6	21.5	18.9	13.8	21.0
Pensions and annuities ³	100.0	89.8	16.9	44.2	22.9	4.5	1.0	.4
Sales of capital assets, ⁴ net	100.0	93.9	3.6	13.6	20.8	16.2	11.4	28.4
Partnership, net	100.0	108.9	–1.0	16.3	25.1	36.0	20.0	12.5
Farm, net	100.0	174.8	–5.5	26.6	101.2	47.3	9.2	–4.0
Rents and royalties, net	100.0	109.0	10.2	16.0	17.3	26.7	18.7	20.2

¹ Includes returns with no adjusted gross income.

² Includes a small number of taxable returns with no adjusted gross income.

³ Taxable portion.

⁴ Includes net sales of property other than capital assets (\$909 mil. in 1979).

⁵ Includes statutory adjustments.

Source: U.S. Internal Revenue Service, *Statistics of Income, 1979, Individual Income Tax Returns*.

NO. 447. FEDERAL INDIVIDUAL INCOME AND EMPLOYMENT TAX RECEIPTS—STATES: 1978 TO 1980

[For years ending Sept. 30. A State's receipts do not necessarily indicate its tax burden since, in many instances, taxes are collected in one State from residents of another]

DIVISION AND STATE	TAX RECEIPTS (mil. dol.)			PERCENT OF PERSONAL INCOME ¹			DIVISION AND STATE	TAX RECEIPTS (mil. dol.)			PERCENT OF PERSONAL INCOME ¹		
	1978	1979	1980	1978	1979	1980		1978	1979	1980	1978	1979	1980
Total ²	310,350	364,396	415,878	18.1	18.8	19.2	S.A.—Con.						
N.E.	17,086	19,909	24,028	17.4	18.0	19.2	W. Va.	1,323	1,525	1,706	10.8	10.9	11.2
Maine	834	969	1,100	11.8	12.2	12.3	N.C.	5,010	5,933	6,864	13.6	14.4	14.9
N.H.	868	1,042	1,209	13.4	14.0	14.3	S.C.	2,163	2,561	2,962	11.9	12.6	13.0
Vt.	340	441	491	10.7	12.3	12.2	Ga.	4,898	5,725	6,810	14.0	14.5	15.4
Mass.	7,762	9,065	10,799	16.9	17.5	18.5	Fla.	8,843	10,884	13,262	13.4	14.3	15.0
R.I.	1,398	1,487	1,652	18.8	18.5	18.4	E.S.C.	11,083	12,979	14,713	12.5	13.1	13.5
Conn.	5,944	6,904	8,777	21.1	21.5	24.0	Ky.	2,844	3,312	3,731	12.4	12.9	13.4
M.A.	65,210	73,334	84,259	21.6	21.9	22.6	Tenn.	3,992	4,691	5,395	14.0	14.6	15.2
N.Y.	35,132	39,978	45,235	24.0	24.1	25.0	Ala.	2,983	3,466	3,868	12.6	13.1	13.2
N.J.	11,476	13,659	15,490	17.7	19.0	19.2	Miss.	1,264	1,509	1,719	9.3	9.9	10.3
Pa.	18,602	20,697	23,534	20.5	20.4	21.0	W.S.C.	26,316	32,731	38,250	16.2	17.4	17.7
E.N.C.	70,659	83,006	90,186	20.9	22.0	22.1	Ark.	1,441	1,677	1,892	10.7	10.9	11.4
Ohio.	17,782	21,535	22,523	21.1	22.9	22.0	La.	3,876	4,567	5,563	14.3	14.7	15.6
Ind.	7,292	9,273	9,164	17.7	18.1	18.6	Okl.	3,122	3,742	5,087	15.0	15.5	18.4
Ill.	23,186	25,599	29,206	23.1	23.1	24.3	Tex.	17,877	22,755	25,708	17.7	19.3	18.9
Mich.	16,810	20,815	21,602	21.7	24.1	23.4	Mt.	12,441	14,858	17,382	15.9	16.4	17.0
Wis.	5,789	6,784	7,686	16.4	16.8	17.4	Mont.	822	726	818	11.0	11.7	12.2
W.N.C.	23,444	27,897	32,019	17.9	18.9	19.9	Idaho.	996	1,137	1,297	16.0	16.3	17.0
Minn.	6,891	8,261	9,651	21.7	22.9	24.3	Wyo.	430	529	653	11.7	11.9	12.7
Iowa.	2,860	3,354	3,722	12.2	13.3	13.6	Colo.	5,016	5,911	6,913	22.8	23.2	23.8
Mo.	7,900	9,315	10,626	22.3	23.1	24.0	N. Mex.	926	1,095	1,272	11.5	12.0	12.4
N. Dak.	561	673	747	11.2	12.4	13.1	Ariz.	2,293	2,817	3,342	13.1	13.4	14.0
S. Dak.	499	589	654	10.8	11.4	12.1	Utah.	1,163	1,387	1,601	13.3	13.9	14.3
Nebr.	2,007	2,472	2,791	16.8	18.3	18.9	Nev.	995	1,254	1,487	15.7	16.8	17.3
Kans.	2,726	3,233	3,828	14.5	14.9	16.2	Pac.	43,361	51,801	61,087	16.5	17.1	17.9
S.A.	37,932	44,981	52,284	14.8	15.6	16.1	Wash.	5,095	6,367	7,410	15.5	16.7	17.4
Del.	1,367	1,555	1,792	27.8	28.4	29.0	Oreg.	3,180	3,869	3,898	16.2	17.3	15.9
Md. and D.C.	9,410	10,960	12,176	22.5	23.5	23.5	Calif.	33,344	39,606	47,531	16.8	17.3	18.3
Va.	4,918	5,838	6,712	22.2	23.0	23.3	Alaska	710	737	824	16.3	16.1	16.0
							Hawaii.	1,032	1,221	1,423	13.4	14.1	14.6

¹ See table 714 for base data.

² Includes Puerto Rico, international operations, and unallocated receipts and credits.

Source: U.S. Internal Revenue Service, *Annual Report of the Commissioner*.

NO. 448. CORPORATION INCOME TAX RETURNS—SUMMARY: 1960 TO 1977

[Estimates based on samples; see Appendix III. All data based on returns for periods ending between July 1 of year shown and June 30 of following year, as filed. All corporations are required to file returns except those specifically exempt, such as fraternal, civic, and charitable organizations not operating for profit. See source for changes in law affecting comparability of historical data. Corporate data based on income tax returns appear in Section 18. See also *Historical Statistics, Colonial Times to 1970*, series Y 381-392.]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977
Number of returns	1,000	1,188	1,490	1,747	1,890	1,981	2,043	2,100	2,159	2,329
Active corporations	1,000	1,141	1,424	1,665	1,813	1,905	1,966	2,024	2,082	2,242
With net income	1,000	670	915	1,008	1,140	1,203	1,207	1,226	1,274	1,425
Without net income	1,000	470	509	657	673	702	759	797	809	817
Inactive corporations	1,000	47	66	82	74	76	77	76	77	87
Total deductions ¹	Bil. dol.	849	1,195	1,751	2,171	2,558	3,090	3,199	3,635	4,128
Total receipts	Bil. dol.	805	1,120	1,683	2,072	2,435	2,942	3,053	3,449	3,909
Net income	Bil. dol.	50	81	84	113	138	171	169	210	245
Net income less deficit ²	Bil. dol.	44	74	66	97	120	146	143	185	219
Income subject to tax	Bil. dol.	42	71	72	95	116	144	147	183	213
Income tax, total	Bil. dol.	23	32	33	43	52	66	66	83	96
Foreign tax credit	Bil. dol.	1	3	5	6	10	21	20	24	26
Investment credit	Bil. dol.	(x)	2	1	3	4	4	6	9	11
Tax after credits ³	Bil. dol.	22	27	28	34	39	41	40	50	57

X. Not applicable. ¹ Consists of business receipts, taxable and nontaxable interest, rents, royalties, net gain from capital assets (as defined by law) and other property, dividends, and other taxable income. Includes nontaxable interest. ² Net income (less deficit) is a tax concept and therefore excludes wholly tax-exempt interest; beginning 1965, includes constructive taxable income from related foreign corporations. ³ Tax liability is after deduction for foreign tax credit. Beginning 1965, data are after investment credit; beginning 1972, after work incentive (WIN) credit; beginning 1976, after U.S. possessions tax credit; and beginning 1977, after new jobs credit. Beginning 1965, includes tax from recomputing prior year investment credit; 1970 includes tax surcharge; 1970-1975, includes additional tax for tax preferences; beginning 1973, includes tax from recomputing prior-year work incentive (WIN) credit; and beginning 1976 includes tax credit for outlying areas.

NO. 449. CORPORATION INCOME TAX RETURNS—SELECTED ITEMS, BY ASSET-SIZE CLASS: 1970 TO 1977

[See headnote, table 448. See also *Historical Statistics, Colonial Times to 1970*, series V 108, 129, 136, 137, and 182-196.]

ASSET SIZE CLASS	Number of returns ¹ (1,000)	Total receipts (bil. dol.)	Income subject to tax (bil. dol.)	TAX ² (bil. dol.)		PERCENT DISTRIBUTION		
				Before credits	After credits	Number of returns	Receipts	Tax after credits
1970: Total	1,665	1,750.7	72.4	33.3	27.9	100.0	100.0	100.0
Under \$500,000 ³	1,467	321.8	7.7	2.4	2.3	88.1	18.4	8.2
\$500,000-\$999,999	93	117.8	3.0	1.2	1.2	5.6	6.7	4.3
\$1,000,000-\$4,999,999	74	214.2	7.0	3.2	3.1	4.4	12.2	11.1
\$5,000,000-\$9,999,999	13	77.8	2.9	1.4	1.4	.8	4.4	5.0
\$10,000,000-\$49,999,999	14	158.6	6.7	3.2	3.0	.8	9.1	10.8
\$50,000,000-\$99,999,999	2	73.4	3.1	1.5	1.4	.1	4.2	5.0
\$100,000,000 and over	3	787.2	42.0	20.5	15.4	.2	45.0	55.2
1975: Total	2,024	3,198.6	+ 146.6	66.1	39.7	100.0	100.0	100.0
Under \$500,000 ³	1,760	434.1	10.1	2.6	2.3	87.0	13.6	5.8
\$500,000-\$999,999	123	181.9	4.7	1.6	1.5	6.1	5.7	3.8
\$1,000,000-\$4,999,999	101	384.7	12.0	5.1	4.7	5.0	12.0	11.8
\$5,000,000-\$9,999,999	15	131.9	5.1	2.3	2.2	.7	4.1	5.6
\$10,000,000-\$49,999,999	18	281.9	11.8	5.5	5.0	.9	8.8	12.6
\$50,000,000-\$99,999,999	3	140.5	5.4	2.6	2.2	.1	4.4	5.6
\$100,000,000 and over	4	1,643.6	97.3	46.4	21.8	.2	51.4	54.2
1976: Total	2,082	3,635.5	+ 183.5	83.3	49.8	100.0	100.0	100.0
Under \$500,000 ³	1,799	474.6	10.8	2.8	2.3	86.4	13.1	4.8
\$500,000-\$999,999	130	200.8	5.0	1.7	1.5	6.2	5.5	3.0
\$1,000,000-\$4,999,999	111	443.2	13.3	5.6	5.1	5.3	12.2	10.2
\$5,000,000-\$9,999,999	16	152.4	5.9	2.7	2.4	.8	4.2	4.8
\$10,000,000-\$49,999,999	19	313.0	14.0	6.5	5.7	.9	8.6	11.4
\$50,000,000-\$99,999,999	3	145.6	6.2	2.9	2.5	.2	4.0	5.0
\$100,000,000 and over	4	1,905.9	128.3	61.1	30.3	.2	52.4	60.8
1977: Total	2,242	4,128.3	+ 212.5	96.3	56.7	100.0	100.0	100.0
Under \$500,000 ³	1,921	516.9	13.1	3.5	2.5	85.7	12.5	4.4
\$500,000-\$999,999	144	221.1	6.0	2.0	1.5	6.4	5.4	2.7
\$1,000,000-\$4,999,999	130	537.5	16.4	6.9	5.7	5.8	13.0	10.0
\$5,000,000-\$9,999,999	18	181.9	6.9	3.2	2.7	.8	4.4	4.7
\$10,000,000-\$49,999,999	20	348.3	15.8	7.4	6.2	.9	8.4	10.9
\$50,000,000-\$99,999,999	4	160.8	7.3	3.4	2.8	.2	3.9	4.9
\$100,000,000 and over	5	2,161.9	147.0	70.0	35.4	.2	52.4	62.4

¹ Active corporations. ² Before (after) deduction of foreign tax credit, investment credit; beginning 1975, work incentive (WIN) credit; beginning 1976, U.S. possessions tax credit; and, beginning 1977, new jobs credit. Includes tax from recomputing prior-year investment credit and, beginning 1970, additional tax for tax preferences. Beginning 1975, includes tax from recomputing prior year work incentive (WIN) credit. ³ Includes corporations with zero assets. ⁴ Excludes tax preference items upon which additional tax for tax preferences is based.

Source of tables 448 and 449. U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual.

Federal Government Finances and Employment

NO. 450. PUBLIC DEBT OF THE FEDERAL GOVERNMENT: 1900 TO 1980

[Through 1976, as of June 30 except as noted; beginning 1977, as of Sept. 30. Total public debt is restricted to borrowing by the Treasury and the value of savings bonds at current redemption value. See table 416 for "gross Federal debt." For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (—) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series Y 461, 493, and 494]

YEAR	GROSS DEBT			INTEREST PAID		YEAR	GROSS DEBT			INTEREST PAID	
	Total ¹ (bil. dol.)	Average annual percent change ²	Per cap- ita ³ (dol.)	Total (bil. dol.)	Percent of Federal out- lays ⁴		Total ¹ (bil. dol.)	Average annual percent change ²	Per cap- ita ³ (dol.)	Total (bil. dol.)	Percent of Federal out- lays ⁴
1900.....	1.3	2.9	\$17	(2)	7.7	1965.....	313.8	1.9	1,613	11.3	9.5
1905.....	1.1	-2.2	14	(2)	4.3	1966.....	316.1	.7	1,605	12.0	8.9
1910.....	1.1	.3	12	(2)	3.1	1967.....	322.9	2.2	1,622	13.4	8.5
1915.....	1.2	.6	12	(2)	3.0	1968.....	345.4	7.0	1,717	14.6	8.2
1920.....	24.3	80.0	228	1.0	15.9	1969.....	352.9	2.2	1,737	16.6	9.0
1925.....	20.5	-3.3	177	.9	28.8	1970.....	370.1	4.9	1,807	19.3	9.8
1930.....	16.2	-4.6	132	.7	19.2	1971.....	397.3	7.4	1,919	21.0	9.9
1935.....	28.7	12.1	226	.8	12.6	1972.....	426.4	7.3	2,042	21.8	9.4
1940.....	43.0	8.4	325	1.0	11.5	1973.....	457.3	7.2	2,174	24.2	9.8
1945.....	258.7	43.0	1,849	3.8	3.7	1974.....	474.2	3.7	2,238	29.3	10.9
1950.....	256.1	-.1	1,688	5.7	14.5	1975.....	533.2	12.4	2,496	32.7	10.1
1955.....	272.8	1.3	1,651	6.4	9.3	1976.....	620.4	16.4	2,884	37.1	10.1
1960.....	284.1	.9	1,572	9.2	10.0	1977.....	694.7	(X)	2,951	41.1	8.6
1961.....	286.4	.9	1,559	9.0	9.2	1978.....	698.8	10.1	3,216	41.9	10.4
1962.....	295.4	3.1	1,582	9.1	8.5	1979.....	771.5	10.4	3,522	48.7	10.8
1963.....	302.7	2.5	1,598	9.9	8.9	1980.....	826.5	7.1	3,740	59.8	12.1
1964.....	308.1	1.8	1,604	10.7	9.0		907.7	9.8	4,063	74.9	12.9

X Not applicable. Z Less than \$50 million. ¹ Adjusted to exclude nonmarketable issues to the International Monetary Fund and other international institutions for 1950, 1955, 1960, and 1962 through 1974. ² From preceding year shown; for 1900, change from 1895. Minus sign (—) denotes decrease. ³ Based on estimated July 1 population; prior to 1960, excludes Alaska and Hawaii. ⁴ Calculated on total expenditures not reduced by interfund transactions representing interest and certain other payments to Treasury through 1950. Beginning 1955, outlays, net of applicable receipts. ⁵ As of Sept. 30.

Source: U.S. Dept. of the Treasury, *Statistical Appendix to the Annual Report of the Secretary of the Treasury on the State of the Finances and Final Monthly Treasury Statement of Receipts and Outlays of the U.S. Government*.

NO. 451. FEDERAL GOVERNMENT INTEREST-BEARING PUBLIC DEBT: 1960 TO 1980

[In billions of dollars. As of June 30 except, beginning 1977, as of Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series Y 497 and Y 500-504]

DEBT INSTRUMENT	1960	1965	1970	1975	1977	1978	1979	1980	PERCENT OF TOTAL					
									1960	1970	1975	1979	1980	
Total.....	283.2	313.1	369.0	532.1	697.8	767.0	819.0	906.4	100.0	100.0	100.0	100.0	100.0	(X)
Computed interest rate.....	3.30	3.68	5.56	6.35	6.42	7.13	8.06	9.03	(X)	(X)	(X)	(X)	(X)	(X)
Marketable ¹	183.8	208.7	232.6	315.6	443.5	485.2	506.7	594.5	64.9	63.0	59.3	61.9	65.6	
Bills.....	33.4	53.7	76.2	128.6	156.1	160.9	161.4	199.8	11.8	20.6	24.2	19.7	22.0	
Notes.....	51.5	52.5	93.5	150.2	241.7	267.9	274.2	310.9	18.2	25.3	28.2	33.5	34.3	
Treasury bonds ²	81.2	102.5	63.0	36.8	45.7	56.4	71.1	83.8	28.7	17.1	6.9	8.7	9.2	
Nonmarketable.....	99.4	104.5	136.4	216.5	254.1	281.8	312.3	311.9	35.1	37.0	40.7	38.1	34.4	
U.S. savings bonds.....	47.5	50.0	51.3	65.4	75.4	79.8	80.4	72.7	16.8	13.9	12.3	9.8	8.0	
Treasury bonds, other ³	7.0	5.8	8.8	26.9	38.6	48.7	55.5	49.3	2.5	2.3	5.1	6.8	5.4	
Govt. account series ⁴	44.9	48.7	76.3	124.2	140.1	153.3	176.4	189.8	15.9	20.7	23.3	21.5	20.9	
Marketable debt, by maturity:														
Within 1 year.....	70.5	87.6	105.5	163.9	217.9	225.4	246.7	276.5	24.9	28.6	30.8	30.1	30.5	
1-5 years.....	72.8	56.2	89.6	101.9	148.4	168.5	157.3	195.8	25.7	24.3	19.2	19.2	21.6	
5-10 years.....	20.2	39.2	15.9	26.8	45.9	49.3	45.5	53.4	7.1	4.3	5.0	5.6	5.9	
10-20 years.....	12.6	8.5	10.5	14.5	13.0	16.6	26.2	35.5	4.4	2.8	2.7	3.2	3.9	
20 years and over.....	7.7	17.2	11.0	8.4	18.3	25.4	30.9	33.3	2.7	3.0	1.6	3.8	3.7	
Average length, yr.-mo.....	4-4	5-4	3-8	3-0	3-2	3-6	3-11	4-1	(X)	(X)	(X)	(X)	(X)	

X Not applicable. ¹ For 1960, includes postal savings, certificates, and Panama Canal bonds, not shown separately. ² Bank eligible bonds. ³ Comprises Treasury bonds, investment series (all years); Treasury bonds (various); certificates of indebtedness (various); certificates and notes; depositary bonds; U.S. retirement plan bonds, beginning 1965; and U.S. savings notes, beginning 1970. ⁴ Prior to July 1974, known as U.S. Treasury special issues.

Source: U.S. Dept. of the Treasury, *Daily Statement of the U.S. Treasury and Monthly Statement of the Public Debt of the United States*. In *Statistical Appendix to the Annual Report of the Secretary of the Treasury on the State of the Finances and in Treasury Bulletin*, monthly.

NO. 452. INTEREST-BEARING GOVERNMENT SECURITIES OUTSTANDING: 1960 TO 1980

[In billions of dollars, except percent. As of June 30 except, beginning 1977, as of Sept. 30. Par values, except U.S. savings bonds series, E, F, J, and U.S. savings notes, which are included at current redemption values. Data for 1960 not strictly comparable with later years]

TYPE OF SECURITY	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total	358	420	521	605	651	686	756	864	966	1,063	1,127	1,233
Tax exempt ¹	68	97	139	169	183	201	213	234	258	287	301	320
Percent of total	18.9	23.1	26.7	27.9	28.1	29.3	28.2	27.1	26.7	27.0	26.7	26.0
Taxable ²	245	274	306	346	366	370	419	499	568	623	650	723
Government account series ³	45	49	76	90	102	115	124	131	140	153	176	190
By issuer:												
U.S. Treasury	283	313	369	425	456	473	532	619	698	767	819	906
Government agencies ⁴	8	9	13	11	11	12	11	11	10	9	7	7
State and local govts ^{1, 5}	68	97	139	169	183	201	213	234	258	287	301	320

¹ Source: Board of Governors, Federal Reserve System. ² Interest is subject to both normal and surtax rates of Federal income tax. ³ Prior to July 1, 1974, known as U.S. Treasury special issues. ⁴ Excludes securities issued by Federal home loan banks and Federal land banks. Beginning 1970, also excludes securities issued by Federal National Mortgage Association, Federal intermediate credit banks, and banks for cooperatives. ⁵ Wholly tax-exempt. Includes Industrial Pollution Control Bonds.

NO. 453. ESTIMATED OWNERSHIP OF FEDERAL SECURITIES: 1960 TO 1980

[In billions of dollars, except percent. As of June 30 except, beginning 1977, as of Sept. 30. Data refer to securities that are classified as debt under the unified budget concept. See also headnote, table 452]

OWNERSHIP	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Total outstanding ¹	290.9	323.1	382.6	486.2	544.1	631.4	709.1	771.5	826.5	907.7
Commercial banks ²	56.1	60.7	54.8	55.6	70.9	94.4	101.5	94.4	90.1	100.9
Federal Reserve banks	26.5	39.1	57.7	80.7	84.9	94.7	105.0	115.3	115.5	120.7
U.S. Govt. accounts	53.7	61.6	97.8	140.2	147.3	151.6	157.3	168.0	187.7	197.7
Private nonbank investors	154.6	161.8	172.4	209.8	241.0	290.7	345.3	393.8	433.2	488.3
Individuals ³	71.5	72.6	83.2	81.7	88.1	97.2	104.3	113.0	115.5	123.0
Insurance companies	12.3	11.1	8.0	6.3	7.5	11.0	14.8	15.1	14.9	14.4
Mutual savings banks	7.1	6.2	3.7	3.0	4.0	5.8	6.6	5.2	4.8	5.3
Corporations ⁴	20.9	15.9	8.9	11.3	13.6	24.7	23.9	19.4	24.0	25.5
State and local govts	19.9	26.4	32.8	32.1	35.2	43.0	56.0	63.8	67.1	73.4
Other ^{1, 5}	22.9	29.6	36.0	75.4	92.7	109.0	139.7	177.3	206.9	246.7
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Commercial banks ²	19.3	18.8	14.3	11.4	13.1	15.0	14.3	12.2	10.9	11.1
Federal Reserve banks	9.1	12.1	15.0	16.6	15.6	15.0	14.8	14.9	14.0	13.3
U.S. Govt. accounts	18.5	19.1	25.6	28.8	27.1	24.0	22.2	21.8	22.7	21.8
Private nonbank investors	53.1	50.0	45.1	43.2	44.2	46.0	48.7	51.0	52.4	53.8
Individuals ³	24.6	22.5	21.7	16.8	16.1	15.4	14.7	14.6	14.0	13.6
Insurance companies	4.2	3.4	2.1	1.3	1.4	1.7	2.1	1.9	1.8	1.6
Mutual savings banks	2.4	1.9	1.0	.6	.7	.9	.9	.7	.6	.6
Corporations ⁴	7.2	4.9	2.3	2.3	2.5	3.9	3.4	2.5	2.9	2.8
State and local govts	6.8	8.1	8.6	6.6	6.1	6.8	7.9	8.4	8.2	8.1
Other ^{1, 5}	7.9	9.2	9.4	15.7	17.4	17.3	19.7	23.0	25.0	27.2

¹ Adjusted to exclude nonmarketable issues to the International Monetary Fund and other international institutions. ² Consists of commercial banks, trust companies, and stock savings banks in U.S. and outlying areas. ³ Includes partnerships and personal trust accounts. ⁴ Excludes banks and insurance companies. ⁵ Consists of savings and loan associations, nonprofit associations, corporate pension trust funds, dealers and brokers, and investments of foreign balances and international accounts in this country. Also included are certain Government deposit accounts and Government-sponsored agencies.

Source of tables 452 and 453: Except as noted, U.S. Dept. of the Treasury, *Treasury Bulletin*, monthly, and *Statistical Appendix to the Annual Report of the Secretary of the Treasury on the State of the Finances*.

NO. 454. U.S. SAVINGS BONDS: 1960 TO 1980

[In billions of dollars, except percent. See *Historical Statistics, Colonial Times to 1970*, series Y 500, for similar but not exactly comparable data]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Amounts outstanding ¹	47.2	50.3	51.8	60.3	63.3	67.5	71.9	76.6	80.5	80.0	72.2
Funds from sales	4.4	4.5	4.7	6.3	6.9	7.0	7.6	8.0	8.0	7.0	4.1
Accrued discounts	1.3	1.5	1.0	2.7	3.0	3.4	3.6	3.9	4.2	4.3	4.1
Redemptions ²	6.7	5.4	6.3	6.2	6.8	6.3	6.8	7.1	8.2	12.3	15.5
Percent of total outstanding	14.2	10.7	12.2	10.3	10.7	9.3	9.5	9.3	10.2	15.4	21.5

¹ Interest-bearing debt only for amounts end of period or end of year. ² Matured and unmatured bonds.

Source: U.S. Dept. of the Treasury. Monthly data published currently in *Treasury Bulletin*.

NO. 455. FEDERAL CIVILIAN EMPLOYMENT AND ANNUAL PAYROLLS, BY BRANCH: 1955 TO 1980

[Includes employees in U.S. territories (Commonwealth, Trust Territory, Condominium, Outlying Areas, and Disputed Island) and in foreign countries. Figures represent employees in active-duty status, including intermittent employees. Annual figures are for fiscal year and are averages of monthly (as of last day) figures. Excludes Central Intelligence Agency and National Security Agency. See *Historical Statistics, Colonial Times to 1970*, series Y 308-317, for data as of June 30]

BRANCH OF GOVERNMENT	UNIT	1955	1960	1965	1970	1975	1977	1978	1979	1980
Employment, total ¹	1,000	2,402	² 2,430	2,539	² 2,928	2,882	2,855	2,675	2,897	² 2,987
Percent of U.S. employed ³	Percent	3.9	3.7	3.6	3.7	3.4	3.2	3.0	3.0	3.1
Executive ¹	1,000	2,376	² 2,403	2,507	² 2,891	2,834	2,804	2,822	2,844	² 2,933
Rate per 1,000 population ⁴	Rate	14.3	13.1	12.8	14.2	13.2	12.8	12.7	12.7	12.9
Legislative	1,000	22	23	25	30	37	39	40	40	40
Judicial	1,000	4	5	6	7	10	12	13	13	14
Payrolls, total ¹	Mil. dol.	10,295	² 13,243	18,020	² 28,562	40,699	45,895	49,921	53,590	² 58,012
Percent of total Federal outlays	Percent	15.0	14.4	15.2	14.5	12.6	11.4	11.1	10.9	10.0
Executive ¹	Mil. dol.	10,146	² 13,052	17,746	² 28,117	39,944	44,976	48,899	52,513	² 56,841
Legislative	Mil. dol.	122	154	216	353	589	700	771	817	883
Judicial	Mil. dol.	26	36	58	92	166	219	251	260	288

¹ Includes Postal Service Christmas help.

² Includes 36,417 temporary census workers in 1960; 33,000 in 1970; and 4,975 for 1980.

³ Civilian only. See table 635.

⁴ Resident population as of July 1.

NO. 456. FEDERAL CIVILIAN EMPLOYMENT—SUMMARY: 1960 TO 1980

[In thousands. Partially estimated. As of Dec. 31. Excludes U.S. Territories and foreign countries, Central Intelligence Agency, Christmas help of the U.S. Postal Service, and National Security Agency]

CHARACTERISTIC OF EMPLOYMENT	UNITED STATES								WASHINGTON, D.C., SMSA ¹			
	1960	1965	1970	1975	1977	1978	1979	1980	1965	1970	1975	1980
Paid employment	2,213	2,403	2,645	2,741	2,724	2,752	2,763	2,782	275	316	349	366
Male.....	1,668	1,813	1,931	1,896	1,846	1,848	1,826	1,808	165	180	206	202
Female.....	545	590	714	845	878	904	937	974	110	136	143	164
Full-time.....	2,084	2,267	2,516	2,496	2,463	2,479	2,489	2,503	268	308	333	342
Other.....	129	136	129	245	261	273	274	279	7	8	16	24
Competitive service ²	2,041	2,201	2,393	1,714	1,706	1,748	1,695	1,691	231	262	257	258
Career.....	1,676	1,788	1,991	1,300	1,361	1,390	1,344	(NA)	173	198	191	(NA)
Career-conditional.....	251	298	290	354	289	303	293	(NA)	49	53	55	(NA)
Temporary ³	114	115	112	60	56	55	58	(NA)	9	11	11	(NA)
Excepted service ^{2,4}	172	202	252	1,027	1,018	1,005	1,068	1,091	44	54	91	107
Permanent.....	100	112	164	863	846	852	897	917	32	38	71	70
Other.....	72	90	88	164	172	153	171	174	12	16	20	37
White-collar.....	1,639	1,850	2,113	2,255	2,256	2,284	2,300	2,324	237	278	314	334
Blue-collar.....	574	553	532	486	468	468	463	458	38	38	35	32

¹ See footnote 3, table 458. ² In 1971, under Postal Reorganization Act of 1970, U.S. Postal Service employees were changed from competitive service to excepted service. ³ Includes "indefinite." ⁴ Excepted from competitive requirements of Civil Service Act.

NO. 457. ACCESSIONS TO AND SEPARATIONS FROM PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT: 1965 TO 1980

[In thousands, except rate. For years ending June 30 through 1975; thereafter as of Sept. 30. Includes accessions and separations of part-time and intermittent employees]

ITEM	UNITED STATES						WASHINGTON, D.C., SMSA ¹			
	1965	1970	1975	1978	1979	1980	1965	1970	1975	1980
Accessions, total	480.4	560.7	601.2	651.3	663.9	995.2	59.5	64.5	74.5	94.1
Monthly rate ²	1.7	1.7	1.9	2.0	1.9	2.2	1.9	1.8	1.9	2.2
Separations, total	445.5	641.1	588.9	632.4	665.0	100.2	51.0	69.5	69.3	89.2
Monthly rate ²	1.6	2.0	1.8	1.9	4.3	5.4	1.6	1.9	1.8	3.8
Quit ³	192.1	311.5	213.2	223.2	243.3	227.1	31.8	38.8	29.6	30.5
Discharge ^{4,5}	16.1	17.5	10.4	50.0	50.3	(NA)	.2	.6	1.1	(NA)
Other ^{4,6}	8.9	19.7	17.2	19.2	19.3	(NA)	.8	2.0	1.8	(NA)
	228.4	292.3	348.1	340.1	342.1	(NA)	18.2	28.1	36.8	(NA)

NA. Not available. ¹ See footnote 3, table 458. ² Per 100 employees. ³ Represents resignation, transfer to another Federal agency, and abandonment of position. ⁴ Beginning 1970, partially estimated. ⁵ Represents separation required by termination of appointment, and separation for extended leave without pay, military leave, retirement, death, legal incompetency, and disability not entitled to retirement and displacement.

Source of tables 455-457: U.S. Office of Personnel Management. *Annual Report; Monthly Release of Federal Civilian Work Force Statistics*; and unpublished data.

**NO. 458. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT—STATES AND OTHER AREAS:
1960 TO 1979**

[As of December 31. Excludes members and employees of Congress, Central Intelligence Agency, temporary Christmas help of the U.S. Postal Service, and National Security Agency]

STATE OR OTHER AREA	TOTAL EMPLOYMENT (1,000)						PERCENT OF U.S.			EMPLOYMENT IN SELECTED AGENCIES, 1979 ¹ (1,000)			
	1960	1965	1970	1975	1978	1979	1970	1975	1979	Dept. of De- fense	Postal Service	Veter- ans Admin.	Dept. of HEW ²
Total	2,373	2,570	2,875	2,670	2,852	2,850	(x)	(x)	(x)	965.9	665.9	233.5	160.8
U.S.....	2,213	2,403	2,665	2,738	2,723	2,726	100.0	100.0	100.0	885.6	663.9	231.1	160.0
D.C. area ³	236	275	318	335	342	342	11.9	12.2	12.5	87.1	27.5	6.3	40.0
50 States ³	1,977	2,128	2,348	2,403	2,381	2,384	88.1	87.8	87.5	798.5	636.4	224.8	120.0
Ala.....	60.9	59.5	54.3	58.5	59.9	60.2	2.0	2.1	2.2	24.8	7.5	4.5	3.5
Alaska.....	12.6	13.5	14.5	15.1	15.3	15.6	.6	.6	.6	4.5	1.4	.6	1.5
Ariz.....	19.8	22.7	27.5	33.6	34.5	35.4	1.1	1.2	1.3	9.8	1.4	3.0	3.1
Ark.....	13.1	15.1	16.6	18.7	18.4	18.5	.6	.7	.7	4.4	5.1	3.6	1.0
Calif.....	239.5	265.1	303.5	297.8	290.1	292.9	11.4	10.9	10.8	127.1	72.8	23.6	11.8
Colo.....	33.9	37.7	42.3	48.7	47.9	49.0	1.6	1.8	1.8	13.3	9.1	2.7	1.6
Conn.....	14.6	16.4	20.4	21.0	21.0	19.9	.8	.8	.8	4.6	9.5	2.5	.5
Del.....	3.4	3.7	4.7	5.2	5.0	4.8	.2	.2	.2	1.8	1.5	.7	.3
Fla.....	48.0	57.2	69.3	78.4	79.3	80.2	2.6	2.9	3.0	28.3	23.5	9.0	2.3
Ga.....	55.5	64.9	73.8	75.0	75.9	76.8	2.8	2.7	2.9	34.2	13.2	5.0	5.3
Hawaii.....	22.1	23.5	26.3	25.3	25.0	25.0	1.0	.9	1.0	19.4	2.1	.2	.2
Idaho.....	6.2	7.4	8.2	9.8	10.5	10.8	.3	.4	.4	1.2	2.1	.6	.2
Ill.....	98.9	104.3	110.7	106.6	101.7	102.0	4.2	3.9	3.8	20.6	41.7	11.9	6.9
Ind.....	31.7	35.1	44.4	40.8	40.2	40.9	1.7	1.5	1.5	12.9	14.2	3.9	1.0
Iowa.....	15.8	16.7	18.1	19.2	19.0	19.0	.7	.7	.7	1.8	9.2	3.1	.5
Kans.....	21.1	19.7	22.3	23.1	22.6	22.9	.8	.8	.9	6.1	7.5	3.1	.4
Ky.....	27.6	29.5	34.7	35.9	34.3	34.0	1.3	1.3	1.3	12.6	7.7	3.3	.8
La.....	22.9	25.2	27.6	30.6	31.4	32.2	1.1	1.1	1.2	8.2	8.9	3.8	2.3
Maine.....	17.3	15.1	15.1	12.1	9.2	9.0	.6	.4	.4	2.2	3.6	1.2	.3
Md. ³	45.3	51.8	62.0	64.7	62.2	62.1	2.3	2.4	2.3	8.2	3.1	3.0	20.4
Mass.....	62.2	60.9	63.5	58.4	57.8	56.4	2.4	2.1	2.1	12.1	21.2	7.6	2.9
Mich.....	42.4	47.3	53.4	54.6	53.4	54.0	2.0	2.0	2.0	11.9	23.5	6.1	2.0
Minn.....	24.6	26.9	29.3	30.3	29.4	30.0	1.1	1.1	1.1	3.0	13.4	4.8	.9
Miss.....	15.7	17.6	20.3	24.1	26.8	27.8	.8	.9	1.1	10.7	4.7	2.8	.7
Mo.....	50.0	56.2	65.0	66.4	65.0	64.9	2.4	2.4	2.4	19.5	17.2	5.9	5.0
Mont.....	8.4	9.8	10.3	12.2	12.4	12.4	.4	.4	.5	1.3	2.3	.7	.8
Nebr.....	15.4	14.9	15.1	16.1	15.4	15.4	.6	.6	.6	3.6	5.3	2.2	.3
Nev.....	5.8	7.4	8.1	8.9	9.2	9.4	.3	.3	.4	2.4	2.0	.7	.3
N.H.....	3.6	4.4	5.5	10.2	14.7	14.7	.2	.4	.6	9.5	2.6	.7	1.1
N.J.....	53.8	58.3	65.9	71.0	68.6	68.7	2.5	2.6	2.6	30.0	27.3	4.6	1.7
N. Mex.....	22.8	24.3	25.1	26.9	26.5	26.8	.9	1.0	1.0	9.1	2.7	1.5	2.4
N.Y.....	179.8	173.1	177.8	172.3	166.2	157.8	6.7	6.3	5.8	20.1	73.1	21.0	10.4
N.C.....	28.5	31.4	37.3	42.3	41.8	41.6	1.4	1.5	1.6	13.4	12.1	4.8	2.1
N. Dak.....	5.9	6.9	8.1	9.1	8.3	8.3	.3	.3	.3	1.8	2.3	.6	.3
Ohio.....	88.8	93.5	96.9	93.6	89.4	89.1	3.6	3.4	3.3	32.4	30.5	8.9	2.9
Okla.....	42.1	46.9	52.8	47.7	46.8	45.5	2.0	1.7	1.7	23.1	7.8	2.4	1.9
Oreg.....	20.0	22.0	24.1	25.6	26.8	27.8	.9	.9	1.1	3.3	6.5	2.6	.6
Pa.....	129.1	133.3	137.7	132.3	128.0	126.4	5.2	4.8	4.7	50.4	36.7	11.4	7.0
R.I.....	12.3	13.2	14.6	10.1	9.4	9.0	.6	.4	.4	4.1	2.7	1.1	.2
S.C.....	22.5	25.8	29.3	30.7	31.4	31.3	1.1	1.1	1.2	18.6	5.7	2.8	.7
S. Dak.....	9.0	9.1	9.3	10.8	9.9	9.8	.3	.4	.4	1.3	2.3	1.8	.8
Tenn.....	34.1	40.7	44.8	55.4	68.0	69.9	1.7	2.0	2.6	7.8	12.0	6.2	1.2
Tex.....	112.6	126.7	144.7	149.6	148.0	148.3	5.4	5.5	5.5	57.8	34.1	14.0	4.5
Utah.....	26.4	32.5	38.3	35.3	34.6	34.5	1.4	1.3	1.3	21.3	3.1	1.5	.2
Vt.....	3.1	3.2	3.7	4.4	4.4	4.3	.2	.2	.2	.6	1.7	.8	.9
Va. ³	66.9	70.7	74.0	78.0	78.8	78.9	2.8	2.9	2.9	52.5	9.7	5.2	1.2
Wash.....	45.6	48.3	52.6	57.8	58.9	60.9	2.0	2.1	2.2	25.5	10.9	4.1	2.6
W. Va.....	10.5	11.6	13.3	15.6	15.7	15.8	.5	.6	.6	1.7	4.7	2.8	.7
Wis.....	20.4	22.3	25.5	26.8	26.2	26.4	1.0	1.0	1.0	2.9	12.0	5.0	1.0
Wyo.....	4.7	5.0	5.2	6.1	6.4	6.5	.2	.2	.2	.9	1.2	.9	.1
Outside U.S.....	159.7	167.1	209.9	131.8	129.1	124.4	(x)	(x)	(x)	80.3	2.0	2.4	.8
Territories.....	32.2	33.8	36.9	33.0	34.7	14.4	(x)	(x)	(x)	5.5	2.0	2.2	.8
Foreign.....	127.5	133.3	173.0	98.8	94.4	110.2	(x)	(x)	(x)	74.8	-	.2	-

- Represents zero.

X Not applicable.

¹ Partially estimated.

² Health, Education, and Welfare.

³ Washington, D.C. Standard Metropolitan Statistical Area includes District of Columbia, Alexandria and Falls Church cities, Arlington and Fairfax Counties, Va.; and Montgomery and Prince Georges Counties, Md.; beginning 1965, Fairfax City, Va.; beginning July 1967, Loudoun and Prince William Counties, Va.; beginning July 1973, Charles County, Md.; and beginning July 1975, Manassas and Manassas Park, Va. These areas are excluded from data for the 50 States.

Source: U.S. Office of Personnel Management, *Federal Civilian Employment in the United States by Geographic Area*, annual.

NO. 459. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY, ALL AREAS: 1965 TO 1981

[As of June 30 through 1976; thereafter, as of Sept. 30 except as noted. See headnote, table 455. See also *Historical Statistics, Colonial Times to 1970*, series Y 308-317]

AGENCY	1965	1970	1975	1978	1979	1980	1981 ¹
All agencies	2,527,492	2,921,909	2,896,944	2,872,851	2,875,872	2,875,866	2,895,712
Percent Dept. of Defense.....	40.9	40.9	36.0	34.1	33.4	33.4	33.6
Percent Postal Service.....	23.6	24.9	24.1	22.8	23.0	23.0	22.8
Legislative branch	25,947	30,715	38,531	39,422	39,727	39,710	39,233
Congress	9,296	11,815	17,317	^a 18,309	^a 18,900	^a 19,096	^a 19,350
United States Senate.....	3,474	4,362	6,144	6,714	7,148	7,195	7,301
U.S. House of Representatives.....	5,822	7,453	11,173	11,584	11,738	11,888	12,037
Architect of the Capitol.....	1,519	1,631	2,061	2,267	2,331	2,168	2,046
General Accounting Office.....	4,274	4,631	5,513	5,498	5,310	5,488	5,419
Government Printing Office.....	7,416	8,557	8,549	7,469	7,099	6,767	6,449
Library of Congress.....	3,386	3,848	4,649	5,230	5,430	5,527	5,304
All other.....	56	233	442	649	657	664	665
Judicial branch	5,904	6,887	10,399	13,128	13,493	15,178	15,187
United States Courts.....	(NA)	6,664	10,122	12,810	13,187	14,847	14,851
Supreme Court.....	(NA)	223	277	318	306	331	336
Executive branch	2,495,641	2,884,307	2,848,014	2,820,301	2,822,652	2,820,978	2,841,292
Executive Office of the President:							
White House Office.....	333	311	625	371	408	406	435
Office of Management and Budget.....	524	633	673	602	619	616	637
Council of Economic Advisers.....	46	59	40	33	23	35	33
Council on Environmental Quality ³	(x)	32	69	49	48	49	56
National Security Council.....	38	75	89	74	74	69	65
All other.....	1,908	3,632	422	484	646	711	537
Executive departments:							
Agriculture.....	113,017	116,012	120,999	128,500	127,809	129,139	121,585
Commerce.....	33,668	^a 57,674	36,228	39,551	54,101	^b 48,563	44,348
Defense.....	1,033,775	1,193,784	1,041,829	980,313	960,286	960,116	974,281
Department of the Army.....	366,726	443,369	378,937	353,203	346,694	348,534	347,321
Department of the Navy.....	333,271	376,340	319,719	309,880	303,472	302,498	317,254
Department of the Air Force.....	291,500	306,323	268,466	240,182	234,249	233,132	231,809
Other Defense Activities.....	42,278	67,752	74,707	77,048	75,871	75,952	77,897
Education ⁶	(x)	(x)	(x)	(x)	(x)	7,364	7,327
Energy ⁷	(x)	(x)	(x)	(x)	20,540	21,557	21,470
Health and Human Services ⁶	87,316	108,044	147,125	160,792	160,652	155,662	157,702
Housing and Urban Development ⁸	13,777	15,190	17,161	18,177	17,451	16,964	16,559
Interior.....	70,711	73,361	80,198	78,948	77,647	77,357	78,800
Justice.....	33,222	39,257	51,541	55,422	55,265	56,327	56,385
Labor.....	9,527	10,991	14,834	22,501	22,959	23,400	22,928
State.....	39,552	39,753	30,376	30,310	29,782	23,497	23,439
Agency for Int'l. Development.....	15,098	14,974	6,591	6,073	6,186	(⁹)	(⁹)
Transportation.....	¹⁰ 45,421	65,985	75,035	74,795	73,546	72,361	70,900
Treasury.....	88,761	92,521	121,546	121,876	124,883	124,663	138,288
Independent agencies:							
ACTION ¹¹	1,104	1,317	1,864	1,927	1,882	1,837	1,978
American Battle Monuments Comm.....	439	404	399	387	379	386	379
Arms Control and Disarmament Agency.....	175	177	190	212	226	221	179
AEC/ERDA ¹²	7,329	7,347	8,262	(x)	(x)	(x)	(x)
Board of Governors, Federal Reserve System.....	667	1,016	1,460	1,477	1,459	1,498	1,508
Canal Zone Government ¹³	3,028	3,318	3,299	3,211	2,924	(x)	(x)
Civil Aeronautics Board.....	846	682	728	793	746	734	728
Commission on Civil Rights.....	109	153	275	314	304	304	277
Community Services Admin. ¹⁴	(x)	(x)	1,112	1,052	1,077	1,067	1,078
Consumer Product Safety Comm. ¹⁵	(x)	(x)	959	952	929	921	910
Environmental Protection Agency.....	(x)	(x)	10,772	11,693	13,543	14,715	14,511
Equal Empl. Opportunity Comm.....	19	850	2,183	2,765	3,630	3,515	3,769
Export-Import Bank, U.S.....	308	358	444	422	398	385	380
Farm Credit Administration.....	235	235	223	249	267	271	262
Federal Communications Comm.....	1,541	1,537	2,137	2,165	2,248	2,244	2,155
Federal Deposit Insurance Corp.....	1,544	2,478	3,103	3,655	3,512	3,520	3,454
Federal Emergency Mgmt. Agency.....	(x)	(x)	(x)	(x)	2,392	3,427	2,847
Federal Energy Administration ^{7 16}	(x)	(x)	3,245	(x)	(x)	(x)	(x)
Federal Home Loan Bank Board.....	1,300	1,273	1,452	1,545	1,490	1,470	1,504
Federal Labor Relations Authority.....	(x)	(x)	(x)	(x)	254	349	380
Federal Maritime Commission.....	251	233	314	338	328	325	330
Federal Mediation and Conciliation Service.....	422	450	523	557	521	503	497
Federal Power Commission ⁷	1,163	1,132	1,322	(x)	(x)	(x)	(x)
Federal Trade Commission.....	1,157	1,330	1,661	1,734	1,860	1,846	1,852
General Services Administration.....	36,524	37,945	39,561	38,324	37,758	37,654	36,315
Int'l. Communications Agency ¹⁷	11,628	10,262	8,809	8,538	8,245	8,138	8,053
International Trade Commission ¹⁸	298	242	427	385	372	424	425
Merit System Protection Board.....	2,427	1,755	2,115	2,139	2,084	1,981	1,900
Nat'l Aeronautics and Space Admin.....	(x)	(x)	(x)	(x)	316	435	463
	34,049	32,548	26,447	24,056	23,614	23,714	23,521

See footnotes at end of table.

NO. 459. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY, ALL AREAS: 1965 TO 1981—Continued

[See headnote, page 268]

AGENCY	1965	1970	1975	1978	1979	1980	1981 ¹
Independent agencies—Con.							
National Credit Union Admin. ¹⁹	(x)	419	570	621	650	726	784
Nat'l Endowment for the Arts ²⁰	(x)	103	557	310	300	362	359
Nat'l Endowment for the Humanities ²⁰				280	290	233	300
National Labor Relations Board	2,252	2,144	2,485	2,938	3,029	2,936	2,939
National Mediation Board	135	126	103	100	67	68	63
National Science Foundation	1,116	1,211	1,424	1,386	1,396	1,394	1,452
National Transportation Safety Board	(x)	(x)	291	391	380	384	378
Nuclear Regulatory Commission ¹²	(x)	(x)	2,247	2,983	3,024	3,283	3,418
Office of Personnel Management ²¹	3,789	5,508	8,157	8,630	8,076	8,280	8,260
Panama Canal Commission	11,936	12,571	11,689	11,164	10,040	8,700	8,923
Pension Benefit Guaranty Corp.	(x)	(x)	208	445	438	463	463
Railroad Retirement Board	1,767	1,734	1,961	1,859	1,820	1,795	1,815
Renegotiation Board ²²	184	236	198	158	(x)	(x)	(x)
Securities and Exchange Commission	1,420	1,454	2,002	2,072	2,054	2,056	2,023
Selective Service System	7,587	8,395	2,257	68	73	97	118
Small Business Administration	3,751	4,269	4,796	5,764	5,912	5,804	5,872
Smithsonian Institution	2,334	2,641	3,746	4,261	4,821	4,403	4,514
Soldiers' and Airmen's Home	1,134	1,126	1,041	1,040	1,007	994	976
Tennessee Valley Authority	16,797	22,244	28,423	47,100	49,941	51,714	52,447
U.S. Int'l Dev. Coop. Agency	(23)	(23)	(23)	(23)	(23)	6,152	6,115
U.S. Postal Service ²⁴	595,512	726,472	699,174	656,000	661,800	660,014	659,889
Veterans Administration	167,059	168,719	213,143	228,885	226,084	228,285	232,802
All other	709	579	1,520	1,956	2,153	2,103	1,952

NA Not available. X Not applicable. ¹ As of March. Includes 28,383 employees exempted from personnel ceilings in Youth Program and Worker Trainee Opportunities Program. ² Includes 33,480 appointments under Youth Opportunity Campaign. ³ Includes 11 in 1978, 13 in 1979, 13 in 1980, and 12 in 1981 of Commission on Security and Cooperation in Europe. ⁴ Agency established in 1969. ⁵ Includes 24,278 enumerators in 1970 census, and 4,975 enumerators in the 1980 census. ⁶ Dept. of Education established Sept. 1979; formerly included with Health and Human Services (previously HEW). ⁷ Dept. of Energy established Oct. 1, 1977; comprises ERDA, Federal Energy Admin., Federal Power Comm., and the fuel elements of the Dept. of Interior. ⁸ Includes Housing and Home Finance Agency. ⁹ Transferred from Dept. of State to U.S. International Development Cooperation Agency. ¹⁰ Data represent Federal Aviation Admin. and St. Lawrence Seaway Development Corp., both of which were transferred to Dept. of Transportation in Apr. 1967. ¹¹ Formerly Peace Corps; became an independent agency in 1971. ¹² In Jan. 1975, Atomic Energy Commission was divided into Energy Research and Development Admin. and Nuclear Regulatory Commission. ¹³ U.S. jurisdiction over Panama Canal Zone terminated Oct. 1979. ¹⁴ Established in 1974 as successor to Office of Economic Opportunity. ¹⁵ Established Oct. 1972. ¹⁶ Established June 28, 1974. ¹⁷ In Mar. 1978 United States Information Agency became International Communications Agency. ¹⁸ Formerly Tariff Commission. ¹⁹ Agency established in 1970. ²⁰ Established as the National Foundation on the Arts and Humanities in 1965; divided in Sept. 1978. ²¹ Formerly Civil Service Commission. ²² Agency terminated as of March 31, 1979. ²³ Included in State Dept. prior to 1980. ²⁴ Post Office, an executive department through 1970, reorganized and became U.S. Postal Service, an independent agency, as of July 1, 1971.

Source: U.S. Office of Personnel Management, *Annual Report and Monthly Release of Federal Civilian Work Force Statistics*.

NO. 460. FEDERAL CIVILIAN EMPLOYMENT—ARMED FORCES AND OTHER UNIFORMED RETIREES EMPLOYED, BY AGENCY AND SELECTED CHARACTERISTIC: 1978

[As of Sept. 30. Includes uniformed retirees of the Air Force, Army, Coast Guard, National Oceanic and Atmospheric Administration, Marine Corps, Navy, and Public Health Service. Excludes employees of the Central Intelligence Agency, National Security Agency, Tennessee Valley Authority, Board of Governors of the Federal Reserve System, and the White House]

AGENCY	Total Federal employment (1,000)	UNIFORMED RETIREES		CHARACTERISTIC AND PAY SYSTEM	Total Federal employment (1,000)	UNIFORMED RETIREES	
		Total (1,000)	Percent of total ¹			Total (1,000)	Percent of total ¹
All agencies²	2,737.7	142.5	5.2	U.S. Postal Service	673.1	34.4	5.1
In competitive service	1,718.2	99.3	5.8	Officer retiree	(x)	24.8	3.9
In excepted service	1,017.3	43.1	4.2	Enlisted retiree	(x)	114.4	3.2
Unspecified	2.1	.1	4.8	Unspecified	(x)	3.4	3.1
Executive branch	2,050.9	107.8	5.3	Pay system:⁴			
Defense	938.2	76.3	8.1	Under \$6,000	47.4	1.0	2.2
Army	337.6	24.2	7.2	\$6,000–\$9,999	334.4	8.6	2.6
Navy	278.3	26.9	9.7	\$10,000–\$17,999	1,539.5	90.8	5.9
Marine Corps	16.7	2.0	11.8	\$18,000–\$28,999	625.1	34.0	5.4
Air Force	229.0	19.5	8.5	\$29,000–\$35,999	114.5	4.9	4.2
Other Defense	76.6	3.7	4.8	\$36,000 and over	73.3	3.1	4.2
Veterans Administration	236.2	8.8	3.7	Unspecified	3.5	.1	2.6
Other executive agencies	876.5	22.7	2.6				

X Not applicable. ¹ Percent of total Federal employment in specified category. ² Includes other categories not shown separately. ³ Percent of total Federal employment. ⁴ Represents retiree's compensation under various Federal civilian pay systems.

Source: U.S. Office of Personnel Management, *Study of Retired Uniform Services Personnel in the Federal Civilian Service*, September 1978.

NO. 461. PAID CIVILIAN EMPLOYMENT IN FULL-TIME POSITIONS IN THE FEDERAL GOVERNMENT, ALL AREAS: 1960 TO 1981

[As of June 30 through 1970; as of March 31 thereafter. Excludes employees of Congress and Federal courts, maritime seamen of Dept. of Commerce, and small number for whom rates were not reported. See text, p. 242 for explanation of General schedule and Wage system. See also *Historical Statistics, Colonial Times to 1970*, series Y 318-331]

COMPENSATION AUTHORITY	EMPLOYEES (1,000)						AVERAGE PAY (dol.)					
	1960	1965	1970	1975	1980	1981	1960	1965	1970	1975	1980	1981
Total	2,237	2,398	2,806	2,582	2,498	2,475	5,273	6,868	9,234	13,529	17,758	21,115
General schedule.....	973	1,112	1,287	1,349	1,402	1,395	5,705	7,707	11,065	14,483	17,299	21,833
Wage system.....	667	621	674	528	456	446	4,935	5,887	6,976	11,197	17,644	19,557
Postal pay system.....	483	534	673	566	528	506	4,854	6,219	8,120	13,329	17,799	19,089
Other.....	114	131	172	139	113	127	5,344	7,032	8,741	13,951	20,344	26,777

Source: U.S. Office of Personnel Management, *Pay Structure of the Federal Civil Service*, annual.

NO. 462. FULL-TIME WHITE-COLLAR CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT—TOTAL AND WOMEN, BY GRADE LEVELS: 1970 TO 1979

[As of October 31]

SEX AND GRADE ¹	Unit	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total employment	1,000	1,982	1,992	1,894	1,957	1,976	1,981	1,978	1,995	1,978
Women.....	1,000.....	657	671	644	682	697	711	721	737	747
Percent of total.....	Percent.....	33.1	33.7	34.0	34.8	35.3	35.9	36.5	36.9	37.7
General Schedule Pay System.....	1,000.....	1,259	1,303	1,295	1,404	1,428	1,456	1,469	1,483	1,465
Women.....	1,000.....	507	522	526	586	601	621	632	645	646
Percent of total.....	Percent.....	40.3	40.1	40.6	41.7	42.1	42.7	43.0	43.5	44.1
Grades 1-6 (\$7,210-\$16,293).....	1,000.....	521	555	554	588	585	587	587	584	583
Women.....	1,000.....	376	393	396	418	419	424	424	425	415
Percent of total.....	Percent.....	72.2	70.8	71.5	71.1	71.6	72.2	72.2	72.8	73.8
Grades 7-10 (\$13,925-\$24,385).....	1,000.....	302	301	296	333	344	352	354	357	355
Women.....	1,000.....	101	95	95	123	132	142	147	153	157
Percent of total.....	Percent.....	33.4	31.6	32.1	36.9	38.4	40.3	41.5	42.9	44.3
Grades 11-12 (\$20,611-\$32,110).....	1,000.....	264	273	270	286	297	309	316	326	331
Women.....	1,000.....	25	27	28	36	40	44	48	54	58
Percent of total.....	Percent.....	9.5	9.9	10.4	12.6	13.5	14.2	15.2	16.6	17.7
Grades 13-15 (\$29,375-\$53,081).....	1,000.....	164	169	170	190	196	201	205	209	213
Women, percent of total.....	Percent.....	3.0	4.1	4.1	4.7	5.1	5.5	5.9	6.2	7.0
Grades 16-18 (\$47,889-\$65,750).....	1,000.....	8	5	5	7	7	7	7	7	7
Women, percent of total.....	Percent.....	1.4	1.9	2.3	2.4	2.7	2.9	3.6	4.2	4.2
Postal Pay System.....	1,000.....	618	589	502	527	519	498	488	490	487
Women.....	1,000.....	102	105	75	86	86	81	81	83	91
Percent of total.....	Percent.....	16.5	17.8	14.9	16.3	16.5	16.3	16.6	16.9	18.6
Other pay systems.....	1,000.....	105	100	97	26	28	27	21	22	25
Women.....	1,000.....	48	44	43	10	10	9	8	9	10
Percent of total.....	Percent.....	45.7	44.0	43.3	38.5	35.4	33.3	39.7	40.9	38.4

¹ Pay ranges shown for General Schedule grades are as of Oct. 1, 1979, and apply only to the 1979 data. ² Change in number reflects shift of senior level employees to Senior Executive Service.

Source: U.S. Office of Personnel Management, *Occupations of Federal White-Collar Workers*, annual.

NO. 463. SALARIES OF SELECTED EXECUTIVE AND LEGISLATIVE OFFICIALS IN THE FEDERAL GOVERNMENT: 1907 TO 1982

YEAR ¹	President	Vice President	Cabinet officers	Congress-men ²	YEAR ¹	President	Vice President	Cabinet officers	Congress-men ²
1907.....	³ \$50,000	\$12,000	\$12,000	\$7,500	1965.....	(*)	(*)	(*)	\$30,000
1909.....	75,000	(*)	(*)	(*)	1969.....	⁷ \$200,000	⁸ \$62,500	\$60,000	42,500
1925.....	(*)	15,000	⁵ 15,000	⁵ 10,000	1975.....	(*)	⁸ 65,600	63,000	44,600
1946.....	(*)	20,000	(*)	⁶ 15,000	1976.....	(*)	⁸ 68,800	⁹ 66,000	⁹ 46,800
1949.....	⁷ 100,000	30,000	22,500	(*)	1977-1978.....	(*)	⁸ 75,000	66,000	57,500
1955.....	(*)	35,000	(*)	22,500	1979-1980.....	(*)	¹⁰ 79,100	¹⁰ 69,600	¹⁰ 60,700
1956.....	(*)	(*)	25,000	(*)	1980-1981.....	(*)	¹⁰ 79,100	¹⁰ 69,600	¹⁰ 60,700
1964.....	(*)	43,000	35,000	(*)	1981-1982.....	(*)	¹⁰ 79,100	¹⁰ 69,600	¹⁰ 60,700

¹ When salary change became effective. ² Representatives and senators. ³ Compensation enacted in 1873. ⁴ No change from prior year shown. ⁵ Legislation reduced amounts by 15, 10, and 5 percent, successively, during 1932-35. Full salary restored Apr. 1, 1935. ⁶ Includes \$2,500 expense allowance that was tax free until 1953. Allowance discontinued Mar. 1, 1955. For income tax, members may deduct up to \$3,000 a year for living expenses. ⁷ Plus \$50,000 for official expenses. ⁸ Plus \$10,000 expense allowance. ⁹ Pursuant to Legislative Branch Appropriation Act, 1977, salaries paid were limited to the rates in effect on Sept. 30, 1976. ¹⁰ Pursuant to Legislative Branch Appropriation Act, 1978, salaries paid are limited to the rates in effect for 1978.

Source: U.S. Office of Personnel Management, *Annual Report*.

**NO. 464. BLUE-COLLAR CIVILIAN FULL-TIME EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY
OCCUPATION: 1974 AND 1980**

[Covers full-time civilian blue-collar employment as of **October 31** in all Federal departments and agencies except members and staff of Congress, the Congressional Budget Office, Copyright Royalty Tribunal, Office of Technology Assessment, most of the Judicial Branch, and the Board of Governors of the Federal Reserve System. The Central Intelligence and National Security agencies are exempt by law from reporting personnel data to Office of Personnel Management]

MAJOR OCCUPATION GROUP	1974		1980		MAJOR OCCUPATION GROUP	1974		1980	
	Em- ployees (1,000)	Aver- age salary (dol.)	Em- ployees (1,000)	Aver- age salary (dol.)		Em- ployees (1,000)	Aver- age salary (dol.)	Em- ployees (1,000)	Aver- age salary (dol.)
Total	522,123	11,300	488,150	18,525	Marine operations and maintenance.....	16,635	11,857	9,256	18,462
Manual labor	55,347	8,866	51,810	14,104	Woodworking	14,707	11,833	13,991	19,090
Indus. equip. operation/ maintenance:					Pipefitting	15,894	12,248	19,133	20,637
Mobile	68,272	11,541	61,139	18,660	Printing and reproduction....	12,011	12,936	10,427	19,893
Fixed	45,130	12,046	45,920	19,514	Ammunition and armament work.....	11,318	11,568	8,132	18,846
Warehousing	38,361	10,298	38,907	16,567	Painting and paperhanging..	10,606	11,463	10,341	18,736
Services	40,427	9,045	29,600	14,806	General maintenance and operation.....	16,549	12,814	20,609	20,366
Metal work and processing..	29,244	12,061	33,492	20,000	Packing and processing.....	6,844	10,230	8,394	16,102
Aircraft repair, propeller work, and engine over-haul.....	31,179	12,155	26,106	20,443	Manufacturing and repair shop operation	3,991	13,735	2,108	23,158
Electrical installation and maintenance	25,966	12,362	25,706	20,646	Instrument maintenance and instrumentation.....	6,140	12,320	6,048	20,644
Machine tool work.....	17,568	12,327	17,933	20,283	Agriculture, forestry, and related occupations.....	4,189	10,000	4,357	16,268
Electronic equip. installation, maintenance, and operation.....	28,475	12,680	23,924	21,399					

¹ Includes other occupations not shown separately.

Source: U.S. Office of Personnel Management, *Occupations of Federal Blue-Collar Workers*, annual.

**NO. 465. WHITE-COLLAR FULL-TIME CIVILIAN WORKERS IN THE FEDERAL GOVERNMENT, BY MAJOR
OCCUPATION GROUP AND SEX: 1970 AND 1979**

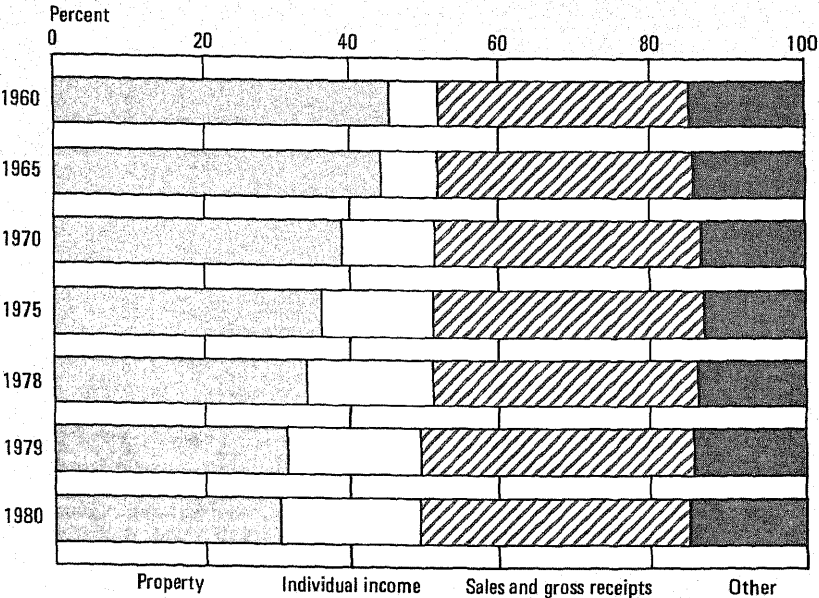
[As of **October 31**. Includes U.S. outlying areas and foreign countries, but excludes foreign nationals overseas]

MAJOR OCCUPATION GROUP	1970		1979		MAJOR OCCUPATION GROUP	1970		1979	
	Total (1,000)	Per- cent male	Total (1,000)	Per- cent male		Total (1,000)	Per- cent male	Total (1,000)	Per- cent male
Total	1,981.7	66.8	1,978.0	62.3	Biological sciences	41.5	93.6	50.2	87.5
Professional	(NA)	(NA)	322.0	77.4	Investigation.....	38.9	96.9	49.0	91.1
Administrative	(NA)	(NA)	424.8	75.8	Personnel management and industrial relations.....	40.4	46.8	47.4	41.1
Technical	(NA)	(NA)	341.7	59.1	Transportation.....	42.6	84.5	45.0	81.9
Clerical	(NA)	(NA)	846.6	49.5	Physical sciences.....	43.0	90.8	43.1	88.8
Other ¹	(NA)	(NA)	43.0	91.9	Education	29.3	64.4	28.9	57.5
General admin., clerical, and office services.....	449.1	31.1	458.2	31.4	Information and arts	19.6	70.1	20.8	63.9
Postal	594.8	83.5	457.9	82.5	Quality assurance inspection and grading	21.4	97.1	19.0	93.0
Engineering and architecture.....	148.8	98.8	152.7	97.1	Math. and statistics.....	14.0	58.4	14.8	67.1
Accounting and budget	113.2	52.9	124.4	48.8	Equipment, facilities, and service.....	18.2	98.0	14.6	95.6
Medical, hospital, dental, and public health.....	93.7	44.6	124.6	36.2	Library and archives.....	8.5	35.8	9.7	36.2
Business and industry	64.5	78.3	73.9	64.5	Other	46.3	95.8	60.1	89.0
Legal and kindred	47.8	52.5	67.9	43.7	Avg. salary, total	(NA)	(X)	\$19.8	(X)
Social science, psychology, and welfare.....	34.2	73.0	59.4	62.8	Professional.....	(NA)	(X)	\$28.5	(X)
Supply	72.1	58.2	56.4	52.1	Administrative.....	(NA)	(X)	\$25.8	(X)
					Technical	(NA)	(X)	\$16.7	(X)
					Clerical	(NA)	(X)	\$14.9	(X)

NA Not available. X Not applicable. ¹ Includes unspecified.

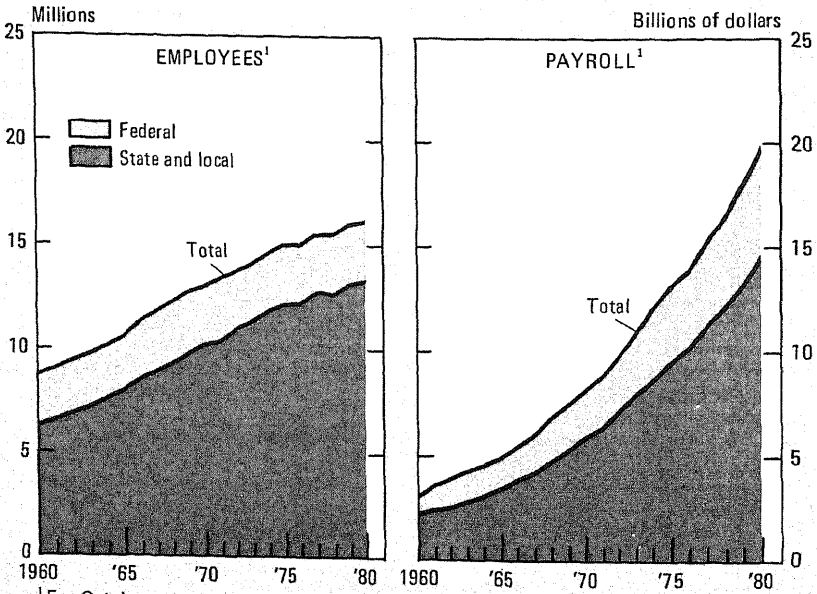
Source: U.S. Office of Personnel Management, *Occupations of Federal White-Collar Workers*, annual.

Figure 10.1
**State and Local Government Taxes—
Percent Distribution, by Type: 1960 to 1980**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 479.

Figure 10.2
Governmental Employment and Payroll: 1960 to 1980



¹ For October.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 506.



Section 10

State and Local Government Finances and Employment

This section presents data on revenues, expenditures, debt, gross assessed value of property, and government employment within State and local governments. Nationwide statistics relating to State and local governments, their numbers, finances, and employment, are compiled primarily by the Bureau of the Census through a program of censuses and surveys. Every fifth year (for years ending in "2" and "7") the Bureau conducts a Census of Governments involving collection of data for all governmental units in the United States. In addition, the Bureau conducts annual surveys which cover all the State governments and a sample of local governments.

Publications issued annually by the Bureau of the Census include a report on governmental finances which presents figures for the Federal Government, nationwide totals for State and local governments, by type, and State-local data by States. Also issued annually are a series of publications on State, city, county, and school finances, and on city, county, and other public employment. Financial data are published in the GF publication series; employment data in the GE series. There are also a series of quarterly reports covering tax revenue, and finances of major public employee retirement systems, as well as a series (GSS) of special studies. *Recurrent Publications on Governments* describes the publication program.

Basic information for Census Bureau statistics on governments is obtained mainly by mail canvass from State and local officials; however, financial data for each of the State governments and for many of the large local governments are compiled from their official records and reports by Census Bureau personnel. Financial data on the Federal Government are obtained by the Bureau from the Office of Management and Budget and are published in the *Budget* (see page 241).

Governmental units.—The governmental structure of the United States includes, in addition to the Federal Government and the States, thousands of local governments—counties, municipalities, townships, school districts, and numerous kinds of "special districts." As shown by table 466, more than 79,800 local governments were identified by the 1977 Census of Governments. As defined by the census, governmental units include all agencies or bodies having an organized existence, governmental character, and substantial autonomy. While most of these governments can impose taxes, many of the special districts—such as independent public housing authorities, the New York Port Authority, and numerous local irrigation, power, and other types of districts—are financed from rentals, charges for services, benefit assessments, grants from other governments, toll charges, and other nontax sources. The count of governments excludes semi-autonomous agencies through which States, cities, and counties sometimes provide for certain functions—for example, "dependent" school systems, State institutions of higher education, and certain other "authorities" and special agencies which are under the administrative or fiscal control of an established governmental unit.

Finances.—Unless otherwise stated, financial data relate to fiscal years. Most States end their fiscal year June 30. This was also the practice of the Federal Government until 1976 when its fiscal year, by an act of Congress, was revised to extend from Oct. 1 to Sept. 30. A three-month quarter (July 1 to Sept. 30, 1976) bridged the transition. Beginning 1963, local government figures are for fiscal years which close at various dates during the 12 months ended June 30 of the year specified; figures for 1962 and earlier years are for fiscal years ended during the calendar year.

Nationwide government finance statistics must be classified and presented in terms of uniform concepts and categories, rather than according to the highly diverse terminology, organization, and fund structure utilized by individual governments. Accordingly, financial statistics which appear here for the Federal Government and for individual States have been standardized and may not agree directly with figures appearing in the original sources.

Statistics on governmental finances distinguish among general government, utilities, liquor stores, and insurance trusts. *General government* comprises all activities except utilities, liquor stores, and insurance trusts. Utilities include local government water supply, electric light and power, gas

supply, and transit systems. Liquor stores are operated by 17 States and by local governments in four States. Insurance trusts relate to employee retirement, unemployment compensation, and other social insurance systems administered by State and local governments.

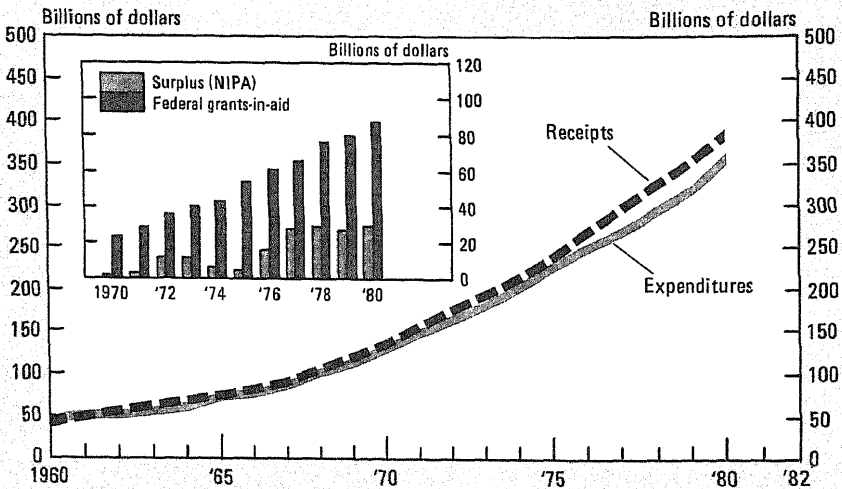
Data for cities relate only to municipal corporations and their dependent agencies, and do not include amounts for other local governments overlying city areas. Therefore, expenditure figures for "education" do not include spending by the separate school districts which administer public schools within most municipal areas. Variations in the assignment of governmental responsibility for public assistance, health, hospitals, public housing, and other functions to a lesser degree also have an important effect upon reported amounts of city expenditure, revenue, and debt. Therefore, any intercity comparisons based upon these figures should be made with caution, and with due recognition of variations that exist among urban areas in the relative role of the municipal corporation.

Employment and payrolls.—These data are based mainly on mail canvassing of State and local governments. Payroll includes all salaries, wages, and individual fee payments for the month specified, and employment relates to all persons on governmental payrolls during a pay period of the month covered—including paid officials, temporary help, and (unless otherwise specified) part-time as well as full-time personnel. Figures shown for individual governments cover major dependent agencies such as institutions of higher education, as well as the basic central departments and agencies of the government.

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

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

Figure 10.3

State and Local Government Finances: 1960 to 1980

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 480.

NO. 466. NUMBER OF GOVERNMENTAL UNITS, BY LEVEL OF GOVERNMENT: 1942 TO 1977

[See text, p. 273]

LEVEL OF GOVERNMENT	1942	1952	1957	1962	1967	1972	1977
Total	155,116	116,743	102,328	91,237	81,299	78,269	79,913
U.S. Government.....	1	1	1	1	1	1	1
States.....	48	48	48	50	50	50	50
Local governments.....	155,067	116,694	102,279	91,186	81,248	78,218	79,862
Counties.....	3,050	3,049	3,047	3,043	3,049	3,044	3,042
Municipalities.....	16,220	16,778	17,183	18,000	18,048	18,517	18,862
Townships and towns.....	18,919	17,202	17,198	17,142	17,105	16,991	16,822
School districts.....	108,579	67,346	50,446	34,678	21,782	15,781	15,174
Special districts.....	8,299	12,319	14,405	18,323	21,264	23,885	25,962

Source: U.S. Bureau of the Census, *Census of Governments: 1967, 1972, and 1977*, vol. 1, *Governmental Organization*.

NO. 467. ALL GOVERNMENTS—REVENUE, EXPENDITURE, AND DEBT: 1950 TO 1980

[Prior to 1960, excludes Alaska and Hawaii. Excludes intergovernmental revenue and expenditure. Local government amounts are estimates subject to sampling variation; see Appendix III and source. See also *Historical Statistics, Colonial Times to 1970*, series Y 505-637 and Y 655-848]

ITEM AND YEAR	All Governments (bil. dol.)	FEDERAL ¹		STATE AND LOCAL (bil. dol.)			ANNUAL PERCENT CHANGE ²		PER CAPITA ³ (dollars)		
		Total (bil. dol.)	Per- cent of total	Total	State	Local	Federal	State and local	Total	Federal	State and local
Revenue:											
1950.....	67	44	65.3	23	11	12	-3.3	7.3	440	287	153
1955.....	106	72	67.6	34	17	18	12.9	9.3	644	435	209
1960.....	153	100	65.2	53	26	27	6.8	7.8	851	554	296
1965.....	203	126	62.1	77	39	38	4.8	8.5	1,045	649	396
1970.....	334	206	61.6	128	69	60	3.0	13.3	1,642	1,011	631
1972.....	383	223	58.3	159	84	75	4.5	11.5	1,839	1,073	766
1973.....	432	254	58.8	178	97	81	12.7	12.6	2,059	1,211	850
1974.....	484	288	59.5	196	108	88	13.6	9.9	2,289	1,367	927
1975.....	519	302	58.2	217	119	98	5.0	10.7	2,436	1,418	1,018
1976.....	571	324	56.6	248	139	109	7.0	14.2	2,661	1,507	1,154
1977.....	658	383	58.1	275	156	120	18.1	11.1	3,039	1,766	1,272
1978.....	732	430	58.7	302	172	130	12.3	9.4	3,356	1,971	1,385
1979.....	829	500	60.3	330	190	140	16.3	9.3	3,768	2,270	1,498
1980.....	932	564	60.5	369	213	156	12.8	11.8	4,116	2,489	1,627
Expenditure:											
1950.....	70	42	60.3	28	11	17	11.1	15.5	464	280	184
1955.....	111	70	63.5	40	14	26	10.8	7.4	670	426	244
1960.....	151	90	59.7	61	22	39	5.2	8.8	841	502	339
1965.....	206	119	57.9	87	31	55	5.7	7.4	1,061	614	447
1970.....	333	185	55.5	148	56	92	4.5	12.1	1,638	910	728
1972.....	399	209	52.3	190	72	118	6.2	12.7	1,917	1,002	915
1973.....	437	231	53.0	205	78	127	9.4	8.7	2,081	1,103	978
1974.....	478	253	52.8	226	86	139	9.2	10.1	2,263	1,195	1,069
1975.....	560	292	52.1	268	107	161	15.5	18.8	2,628	1,370	1,259
1976.....	625	322	51.5	303	123	180	10.3	14.6	2,912	1,500	1,417
1977.....	682	359	52.8	323	129	194	11.5	6.6	3,154	1,661	1,494
1978.....	745	400	53.7	345	137	209	11.5	7.5	3,418	1,835	1,584
1979.....	832	452	54.3	380	149	232	13.0	10.2	3,782	2,054	1,728
1980.....	959	526	54.8	432	173	259	16.4	13.7	4,232	2,324	1,909
Debt outstanding: ⁴											
1950.....	281	257	91.4	24	5	19	.6	12.4	1,856	1,697	159
1955.....	319	274	86.1	44	11	33	1.3	12.9	1,928	1,660	268
1960.....	356	286	80.4	70	19	51	.9	9.7	1,979	1,591	389
1965.....	417	317	76.1	100	27	72	2.1	7.4	2,150	1,637	513
1970.....	514	371	72.1	144	42	102	4.8	7.5	2,531	1,825	706
1972.....	602	427	71.5	175	54	120	8.5	9.9	2,938	2,100	898
1973.....	657	468	71.3	188	59	129	7.1	7.4	3,130	2,232	898
1974.....	693	486	70.2	207	65	141	3.8	9.6	3,278	2,300	977
1975.....	764	544	71.1	220	72	148	11.9	6.4	3,591	2,553	1,038
1976.....	872	631	72.4	241	85	156	16.0	9.4	4,061	2,941	1,121
1977.....	969	709	73.2	260	90	169	12.3	8.0	4,477	3,278	1,200
1978.....	1,061	780	73.5	280	103	178	10.0	8.9	4,865	3,579	1,286
1979.....	1,138	834	73.3	304	112	192	6.9	8.4	5,170	3,788	1,382
1980.....	1,250	914	73.1	336	122	214	9.6	10.5	5,518	4,037	1,481

¹ Data adjusted to system for reporting State and local data and therefore differ from figures in section 9 tables. ² Represents average for period of intervals shown; for 1950, change from 1948. For explanation, see Guide to Tabular Presentation. Minus sign (-) denotes decrease. ³ All years except 1970 and 1980 based on estimated population as of July 1; 1970 and 1980 based on resident population enumerated as of Apr. 1. Includes Armed Forces abroad through 1955; thereafter, resident population. Excludes intergovernmental amounts. ⁴ As of end of fiscal year.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 4, No. 5, *Compendium of Government Finances*, and vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual.

NO. 468. ALL GOVERNMENTS—SUMMARY OF FINANCES: 1960 TO 1980

[In billions of dollars, except as indicated. Federal data adjusted to system for reporting State and local data. Local government amounts are estimates subject to sampling variation; see Appendix III. "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series Y 522-530 and Y 534-566]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980
Revenue, total ¹	153.1	202.6	333.8	519.3	571.2	657.5	731.7	829.4	932.2
Revenue from own sources:									
Federal.....	99.8	125.8	205.6	302.3	323.5	383.5	429.7	499.6	563.7
Percent of total.....	65.2	62.1	61.6	58.2	56.5	58.3	58.7	60.2	60.5
State and local.....	53.3	76.7	128.2	217.0	247.7	275.4	302.0	329.8	368.5
State.....	26.1	38.5	68.7	119.2	139.1	155.8	171.6	189.9	212.6
Local.....	27.2	38.2	59.6	97.8	108.6	119.6	130.5	139.9	155.9
General revenue ¹	130.6	169.7	272.5	402.9	438.3	506.3	565.6	640.5	716.6
Taxes ²	113.1	145.0	232.9	331.4	358.2	419.8	468.2	524.4	574.2
Individual income.....	43.2	52.9	101.2	143.8	156.2	186.0	214.2	254.8	286.1
Corporation income.....	22.7	27.4	36.6	47.3	48.7	64.1	70.7	77.8	77.9
Sales and gross receipts.....	24.5	32.9	48.6	70.9	76.3	83.8	93.0	101.0	112.0
Property.....	16.4	22.6	34.1	51.5	57.0	62.5	66.4	64.9	68.5
Charges and miscellaneous.....	17.5	24.7	39.6	71.4	80.1	86.5	97.4	116.1	142.4
Utilities and liquor stores.....	4.9	6.4	8.6	13.3	15.1	17.5	20.0	22.6	25.6
Insurance trusts ³	17.6	26.5	52.7	103.1	117.8	133.7	146.1	166.2	190.0
OASDHI ⁴ (Federal Social Security).....	10.7	16.7	36.5	75.6	80.3	92.5	104.5	120.5	139.4
Employee retirement.....	2.9	4.5	8.2	14.9	17.3	20.1	22.2	25.3	29.1
Unemployment compensation.....	2.5	3.4	3.2	8.3	15.6	15.8	13.4	13.1	13.7
Expenditures, total ¹	151.3	205.6	333.0	560.1	625.1	682.5	745.4	832.4	958.7
Direct expenditure:									
Federal.....	90.3	119.0	184.9	291.9	322.0	359.3	400.1	452.0	526.3
Percent of total.....	59.7	57.9	55.5	52.1	51.4	52.7	53.7	54.3	54.9
State and local.....	61.0	86.7	148.1	268.2	303.0	323.2	345.3	380.4	432.3
State.....	22.2	31.5	56.2	106.9	123.1	128.8	136.5	148.7	173.3
Local.....	38.8	55.2	91.9	161.3	180.0	194.4	208.8	231.7	259.0
Current operation.....	81.7	122.6	197.0	305.2	335.3	368.0	402.2	446.9	517.0
Capital outlay.....	31.9	33.7	47.5	66.6	71.6	75.2	81.1	93.2	99.4
Construction.....	15.8	20.9	28.4	43.0	45.2	43.8	44.7	51.7	58.4
Equipment ⁴	14.4	9.6	15.9	18.8	22.0		31.4	36.4	41.4
Land and existing buildings ⁴	1.7	3.3	3.2	4.8	4.4				
Assistance and subsidies.....	10.4	12.5	20.8	44.0	47.7	48.8	54.0	57.2	64.0
Interest on debt.....	9.7	12.0	19.2	35.1	41.0	46.4	53.4	64.2	78.9
Insurance benefits and repayments.....	17.6	24.9	48.5	109.2	129.4	144.1	154.8	170.9	199.4
Exhibit: Personal services.....	47.1	65.7	110.5	163.7	180.4	194.0	211.6	227.5	250.9
General expenditure ¹	128.6	173.7	275.0	433.6	476.1	514.0	564.3	630.7	723.1
National defense and international relations.....	40.9	55.8	84.3	93.9	98.0	105.6	114.8	128.5	149.5
Military services only.....	41.3	48.4	76.6	86.6	91.0	97.8	105.8	118.3	137.5
Postal service.....	3.7	5.3	7.7	12.7	13.7	14.6	15.3	16.6	18.2
Education.....	19.4	29.6	55.8	95.0	106.3	110.6	118.8	129.4	143.8
State institutions of higher education.....	2.9	5.3	11.0	17.7	24.3	26.0	28.4	30.1	33.9
Local schools.....	15.2	22.0	37.5	61.5	67.7	71.5	76.7	83.4	92.9
Other education.....	1.3	2.3	7.3	15.8	14.3	13.1	13.7	16.0	17.0
Highways.....	9.6	12.3	16.7	22.8	24.2	23.3	24.9	29.0	33.7
Public welfare.....	4.5	6.4	17.5	39.4	45.1	49.4	54.2	59.1	64.8
Categorical public assistance ⁵	3.0	3.7	6.9	14.1	15.6	16.2	18.1	17.7	19.6
Other public assistance ⁶	.3	.3	.6	1.8	2.1	1.3	2.4	1.3	1.3
Other public welfare ⁷	1.1	2.5	10.0	23.5	27.4	31.9	33.7	40.1	43.8
Hospitals.....	4.2	5.9	9.7	17.4	18.9	21.3	22.8	25.7	29.2
Health.....	1.0	1.8	3.9	7.5	8.6	9.3	10.2	11.4	14.1
Police.....	2.0	2.8	4.9	9.6	10.7	11.8	12.9	13.9	15.2
Local fire protection.....	1.0	1.3	2.0	3.5	3.9	4.4	4.8	5.1	5.7
Sanitation.....	1.7	2.4	3.4	7.5	8.2	9.4	9.9	11.8	13.2
Natural resources.....	7.1	11.0	11.5	18.1	19.4	22.4	26.3	30.3	35.2
Stabilization of farm prices and income.....	3.4	5.8	4.3	2.4	1.3	2.2	3.6	3.7	6.0
Parks and recreation.....	.8	1.1	1.9	3.5	3.9	5.7	6.7	7.4	8.2
Housing and urban renewal.....	1.1	2.2	3.2	5.9	5.4	5.6	6.0	8.0	12.1
Veterans services, n.e.c.....	3.8	4.2	5.5	8.6	9.3	10.2	10.8	11.6	12.5
Financial administration and general control.....	2.9	3.8	6.3	11.9	13.4	14.8	16.7	18.7	20.7
Interest on general debt.....	9.3	11.4	18.4	33.8	39.6	44.5	51.3	61.8	76.0
Air and water transport and terminals.....	2.0	2.7	4.0	5.2	5.4	5.7	6.1	7.0	8.4
Other and unallocable.....	5.6	13.7	18.2	37.0	42.1	45.6	51.8	55.2	62.4
Utility and liquor stores.....	5.1	7.1	9.4	17.3	19.5	24.2	26.3	30.8	36.2
Insurance trusts ³	17.6	24.9	48.5	109.2	129.4	144.1	154.8	170.9	199.4
OASDHI ⁴ (Federal Social Security).....	10.8	16.6	35.8	76.6	88.3	103.2	115.0	129.2	149.5
Employee retirement.....	2.2	3.5	6.4	14.6	16.8	19.2	21.8	24.8	29.1
Unemployment compensation.....	2.6	2.4	2.8	12.4	18.1	14.9	10.9	9.0	12.3

¹ Excludes duplicative transactions between levels of government. ² Includes other items, not shown separately. ³ Old-age, survivors, disability, and health insurance. ⁴ "Equipment" and "land and existing buildings" were consolidated into a single expenditure category beginning 1977. ⁵ Old-age assistance, aid to families with dependent children, aid to the blind, and aid to the disabled. ⁶ Cash assistance for general relief wholly financed from State and local sources. ⁷ Vendor payments under various public welfare programs, including the medicaid program.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual.

NO. 469. ALL GOVERNMENTS—PERCENT AND PER CAPITA DISTRIBUTION OF FINANCES: 1960 TO 1980

[See headnote, table 468. OASDHI=Old-age, survivors, disability, and health insurance]

ITEM	PERCENT DISTRIBUTION					PER CAPITA ¹ (dol.)				
	1960	1970	1975	1979	1980	1960	1970	1975	1979	1980
Revenue, total ²	100.0	100.0	100.0	100.0	100.0	851	1,642	2,436	3,768	4,116
Revenue from own sources:										
Federal	65.2	61.6	58.2	60.2	60.5	554	1,011	1,418	2,270	2,489
State and local	34.8	38.4	41.8	39.8	39.4	296	631	1,018	1,498	1,627
State	17.2	20.6	23.0	22.9	22.8	145	338	559	863	939
Local	17.5	17.9	18.8	16.9	16.7	151	293	459	635	688
General revenue ²	87.7	81.6	77.6	77.2	76.9	726	1,341	1,890	2,910	3,164
Taxes	76.6	69.8	63.8	63.2	61.6	628	1,146	1,555	2,383	2,535
Individual income	24.7	30.3	27.7	30.7	30.7	240	498	675	1,158	1,263
Corporation income	16.6	11.0	9.1	9.4	8.4	126	180	222	354	344
Sales and gross receipts	19.5	14.6	13.7	12.2	12.0	136	239	333	459	494
Property	10.9	10.2	9.9	7.8	7.3	91	168	242	295	302
Other	4.6	3.7	3.5	3.1	3.2	36	61	84	118	131
Charges and miscellaneous	11.1	11.9	13.8	14.0	15.3	97	195	335	527	629
Utilities and liquor stores	4.0	2.6	2.6	2.7	2.7	27	42	63	103	113
Insurance trusts ³	8.2	15.8	19.8	20.0	20.4	98	259	484	755	839
OASDHI (Federal Social Security)	3.1	11.5	14.6	14.5	15.0	59	189	355	548	615
Employee retirement	1.5	2.5	2.9	3.1	3.1	16	40	70	115	128
Unemployment compensation	1.8	1.0	1.6	1.6	1.5	14	16	39	60	60
Expenditures, total ²	100.0	100.0	100.0	100.0	100.0	841	1,638	2,628	3,782	4,232
Direct expenditure:										
Federal	59.7	55.5	52.1	54.3	54.9	502	910	1,370	2,054	2,324
State and local	40.3	44.5	47.9	45.7	45.1	339	729	1,259	1,728	1,909
State	14.7	16.9	19.1	17.9	18.1	123	277	502	676	765
Local	25.6	27.6	28.8	27.8	27.0	216	452	757	1,053	1,143
Current operation	54.0	59.2	54.5	53.7	53.9	454	969	1,432	2,031	2,283
Capital outlay	21.1	14.3	11.9	11.2	10.4	177	234	313	423	439
Construction	10.4	8.5	7.7	6.2	6.1	88	140	202	235	258
Equipment ⁴	9.5	4.8	3.4	5.0	4.3	80	78	88	188	181
Land and existing buildings ⁴	1.1	1.0	.9			9	16	23		
Assistance and subsidies	6.9	6.2	7.8	6.9	6.7	58	102	206	260	283
Interest on debt	6.4	5.8	6.3	7.7	8.2	54	94	165	292	348
Insurance benefits and repayments	11.6	14.6	19.5	20.5	20.8	98	239	513	776	880
Exhibit: Personal services	31.7	33.2	30.7	27.3	26.2	262	544	808	1,034	1,108
General expenditure ²	85.0	82.6	77.4	75.8	75.4	714	1,353	2,035	2,865	3,192
National defense and int'l relations	32.3	25.3	16.8	15.4	15.6	272	415	441	584	660
Military services only	27.3	23.0	15.4	14.2	14.3	229	377	406	537	625
Postal service	2.4	2.3	2.3	2.0	1.9	21	38	59	75	80
Education	12.8	16.8	17.0	15.5	15.0	108	275	446	588	635
State institutions of higher education	1.9	3.3	3.4	3.6	3.5	16	54	83	137	150
Local schools	10.0	11.3	11.1	10.0	9.7	84	185	289	379	410
Other education	.9	2.2	2.8	1.9	1.8	7	36	74	73	75
Highways	6.3	5.0	4.1	3.5	3.5	53	82	107	132	149
Public welfare ⁵	3.0	5.3	7.0	7.1	6.8	25	86	185	269	286
Categorical public assistance	2.0	2.1	2.5	2.1	2.0	17	34	66	80	86
Other public assistance	.2	.2	.3	.2	.1	2	3	8	6	6
Other public welfare	.7	3.0	4.2	4.8	4.6	6	49	110	182	194
Hospitals	2.8	2.9	3.1	3.1	3.0	23	48	82	117	129
Health	.7	1.2	1.3	1.4	1.5	6	19	35	52	62
Police	1.3	1.5	1.7	1.7	1.6	11	24	45	63	67
Local fire protection	.7	.6	.6	.6	.6	6	10	16	23	25
Sanitation	1.1	1.0	1.3	1.4	1.4	9	17	35	54	58
Natural resources	4.7	3.5	3.2	3.6	3.7	39	57	85	138	155
Farm prices and income stabilization	2.2	1.3	.4	.4	.6	19	21	11	17	27
Parks and recreation	.5	.6	.6	.9	.9	4	9	16	34	36
Housing and urban renewal	.7	1.0	1.0	1.0	1.3	6	16	27	36	54
Veterans services, n.e.c. ⁶	2.5	1.7	1.6	1.4	1.3	21	27	42	53	55
Financial admin. and gen. control	1.9	1.9	2.1	2.2	2.2	16	31	56	85	92
Interest on general debt	6.1	5.5	6.0	7.4	7.9	52	91	159	281	336
Air, water transport and terminals	1.3	1.2	.9	.8	.9	11	20	25	32	37
Other and unallocable	3.7	5.5	6.6	6.4	6.5	31	90	174	251	276
Utility and liquor stores	3.4	2.8	3.1	3.7	3.8	28	46	81	140	160
Insurance trusts ³	11.6	14.6	19.5	20.0	20.8	98	239	513	776	880
OASDHI (Federal Social Security)	7.1	10.8	13.7	14.5	15.6	60	176	359	587	679
Employee retirement	1.5	1.9	2.6	3.0	3.0	12	31	68	113	131
Unemployment compensation	1.7	.8	2.2	1.6	1.3	14	14	58	41	56

¹ See footnote 3, table 467. ² See footnote 1, table 468. ³ Includes other items, not shown separately. ⁴ See footnote 4, table 468. ⁵ See footnotes 5, 6, and 7, table 468. ⁶ Not elsewhere classified.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual; and unpublished data.

NO. 470. ALL GOVERNMENTS—REVENUES, BY SOURCE AND LEVEL: 1970 TO 1980

[In billions of dollars. Local government amounts are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 567-584 and Y 652-665]

SOURCE OF REVENUE	1970		1975		1978		1979		1980	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
Total revenue	205.6	¹150.1	303.5	¹264.0	431.3	¹371.6	500.9	¹404.9	555.5	¹451.5
General revenue.....	163.6	¹ 130.8	223.0	¹ 228.2	320.8	¹ 316.0	373.8	¹ 343.3	419.1	¹ 382.3
Intergovernmental.....	(X)	21.9	1.2	47.1	1.6	69.6	1.3	75.2	1.8	83.0
From Federal government.....	(X)	21.9	(X)	47.1	(X)	69.6	(X)	75.2	(X)	83.0
From State governments.....	(X)	⁽¹⁾	1.2	⁽¹⁾	1.6	⁽¹⁾	1.3	⁽¹⁾	1.8	⁽¹⁾
From local governments.....	(X)	⁽¹⁾	(X)	⁽¹⁾	(X)	⁽¹⁾	(X)	⁽¹⁾	(X)	⁽¹⁾
From other sources.....	163.6	108.9	221.7	181.1	319.2	246.4	372.4	268.1	417.3	299.3
Taxes ²	146.1	86.8	190.0	141.5	274.5	193.6	318.9	205.5	350.8	223.5
Property.....	(X)	34.1	(X)	51.5	(X)	66.4	(X)	64.9	(X)	68.5
Individual income.....	90.4	10.8	122.4	21.5	181.0	33.2	217.8	36.9	244.1	42.1
Corporation income.....	32.8	3.7	40.6	6.6	60.0	10.7	65.7	12.1	64.6	13.3
Sales and gross receipts ²	18.3	30.3	21.1	49.8	25.5	67.6	26.7	74.2	32.0	79.9
General.....	(X)	16.1	(X)	29.1	(X)	41.5	(X)	46.6	(X)	51.3
Selective ²	18.3	14.2	21.1	20.7	25.5	26.1	26.7	27.7	32.0	28.6
Motor fuel.....	3.8	6.3	4.5	8.3	5.1	9.6	5.2	10.1	4.9	9.8
Alcoholic beverages.....	4.7	1.5	5.3	2.1	5.6	2.4	5.6	2.5	5.7	2.6
Tobacco products.....	2.1	2.4	2.3	3.4	2.5	3.8	2.5	3.8	2.4	3.9
Public utilities.....	1.7	1.5	2.9	3.1	2.9	4.7	2.8	5.2	2.9	5.9
Death and gift tax.....	3.6	1.0	4.6	1.4	5.3	1.8	5.4	2.0	6.4	2.0
Charges and miscellaneous ²	17.5	22.1	31.8	39.7	44.7	52.7	53.5	62.6	66.6	75.8
Education.....	(Z)	5.8	(Z)	9.1	.1	11.4	.1	12.4	.1	13.8
Postal service.....	6.2	(X)	9.6	(X)	13.5	(X)	15.4	(X)	16.4	(X)
Hospitals.....	(Z)	3.1	(Z)	6.0	(Z)	9.2	.1	11.0	.1	12.7
Natural resources ³	2.3	.6	3.0	.8	6.2	1.5	7.5	1.7	9.9	1.9
Sewerage and sanitation.....	(X)	1.2	(X)	2.5	(X)	3.6	(X)	4.2	(X)	4.9
Utility and liquor stores.....	(X)	8.6	(X)	13.3	(X)	20.0	(X)	22.6	(X)	25.6
Insurance trusts.....	42.0	10.7	80.5	22.5	110.5	35.6	127.2	39.0	146.4	43.7

X Not applicable. Z Less than \$50 million. ¹Aggregates exclude duplicative transactions between State and local governments; see source. ²Includes other amounts not shown separately. ³Includes parks and recreation.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on State and Local Government Finances and Employment*, and *Governmental Finances*, series GF No. 5, annual.

NO. 471. ALL GOVERNMENTS—GENERAL EXPENDITURE, BY FUNCTION AND LEVEL: 1970 TO 1980

[In billions of dollars. Local government amounts are estimates subject to sampling variation; see source and Appendix III. Aggregates exclude duplicative transactions between levels of government. See also *Historical Statistics, Colonial Times to 1970*, series Y 605-631 and Y 682-704]

FUNCTION	1970		1975		1978		1979		1980	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
Total, all functions	166.9	¹131.3	253.5	¹230.7	348.0	¹297.0	389.8	¹327.8	446.6	¹369.3
Direct general.....	143.7	131.3	203.9	229.7	268.8	295.5	304.7	326.0	355.8	367.3
Intergovernmental.....	23.3	(X)	49.6	² 1.0	79.2	² 1.5	85.2	² 1.8	90.8	² 2.0
National defenses and international relations.....	84.3	(X)	93.9	(X)	114.8	(X)	128.5	(X)	149.5	(X)
Postal service.....	7.7	(X)	12.7	(X)	15.3	(X)	16.6	(X)	18.2	(X)
Education.....	6.9	52.7	16.1	87.9	19.6	110.8	21.4	119.4	23.5	133.2
Highways.....	4.9	16.4	5.1	22.5	6.5	24.6	7.7	28.4	9.9	33.3
Public welfare.....	10.4	14.7	26.6	28.2	36.6	39.2	42.2	40.4	47.7	45.6
Health and hospitals.....	4.9	9.7	8.0	18.8	10.6	25.0	11.9	28.2	14.6	32.2
Natural resources ³	9.0	2.7	14.7	4.2	23.7	4.2	27.1	4.7	31.4	5.5
Housing and urban renewal.....	2.7	2.1	5.1	3.5	5.3	3.7	9.6	4.7	12.2	6.1
Space research and technology.....	3.7	(X)	3.3	(X)	4.0	(X)	4.2	(X)	4.9	(X)
Air transportation.....	1.2	1.0	2.0	1.4	2.9	1.6	2.9	1.9	3.2	2.5
Social insurance administration.....	1.7	.8	2.7	1.5	3.7	1.8	3.9	1.8	4.4	2.0
Interest on general debt.....	14.0	4.4	25.0	8.8	39.3	12.0	48.8	13.0	61.3	14.7
Other and combined.....	13.6	26.8	38.3	53.9	65.7	74.2	65.1	83.4	66.0	92.3

X Not applicable. ¹Excludes duplicative transactions between State and local governments. ²State contributions to Federal government. ³Excludes parks and recreation.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on State and Local Government Finances and Employment*, and *Governmental Finances*, series GF No. 5, annual.

NO. 472. ALL GOVERNMENTS—REVENUE AND EXPENDITURE, BY LEVEL OF GOVERNMENT: 1980

[Local government amounts are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 505-637 and Y 652-848]

SOURCE OF REVENUE AND TYPE OF EXPENDITURE	All governments (mil. dol.)	Federal (mil. dol.)	State (mil. dol.)	Local (mil. dol.)	PERCENT		PER CAPITA ¹ (dol.)	
					Federal	State and local ²	Federal	State and local ²
Revenue	2 932,199	565,477	276,962	2 258,298	100.0	100.0	2,497	1,994
Intergovernmental revenue.....	(²)	1,787	64,326	102,425	.3	18.4	8	367
Revenue from own sources.....	932,199	563,690	212,636	155,873	99.7	81.6	2,489	1,627
General revenue from own sources.....	716,629	417,336	169,266	130,027	74.0	66.3	1,843	1,321
Percent of total revenue.....	76.9	74.0	61.1	50.3	(x)	(x)	(x)	(x)
Taxes ³	574,244	350,781	137,075	86,387	62.0	49.5	1,549	987
Property.....	68,499	(x)	2,892	65,607	(x)	15.2	(x)	302
Individual income.....	286,149	244,069	37,089	4,990	43.2	9.3	1,078	186
Corporation income.....	77,921	64,600	13,321	(⁴)	11.4	3.0	285	59
Sales and gross receipts.....	111,961	32,034	67,855	12,072	5.7	17.7	141	353
Customs duties.....	7,436	7,436	(x)	(x)	1.3	(x)	33	(x)
General sales and gross receipts.....	51,328	(x)	43,168	8,160	(x)	11.4	(x)	227
Selective sales and gross receipts ⁵	53,197	24,598	24,687	3,912	4.3	6.3	109	126
Motor fuel.....	14,709	4,887	9,722	100	.9	2.2	22	43
Alcoholic beverages.....	8,327	5,685	2,478	164	1.0	.6	25	12
Tobacco products.....	6,320	2,446	3,798	136	.4	.9	11	17
Public utilities.....	8,755	2,867	3,359	2,529	.5	1.3	13	26
Motor vehicle and operators' licenses.....	5,713	(x)	5,325	388	(x)	1.3	(x)	25
Death and gift.....	8,424	6,389	2,035	(x)	1.1	.5	28	9
Charges and misc. general revenue ⁶	142,385	66,555	32,190	43,640	11.8	16.8	294	335
Current charges ⁷	80,132	35,759	16,545	27,828	6.3	9.8	158	196
National defense and international relations.....	4,820	4,820	(x)	(x)	.9	(x)	21	(x)
Postal service.....	16,401	16,401	(x)	(x)	2.9	(x)	72	(x)
Education ⁸	13,844	88	9,267	4,480	(z)	3.0	(z)	61
School lunch sales.....	2,013	(x)	6	2,007	(x)	.4	(x)	9
Higher education.....	10,497	88	9,096	1,313	(z)	2.3	(z)	46
Natural resources.....	10,630	9,904	480	246	1.8	.2	44	3
Hospitals.....	12,825	92	3,497	9,236	(z)	2.8	(z)	56
Sewerage and sanitation.....	4,873	(x)	4	4,870	(x)	1.1	(x)	22
Parks and recreation.....	1,216	42	284	891	(z)	.3	(z)	5
Housing and urban renewal.....	2,162	852	102	1,208	.2	.3	4	6
Air transportation.....	1,844	18	190	1,636	(z)	.4	(z)	8
Water transport and terminals.....	1,258	437	249	572	.1	.2	2	4
Special assessments.....	1,288	(x)	33	1,255	(x)	.3	(x)	6
Sale of property.....	926	409	87	430	.1	.1	2	2
Interest earnings.....	28,616	11,591	8,859	8,166	2.0	3.8	51	75
Utility revenue.....	22,359	(x)	1,304	21,055	(x)	5.0	(x)	99
Liquor stores revenue.....	3,201	(x)	2,765	435	(x)	.7	(x)	14
Insurance trust revenue.....	190,010	146,354	39,301	4,355	25.9	10.0	646	193
Expenditure	2 958,657	617,166	257,812	2 260,777	100.0	100.0	2,725	1,916
Intergovernmental expenditure.....	(²)	90,836	84,504	1,757	14.7	.4	401	(x)
General revenue sharing.....	(²)	6,835	(x)	(x)	1.1	(x)	30	8
Direct expenditure.....	958,657	526,330	173,307	259,019	85.3	99.6	2,324	1,909
General expenditure.....	723,094	355,754	143,718	223,621	57.6	84.6	1,571	1,622
Percent of total expenditure.....	75.4	57.6	55.7	85.8	(x)	(x)	(x)	(x)
Utility expenditure.....	33,599	(x)	2,401	31,198	(x)	7.7	(x)	148
Liquor stores expenditure.....	2,591	(x)	2,207	385	(x)	.6	(x)	11
Insurance trust expenditure.....	199,373	170,576	24,981	3,815	27.6	6.6	753	127
By character and object:								
Current operation.....	517,011	209,200	108,131	199,680	33.9	70.9	924	1,359
Capital outlay.....	99,386	36,492	23,325	39,568	5.9	14.5	161	278
Construction.....	58,410	6,918	19,736	31,755	1.1	11.9	31	227
Equip., land and existing structures.....	40,976	29,574	3,589	7,813	4.8	2.6	130	51
Assistance and subsidies.....	63,998	48,776	9,818	5,404	7.9	3.5	215	67
Interest on debt.....	78,890	61,286	7,053	10,552	9.9	4.1	271	78
Insurance benefits and repayments.....	199,373	170,576	24,981	3,815	27.6	6.6	753	127
Expenditure for salaries and wages	250,886	86,990	48,793	115,103	14.1	37.8	384	724

X Not applicable. Z Less than .05 percent or \$50. ¹ Based on resident population as of April 1, 1980. ² Aggregates exclude duplicative transactions between levels of government; see source. ³ Includes amounts not shown separately. ⁴ Minor amount included in individual income tax. ⁵ Includes pay and allowances of military personnel.

Source: U.S. Bureau of the Census, *Governmental Finances in 1979-80*, series GF 80, No. 5.

No. 473. ALL GOVERNMENTS—TAX REVENUE, BY SOURCE AND LEVEL: 1960 TO 1980

[Local government amounts are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 507-512, Y 569-579, Y 657-662, Y 716-727, and Y 802-806]

SOURCE AND YEAR	ALL GOVERNMENT		FEDERAL ¹		STATE AND LOCAL		ANNUAL PERCENT CHANGE ²			PER CAPITA ³ (dollars)	
	Total (mil. dol.)	Per cent of total	Total (mil. dol.)	Per cent of all govt.	State (mil. dol.)	Local (mil. dol.)	Federal	State	Local	Federal	State and local
Total:											
1960	113,120	100.0	77,003	68.1	18,036	18,081	6.0	9.2	8.8	428	201
1965	144,963	100.0	93,710	64.6	26,126	25,116	4.0	7.7	6.8	483	264
1970	232,677	100.0	146,082	62.7	47,962	38,833	9.3	12.9	9.1	719	427
1974	314,785	100.0	184,112	58.5	74,207	56,467	6.0	11.5	9.8	871	618
1975	331,435	100.0	189,970	57.3	80,155	61,310	3.2	8.0	8.5	892	664
1976	358,227	100.0	201,414	56.2	89,256	67,557	6.0	11.4	10.2	938	731
1977	419,721	100.0	243,842	58.1	101,085	74,794	21.1	13.3	10.7	1,127	813
1978	468,161	100.0	274,519	58.6	113,261	80,381	12.6	12.0	7.5	1,259	888
1979	524,446	100.0	318,932	60.8	124,908	80,606	16.1	10.3	3	1,449	934
1980	574,244	100.0	350,781	61.1	137,075	86,387	10.0	9.8	7.2	1,549	987
Individual income:											
1960	43,178	38.2	40,715	94.3	2,209	* 254	7.2	15.1	12.2	226	14
1965	52,882	36.5	48,792	92.3	3,657	* 433	3.7	10.6	11.3	252	21
1970	101,224	43.5	90,412	89.3	9,183	* 1,630	13.1	20.2	30.4	445	53
1974	138,443	43.9	118,952	85.9	17,078	* 2,413	7.1	16.8	10.3	583	92
1975	143,840	43.4	122,386	85.1	18,819	* 2,635	2.9	10.2	9.2	574	101
1976	156,178	43.6	131,603	84.3	21,448	* 3,127	7.5	14.0	18.7	613	114
1977	185,970	44.3	156,725	84.3	25,493	* 3,752	19.1	18.9	20.0	724	135
1978	214,164	45.7	180,988	84.5	29,105	* 4,071	15.5	14.2	8.5	830	152
1979	254,773	48.6	217,841	85.5	32,622	* 4,309	20.4	12.1	5.8	890	168
1980	286,149	49.8	244,069	85.3	37,089	* 4,990	12.0	13.7	15.8	1,078	186
Corporation income:											
1960	22,674	20.0	21,494	94.8	1,180	(*)	3.8	9.9	(*)	119	7
1965	27,390	18.9	25,461	93.0	1,929	(*)	3.4	10.3	(*)	131	10
1970	36,567	15.7	32,829	89.8	3,738	(*)	5.2	14.2	(*)	162	18
1974	44,635	14.1	33,620	86.5	6,015	(*)	.6	12.6	(*)	183	28
1975	47,263	14.3	40,621	85.9	6,642	(*)	5.2	10.4	(*)	191	31
1976	48,682	13.6	41,409	85.1	7,273	(*)	1.9	9.5	(*)	193	34
1977	64,056	15.3	54,892	85.7	9,174	(*)	32.6	26.1	(*)	254	42
1978	70,690	15.1	59,952	84.8	10,738	(*)	9.2	17.0	(*)	275	49
1979	77,805	14.8	65,677	84.4	12,128	(*)	9.5	12.9	(*)	298	55
1980	77,921	13.6	64,500	82.9	13,321	(*)	-1.6	9.8	(*)	285	59
Sales and gross receipts: ⁵											
1960	24,452	21.6	12,603	51.5	10,510	1,339	5.6	8.9	11.4	70	66
1965	32,904	22.7	15,786	48.0	15,059	2,059	4.6	7.5	9.0	81	88
1970	48,619	20.9	18,297	37.6	27,254	3,068	3.0	12.6	7.9	90	149
1974	66,632	21.1	20,534	30.8	40,556	5,542	2.9	10.5	15.9	97	218
1975	70,905	21.4	21,090	29.7	43,446	6,468	2.7	6.9	16.7	99	234
1976	76,285	21.3	21,718	28.5	47,391	7,156	3.0	9.3	10.6	101	254
1977	83,775	20.0	23,180	27.7	52,362	8,232	6.7	10.5	15.0	107	280
1978	93,049	19.9	25,453	27.4	58,270	9,326	9.8	11.3	13.3	117	310
1979	100,961	19.3	28,714	26.5	63,668	10,579	4.9	9.3	13.4	121	337
1980	111,961	19.5	32,034	28.6	67,855	12,072	19.9	6.5	14.1	141	353
Property:											
1960	16,405	14.5	(x)	(x)	607	15,798	(x)	8.1	8.9	(x)	91
1965	22,583	15.6	(x)	(x)	766	21,817	(x)	4.8	6.7	(x)	117
1970	34,054	14.6	(x)	(x)	1,092	32,963	(x)	7.4	8.6	(x)	168
1974	47,705	15.1	(x)	(x)	1,301	46,404	(x)	4.5	8.9	(x)	226
1975	51,491	15.5	(x)	(x)	1,451	50,040	(x)	11.5	7.7	(x)	242
1976	57,001	15.9	(x)	(x)	2,118	54,884	(x)	46.0	9.7	(x)	266
1977	62,535	14.9	(x)	(x)	2,260	60,275	(x)	6.7	9.8	(x)	289
1978	66,422	14.1	(x)	(x)	2,364	64,058	(x)	4.6	6.3	(x)	305
1979	64,944	12.4	(x)	(x)	2,490	62,453	(x)	5.3	-2.5	(x)	295
1980	68,499	11.9	(x)	(x)	2,892	65,607	(x)	16.1	5.0	(x)	302
Other taxes: ⁴											
1960	6,411	5.7	2,191	34.2	3,330	692	9.3	7.2	1.8	12	23
1965	9,191	6.3	3,670	39.9	4,715	807	10.9	6.0	3.1	19	28
1970	12,413	5.3	4,544	36.6	6,695	1,173	4.4	7.3	7.8	22	39
1974	17,370	5.5	6,006	34.6	9,267	2,108	7.2	8.4	15.8	28	54
1975	17,936	5.4	5,873	32.7	9,897	2,166	-2.2	6.9	2.8	28	57
1976	20,101	5.6	6,684	33.3	11,026	2,390	13.8	11.4	10.3	31	63
1977	23,375	5.6	9,045	38.7	11,796	2,534	35.3	7.0	6.0	42	66
1978	23,835	5.1	8,126	34.1	12,784	2,925	-10.2	8.4	15.4	37	72
1979	25,964	5.0	8,700	33.5	13,999	3,264	7.1	9.5	11.6	40	78
1980	29,714	5.2	10,078	33.9	15,917	3,718	15.8	13.7	13.9	44	87

X Not applicable. ¹ Corporation income taxes include excess profits tax, normal tax, and surtax. ² For explanation, see Guide to Tabular Presentation. Represents average for period of intervals shown here; for 1960, change from 1955. Minus sign (-) denotes decrease. ³ See footnote 3, table 467. ⁴ Corporation included with individual income. ⁵ Federal taxes include customs. ⁶ Includes licenses.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*, and *Governmental Finances*, series GF No. 5, annual.

No. 474. ALL GOVERNMENTS—EXPENDITURE FOR CAPITAL OUTLAY: 1960 TO 1980

[In millions of dollars. Local government data are estimates subject to sampling variation; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 523-524, Y 593-594, Y 673-674, Y 740-741, and Y 787-788]

YEAR AND FUNCTION	TOTAL CAPITAL OUTLAY					CONSTRUCTION EXPENDITURE ONLY				
	All governments	Federal	State and local			All governments	Federal	State and local		
			Total	State	Local			Total	State	Local
1960	31,946	16,842	15,104	6,607	8,497	15,832	3,480	12,352	5,509	6,843
1965	33,744	13,209	20,535	9,175	11,360	20,885	4,472	16,413	7,508	8,905
1970	47,519	17,869	29,650	13,295	16,355	28,402	4,150	24,252	11,185	13,067
1974	57,250	19,166	38,084	15,417	22,667	35,651	5,109	30,542	12,655	17,887
1975	66,622	21,798	44,824	17,307	27,517	42,961	6,605	36,356	14,443	21,913
1976	71,691	25,100	46,591	18,009	28,522	45,223	6,924	38,299	15,285	23,014
1977	75,160	30,006	45,154	16,964	28,190	43,763	7,429	36,334	13,803	22,531
1978	81,058	36,289	44,769	16,064	28,705	44,720	8,521	36,199	13,260	22,939
1979	93,156	39,960	53,196	19,124	34,072	51,734	8,408	43,326	15,930	27,396
1980, total	99,386	36,492	62,894	23,325	39,568	58,410	6,918	51,492	19,735	31,755
National defense ¹	28,161	28,161	(x)	(x)	(x)	2,038	2,038	(x)	(x)	(x)
Space research ²	239	239	(x)	(x)	(x)	138	138	(x)	(x)	(x)
Education	10,834	97	10,737	3,182	7,555	7,460	80	7,380	2,127	5,253
Higher education	2,972	(x)	2,972	2,458	515	1,883	(x)	1,883	1,525	359
Local schools	7,362	(x)	7,362	323	7,039	5,186	(x)	5,186	293	4,893
Other	500	97	403	401	1	391	80	311	309	1
Highways	19,265	132	19,133	14,706	4,427	17,327	128	17,199	13,526	3,673
Natural resources	5,098	4,046	1,052	527	526	3,206	2,466	740	282	458
Health and hospitals	3,116	673	2,443	1,212	1,231	2,238	364	1,874	986	889
Sewerage	6,272	(x)	6,272	243	6,028	5,967	(x)	5,967	242	5,724
Parks and recreation	2,320	297	2,023	488	1,535	1,634	274	1,360	255	1,105
Housing, urban renewal	2,565	317	2,248	58	2,190	1,765	(x)	1,765	57	1,708
Air transportation	1,542	151	1,391	235	1,157	1,288	38	1,250	220	1,031
Water transport ³	1,626	1,003	623	169	454	1,531	984	547	156	391
Utilities	9,933	(x)	9,933	716	9,216	8,631	(x)	8,631	668	7,962
All other	8,413	1,376	7,037	1,787	5,251	5,186	408	4,778	1,216	3,562

X Not applicable. ¹ Includes international relations and U.S. service schools. ² Includes technology. ³ Includes terminals.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 4, No. 5, *Compendium of Government Finances*; vol. 6, No. 4, *Historical Statistics on Government Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual.

No. 475. ALL GOVERNMENTS—GROSS AND NET STOCK OF GOVERNMENT-OWNED FIXED CAPITAL AND GROSS CAPITAL FORMATION IN CURRENT AND CONSTANT (1972) DOLLARS: 1960 TO 1980

[In billions of dollars]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
CURRENT DOLLARS										
All governments:										
Gross stock	500.6	651.2	1,005.4	1,564.5	1,700.9	1,814.6	2,013.8	2,258.6	2,586.7	2,939.2
Equipment	139.1	167.4	223.7	282.5	317.1	343.7	385.3	421.8	469.2	531.8
Structures	361.5	483.8	781.8	1,282.0	1,383.7	1,470.8	1,628.5	1,836.8	2,117.5	2,407.3
Net stock	306.0	404.2	628.8	979.8	1,057.8	1,121.0	1,235.0	1,380.2	1,573.2	1,773.1
Equipment	74.9	89.3	115.9	148.5	165.6	179.0	199.3	218.8	245.0	276.2
Structures	231.1	314.9	513.0	831.3	892.2	941.9	1,035.7	1,161.4	1,328.3	1,496.9
Gross fixed capital formation	25.8	33.5	41.6	57.0	62.6	62.7	63.4	74.5	82.6	89.3
Depreciation	17.0	19.6	28.2	40.0	44.8	47.7	52.1	58.2	65.5	73.9
Net fixed capital formation	8.8	14.0	13.4	17.0	17.7	15.0	11.3	16.3	17.1	15.4
State and local governments:										
Gross stock	275.9	378.6	637.8	1,073.2	1,161.3	1,236.5	1,376.1	1,563.6	1,802.1	2,047.7
Equipment	16.6	20.8	34.7	60.6	68.8	77.2	86.8	98.6	114.3	130.4
Structures	259.3	357.8	603.1	1,012.6	1,092.6	1,159.2	1,289.3	1,465.0	1,687.8	1,917.2
Net stock	176.3	247.7	427.6	712.0	766.2	810.4	894.4	1,008.5	1,153.0	1,298.5
Equipment	9.3	10.9	20.6	36.9	41.7	46.4	51.4	57.6	65.8	73.8
Structures	167.0	236.8	407.0	675.1	724.5	764.1	843.0	950.9	1,087.3	1,224.6
Gross fixed capital formation	13.1	19.6	27.8	39.9	41.3	39.4	38.3	45.8	49.7	54.9
Depreciation	5.9	7.8	12.8	21.6	24.6	25.9	28.2	32.2	37.0	42.1
Net fixed capital formation	7.3	11.8	15.0	18.3	16.7	13.5	10.2	13.6	12.7	12.8
CONSTANT (1972) DOLLARS										
State and local governments:										
Gross stock	445.0	554.7	698.2	799.3	822.9	843.8	862.3	882.7	901.6	920.9
Net stock	284.7	363.5	468.2	530.5	543.2	553.0	568.9	576.4	583.3	593.3
Gross fixed capital formation	21.2	29.0	31.8	31.8	30.1	27.9	25.7	27.7	27.0	26.9

Source: U.S. Bureau of Economic Analysis, *National Income and Product Accounts of the U.S., 1929-1976 and 1976-1979*; and *Survey of Current Business*, monthly.

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NO. 476. DEPENDENCY OF STATE AND LOCAL GOVERNMENTS ON OUTSIDE AID: 1960 TO 1980

[In billions of dollars, except percent. Fiscal years ending June 30]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980, est.
Federal aid to States	6.4	9.9	19.3	31.6	36.1	42.0	45.9	50.2	54.5	60.5
Percent of State general revenue from own sources.....	31.0	32.3	33.5	35.5	37.3	39.1	37.9	37.0	36.1	36.2
Direct Federal aid to local governments	.6	1.2	2.6	10.2	10.9	13.6	16.6	19.4	20.6	22.5
Percent of local general revenue from own sources.....	2.6	3.6	5.1	13.3	12.9	14.6	16.3	17.5	17.6	18.0
State aid to local governments ¹	9.5	14.0	26.9	44.6	51.1	56.2	60.3	64.7	74.2	82.0
Percent of local general revenue from own sources.....	41.6	43.3	52.4	58.1	60.5	60.3	59.0	58.4	63.3	65.6

¹Includes indirect Federal aid passed through States. Such aid in 1980 is estimated to be approximately \$18 billion.

Source: Advisory Commission on Intergovernmental Relations, Washington, D.C., *Significant Features of Fiscal Federalism*, annual.

NO. 477. FEDERAL AID TO STATE AND LOCAL GOVERNMENTS: 1965 TO 1981

[In millions of dollars, except percent. Through 1976, for years ending June 30; beginning 1977, ending Sept. 30. Includes trust funds. See *Historical Statistics, Colonial Times to 1970*, series Y 638-651, for related data]

TYPE OF AID, FUNCTION, AND MAJOR PROGRAM	1965	1970	1975	1976	1977	1978	1979	1980	1981, ¹ est.
Grant-in-aid shared revenue	10,904	24,014	49,834	59,093	68,414	77,889	82,858	91,472	94,388
National defense.....	33	37	74	89	96	60	94	93	51
International affairs and finance	4	5	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Natural resources and environment.....	182	429	2,436	3,026	4,189	3,898	4,630	5,362	5,240
Environmental Protection Agency.....	75	194	2,025	2,563	3,724	3,390	3,962	4,603	4,388
Energy	9	25	43	56	74	180	183	499	611
Agriculture.....	517	603	404	425	371	426	456	569	761
Transportation ²	4,100	4,538	5,864	7,980	8,299	8,837	10,438	13,087	13,157
Airports	71	83	292	269	335	562	556	590	524
Highways.....	4,018	4,334	4,702	6,270	6,027	6,110	7,329	9,209	8,664
Railroads.....	-	-	(2)	2	22	35	52	54	50
Urban mass transit.....	11	105	689	1,262	1,616	1,972	2,408	3,129	3,891
Commerce and housing credit.....	(2)	(2)	8	4	8	13	12	3	4
Community and regional development ³	644	1,780	2,842	3,445	4,496	7,078	6,641	6,486	6,185
Appalachian development	-	184	306	315	246	257	297	335	312
Community development block grants.....	(x)	(x)	38	983	2,089	2,464	3,161	3,902	4,303
Urban renewal.....	280	1,054	1,374	1,166	899	392	298	214	175
Education, employment, training, social services ⁴	1,050	6,390	12,133	14,141	15,753	20,557	22,249	21,862	20,967
Elementary and secondary education.....	81	1,470	2,276	2,159	2,340	2,801	3,114	3,536	3,268
School assistance in federally affected areas.....	341	622	577	558	719	706	858	622	791
Vocational and adult education.....	132	285	652	748	692	691	769	854	850
Library and learning resources.....	26	105	210	137	160	209	255	126	244
Work incentives.....	-	81	304	299	348	353	372	383	351
Human development.....	29	390	803	780	950	1,119	1,278	2,077	1,432
Employment and training assistance.....	23	421	2,504	2,853	2,940	4,251	5,397	6,191	5,860
Temporary employment assistance.....	(x)	(x)	319	1,887	2,340	4,769	3,285	1,796	845
Social services.....	-	574	2,047	2,252	2,534	2,809	3,091	2,763	3,136
Health ⁵	624	3,850	8,810	10,914	12,104	12,725	14,377	15,758	18,237
Alcohol, drug abuse, and mental health.....	8	80	590	535	471	605	594	679	649
Medicaid ⁴	272	2,727	6,840	8,568	9,876	10,680	12,407	13,957	16,112
Income security ³	3,506	5,819	9,395	10,948	12,663	13,782	14,740	18,495	21,704
Public assistance ⁴	2,787	4,142	5,121	5,849	6,351	6,618	6,584	7,273	7,772
Food stamps—administration.....	32	559	136	267	271	298	324	412	434
Child nutrition and special milk programs ⁴	263	379	1,565	1,878	2,775	2,526	2,862	3,233	3,325
Housing assistance ⁴	208	436	1,326	1,588	1,814	2,412	2,773	3,434	4,430
Veterans benefits and services.....	8	18	32	52	79	76	86	90	80
Administration of justice.....	-	42	725	795	713	572	517	530	420
General government.....	13	49	100	116	133	164	202	180	208
General purpose fiscal assistance.....	214	430	6,971	7,102	9,438	9,523	8,233	8,478	6,764
General revenue sharing.....	(x)	(x)	6,130	6,243	6,758	6,823	6,848	6,829	5,156
Percent distribution⁵	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Natural resources and environment.....	1.7	1.8	4.9	5.1	6.1	5.0	5.6	5.9	5.6
Energy.....	.1	.1	.1	.1	.1	.2	.2	.5	.7
Agriculture.....	4.7	2.5	.8	.7	.5	.5	.6	.6	.8
Transportation.....	37.6	18.9	11.7	13.5	12.1	11.3	12.6	14.3	13.9
Community and regional development.....	5.9	7.4	5.7	5.8	6.6	9.1	8.0	7.1	6.6
Education, employment, training, social services.....	9.6	26.6	24.3	23.9	23.0	26.4	26.9	23.9	22.9
Health.....	5.7	16.0	17.7	18.5	17.7	16.3	17.4	17.2	19.3
Income security.....	32.2	24.2	18.8	18.5	18.5	17.7	17.8	20.2	23.0
Administration of justice.....	-	.7	1.5	1.3	1.0	.7	.6	.6	.4
General purpose fiscal assistance.....	2.0	1.8	14.0	12.0	13.8	12.2	9.9	9.3	7.2

- Represents zero. X Not applicable. Z Less than \$500,000. ¹Based on March revised budget estimates.

²Funds for this function now provided to a private institution. ³Includes items not shown separately. ⁴Includes grants for payments to individuals.

Source: U.S. Office of Management and Budget, *The Budget of the United States, Special Analyses*, and unpublished document, "Federal Grants-in-Aid to State and Local Governments," March 1981 edition.

**NO. 478. FEDERAL AID TO STATE AND LOCAL GOVERNMENTS—SELECTED PROGRAMS, TOTAL, 1970
TO 1980, AND BY STATES AND OTHER AREAS, 1980**

[In millions of dollars, except per capita. Through 1976, for years ending June 30; beginning 1977, ending Sept. 30]

YEAR AND STATE OR OTHER AREA	Total Federal aid ¹	Federal aid per capita ² (dol.)	HHS ³		DEPARTMENT OF—		OE, ⁵ ele- mentary and secondary educa- tion	EPA, ⁶ waste treat- ment facilities con- struction	HUD ⁷		ETA, CETA ⁸ pro- gram
			Public assist- ance, total ⁴	Medico- aid	Treasu- ry, general revenue sharing	Trans- porta- tion, highway fund			Low- rent public hous- ing	Com- munity devel- opment block grants	
1970, total	24,194	110	7,445	(x)	(x)	4,300	1,469.5	(NA)	434.5	(x)	420.1
1975, total	49,723	228	14,008	6,840	6,130	4,573	2,276.2	1,937.6	1,326.4	38.1	2,504.2
1976, total	59,108	342	16,659	8,568	6,238	6,482	2,130.2	2,428.5	1,559.2	982.8	2,874.1
1977, total	68,437	305	18,750	9,860	6,758	6,005	2,339.1	3,529.6	1,984.3	2,088.8	2,939.7
1978, total	77,901	345	20,094	10,668	6,823	5,749	2,801.3	3,186.8	2,635.1	2,464.3	4,250.9
1979, total	82,855	367	22,094	12,411	6,848	6,762	3,114.0	3,756.1	2,773.0	3,161.2	5,998.0
1980, total ⁹	91,365	396	24,249	13,957	6,829	8,066	3,591.4	4,343.0	3,434.4	3,901.6	6,202.1
U.S.	89,749	396	24,616	14,375	6,829	8,750	3,530.7	4,297.0	3,342.9	3,782.5	5,987.2
Ala.	1,584	407	346	214	108	174	84.5	50.0	62.5	63.4	112.3
Alaska	451	1,128	47	22	22	97	22.7	14.9	14.6	7.6	18.3
Ariz.	838	308	51	(x)	81	144	64.8	37.3	24.5	35.5	62.2
Ark.	940	411	252	189	69	145	50.5	16.5	26.6	37.6	65.9
Calif.	8,804	372	2,915	1,526	794	483	205.8	391.7	274.2	348.0	716.2
Colo.	995	344	174	103	76	145	42.7	27.4	27.4	38.7	59.0
Conn.	1,157	372	333	192	86	82	44.4	67.0	56.3	64.5	74.0
Del.	275	462	50	24	21	32	20.1	10.5	11.1	9.0	19.9
D.C.	1,336	2,094	157	91	28	8	58.8	12.1	29.8	44.5	36.1
Fla.	2,854	293	525	261	205	406	101.6	186.3	115.0	120.9	262.4
Ga.	2,373	434	504	332	152	255	218.5	68.0	79.6	89.5	131.0
Hawaii.	463	480	106	46	32	65	20.8	20.8	17.7	21.0	28.1
Idaho	393	416	71	40	26	60	25.8	15.9	7.6	1.7	24.8
Ill.	4,477	392	1,260	664	339	496	149.7	335.1	200.0	218.1	292.6
Ind.	1,608	293	395	237	135	163	55.7	138.5	58.3	79.6	141.9
Iowa	995	342	290	145	87	131	50.9	30.3	21.4	45.2	45.4
Kans.	818	346	208	110	60	144	38.6	26.8	20.6	38.0	33.2
Ky.	1,471	402	411	246	111	163	61.6	51.9	65.6	63.2	96.4
La.	1,568	373	444	320	139	158	78.7	28.0	59.9	81.5	113.9
Maine.	523	465	163	107	41	43	23.6	20.4	22.0	15.2	33.2
Md.	1,843	437	398	219	134	238	70.0	110.4	71.1	69.7	106.9
Mass.	2,887	503	902	559	215	165	84.9	101.6	145.7	122.3	180.9
Mich.	3,929	424	1,313	621	293	247	124.4	57.0	87.0	137.1	304.1
Minn.	1,667	409	543	359	136	188	60.5	38.4	60.8	65.1	74.7
Miss.	1,190	472	254	176	96	79	68.9	23.1	35.5	38.5	79.3
Mo.	1,703	346	459	224	123	215	65.8	76.5	59.5	95.4	111.6
Mont.	486	618	68	43	27	129	25.9	9.0	14.0	10.5	19.1
Nebr.	547	348	121	73	46	70	44.9	16.5	17.8	18.9	23.0
Nev.	335	419	40	24	17	83	19.2	21.2	11.3	5.7	15.5
N.H.	346	376	80	50	23	36	21.7	50.7	11.3	8.3	14.2
N.J.	2,833	385	769	409	226	168	92.8	202.4	169.3	123.6	248.5
N. Mex.	668	514	107	55	41	74	45.7	9.5	19.2	21.0	33.2
N.Y.	9,570	545	3,628	2,441	751	555	276.2	396.2	440.5	467.4	598.6
N.C.	1,929	328	485	293	169	224	82.7	78.2	77.5	71.4	118.5
N. Dak.	347	531	56	35	20	57	24.8	9.2	15.2	9.7	11.6
Ohio	3,434	318	989	484	277	246	96.9	269.0	132.5	167.2	285.2
Okl.	1,061	351	314	217	76	101	48.0	52.3	43.1	39.2	51.6
Oreg.	1,237	470	235	110	77	145	44.0	57.2	27.8	22.8	75.1
Pa.	4,516	381	1,354	730	331	233	131.0	218.2	181.1	255.4	361.7
R.I.	477	504	158	97	29	24	22.8	15.1	32.5	18.0	30.9
S.C.	1,068	342	294	195	91	90	60.9	51.9	32.8	38.2	75.0
S. Dak.	443	642	69	44	23	133	20.2	15.5	18.6	11.8	10.9
Tenn.	1,696	369	396	276	130	204	67.0	61.8	77.3	73.6	118.7
Tex.	3,964	279	988	673	331	517	200.5	96.4	151.7	224.7	261.5
Utah	572	392	118	68	43	122	21.4	11.2	7.7	16.2	20.3
Vt.	356	697	76	46	21	31	17.2	14.4	6.0	4.8	12.4
Va.	1,775	332	419	244	141	314	63.9	84.8	59.6	62.9	122.1
Wash.	1,674	405	403	211	94	265	51.0	76.9	32.2	58.7	119.3
W. Va.	950	487	175	91	61	183	33.0	48.0	22.6	33.3	54.7
Wis.	2,025	430	708	437	160	169	114.0	134.0	63.2	63.0	95.5
Wyo.	294	624	18	7	14	52	10.9	9.7	2.8	5.4	5.7
Puerto Rico	1,430	(NA)	106	30	-	31	46.8	40.5	78.8	95.6	200.9
Virgin Islands	296	(NA)	4	1	-	-	4.6	(2)	9.2	3.0	5.6
Other ¹⁰	215	(NA)	6	1	-	(2)	9.4	5.2	3.6	5.1	8.5

- Represents zero. NA Not available. X Not applicable. Z Less than \$500,000. ¹Includes amounts not shown separately. ²Per capita for U.S. only; excludes funds paid to, and population residing in, Puerto Rico, Virgin Islands, and "Other areas." ³Based on Bureau of the Census estimated resident population as of July 1, including Armed Forces stationed in area through 1979; 1980 enumerated as of April 1980. ⁴Department of Health and Human Services, (effective May 4, 1980). ⁵Includes child support enforcement, maintenance assistance, social services, and State and local training not shown separately. ⁶Office of Education (became the Department of Education in spring 1980). Because of slight differences in accounting, data in some years will not agree with that shown in table 480. ⁷Environmental Protection Agency. ⁸Department of Housing and Urban Development. ⁹Employment and Training Administration, Comprehensive Employment and Training Act. ¹⁰For some categories, total includes a small amount of funds not distributed by State or other area. ¹¹American Samoa, Guam, and Trust Territory of the Pacific Islands.

Source: U.S. Dept. of the Treasury, *Federal Aid to States*, annual.

NO. 479. STATE AND LOCAL GOVERNMENTS—SUMMARY OF FINANCES: 1960 TO 1980

[In millions of dollars, except percent. Local government amounts are estimates subject to sampling variations; see Appendix III and source. See also *Historical Statistics, Colonial Times to 1970*, series Y 652-709]

SOURCE OF REVENUE AND TYPE OF EXPENDITURE	1960	1965	1970	1975	1977	1978	1979	1980	
								Total	Per-cent
Revenue.....	60,277	87,777	150,106	264,013	337,870	371,607	404,934	451,537	100.0
From Federal Government	6,974	11,029	21,857	47,034	62,444	69,592	75,164	83,029	18.4
Public welfare	2,070	3,098	7,574	14,357	18,885	20,176	22,487	24,921	5.5
Highways	2,905	3,997	4,608	5,320	6,461	6,401	7,147	8,980	2.0
Education	950	1,677	5,844	9,078	10,347	11,445	12,300	14,435	3.2
Employment security administration	325	413	664	1,525	1,833	1,887	1,935	2,056	4
Revenue sharing	(X)	(X)	(X)	6,245	6,614	6,810	6,851	6,844	1.5
Other and unallocable	724	1,844	3,167	10,509	18,298	22,873	24,444	25,793	5.7
From State and local sources	53,302	76,748	128,248	216,979	275,426	302,014	329,770	368,509	81.6
General, net intergovernmental	43,530	62,971	108,898	181,137	222,712	246,368	268,115	299,293	66.3
Taxes	36,117	51,243	86,795	141,465	175,936	193,642	205,514	223,463	49.5
Property	16,405	22,583	34,054	51,491	62,527	66,422	64,944	68,499	15.2
Sales and gross receipts	11,849	17,118	30,322	49,815	60,641	67,596	74,247	79,927	17.7
Individual income	2,463	4,090	10,812	21,454	29,246	33,176	36,932	42,080	9.3
Corporation income	1,180	1,929	3,738	6,642	9,174	10,738	12,128	13,321	3.0
Other	4,220	5,521	7,868	12,063	14,348	15,709	17,264	19,636	4.3
Charges and miscellaneous	7,414	11,729	22,103	39,668	46,776	52,726	62,600	75,830	16.8
Utility and liquor stores	4,877	6,355	8,614	13,335	17,541	20,011	22,628	25,560	5.7
Water supply system	1,529	2,004	2,687	4,142	4,995	5,512	6,250	6,766	1.5
Electric power system	1,307	1,833	2,385	4,689	7,142	8,675	9,938	11,387	2.5
Transit system	581	776	1,135	1,411	1,991	2,056	2,245	2,397	5
Gas supply system	196	295	401	625	862	1,009	1,297	1,809	4
Liquor stores	1,264	1,447	2,006	2,468	2,550	2,759	2,898	3,201	7
Insurance trust revenue ¹	4,896	7,422	10,736	22,507	35,172	35,635	39,027	43,656	9.7
Employee retirement	2,099	3,423	6,493	12,354	17,166	19,025	21,923	25,441	5.6
Unemployment compensation	2,323	3,244	3,101	8,155	15,296	13,158	12,941	13,529	3.0
Direct expenditure	60,999	86,686	148,052	268,241	323,168	345,313	380,374	432,328	100.0
By function:									
Direct general expenditure ¹	51,876	74,678	131,392	229,747	272,829	295,510	326,024	367,340	85.0
Education ¹	18,719	28,563	52,718	87,858	102,780	110,758	119,448	133,211	30.8
Higher education	3,202	5,863	12,924	21,702	25,972	28,391	30,059	33,919	7.8
Local schools	15,166	21,966	37,461	61,485	71,546	76,703	83,385	92,930	21.5
Highways	9,428	12,221	16,427	22,528	23,058	24,609	28,440	33,311	7.7
Public welfare	4,404	6,315	14,679	27,181	34,529	37,679	40,418	45,552	10.5
Health	559	936	1,806	4,414	5,497	6,303	7,179	8,387	1.9
Hospitals	3,235	4,525	7,863	14,432	17,542	18,848	21,039	23,787	5.5
Police protection	1,857	2,549	4,494	8,526	10,445	11,306	12,207	13,974	3.1
Fire protection	995	1,308	2,024	3,522	4,412	4,802	5,147	5,718	1.3
Natural resources	1,189	1,861	2,732	4,223	4,049	4,225	4,706	5,509	1.3
Sanitation and sewerage	1,727	2,380	3,413	7,438	9,426	9,869	11,787	13,214	3.1
Housing and urban renewal	858	1,250	2,138	3,460	3,387	3,699	4,724	6,062	1.4
Parks and recreation	770	1,104	1,888	3,462	4,916	5,270	5,896	6,520	1.5
Financial administration	2,113	1,287	2,030	3,594	4,489	5,292	6,071	6,719	1.5
General control	1,670	2,499	4,374	8,762	11,234	11,983	12,987	14,747	3.4
Interest on general debt ²	1,670	2,499	4,374	8,762	11,234	11,983	12,987	14,747	3.4
Utility and liquor stores ²	5,088	7,058	9,447	17,285	24,191	26,277	30,846	36,191	8.4
Water supply system	1,881	2,505	3,211	5,440	6,381	6,886	8,069	9,228	2.1
Electric power system	1,244	1,983	2,486	5,280	9,313	10,587	12,665	15,016	3.5
Transit system	760	1,127	1,753	3,977	5,598	5,573	6,465	7,641	1.8
Gas supply system	191	272	370	580	803	915	1,231	1,715	4
Liquor stores	1,022	1,172	1,627	2,009	2,096	2,317	2,416	2,591	6
Insurance trust expenditure ¹	4,031	4,950	7,273	21,209	26,149	23,526	23,504	28,797	6.7
Employee retirement	1,265	2,298	3,629	7,443	9,567	10,774	12,273	14,008	3.2
Unemployment compensation	2,364	2,008	2,723	12,311	14,697	10,740	8,886	12,070	2.8
By character and object:									
Current operation	36,318	54,062	97,915	180,976	225,650	249,222	274,167	307,811	71.2
Capital outlay	15,104	20,535	29,650	44,824	45,154	44,769	53,196	62,894	14.5
Construction	12,352	16,413	24,252	36,356	36,334	36,199	43,326	51,492	11.9
Land and existing structures ³	1,560	2,471	2,631	3,367	8,820	8,569	9,870	11,402	2.6
Equipment ³	1,192	1,652	2,768	5,101					
Assistance and subsidies	3,518	4,127	8,090	11,146	13,077	13,753	14,044	15,222	3.5
Interest on debt (gen. and util.)	2,028	3,012	5,123	10,087	13,137	14,044	15,463	17,604	4.1
Insur. benefits and repayments	4,031	4,950	7,273	21,209	26,149	23,525	23,504	28,797	6.7
Expenditure for salaries and wages	24,445	36,095	62,998	106,168	126,330	137,703	149,104	163,896	37.9
Debt outstanding, end of year	69,955	99,512	143,570	219,926	259,658	280,433	304,103	335,603	100.0
Long-term	66,801	94,204	131,415	200,140	248,816	269,003	292,302	322,456	96.2
Short-term	3,154	5,309	12,155	19,786	12,842	11,430	11,801	13,147	3.9
Net change, end of year	5,845	7,290	10,022	14,608	15,542	21,311	23,636	26,306	(X)

X Not applicable. ¹ Includes amounts not shown separately. ² Interest on utility debt included in "utility expenditure." For total interest on debt, see "Interest on debt (general and utility)," below. ³ See footnote 4, table 468.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual.

NO. 480. STATE AND LOCAL GOVERNMENT RECEIPTS AND EXPENDITURES IN THE NATIONAL INCOME AND PRODUCT ACCOUNTS: 1960 TO 1980

[In billions of dollars. Includes trust accounts transactions. For national income explanation, see text, p. 417]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Receipts	49.9	75.1	135.4	211.4	237.7	267.8	298.0	327.4	351.2	384.0
General, own source.....	39.9	59.0	101.7	152.8	166.3	187.1	208.4	225.5	242.6	264.5
Personal tax and nontax receipts ¹	6.7	10.9	23.2	39.0	43.1	49.6	56.4	63.9	70.6	80.7
Income taxes.....	2.5	4.4	11.1	20.6	22.8	26.8	30.9	35.5	38.8	44.9
Nontaxes.....	2.0	3.5	7.9	13.0	14.6	16.7	18.9	21.4	24.5	27.9
Corporate profits tax accruals.....	1.2	2.0	3.5	6.5	7.1	9.3	11.0	11.7	13.0	12.2
Indirect business tax and nontax accruals ¹	32.0	46.1	75.0	107.4	116.2	128.3	141.0	149.9	159.0	171.6
Sales taxes.....	12.2	18.2	31.6	48.2	51.7	57.8	64.0	71.0	76.9	82.9
Property taxes.....	16.2	23.2	36.7	49.0	53.4	58.2	63.4	63.9	64.4	67.5
Contributions for social insurance.....	3.4	5.0	9.2	14.6	16.8	19.5	22.1	24.6	28.1	31.5
Federal grants-in-aid.....	6.5	11.1	24.4	43.9	54.6	61.1	67.5	77.3	80.4	88.0
Expenditures ²	49.8	75.1	135.5	204.6	232.2	251.2	270.0	298.4	324.4	355.0
Purchases of goods and services.....	46.5	71.1	124.4	193.1	217.2	232.9	250.6	279.2	305.9	335.8
Compensation of employees.....	25.5	39.3	71.1	107.3	120.6	132.3	144.0	157.5	172.3	187.4
Transfer payments to persons.....	5.4	7.3	14.7	20.9	24.6	27.6	29.7	32.8	35.0	38.9
Net interest and subsidies ³	-2.1	-3.3	-5.6	-9.4	-9.6	-9.3	-10.4	-13.4	-16.6	-19.8
Surplus	.1	(Z)	1.9	6.8	5.5	16.6	28.1	29.0	26.7	29.1

Z Less than \$50 million. ¹ Includes other items not shown separately. ² Include wage accruals less disbursements of \$175 million in 1978 and -\$135 million in 1979, not shown separately. ³ Less current surplus of government enterprises and dividends received by Governments.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76, and 1976-1979*; and *Survey of Current Business*, July 1981.

NO. 481. STATE AND LOCAL GOVERNMENTS—GENERAL REVENUES AND DIRECT GENERAL EXPENDITURES: 1960 TO 1980

[General revenue and expenditure exclude utilities, liquor stores, and insurance trusts. See *Historical Statistics, Colonial Times to 1970*, series Y 652-709, for totals]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
General revenue (bil. dol.)	50.5	74.0	130.8	207.7	228.2	256.2	285.2	316.0	343.3	382.3
Percent of total:										
From Federal Government.....	13.8	14.9	16.7	20.1	20.6	21.7	21.9	22.0	21.9	21.7
Taxes.....	71.5	69.2	66.4	62.9	62.0	61.2	61.7	61.3	59.9	58.4
Property.....	32.5	30.5	26.0	23.0	22.6	22.3	21.9	21.0	18.9	17.9
Sales and gross receipts.....	23.5	23.1	23.2	22.2	21.8	21.3	21.3	21.5	21.6	20.9
Individual income.....	4.9	5.5	8.3	9.4	9.4	9.6	10.3	10.5	10.8	11.0
Other.....	10.7	10.1	8.9	8.4	8.2	8.1	8.2	8.4	8.6	8.6
Charges and miscellaneous.....	14.7	15.9	16.9	16.9	17.4	17.1	16.4	16.7	18.2	19.8
Per capita, total ¹ (dol.)	281	382	643	983	1,071	1,193	1,318	1,449	1,560	1,688
From Federal Government.....	39	57	108	198	221	259	289	319	342	367
Taxes.....	201	264	427	618	664	731	813	888	934	987
Property tax.....	91	117	168	226	242	266	289	305	295	302
Charges and miscellaneous.....	41	61	109	166	186	204	216	242	284	335
Direct gen'l expenditure (bil. dol.)	51.9	74.7	131.3	198.6	229.7	255.6	272.8	295.5	326.0	367.3
Percent of total:										
Education.....	36.1	38.2	40.1	38.2	38.2	38.0	37.7	37.5	36.6	36.3
Highways.....	18.2	16.4	12.5	10.0	9.8	9.4	8.5	8.3	8.7	9.1
Public welfare.....	8.5	8.5	11.2	12.5	11.8	12.3	12.7	12.8	12.4	12.4
Health and hospitals.....	7.5	7.2	7.4	8.0	8.2	8.1	8.4	8.5	8.7	8.8
Police protection and correction.....	3.6	4.7	4.7	5.1	5.2	5.2	5.4	5.5	5.6	5.4
Natural resources.....	2.3	2.5	2.1	1.8	1.8	1.8	1.8	1.4	1.4	1.5
Sanitation and sewerage.....	3.3	3.2	2.6	3.0	3.2	3.2	3.3	3.3	3.6	3.6
Housing and urban renewal.....	1.7	1.7	1.6	1.7	1.5	1.2	1.2	1.3	1.4	1.7
Interest on general debt.....	3.2	3.3	3.3	3.9	3.8	4.0	4.1	4.1	4.0	4.0
Per capita, total ¹ (dol.)	288	385	646	940	1,087	1,191	1,261	1,355	1,481	1,622
Education.....	104	147	259	359	416	453	475	508	543	588
Highways.....	52	63	81	94	107	111	107	113	129	147
Public welfare.....	24	33	72	117	129	146	160	173	184	201
Health and hospitals.....	21	28	48	75	89	96	104	114	128	142
Police protection and correction.....	10	18	30	48	56	62	68	75	81	88
Natural resources.....	7	9	13	17	20	22	23	19	21	24
Sanitation and sewerage.....	10	12	17	28	35	38	41	45	54	58
Housing and urban renewal.....	5	6	11	16	16	15	16	17	21	27
Interest on general debt.....	9	13	22	36	42	48	52	55	59	65
All other ²	45	56	94	148	177	199	215	236	262	281

¹ See footnote 3, table 467. ² Libraries, Social Insurance Administration, veterans service, airports, water transport, parking facilities, fire protection, protective inspection and regulation, parks and recreation, general control, financial administration, general public buildings, and other and unallocable.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Government Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual.

NO. 482. STATE AND LOCAL GOVERNMENTS—GENERAL REVENUE, ORIGIN, AND ALLOCATION, 1960 TO 1979, AND BY STATE: 1980

(Local government amounts are estimates subject to sampling variation: see source and Appendix III)

STATE	Total general revenue (mil. dol.)	ORIGINATING LEVEL OF GOVERNMENT ¹						FINAL RECIPIENT LEVEL ²			
		REVENUE (mil. dol.)			Percent			REVENUE (mil. dol.)		Percent	
		Federal	State	Local	Federal	State	Local	State	Local	State	Local
1960.....	50,505	6,974	20,619	22,912	13.8	40.8	45.4	18,081	32,424	35.8	64.2
1965.....	74,001	11,029	30,610	32,362	14.9	41.4	43.7	26,920	47,081	36.4	63.6
1970.....	130,756	21,858	57,507	51,392	16.7	43.9	39.3	50,835	79,921	38.8	61.1
1975.....	228,195	47,054	96,784	84,357	20.6	42.4	37.0	83,543	144,651	36.6	63.4
1978.....	315,960	69,592	135,638	110,730	22.0	42.9	35.0	124,439	191,521	39.4	60.6
1979.....	343,278	75,164	150,906	117,209	21.9	44.0	34.1	133,832	209,447	39.0	61.0
U.S., 1980	382,322	83,028	169,266	130,027	21.7	44.3	34.0	152,303	230,019	39.8	60.2
Ala.....	5,306	1,472	2,381	1,453	27.7	44.9	27.4	2,840	2,666	49.8	50.2
Alaska.....	3,567	431	2,631	506	12.1	73.7	14.2	2,715	853	76.1	23.9
Ariz.....	4,366	807	2,009	1,550	18.5	46.0	35.5	1,620	2,746	37.1	62.9
Ark.....	2,898	836	1,379	683	28.8	47.6	23.6	1,512	1,386	52.2	47.8
Calif.....	46,012	9,436	22,346	14,231	20.5	48.6	30.9	14,729	31,283	32.0	68.0
Colo.....	5,066	1,001	2,010	2,055	19.8	39.7	40.6	1,922	3,144	37.9	62.1
Conn.....	5,045	976	2,295	1,774	19.3	45.5	35.2	2,584	2,461	51.2	48.8
Del.....	1,168	279	686	203	23.9	58.7	17.3	709	459	60.7	39.3
D.C.....	2,248	1,148	(X)	1,100	51.1	(X)	48.9	(X)	2,248	(X)	100.0
Fla.....	13,241	2,747	5,513	4,981	20.7	41.6	37.6	4,362	8,879	32.9	67.1
Ga.....	8,028	1,927	3,156	2,945	24.0	39.3	36.7	3,143	4,885	39.1	60.9
Hawaii.....	2,049	477	1,263	309	23.3	61.6	15.1	1,605	445	78.3	21.7
Idaho.....	1,352	336	633	383	24.9	46.8	28.3	632	720	46.8	53.2
Ill.....	19,347	4,035	8,175	7,137	20.9	42.3	36.9	7,895	11,452	40.8	59.2
Ind.....	6,876	1,214	3,424	2,237	17.7	49.8	32.5	2,593	4,283	37.7	62.3
Iowa.....	4,747	916	2,176	1,655	19.3	45.8	34.9	1,875	2,872	39.5	60.5
Kans.....	3,736	735	1,574	1,426	19.7	42.1	38.2	1,600	2,136	42.8	57.2
Ky.....	5,032	1,350	2,643	1,039	26.8	52.5	20.6	2,740	2,292	54.5	45.5
La.....	7,055	1,693	3,488	1,874	24.0	49.4	26.6	3,525	3,530	50.0	50.0
Maine.....	1,680	486	767	427	28.9	45.7	25.4	935	745	55.7	44.3
Md.....	7,929	1,672	3,668	2,588	21.1	46.3	32.6	3,498	4,431	44.1	55.9
Mass.....	11,201	2,721	4,651	3,829	24.3	41.5	34.2	4,959	6,243	44.3	55.7
Mich.....	17,484	3,697	7,460	6,126	22.3	42.7	35.0	6,978	10,506	39.9	60.1
Minn.....	6,036	1,585	3,979	2,472	19.7	49.5	30.8	3,137	4,899	39.0	61.0
Miss.....	3,463	1,074	1,553	836	31.0	44.8	24.2	1,634	1,829	47.2	52.8
Mo.....	6,588	1,656	2,514	2,418	25.1	38.2	36.7	2,690	3,898	40.8	59.2
Mont.....	1,501	434	575	492	28.9	38.3	32.8	743	758	49.5	50.5
Nebr.....	2,627	472	1,030	1,125	18.0	39.2	42.8	1,109	1,518	42.2	57.8
Nev.....	1,449	302	588	559	20.8	40.6	38.6	546	903	37.7	62.3
N.H.....	1,221	312	416	493	25.5	34.1	40.4	555	666	45.5	54.5
N.J.....	12,687	2,279	5,291	5,116	18.0	41.7	40.3	4,725	7,961	37.2	62.8
N. Mex.....	2,514	554	1,546	414	22.0	61.5	16.5	1,405	1,110	55.9	44.1
N.Y.....	40,820	8,470	14,678	17,673	20.7	36.0	43.3	10,868	29,952	26.6	73.4
N.C.....	7,732	1,959	3,809	1,965	25.3	49.3	25.4	3,557	4,176	46.0	54.0
N. Dak.....	1,249	279	661	310	22.4	52.9	24.8	703	546	56.3	43.7
Ohio.....	14,959	3,081	5,995	5,883	20.6	40.1	39.3	4,780	10,179	32.0	68.0
Okl.....	4,552	998	2,338	1,217	21.9	51.3	26.7	2,336	2,216	51.3	48.7
Oreg.....	5,113	1,268	2,127	1,719	24.8	41.6	33.6	2,204	2,909	43.1	56.9
Pa.....	18,296	3,681	8,423	6,193	20.1	46.0	33.8	7,624	10,671	41.7	58.3
R.I.....	1,696	431	828	437	25.4	48.8	25.8	1,006	690	59.3	40.7
S.C.....	4,021	969	2,056	996	24.1	51.1	24.8	2,189	1,832	54.4	45.6
S. Dak.....	1,107	316	434	357	28.5	39.2	32.3	596	511	53.9	46.1
Tenn.....	5,889	1,587	2,331	1,971	26.9	39.6	33.5	2,606	3,283	44.2	55.8
Texas.....	20,276	3,763	9,010	7,503	18.6	44.4	37.0	8,541	11,735	42.1	57.9
Utah.....	2,285	581	1,052	652	25.4	46.0	28.5	1,126	1,158	49.3	50.7
Vt.....	885	275	385	225	31.1	43.5	25.4	556	329	62.8	37.2
Va.....	7,808	1,726	3,643	2,439	22.1	46.7	31.2	3,821	3,986	48.9	51.1
Wash.....	7,427	1,523	3,594	2,310	20.5	48.4	31.1	3,054	4,372	41.1	58.9
W. Va.....	2,902	806	1,485	631	27.8	50.5	21.7	1,645	1,257	56.7	43.3
Wis.....	8,511	1,783	4,063	2,664	21.0	47.7	31.3	3,171	5,340	37.3	62.7
Wyo.....	1,278	276	556	446	21.6	43.5	34.9	604	673	47.3	52.7

X Not applicable. ¹ Before intergovernmental transfers. ² After intergovernmental transfers.

Source: U.S. Bureau of the Census, *Governmental Finances in 1979-80*, series GF No. 5, annual.

NO. 483. STATE AND LOCAL GOVERNMENTS—GENERAL REVENUE, BY SOURCE, BY STATE: 1980

[Estimates subject to sampling variation; see source and Appendix III]

STATE	GENERAL REVENUE (mil. dol.)						GENERAL REVENUE PER CAPITA ¹ (dol.)				General revenue per \$1,000 of personal income (dol.)	
	Total	From Federal Government	From own sources			Charges and miscellaneous	Total	From Federal Government	From own sources			
			Taxes						Charges and miscellaneous			
			Total	Prop-erty	Other					Taxes		Prop-erty
U.S.	382,322	83,029	223,463	60,499	154,964	75,830	1,688	367	987	302	335	198
Ala.	5,306	1,472	2,528	306	2,222	1,305	1,364	378	650	79	336	202
Alaska	3,587	431	1,676	360	1,316	1,461	8,918	1,077	4,189	900	3,652	783
Ariz	4,366	807	2,738	956	1,782	821	1,606	297	1,007	352	302	212
Ark.	2,898	836	1,495	305	1,190	567	1,268	366	654	134	248	191
Calif	46,012	9,436	27,745	6,478	21,267	8,831	1,944	399	1,172	274	373	202
Colo.	5,066	1,001	2,859	952	1,907	1,206	1,754	346	990	329	418	200
Conn.	5,045	976	3,326	1,471	1,855	742	1,623	314	1,070	473	239	160
Del.	1,168	279	630	100	530	258	1,962	469	1,059	167	434	215
D.C.	2,248	1,148	941	219	722	159	3,524	1,800	1,475	344	250	324
Fla.	13,241	2,747	7,382	2,184	5,198	3,113	1,359	282	758	224	320	175
Ga.	8,028	1,927	4,207	1,087	3,120	1,894	1,469	353	770	199	347	206
Hawaii	2,049	477	1,233	186	1,047	340	2,124	494	1,278	193	352	245
Idaho	1,352	336	712	214	498	304	1,432	356	754	227	322	197
Ill.	19,347	4,035	12,375	4,192	8,183	2,937	1,694	353	1,084	367	257	176
Ind.	6,876	1,214	4,083	1,349	2,734	1,579	1,252	221	744	246	288	149
Iowa	4,747	916	2,818	1,048	1,770	1,014	1,629	314	967	360	350	186
Kans.	3,736	735	2,188	864	1,324	812	1,581	311	926	366	344	171
Ky.	5,032	1,350	2,709	496	2,213	973	1,375	369	740	135	266	193
La.	7,055	1,693	3,534	466	3,068	1,828	1,678	403	841	111	435	232
Maine	1,680	486	966	359	607	229	1,493	432	858	319	203	218
Md.	7,929	1,672	4,656	1,216	3,440	1,600	1,881	397	1,104	288	380	205
Mass.	11,201	2,721	7,133	3,184	3,949	1,347	1,952	474	1,243	555	235	218
Mich.	17,484	3,897	9,956	3,833	6,123	3,630	1,888	421	1,075	413	392	202
Minn.	8,036	1,585	4,586	1,322	3,264	1,865	1,971	389	1,125	324	457	223
Miss.	3,463	1,074	1,630	354	1,276	760	1,374	426	646	141	301	231
Mo.	6,588	1,656	3,734	1,058	2,676	1,198	1,340	337	759	215	244	164
Mont.	1,501	434	787	358	429	280	1,907	551	1,000	455	356	248
Nebr.	2,627	472	1,512	629	883	642	1,673	301	963	401	409	192
Nev.	1,449	302	777	205	572	370	1,814	378	972	256	464	196
N.H.	1,221	312	682	415	267	228	1,326	338	740	451	247	165
N.J.	12,687	2,279	8,376	3,673	4,703	2,031	1,723	309	1,137	499	276	178
N. Mex.	2,514	554	1,143	185	958	817	1,934	426	879	142	629	268
N.Y.	40,820	8,470	26,246	8,791	17,455	6,105	2,325	482	1,494	501	348	254
N.C.	7,732	1,959	4,395	1,003	3,392	1,379	1,316	333	748	171	235	187
N. Dak.	1,249	280	553	176	377	417	1,913	428	847	269	639	231
Ohio.	14,959	3,681	8,748	3,034	5,714	3,130	1,386	285	810	281	290	160
Okla.	4,552	998	2,501	458	2,043	1,054	1,505	330	827	151	348	185
Oreg.	5,113	1,268	2,577	1,006	1,571	1,269	1,942	481	979	382	482	226
Pa.	18,296	3,681	11,606	2,958	8,648	3,010	1,542	310	978	249	254	182
R.I.	1,696	431	940	392	548	325	1,791	455	992	413	343	215
S.C.	4,021	969	2,209	498	1,711	843	1,289	311	708	160	270	194
S. Dak.	1,107	316	544	242	302	247	1,604	458	789	351	358	215
Tenn.	5,889	1,587	3,012	723	2,289	1,290	1,798	346	656	158	281	183
Texas.	20,276	3,763	11,466	3,980	7,486	5,047	1,425	264	806	280	355	172
Utah.	2,285	581	1,227	343	884	477	1,564	398	840	235	326	232
Vt.	885	275	460	193	267	150	1,732	539	900	377	293	245
Va.	7,808	1,726	4,574	1,260	3,314	1,508	1,460	323	856	236	282	175
Wash.	7,427	1,523	4,084	1,200	2,884	1,820	1,798	369	989	290	441	198
W. Va.	2,902	806	1,552	267	1,285	544	1,488	414	796	137	279	210
Wis.	8,511	1,783	4,994	1,696	3,298	1,733	1,809	379	1,061	361	368	213
Wyo.	1,278	276	659	260	399	343	2,712	585	1,399	552	727	286

¹ Based on population as of April 1, 1980.Source: U.S. Bureau of the Census, *Governmental Finances in 1979-80*, series GF80, No. 5.

NO. 484. STATE AND LOCAL GOVERNMENTS—DIRECT GENERAL EXPENDITURE, BY STATE: 1980

STATE	EXPENDITURE (mil. dol.)						EXPENDITURE PER CAPITA ¹ (dollars)					
	Total	Educa- tion	High- ways	Public welfare	Health, hospita- ls	All other	Total	Educa- tion	High- ways	Public wel- fare	Health, hospita- ls	All other
U.S.	367,340	133,211	33,311	45,552	32,174	123,092	1,622	588	147	201	142	544
Ala.	5,160	1,993	518	550	697	1,402	1,326	512	133	141	179	361
Alaska.	2,503	725	224	115	60	1,379	6,257	1,812	559	288	150	3,448
Ariz.	4,205	1,829	427	185	299	1,465	1,547	673	157	68	110	539
Ark.	2,742	1,085	406	322	266	663	1,200	475	178	141	116	290
Calif.	43,413	15,063	2,312	6,762	3,641	15,635	1,834	636	98	286	154	660
Colo.	4,558	1,924	474	402	384	1,374	1,578	666	164	139	133	476
Conn.	4,919	1,716	357	659	306	1,882	1,583	552	115	212	99	605
Del.	1,077	435	99	98	49	394	1,809	732	167	165	83	662
D.C.	1,897	393	75	333	178	928	2,972	601	118	521	279	1,453
Fla.	12,754	4,486	1,202	761	1,512	4,793	1,309	461	123	78	155	492
Ga.	7,463	2,602	821	707	1,180	2,153	1,366	476	150	129	216	395
Hawaii.	1,877	580	130	232	137	818	1,945	580	135	240	142	848
Idaho.	1,289	484	171	116	118	401	1,366	512	181	123	125	425
Ill.	18,122	6,407	1,839	2,543	1,152	6,181	1,587	561	161	223	101	541
Ind.	6,827	2,920	693	663	733	1,818	1,243	532	126	121	133	331
Iowa.	4,911	2,033	698	550	506	1,124	1,686	698	240	189	174	385
Kans.	3,746	1,377	570	374	303	1,124	1,586	583	241	168	128	476
Ky.	5,406	1,854	982	648	334	1,589	1,477	506	268	177	91	435
La.	6,556	2,243	794	646	749	2,127	1,560	534	189	154	178	505
Maine.	1,581	544	211	264	72	490	1,405	484	188	235	64	434
Md.	7,626	2,691	679	756	608	2,892	1,809	638	161	179	144	687
Mass.	10,301	3,230	617	1,801	848	3,806	1,796	563	108	314	148	663
Mich.	17,402	6,443	1,263	2,705	1,620	5,700	1,880	696	136	292	175	581
Minn.	7,724	2,659	892	1,036	641	2,496	1,894	652	219	254	157	612
Miss.	3,412	1,265	493	393	434	828	1,354	502	195	156	172	329
Mo.	6,295	2,325	701	659	670	1,939	1,280	473	143	134	136	394
Mont.	1,392	544	245	108	76	420	1,769	691	311	137	96	534
Nebr.	2,425	973	360	191	225	677	1,544	620	229	122	143	430
Nev.	1,492	460	188	77	142	625	1,867	575	236	96	178	782
N.H.	1,234	433	177	168	59	397	1,340	470	192	182	64	432
N.J.	12,427	4,452	780	1,532	796	4,866	1,688	605	106	208	108	661
N. Mex.	2,156	924	253	166	177	636	1,658	711	194	128	136	489
N.Y.	38,690	11,774	2,160	6,287	3,459	15,010	2,204	671	123	358	197	855
N.C.	7,639	3,166	702	769	728	2,254	1,301	542	120	131	124	384
N. Dak.	1,201	427	198	92	53	433	1,840	653	303	140	81	663
Ohio.	15,447	5,929	1,181	1,828	1,625	4,885	1,431	549	109	169	150	454
Okla.	4,255	1,683	454	548	354	1,215	1,406	556	150	181	117	402
Oreg.	5,001	1,925	473	476	287	1,840	1,899	731	180	181	109	698
Pa.	17,430	6,123	1,129	2,803	1,113	6,262	1,469	516	95	236	94	528
R.I.	1,661	549	84	299	140	589	1,754	580	89	315	148	622
S.C.	3,958	1,699	287	383	565	1,046	1,269	545	92	116	181	335
S. Dak.	1,095	399	206	105	50	335	1,586	579	298	152	72	485
Tenn.	5,929	2,113	689	596	762	1,769	1,291	460	150	130	166	385
Texas.	19,376	8,239	2,285	1,501	1,780	5,572	1,362	579	161	105	125	392
Utah.	2,359	1,074	279	188	146	670	1,615	735	191	129	102	458
Vt.	818	321	100	96	44	256	1,600	628	196	187	87	502
Va.	7,700	2,910	935	768	693	2,405	1,440	544	175	144	128	449
Wash.	7,359	3,009	802	788	451	2,309	1,782	729	194	191	109	559
W. Va.	2,965	1,068	602	253	211	832	1,521	548	308	130	108	427
Wis.	8,464	3,293	917	1,226	657	2,370	1,799	700	195	261	140	503
Wyo.	1,100	430	180	43	96	351	2,335	914	381	91	204	745

¹ Based on resident population as of April 1, 1980.Source: U.S. Bureau of the Census, *Governmental Finances in 1979-80*, series GF80, No. 5.

NO. 485. NEW ISSUES OF STATE AND LOCAL GOVERNMENT SECURITIES: 1970 TO 1980

[In billions of dollars]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980
All issues, new capital and refunding	¹ 18.2	¹ 24.0	¹ 24.3	² 30.6	² 35.3	² 46.8	² 48.6	² 43.5	² 48.5
General obligations	11.9	12.3	13.6	16.0	18.0	18.0	17.9	12.1	14.1
Revenue	6.1	10.6	10.2	14.5	17.1	28.7	30.7	31.3	34.3
Type of issuer: State	4.2	4.2	4.8	7.4	7.1	6.4	6.6	4.3	5.3
Special district and statutory authority	5.6	9.5	8.6	12.4	15.3	21.7	24.2	23.4	27.0
Municipalities, counties, townships ³	8.4	10.2	10.8	10.7	12.8	18.6	17.7	15.6	16.1
Issues for new capital, total	18.1	22.4	23.5	29.5	32.1	36.2	37.6	41.5	46.7

¹ Includes U.S. bonds and U.S. Govt. loans.² Includes U.S. Govt. loans.³ Includes school districts.Source: Board of Governors of the Federal Reserve System, *Annual Statistical Digest*, and *Federal Reserve Bulletin*, monthly.

NO. 486. STATE AND LOCAL GOVERNMENTS—INDEBTEDNESS AND DEBT TRANSACTIONS: 1970 TO 1980

[In billions of dollars, except per capita. Local government amounts are estimates subject to sampling variation; see source. See *Historical Statistics, Colonial Times to 1970*, series Y 680, Y 747, and Y 794, for debt outstanding]

ITEM	DEBT OUTSTANDING						LONG-TERM		
	Total	Per capita ¹ (dol.)	Long-term			Short-term	Net long-term	Debt issued	Debt retired
			Local schools	Utilities ²	All other				
1970: Total.....	143.6	704	31.5	19.6	80.3	12.2	121.7	12.8	7.0
State.....	42.0	206	3.0	(NA)	35.9	3.1	34.5	3.9	1.9
Local.....	101.6	498	28.6	19.6	44.4	9.1	87.3	8.9	5.1
1975: Total.....	219.9	1,032	40.5	30.0	129.6	19.8	183.4	21.1	10.9
State.....	72.1	338	3.9	(NA)	63.7	4.6	58.4	8.4	2.9
Local.....	147.7	693	36.6	30.0	65.9	15.2	125.0	12.7	8.0
1976: Total.....	240.5	1,121	41.1	30.8	149.9	18.8	195.7	31.7	11.3
State.....	84.8	395	4.0	(NA)	74.8	6.0	62.9	13.9	3.0
Local.....	155.7	725	37.0	30.8	75.1	12.8	132.8	17.8	8.4
1977: Total.....	259.7	1,200	38.0	40.2	168.5	12.8	214.9	34.4	13.6
State.....	90.2	417	4.0	3.3	79.9	3.0	67.6	12.4	4.0
Local.....	169.5	783	33.9	36.8	88.7	9.8	147.3	22.0	9.5
1978: Total.....	280.4	1,286	33.0	42.4	193.6	11.4	225.2	40.0	16.7
State.....	102.6	472	4.1	3.7	91.9	2.9	72.1	17.0	5.9
Local.....	177.9	814	28.9	38.7	101.7	8.5	153.1	23.0	10.8
1979: Total.....	304.1	1,382	31.8	49.6	210.9	11.8	248.5	42.1	27.1
State.....	111.7	509	4.0	4.3	101.1	2.3	81.2	16.9	8.0
Local.....	192.4	873	27.8	45.3	109.8	9.5	167.3	25.2	19.1
1980: Total.....	335.6	1,482	32.3	55.2	235.0	13.1	262.9	42.4	17.4
State.....	122.0	540	3.8	4.6	111.5	2.1	79.6	16.4	5.7
Local.....	213.6	942	28.5	50.6	123.5	11.0	183.1	25.9	11.7

NA Not available. ¹ 1975-1979 based on estimated resident population as of July 1; 1970 and 1980 based on enumerated resident population as of April 1. ² Beginning 1977, data for State governments classified as "utility," rather than in "All other."

Source: U.S. Bureau of the Census, *Governmental Finances*, series GF No. 5, annual, and unpublished data.

NO. 487. STATE AND LOCAL GOVERNMENTS—DEBT OUTSTANDING, BY STATES: 1975 to 1980

[As of end of fiscal year]

STATE	TOTAL DEBT (mil. dol.)			PER CAPITA ¹ (dol.)			STATE	TOTAL DEBT (mil. dol.)			PER CAPITA ¹ (dol.)		
	1975	1979	1980	1975	1979	1980		1975	1979	1980	1975	1979	1980
U.S.....	219,926	304,103	335,603	1,032	1,382	1,482	Mo.....	2,818	3,395	4,230	592	698	860
Ala.....	2,844	3,949	4,082	787	1,048	1,049	Mont.....	394	692	853	527	881	1,083
Alaska.....	1,230	3,718	4,039	3,493	9,158	10,098	Nebr.....	2,322	4,289	4,604	1,502	2,612	2,933
Ariz.....	2,054	3,394	4,752	923	1,385	1,748	Nev.....	596	1,023	1,315	1,007	1,457	1,645
Ark.....	1,089	1,366	2,017	514	627	883	N.H.....	608	1,127	1,295	743	1,271	1,406
Calif.....	20,079	22,340	24,209	948	984	1,023	N.J.....	8,840	11,211	12,617	1,208	1,529	1,713
Colo.....	1,943	3,000	3,801	767	1,082	1,316	N. Mex.....	649	1,616	1,893	566	1,302	1,456
Conn.....	4,848	5,496	5,787	1,566	1,764	1,862	N.Y.....	39,111	46,687	46,496	2,158	2,645	2,648
Del.....	973	1,298	1,622	1,680	2,230	2,726	N.C.....	2,327	3,504	4,417	427	625	752
D.C.....	2,316	2,671	2,658	3,235	4,072	4,166	N. Dak.....	263	610	826	445	928	1,265
Fla.....	6,553	9,815	10,474	784	1,108	1,075	Ohio.....	8,119	9,846	10,481	755	918	971
Ga.....	3,762	5,734	6,205	764	1,101	1,136	Okl.....	2,282	3,115	3,374	842	1,077	1,115
Hawaii.....	1,452	2,033	2,181	1,678	2,222	2,260	Oreg.....	2,899	5,652	7,026	1,267	2,237	2,668
Idaho.....	252	504	672	307	557	712	Pa.....	14,644	19,845	20,393	1,238	1,692	1,718
Ill.....	8,961	13,570	15,283	804	1,209	1,338	R.I.....	921	1,681	2,029	994	1,809	2,142
Ind.....	2,663	3,528	3,925	501	653	715	S.C.....	1,889	2,932	3,348	670	999	1,073
Iowa.....	1,306	1,892	2,295	455	652	788	S. Dak.....	195	867	1,134	285	1,258	1,643
Kans.....	1,828	2,620	3,277	806	1,106	1,387	Tenn.....	3,780	5,131	6,040	902	1,172	1,316
Ky.....	3,855	6,828	7,422	1,135	1,927	2,027	Texas.....	11,213	17,689	20,660	916	1,322	1,452
La.....	3,995	6,027	7,089	1,054	1,450	1,686	Utah.....	549	1,198	1,414	455	876	968
Maine.....	786	1,255	1,339	742	1,144	1,190	Vt.....	628	650	789	1,334	1,318	1,544
Md.....	5,076	7,337	7,501	1,239	1,769	1,779	Va.....	3,659	5,319	5,863	737	1,023	1,097
Mass.....	7,700	9,792	10,237	1,321	1,693	1,784	Wash.....	6,355	10,549	11,625	1,793	2,687	2,815
Mich.....	8,480	10,172	11,118	926	1,105	1,201	W. Va.....	1,572	2,817	3,247	872	1,500	1,665
Minn.....	4,182	6,323	8,680	1,065	1,557	2,129	Wis.....	3,152	5,189	5,673	684	1,099	1,206
Miss.....	1,517	2,021	2,131	647	832	845	Wyo.....	382	785	1,167	1,022	1,745	2,477

¹ 1975 and 1979 based on Bureau of the Census estimated resident population as of July 1; 1980 based on enumerated resident population as of April 1.

Source: U.S. Bureau of the Census, *Governmental Finances*, series GF No. 5, annual, and unpublished data.

NO. 488. STATE GOVERNMENTS—REVENUE,

[In millions of dollars, except as indicated. For years ending June 30,

STATE	Total rev- enue ¹	GENERAL REVENUE								DEBT OUT- STAND- ING Total
		Total		Per capita ²		Intergovernmental revenue		Taxes ³	Charges and miscel- laneous	
		Amount	Rank	Total (dol.)	Rank	From Federal Government	From local govern- ments			
U.S.....	276,962	233,592	(x)	1,034	(x)	61,892	2,434	137,075	32,190	121,958
Ala.....	4,154	3,634	22	934	37	1,232	20	1,857	524	1,032
Alaska.....	3,230	3,011	27	7,529	1	378	2	1,438	1,193	1,545
Ariz.....	3,187	2,566	31	944	35	541	16	1,684	324	94
Ark.....	2,295	2,103	35	920	39	715	8	1,161	218	363
Calif.....	36,087	29,603	1	1,251	10	7,079	178	19,367	2,979	8,362
Colo.....	3,366	2,792	30	966	33	768	13	1,491	520	460
Conn.....	3,472	3,111	25	1,001	28	804	12	1,840	455	3,879
Del.....	970	893	45	1,500	5	205	1	516	170	1,044
Fla.....	8,223	7,304	8	750	48	1,742	48	4,804	709	2,627
Ga.....	5,194	4,583	18	839	43	1,417	11	2,729	427	1,405
Hawaii.....	1,895	1,637	37	1,696	3	368	5	998	265	1,864
Idaho.....	1,108	917	43	972	30	282	3	490	142	327
Ill.....	12,730	11,045	5	967	32	2,764	106	7,073	1,102	6,277
Ind.....	4,794	4,323	19	787	45	883	16	2,696	729	608
Iowa.....	3,479	2,958	28	1,015	27	744	38	1,747	429	381
Kans.....	2,419	2,162	34	915	40	577	10	1,270	304	438
Ky.....	4,168	3,744	20	1,023	25	1,089	11	2,145	498	3,035
La.....	5,412	4,792	17	1,140	18	1,302	2	2,397	1,091	2,977
Maine.....	1,369	1,176	41	1,048	22	401	10	619	148	730
Md.....	5,564	4,833	15	1,146	17	1,154	10	2,761	908	3,502
Mass.....	7,457	6,749	10	1,176	14	1,905	193	3,927	724	5,785
Mich.....	12,357	10,277	6	1,110	20	2,729	88	5,948	1,513	2,916
Minn.....	5,700	5,253	13	1,288	7	1,223	52	3,203	776	2,070
Miss.....	2,885	2,482	32	985	29	913	16	1,257	295	815
Mo.....	4,258	3,670	21	746	49	1,155	1	2,095	420	1,018
Mont.....	1,153	946	42	1,202	12	364	6	436	139	310
Nebr.....	1,506	1,420	39	904	42	361	28	817	213	199
Nev.....	1,221	829	46	1,038	23	234	8	477	111	528
N.H.....	894	672	50	730	50	241	15	267	149	899
N.J.....	8,822	7,148	9	971	31	1,768	89	4,266	1,025	6,527
N. Mex.....	2,183	1,984	36	1,526	4	422	16	926	620	708
N.Y.....	27,199	22,051	2	1,256	8	6,574	800	12,716	1,961	23,640
N.C.....	6,202	5,370	12	914	41	1,483	79	3,215	593	1,266
N. Dak.....	1,013	907	44	1,389	6	231	16	372	289	219
Ohio.....	12,180	8,231	7	762	47	2,156	80	4,767	1,228	4,015
Okla.....	3,433	3,135	24	1,036	24	776	22	1,776	561	1,526
Oreg.....	4,041	3,079	26	1,170	16	927	26	1,455	671	4,886
Pa.....	14,004	11,277	4	950	34	2,775	79	7,241	1,182	6,348
R.I.....	1,393	1,187	40	1,253	9	355	4	551	277	1,463
S.C.....	3,484	2,906	29	932	38	817	33	1,678	378	1,937
S. Dak.....	762	703	48	1,019	26	262	8	271	163	714
Tenn.....	4,028	3,572	23	778	46	1,208	33	1,887	444	1,406
Texas.....	12,924	11,927	3	838	44	2,898	19	6,759	2,251	2,469
Utah.....	1,889	1,558	38	1,066	21	497	9	786	266	537
Vt.....	711	630	49	1,233	11	242	3	267	119	654
Va.....	5,656	5,034	14	942	36	1,333	58	2,743	900	1,926
Wash.....	6,324	4,831	16	1,170	15	1,153	84	2,917	676	1,600
W. Va.....	2,640	2,179	33	1,117	19	711	2	1,219	245	1,816
Wis.....	6,588	5,596	11	1,189	13	1,491	42	3,366	697	2,446
Wyo.....	937	802	47	1,702	2	243	2	388	168	363

X Not applicable. ¹ Includes liquor stores and insurance trust activities, not shown separately.² Based on enumerated population as of April 1. ³ For details, see table 490.

Debt, and Expenditure by States: 1980

except as follows: Alabama and Michigan, Sept. 30; New York, Mar. 31; and Texas, Aug. 31]

DEBT OUT- STANDING— Con.		Total expendi- ture ⁴	GENERAL EXPENDITURES								STATE
			Total ⁴			Selected functions					
			Amount	Rank	Per capita ² (dol.)	Educa- tion	High- ways	Public welfare	Health and hospitals	Natural re- sources	
Per capita ²											
Total (dol.)	Rank										
540	(x)	257,812	228,223	(x)	1,010	87,939	25,044	44,220	17,855	4,346	U.S.
265	39	4,002	3,579	22	920	1,665	408	544	340	75	Ala.
3,861	1	2,033	1,931	27	4,827	599	174	115	49	105	Alaska.
35	50	2,637	2,447	31	900	1,182	337	150	156	35	Ariz.
159	46	2,148	1,993	35	872	781	376	319	140	57	Ark.
353	32	32,812	29,427	1	1,243	12,086	1,551	7,572	1,706	603	Calif.
159	45	2,805	2,581	30	893	1,243	336	379	206	59	Colo.
1,248	8	3,341	2,957	25	952	828	247	630	278	27	Conn.
1,755	4	886	820	45	1,378	343	88	99	49	13	Del.
270	38	7,387	7,005	8	719	3,147	947	705	635	218	Fla.
257	40	4,901	4,574	18	837	1,965	702	702	400	119	Ga.
1,932	2	1,660	1,539	37	1,595	559	102	233	132	52	Hawaii.
347	33	1,041	917	43	971	376	145	113	50	43	Idaho.
550	21	12,429	11,045	5	967	4,044	1,352	2,553	647	125	Ill.
111	49	4,867	4,448	19	810	1,942	645	574	317	90	Ind.
131	47	3,412	3,107	28	1,067	1,319	491	512	226	72	Iowa.
185	43	2,254	2,104	34	890	871	379	366	152	60	Kans.
829	15	4,569	4,213	20	1,151	1,588	904	637	256	88	Ky.
708	17	4,887	4,463	17	1,062	1,684	622	639	445	114	La.
649	19	1,326	1,143	41	1,016	389	151	266	61	46	Maine.
831	14	5,435	4,740	15	1,124	1,476	723	749	502	52	Md.
1,008	10	7,336	6,715	10	1,170	1,714	423	1,888	613	41	Mass.
315	36	12,634	10,513	6	1,136	3,643	987	2,843	894	130	Mich.
508	25	5,418	5,066	13	1,243	2,060	543	843	328	135	Minn.
323	35	2,691	2,460	32	976	1,010	371	385	176	71	Miss.
207	42	3,986	3,617	21	736	1,410	530	661	337	102	Mo.
393	27	1,005	864	42	1,097	279	187	95	51	48	Mont.
127	48	1,392	1,341	39	854	416	265	191	118	54	Nebr.
661	18	1,098	817	46	1,023	354	150	75	42	18	Nev.
976	11	889	735	49	798	190	129	133	55	14	N.H.
886	13	8,537	7,288	9	990	2,305	435	1,490	570	123	N.J.
544	22	1,744	1,663	36	1,279	753	206	162	136	41	N. Mex.
1,346	6	24,978	21,345	2	1,216	6,441	1,115	5,284	1,935	105	N.Y.
215	41	5,733	5,340	12	909	2,500	631	729	448	124	N.C.
336	34	910	854	44	1,307	312	138	88	49	32	N. Dak.
372	29	11,397	8,808	7	816	3,688	830	1,651	971	123	Ohio.
504	26	3,249	2,868	24	948	1,243	375	553	203	50	Okla.
1,856	3	3,456	2,987	26	1,135	1,037	432	464	212	120	Oreg.
535	23	12,644	10,316	4	869	3,695	868	2,729	915	158	Pa.
1,545	5	1,361	1,184	40	1,250	362	52	304	138	9	R.I.
621	20	3,325	2,799	29	898	1,264	270	355	299	65	S.C.
1,035	9	740	712	48	1,032	206	144	101	40	28	S. Dak.
306	37	3,874	3,543	23	772	1,416	610	570	289	72	Tenn.
174	44	11,487	10,815	3	760	5,518	1,688	1,455	823	174	Texas.
368	30	1,755	1,597	38	1,093	750	229	187	116	49	Utah.
1,280	7	676	608	50	1,190	206	73	100	43	19	Vt.
360	31	5,393	4,919	14	920	1,866	834	697	561	66	Va.
388	28	5,715	4,856	16	1,176	2,296	618	804	253	153	Wash.
932	12	2,679	2,263	33	1,161	813	577	249	124	46	W. Va.
520	24	6,074	5,574	11	1,185	1,878	510	1,233	333	97	Wis.
770	16	797	720	47	1,528	223	149	43	33	24	Wyo.

⁴Includes amounts not shown separately.Source: U.S. Bureau of the Census, *State Government Finances in 1980*, series GF80, No. 3.

No. 489. STATE GOVERNMENTS—SUMMARY OF FINANCES: 1960 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series Y 710-782]

ITEM	TOTAL (mil. dol.)							PER CAPITA ¹	
	1960	1965	1970	1975	1978	1979	1980	1970	1980
Borrowing and revenue	35,149	51,784	93,463	166,696	238,475	262,648	293,696	\$461	\$1,300
Borrowing.....	2,312	2,957	4,524	9,663	13,464	15,644	16,734	22	74
Revenue.....	32,838	48,827	88,939	157,033	225,011	247,004	276,962	439	1,226
General revenue.....	27,363	40,930	77,755	134,611	189,099	207,993	233,592	384	1,034
Taxes.....	18,036	26,126	47,962	80,155	113,261	124,908	137,075	237	607
Sales and gross receipts.....	10,510	15,059	27,254	43,346	58,270	63,668	67,855	135	300
General.....	4,302	6,711	14,177	24,760	35,280	39,505	43,168	70	191
Motor fuels.....	3,335	4,300	6,283	6,255	9,501	9,980	9,722	31	43
Alcoholic beverages.....	650	917	1,420	1,963	2,286	2,400	2,478	7	11
Tobacco products.....	923	1,284	2,308	3,286	3,654	3,640	3,738	11	17
Other.....	1,300	1,847	3,065	5,061	7,549	8,142	8,750	15	39
Licenses.....	2,495	3,218	4,615	6,289	7,654	8,215	8,690	23	38
Motor vehicles.....	1,468	1,889	2,728	3,855	4,473	4,779	4,936	13	22
Corporations in general.....	426	528	764	1,041	1,138	1,262	1,388	4	6
Other.....	602	819	1,123	1,592	2,043	2,173	2,366	6	11
Individual income.....	2,209	3,657	9,183	18,819	29,105	32,622	37,089	45	164
Corporation net income.....	1,180	1,929	3,738	6,842	10,738	12,128	13,321	18	59
Property.....	607	766	1,092	1,451	2,366	2,490	2,892	6	13
Other.....	1,034	1,496	2,081	3,607	5,129	5,784	7,227	10	31
Charges and miscellaneous.....	2,583	4,483	9,545	16,629	22,377	25,998	32,190	47	143
Intergovernmental revenue.....	6,745	10,320	20,248	37,827	53,461	57,087	64,326	100	284
From Federal Government.....	6,382	9,874	19,252	36,148	50,200	54,548	61,892	95	274
Public welfare.....	2,046	3,133	7,818	14,247	20,007	22,313	24,680	39	109
Education.....	727	1,393	4,554	7,879	9,819	10,710	12,765	23	57
Highways.....	2,863	3,987	4,431	5,260	6,301	7,015	8,860	22	39
Other.....	725	1,359	2,450	8,781	14,072	14,510	15,587	12	69
From local governments.....	363	447	995	1,680	3,261	2,539	2,434	5	11
Liquor stores revenue.....	1,128	1,270	1,748	2,129	2,388	2,504	2,765	9	12
Insurance trust revenue.....	4,347	6,627	9,437	20,293	32,562	35,370	39,301	47	174
Utility revenue ²	(NA)	(NA)	(NA)	(NA)	962	1,137	1,304	(NA)	6
Debt outstanding, yearend	18,543	27,034	42,008	72,127	102,569	111,740	121,958	208	540
Long-term.....	18,128	26,235	38,903	67,548	99,671	109,449	119,821	192	530
Full faith and credit.....	8,912	11,819	17,736	33,736	46,316	48,286	49,364	88	219
Nonguaranteed.....	9,216	14,415	21,167	33,812	53,356	61,163	70,457	105	312
Short-term.....	415	800	3,104	4,579	2,897	2,291	2,137	15	9
Net long-term.....	15,595	22,504	34,478	58,388	72,089	81,338	79,810	170	353
Full faith and credit only.....	6,711	9,094	14,832	29,503	39,147	40,401	39,357	73	174
Expenditure and debt redemption	32,496	46,769	87,151	161,804	208,533	230,163	263,834	430	1,168
Debt redemption.....	900	1,130	2,096	2,922	4,701	5,497	6,022	10	27
Expenditure.....	31,596	45,639	85,055	158,882	203,832	224,666	257,812	420	1,141
General expenditure ³	27,228	40,446	77,642	138,303	179,802	200,534	228,223	384	1,010
Public welfare.....	3,704	5,434	13,206	25,559	35,776	38,893	44,219	65	196
Education.....	8,857	14,532	30,865	54,012	69,702	77,722	87,939	152	389
Highways.....	7,317	9,844	13,483	17,483	18,479	21,228	25,044	67	111
Health and hospitals.....	2,072	2,943	5,355	10,158	13,864	15,529	17,855	26	79
State hospitals.....	1,616	2,254	3,941	6,891	8,979	9,922	11,015	19	49
Other hospitals and health.....	454	689	1,415	3,267	4,905	5,607	6,840	7	30
Housing and urban renewal.....	33	80	120	632	337	424	601	1	3
Natural resources.....	862	1,381	2,223	3,554	3,411	3,808	4,346	11	19
Correction.....	433	652	1,104	2,203	3,275	3,770	4,449	5	20
Police protection.....	251	352	741	1,423	1,826	2,034	2,263	4	10
Employment security.....	313	457	767	1,509	1,757	1,799	2,001	4	9
Financial administration.....	447	609	1,032	1,792	2,482	2,723	3,031	5	13
General control.....	216	350	717	1,496	2,331	2,812	3,232	4	14
Misc. and unallocable.....	2,722	3,810	8,029	16,483	25,542	29,791	33,242	40	147
Liquor stores expenditure.....	907	1,022	1,404	1,719	1,991	2,068	2,206	7	10
Insurance trust expenditure.....	3,461	4,170	8,010	18,880	20,495	20,107	24,981	30	111
Utility expenditure ²	(NA)	(NA)	(NA)	(NA)	1,544	1,957	2,401	(NA)	11
By character and object:									
Intergovernmental expenditure.....	9,433	14,174	28,892	51,978	67,287	75,975	84,504	143	374
Direct expenditure.....	22,152	31,465	56,163	106,905	136,545	148,691	173,307	277	767
Current operation.....	9,534	14,930	30,971	60,793	86,153	94,533	108,131	153	479
Capital outlay ³	6,607	9,307	13,295	17,307	16,064	19,124	23,325	66	103
Construction.....	5,509	7,600	11,185	14,443	13,260	15,930	19,736	55	87
Land and existing structures.....	802	1,176	1,240	1,475	1,171	1,229	1,345	6	6
Equipment.....	296	531	870	1,389	1,633	1,965	2,243	4	10
Assistance and subsidies.....	2,015	2,236	4,387	6,673	8,341	8,878	9,818	22	43
Interest on debt.....	536	822	1,499	3,272	5,493	6,048	7,052	7	31
Insurance benefits and repayments.....	3,461	4,170	6,010	18,860	20,495	20,107	24,981	30	111

NA Not available. ¹ Based on estimated resident population as of July 1, except for 1980 based on enumerated resident population as of Apr. 1. ² For 1978 and subsequent fiscal years, utility revenue and expenditure have been compiled separately and not included with general revenue and expenditure. ³ Intergovernmental and direct.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*; and *State Government Finances*, series GF No. 3, annual.

NO. 490. STATE GOVERNMENT TAX COLLECTIONS AND EXCISE TAXES, BY TYPE OF TAX—STATES: 1980

[Collections include local shares of State-imposed taxes. Excise taxes as of September 1]

STATE	STATE TAX COLLECTIONS (mil. dol.)								EXCISE TAXES		
	Total ¹	Sales and gross receipts				Individual income	Corporation net income	Motor vehicle and operators' licenses	General sales and gross receipts (per-cent) ²	Ciga- rettes (cents per pack- age)	Gasoline (cents per gal.)
		Totals ¹	General sales or gross receipts ¹	Motor fuels	Alcoholic beverages and tobacco products						
U.S. ³	137,075	67,855	43,168	9,722	6,216	37,089	13,321	5,325	(x)	(x)	(x)
Ala.....	1,857	1,146	577	173	143	397	109	44	⁴ 4	16	11
Alaska.....	1,438	54	(x)	26	11	100	585	12	(x)	8	8
Ariz.....	1,684	1,057	815	118	62	287	118	62	⁴ 4E	13	8
Ark.....	1,161	625	372	136	72	317	84	78	⁴ 3	17.75	9.5
Calif.....	19,367	8,600	6,695	854	408	6,464	2,507	431	⁴ 4.75 E	10	7
Colo.....	1,491	758	537	113	59	461	111	54	⁴ 3 E	10	7
Conn.....	1,840	1,326	803	153	102	101	246	83	7.5 E	21	11
D.C. ³	941	326	194	18	19	276	67	19	6 E	13	10
Del.....	516	74	(x)	29	17	236	41	24	(x)	14	9
Fla.....	4,804	3,544	2,252	417	539	(x)	371	268	⁴ 3	21	8
Ga.....	2,729	1,507	932	330	176	872	240	54	⁴ 3	12	7.5
Hawaii.....	998	614	498	35	26	311	50	8	⁵ 4	(⁶)	⁷ 8.5
Idaho.....	490	223	137	53	16	159	43	36	3 C	9.1	9.5
Ill.....	7,073	3,681	2,379	388	254	1,901	798	382	⁴ 8.4	12	7.5
Ind.....	2,696	1,761	1,332	256	115	557	179	98	⁴ 4 E	10.5	8.5
Iowa.....	1,747	778	502	167	63	602	139	140	3 E	13	10
Kans.....	1,270	635	418	119	63	336	150	74	⁶ 3	11	8
Ky.....	2,145	1,007	608	187	37	506	159	56	⁴ 5 E	3	9
La.....	2,397	1,190	739	188	112	247	249	50	⁴ 3 E	11	8
Maine.....	619	348	214	52	50	143	45	37	5 E	16	9
Md.....	2,761	1,248	713	187	81	1,097	166	87	5 E	13	9
Mass.....	3,927	1,350	746	212	225	1,880	532	66	5 E	21	10
Mich.....	5,948	2,557	1,707	474	230	1,917	911	260	⁴ 4 E	11	11
Minn.....	3,203	1,216	650	205	141	1,263	381	141	⁴ 4 E	18	11
Miss.....	1,258	900	671	128	64	150	64	31	5	11	9
Mo.....	2,095	1,146	792	203	86	603	135	113	⁴ 3.125	9	7
Mont.....	436	95	(x)	51	26	135	46	22	(x)	12	9
Nebr.....	817	447	277	104	34	236	58	44	⁴ 3	13	10.5
Nev.....	477	391	183	35	23	(x)	(x)	24	⁴ 9.3 E	10	6
N.H.....	267	133	(x)	48	31	10	63	24	(x)	12	11
N.J.....	4,266	2,092	1,180	288	226	1,005	497	276	5 E	19	8
N. Mex.....	926	537	403	70	23	47	46	37	⁴ 10.3.75	12	8
N.Y.....	12,717	4,608	2,845	475	482	5,780	1,035	329	⁴ 4 E	15	8
N.C.....	3,215	1,413	694	295	123	1,181	292	137	⁴ 3	2	9
N. Dak.....	372	192	124	33	16	53	36	27	3 E	12	8
Ohio.....	4,767	2,659	1,446	397	284	1,040	517	220	⁴ 4 E	15	7
Okla.....	1,776	679	318	130	118	362	90	127	⁴ 2	18	6.58
Oreg.....	1,455	172	(x)	93	40	868	177	109	(x)	9	7
Pa.....	7,241	3,519	1,996	576	373	1,672	862	328	6 E	18	11
R.I.....	551	298	170	39	31	154	54	18	6 E	18	10
S.C.....	1,678	939	576	173	113	495	153	34	4	7	10
S. Dak.....	271	233	147	42	18	(x)	3	17	⁴ 11.5	14	12
Tenn.....	1,887	1,416	982	227	124	31	198	103	⁴ 4.5	13	7
Tex.....	6,759	4,369	2,537	481	522	(x)	(x)	325	⁴ 4 E	18.5	5
Utah.....	786	434	325	74	16	265	40	20	⁴ 4	10	9
Vt.....	266	128	41	22	23	83	22	21	3 E	12	9
Va.....	2,743	1,212	595	275	93	1,103	194	111	⁴ 3	2.5	11
Wash.....	2,917	2,177	1,625	255	145	(x)	(x)	89	⁴ 4.5 E	16	12
W. Va.....	1,219	846	599	101	43	252	33	50	¹² 3	17	10.5
Wis.....	3,366	1,305	854	195	128	1,430	311	108	⁴ 4 E	16	9
Wyo.....	388	215	163	38	8	(x)	(x)	31	⁴ 10.3	8	8

X Not applicable. ¹Includes amounts for types of taxes not shown separately. ²C = income tax credit provided; E = food exempt from sales tax. Source of exemption data: Advisory Commission on Intergovernmental Relations, Wash., D.C., *Significant Features of Fiscal Federalism*, annual. ³D.C. excluded from U.S. total. ⁴Excludes State-collected supplemental local sales taxes imposed by local governments under State enabling legislation, as well as locally administered taxes. ⁵Effective Jan. 1, 1974, a general excise tax credit replaced the consumer, educational, drug and medical, and rental tax credits. ⁶40% of wholesale price. ⁷State rate per gallon in Hawaii County, 11.5 cents. Combined State and local rates per gallon, in cents: Honolulu, 12; Kauai, 12.5; and Maui, 13.5. ⁸Food is taxed at a reduced rate, 3 rather than 4%, beginning Jan. 1, 1980. ⁹Includes a mandatory State-imposed 1% county sales tax. ¹⁰An income tax credit is provided for all State-local taxes paid plus a food tax credit equal to \$40 for each exemption allowed for Federal income tax purposes. ¹¹A sales tax credit based on Federal adjusted gross income is provided for elderly and disabled persons. ¹²The sales tax on food was reduced from 3 to 2% on July 1, 1979, and to 1% on July 1, 1980. Sales of food made after June 30, 1981 are exempt from tax. ¹³A sales and use tax refund is provided for low-income elderly and disabled persons.

Source: Except as noted, U.S. Bureau of the Census, *State Government in 1980*, series GF80, No. 1 and *State Government Finances in 1980*, series GF80, No. 3.

No. 491. STATE GOVERNMENT INDIVIDUAL INCOME TAXES: 1980

[As of July 1. Only basic rates, brackets and exemptions are shown. Taxable income rates and brackets apply to single individuals; other schedules may be used for married taxpayers filing jointly or separately and/or heads of households in California, Georgia, Hawaii, Idaho, Kansas, Maine, New Mexico, Oklahoma, Oregon, Utah, and West Virginia. No tax is levied in Alaska, Florida, Nevada, South Dakota, Texas, Washington, and Wyoming. For details or special rates or features (e.g., lower rates for low income persons, tax credits for senior citizens or the disabled, etc.) see source]

STATE	Taxable income rates (range in percent)	TAXABLE INCOME BRACKETS		PERSONAL EXEMPTIONS ¹			SIZE OF STANDARD DEDUCTION			Federal income tax deductible
		Lowest: amount under	Highest: amount over	Single	Married-joint return	Dependents	Per-cent	Single	Married-joint return	
Ala.....	1.5-5.0	\$1,000	\$5,000	\$1,500	\$3,000	\$300	10	\$1,000	\$1,000	Yes
Ariz.....	2.0-8.0	1,000	6,000	² 1,422	² 2,844	² 854	² 14	² 711	² 1,422	Yes
Ark.....	1.0-7.0	2,999	25,000	² 1,750	² 35	² 6	² 10	² 1,000	² 1,000	No
Calif.....	2.5-8.0	³ 1,236	³ 12,363	² 1,051	² 2,102	² 1,051	(x)	² 1,236	² 1,236	Yes
Colo.....	⁴ 1.0-9.0	20,000	100,000	(x)	(x)	(x)	(x)	(x)	(x)	No
Conn.....	1.4-13.5	1,000	50,000	600	1,200	600	(x)	1,000	1,000	Yes ⁷
D.C.....	2.0-11.0	1,000	25,000	750	1,500	750	10	1,000	1,000	No
Ga.....	1.0-6.0	750	7,000	1,500	3,000	700	15	2,000	2,000	No
Hawaii.....	2.25-11.0	500	30,000	750	1,500	750	10	1,000	1,000	No
Idaho.....	2.0-7.5	1,000	5,000	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	No
Ill.....	2.5	Flat rate		1,000	2,000	1,000	(x)	(x)	(x)	No
Ind.....	1.9	Flat rate		1,000	2,000	500	(x)	(x)	(x)	No
Iowa.....	5-13.0	¹⁰ 1,023	¹⁰ 76,725	³ 17	³ 34	³ 12	¹¹ 15	1,200	3,000	Yes
Kans.....	2.0-9.0	2,000	25,000	1,000	2,000	1,000	16	2,400	2,800	Yes
Ky.....	2.0-6.0	3,000	8,000	³ 20	³ 40	³ 20	(x)	650	650	Yes
La.....	2.0-6.0	10,000	50,000	¹² 2,500	¹² 5,000	¹² 400	(⁹)	(⁹)	(⁹)	Yes
Maine.....	1.0-10.0	2,000	25,000	1,000	2,000	1,000	16	2,400	2,800	No
Md.....	2.0-5.0	1,000	3,000	800	1,600	800	13	1,500	3,000	No
Mass.....	¹³ 5.0	Flat rate		2,000	(¹⁴)	600	(x)	(x)	(x)	No
Mich.....	4.6	Flat rate		1,500	3,000	1,500	(x)	(x)	(x)	No
Minn.....	¹⁵ 1.6-16.0	599	32,890	³ 60	³ 120	³ 60	10	2,000	2,000	Yes
Miss.....	3.0-4.0	5,000	5,000	5,250	8,000	1,500	(x)	2,300	3,400	No
Mo.....	1.5-6.0	1,000	9,000	1,200	2,400	400	(x)	2,300	3,400	Yes
Mont.....	¹⁶ 2.0-11.0	1,000	35,000	800	1,600	800	15	1,000	2,000	Yes ⁷
Nebr.....	¹⁸ 5.0	Flat rate		600	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	No
N.H.....	²⁰ 2.0-2.5	20,000	20,000	1,000	2,000	1,000	(x)	(x)	(x)	No
N.J.....	8-9.0	2,000	100,000	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	No
N.Mex.....	²¹ 2.0-14.0	1,000	23,000	750	1,500	750	16	2,400	2,400	No
N.Y.....	3.0-7.0	2,000	10,000	1,100	²² 2,200	700	10	550	(²³)	Yes
N.C.....	1.0-7.5	3,000	30,000	750	1,800	750	16	2,400	2,800	Yes
N. Dak.....	5-3.5	5,000	40,000	653	1,300	650	(x)	(x)	(x)	No
Ohio.....	5-6.0	1,000	7,500	750	1,500	750	15	2,000	2,000	Yes ⁷
Okl.....	4.0-10.0	500	5,000	1,000	2,000	1,000	13	1,500	1,500	Yes ⁷
Oreg.....	2.2	Flat rate		(x)	(x)	(x)	(x)	(x)	(x)	No
Pa.....	(¹⁷)	Flat rate		(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	No
R.I.....	2.0-7.0	²⁴ 2,000	²⁴ 10,000	²⁴ 800	²⁴ 1,600	²⁴ 800	²⁴ 10	²⁴ 500	²⁴ 1,000	Yes ⁷
S.C.....	²⁵ 6.0	Flat rate		(x)	(x)	(x)	(x)	(x)	(x)	No
Tenn.....	2.25-7.75	750	4,500	750	1,500	750	15	2,000	2,000	Yes
Utah.....	(¹⁷)	Flat rate		(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	No
Vt.....	2.0-5.75	3,000	12,000	600	1,200	600	15	2,000	2,000	No
W. Va.....	2.1-9.6	2,000	200,000	600	1,200	600	10	1,000	1,000	No
Wis.....	3.4-10.0	²⁶ 300	²⁶ 44,000	³ 20	³ 40	³ 20	(x)	2,300	3,400	No

X Not applicable. ¹ Many States also commonly allow other types of exemptions, such as physical or mental disability exemptions and tax credits for such items as specified contributions or taxes paid to other jurisdictions. ² To be adjusted annually by an inflation factor as follows: Arizona based on metropolitan Phoenix Consumer Price Index; California based on State Consumer Price Index; Colorado set by the General Assembly based on various price data. ³ Tax credit. ⁴ Tax based on tax tables. Tax rate schedules not provided. For 1980, tax liabilities for single individuals range from 0 on taxable income under \$50 to \$2,148 on taxable income between \$29,950 and \$30,000. For income over \$30,000 the tax is \$2,146 plus 11% of all income over \$30,000. ⁵ An annual inflation factor is applied to index personal income tax bracket and personal exemptions. ⁶ Tax shown applies to dividends and applies if AGI is over \$20,000. For capital gains after a basic exemption of \$100 (\$200 for married filing jointly), a 7% tax applies. ⁷ Subject to limitations. ⁸ Since State tax is based on either Federal taxable income or Federal taxable liability, in effect, Federal personal exemptions are adopted. ⁹ Since the State uses either the Federal tax base or Federal tax liability in computing the State tax, in effect, the Federal "zero bracket amount" is adopted. ¹⁰ An annual inflation factor based on Consumer Price Index is applied. Residents or nonresidents with net income of \$5,000 or less are non-taxable. If payment of tax reduces net income to below \$5,000 the tax is reduced allowing taxpayer to retain net income of \$5,000. ¹¹ Deduction of 15 percent of net income after deduction of Federal income tax not to exceed \$1,200. ¹² All personal exemptions taken on the Federal return are incorporated into tax tables which must be used when filing State return. ¹³ Data apply to earned income and annuities; 9% (flat rate) imposed on net capital gains, interest and dividends. No tax is imposed on, and the tax may not reduce, total income below \$5,000 for a husband and wife or \$3,000 for a single individual. A 7.5% surcharge on tax liability is also additional. ¹⁴ Exemption is the smaller of \$4,000 or \$2,800 plus the income of the spouse having the smaller income. ¹⁵ Beginning 1978, brackets adjusted for inflation. For 1980, adjustment is 8.6% based on Minneapolis-St. Paul Consumer Price Index. ¹⁶ A 10% surcharge on tax liability is additional. ¹⁷ Based on Federal income tax liability as follows for 1980: Nebraska, 17%; Rhode Island, 19%; Vermont, 23% (with specified allowances). ¹⁸ Tax on interest and dividends (excluding interest on savings deposits). ¹⁹ Each spouse having taxable income is eligible for \$600 deduction; therefore, maximum exemption is \$1,200; joint returns are not permitted. ²⁰ No individual taxpayer or married couple filing joint return is subject to tax if gross income is \$3,000 (\$1,500 or less for married couple filing separately). ²¹ No tax due from individuals with an adjusted gross income of \$2,500 or less or married head of household or surviving spouse of \$5,000 or less. ²² An additional exemption of \$1,100 is allowed the spouse with the smallest income. Joint returns are not allowed. ²³ An additional \$500 is allowed a married woman with separate income. Joint returns are not permitted. ²⁴ Brackets, personal exemptions, and optional standard deduction adjusted annually by inflation based on Consumer Price Index adjusted to conform to the State's situation. Tax does not apply to persons 65 or older who for the taxable year has gross income of not more than \$2,800 with no dependents or \$4,000 with dependent spouse or other dependent. ²⁵ Tax on interest and dividends. Individuals 65 and over with total incomes of \$6,000 or less are exempt. ²⁶ Beginning 1980, brackets will be increased to reflect percentage change in the Consumer Price Index from year-to-year, but not to exceed 10%.

Source: Advisory Commission on Intergovernmental Relations, Washington, D.C., *Significant Features of Fiscal Federalism*, 1979-1980.

No. 492. STATE GENERAL OPERATING FUND RESOURCES AND EXPENDITURES: 1980 TO 1982

[In millions of dollars. Fiscal year data. General operating funds exclude special funds earmarked for particular purposes, such as highway trust funds; they support most on-going broad-based State services, as opposed to long-term State capital projects and are available for appropriation to support any governmental activity]

STATE	GENERAL FUND RESOURCES ¹			EXPENDITURES			BALANCE					
							Total			As percent of expenditures		
	1980	1981 ²	1982 ²	1980	1981 ²	1982 ²	1980	1981 ²	1982 ²	1980	1981 ²	1982 ²
U.S.	137,288	147,808	155,619	125,978	143,083	153,343	11,314	4,726	2,293	9.0	3.3	1.5
Ala.	1,535	1,629	1,682	1,517	1,629	1,682	18	-	-	1.2	-	-
Alaska ..	3,359	5,825	5,986	1,166	4,794	5,305	2,194	1,031	681	188.2	21.5	12.8
Ariz.	1,424	1,602	1,639	1,190	1,484	1,616	234	119	23	19.7	8.0	1.4
Ark.	830	898	980	830	898	980	1	-	-	.1	-	-
Calif.	21,075	21,596	21,049	18,534	21,567	21,049	2,541	29	-	13.7	.1	-
Colo.	1,521	1,534	1,587	1,260	1,474	1,517	261	60	70	21.5	4.2	4.8
Conn.	2,395	2,676	3,008	2,395	2,711	3,008	-	-35	-	-	-1.3	-
Del.	660	717	766	620	695	748	40	22	18	6.8	3.3	2.5
Fla.	4,369	4,870	5,654	3,715	4,340	5,256	654	531	397	17.6	12.2	7.6
Ga.	2,900	3,236	3,419	2,741	3,170	3,419	159	66	-	5.8	2.1	-
Hawaii.	1,156	1,354	1,453	977	1,166	1,229	179	187	225	18.3	16.0	18.3
Idaho.	366	387	452	360	387	452	7	-	-	1.9	-	-
Ill.	7,832	8,572	9,028	7,442	8,347	8,803	390	225	225	5.2	2.7	2.6
Ind.	2,252	2,242	2,187	2,036	2,176	2,170	217	66	17	10.7	3.0	.8
Iowa.	1,624	1,643	1,740	1,595	1,642	1,710	28	-	30	1.8	-	1.8
Kans.	1,296	1,409	1,491	1,112	1,272	1,352	183	138	138	16.5	10.8	10.2
Ky.	1,880	1,966	2,120	1,866	1,966	2,120	14	-	-	.8	-	-
La.	3,399	3,771	4,094	2,849	3,520	4,094	550	251	-	19.3	7.1	-
Maine	548	577	629	529	571	626	19	6	3	3.6	1.1	.5
Md.	2,911	2,941	2,918	2,618	2,836	2,919	293	105	-	11.2	3.7	-
Mass.	3,932	4,251	4,448	3,887	4,219	4,438	44	34	10	1.1	.8	.2
Mich.	4,772	4,355	4,976	4,772	4,354	4,976	-	-	-	-	-	-
Minn.	3,682	3,827	4,126	3,561	3,807	4,306	121	20	-180	3.4	.5	-4.2
Miss.	1,030	1,147	1,285	970	1,065	1,276	60	82	9	6.2	7.7	.7
Mo.	2,152	2,155	2,244	1,912	2,092	2,144	240	64	99	13.7	3.1	4.6
Mont.	279	305	334	236	261	254	42	44	79	17.8	16.9	31.1
Nebr.	687	743	757	571	708	721	116	35	36	20.3	4.9	5.0
Nev.	421	416	403	355	392	370	66	24	33	18.6	6.1	8.9
N.H.	266	245	260	256	244	267	10	-	-7	3.9	-	-2.6
N.J.	5,051	5,424	5,666	4,770	5,125	5,635	281	300	30	5.9	5.9	.5
N. Mex.	983	1,177	1,235	844	1,063	1,139	140	114	96	16.6	10.7	8.4
N.Y.	13,349	15,021	16,334	13,338	15,009	16,323	11	11	12	.1	.1	.1
N.C.	3,030	3,282	3,433	2,745	3,151	3,433	285	131	-	10.4	4.2	-
N. Dak.	452	524	620	295	348	494	157	176	126	53.2	50.6	25.5
Ohio.	4,380	4,872	5,140	4,238	4,738	5,010	142	134	129	3.4	2.8	2.6
Okla.	1,054	1,102	1,365	998	1,045	1,308	56	56	56	5.6	5.4	4.3
Oreg.	1,521	1,470	1,557	1,424	1,461	1,550	96	10	7	6.7	.7	.5
Pa.	6,491	6,864	7,197	6,424	6,798	7,196	68	66	1	1.1	1.0	-
R.I.	708	799	797	673	767	796	35	33	1	5.2	4.3	.1
S.C.	1,581	1,769	1,903	1,532	1,768	1,903	49	-	-	3.2	-	-
S. Dak.	236	252	284	220	233	276	16	20	8	7.3	8.6	2.9
Tenn.	1,844	1,740	1,782	1,759	1,705	1,746	84	36	36	4.9	2.2	2.1
Tex.	4,560	4,653	5,112	4,122	4,259	5,245	439	394	-112	10.7	9.3	-2.1
Utah.	755	789	864	747	782	863	9	6	-	1.2	.8	-
Vt.	218	247	275	226	246	275	-7	-	-	-3.1	-	-
Va.	2,835	2,928	2,852	2,485	2,891	2,844	351	37	8	14.1	1.3	.3
Wash.	2,817	3,053	3,146	2,692	3,052	3,265	125	-	-119	4.6	-	-3.6
W. Va.	1,128	1,147	1,294	1,045	1,131	1,293	83	16	1	7.9	1.4	.1
Wis.	3,402	3,410	3,640	3,329	3,409	3,609	73	1	32	2.2	-	.9
Wyo.	340	396	408	200	315	333	140	81	75	70.0	25.7	22.5

- Represents zero. ¹ Includes funds budgeted and balances from previous year. ² Projections based on budgets enacted by State legislatures in late spring/early summer 1980 and 1981.

Source: National Governor's Association and National Association of State Budget Officers, Washington, D.C., *Fiscal Survey of the States*, annual.

**NO. 493. GROSS REVENUE OF STATES FROM LOTTERIES AND PARIMUTUEL TAXES, 1975 TO 1980,
AND BY STATE, 1980**

STATE	Gross revenue (mil. dol.)	Parimutuel taxes (mil. dol.)	LOTTERY REVENUE			STATE	Gross revenue (mil. dol.)	Parimutuel taxes (mil. dol.)	LOTTERY REVENUE		
			Total (mil. dol.)	Percent					Total (mil. dol.)	Percent	
				Prize money	Administration ¹					Prize money	Administration ¹
1975.....	1,553.0	776.4	776.6	38.0	10.2	Md.....	388.4	16.0	372.3	46.8	3.4
1976.....	1,694.8	719.3	975.5	40.5	10.0	Mass.....	221.9	29.5	192.5	47.0	4.9
1977.....	1,912.8	721.2	1,191.6	45.3	10.3	Mich.....	513.8	26.0	487.9	49.4	2.2
1978.....	2,304.1	689.5	1,614.6	43.3	8.0	Nebr.....	7.4	7.4	(x)	(x)	(x)
1979.....	2,522.0	717.4	1,804.5	43.5	7.7	Nev.....	.4	.4	(x)	(x)	(x)
1980.....	2,838.8	731.5	2,107.3	43.6	6.2	N.H.....	21.4	12.4	9.0	37.5	21.4
Ariz.....	9.6	9.6	(x)	(x)	(x)	N.J.....	347.6	15.7	331.9	52.4	4.7
Ark.....	15.6	15.6	(x)	(x)	(x)	N. Mex.....	3.5	3.5	(x)	(x)	(x)
Calif.....	126.3	126.3	(x)	(x)	(x)	N.Y.....	281.5	98.8	182.8	39.8	14.6
Colo.....	8.4	8.4	(x)	(x)	(x)	Ohio.....	84.0	26.8	57.2	18.0	19.6
Conn.....	182.9	52.9	129.9	50.2	3.0	Oreg.....	4.7	4.7	(x)	(x)	(x)
Del.....	17.5	1.6	15.9	50.8	9.4	Pa.....	222.4	27.8	194.7	8.0	10.8
Fla.....	102.5	102.5	(x)	(x)	(x)	R.I.....	41.3	7.9	33.4	44.0	6.2
Idaho.....	.4	.4	(x)	(x)	(x)	S. Dak.....	2.3	2.3	(x)	(x)	(x)
Ill.....	170.1	79.1	91.0	50.3	10.4	Vt.....	3.7	.8	2.9	46.9	47.6
Ky.....	14.0	14.0	(x)	(x)	(x)	Wash.....	7.2	7.2	(x)	(x)	(x)
La.....	18.8	18.8	(x)	(x)	(x)	W. Va.....	13.8	13.8	(x)	(x)	(x)
Maine.....	7.3	1.3	6.0	46.4	41.7	Wyo.....	.2	.2	(x)	(x)	(x)

X Not applicable. ¹ Includes other expenses. Excludes funds available for other purposes.

Source: U.S. Bureau of the Census, *State Government Finances in 1980*, series GF 80, No. 3.

NO. 494. STATE PAYMENTS TO LOCAL GOVERNMENTS, BY STATE: 1977

[Intergovernmental expenditure is defined as the actual payment of money to local governments, including grants-in-aid and State-collected, locally shared taxes, as well as State reimbursements to local governments for services rendered (e.g., care of prisoners, construction of public improvements, etc.) It excludes transactions or activities which benefit localities without involving flow of funds. For details, see source]

STATE	Total pay-ments (mil. dol.)	Percent of State general ex-pen-ditures	PER CAPITA PAYMENTS ¹ (dollars)			STATE	Total pay-ments (mil. dol.)	Percent of State general ex-pen-ditures	PER CAPITA PAYMENTS ¹ (dollars)		
			Total	Edu-cation	Public wel-fare				Total	Edu-cation	Public wel-fare
U.S.....	61,074	36.8	283	171	41	Mont.....	169	25.3	222	175	1
Ala.....	732	28.2	198	152	-	Nebr.....	318	31.8	204	76	9
Alaska.....	234	22.8	576	395	-	Nev.....	153	30.0	242	194	(z)
Ariz.....	731	43.1	318	219	(2)	N.H.....	95	17.3	112	47	-
Ark.....	439	31.6	205	141	1	N.J.....	2,010	36.9	274	151	65
Calif.....	8,248	43.4	377	192	91	N. Mex.....	398	37.5	335	259	-
Colo.....	690	35.2	263	174	51	N.Y.....	9,993	54.3	558	216	227
Conn.....	532	24.9	171	112	6	N.C.....	1,820	45.9	329	227	48
Del.....	145	23.4	250	218	-	N. Dak.....	162	25.8	248	169	8
Fla.....	2,017	41.1	239	188	-	Ohio.....	2,466	38.5	230	141	13
Ga.....	994	31.9	197	157	2	Okla.....	565	28.8	201	153	1
Hawaii.....	35	2.6	39	-	-	Oreg.....	504	26.5	212	138	1
Idaho.....	220	32.1	256	173	-	Pa.....	2,714	30.3	230	165	13
Ill.....	2,824	33.1	251	176	9	R.I.....	157	19.6	168	118	15
Ind.....	1,335	41.9	250	128	23	S.C.....	584	27.2	203	147	-
Iowa.....	895	39.0	311	205	6	S. Dak.....	75	14.8	108	76	(z)
Kans.....	447	28.1	192	154	-	Tenn.....	719	28.2	167	114	1
Ky.....	591	22.9	171	141	-	Tex.....	2,216	30.2	173	167	-
La.....	983	30.0	251	178	-	Utah.....	304	28.8	239	205	-
Maine.....	220	27.4	203	165	2	Vt.....	83	17.9	171	117	-
Md.....	1,441	40.5	348	180	60	Va.....	1,062	30.2	207	141	43
Mass.....	1,247	26.2	216	145	-	Wash.....	1,059	31.6	289	212	2
Mich.....	2,794	36.5	306	174	18	W. Va.....	430	27.6	231	215	-
Minn.....	1,797	47.0	452	274	57	Wis.....	1,979	48.4	426	155	68
Miss.....	602	34.6	252	181	-	Wyo.....	119	29.5	293	169	-
Mo.....	726	29.4	151	125	1						

- Represents zero. Z Less than \$.50.

¹ Based on estimated resident population as of July 1.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 3, *State Payments to Local Governments*.

NO. 495. NUMBER OF LOCAL GOVERNMENTS, BY TAXING POWER AND TYPE, AND PUBLIC SCHOOL SYSTEMS—STATES: 1972 AND 1977

[Limited to governments actually in existence. Excludes, therefore, a few counties and numerous townships and "incorporated places" existing as areas for which statistics can be presented as to population and other subjects, but lacking any separate organized county, township, or municipal government]

STATE	1972			1977								
	All types of local governments			All types of local governments		Local governments other than school districts					School districts	Public school systems ²
	Total	With property taxing power	Excluding school districts	Total	With property taxing power	Total	Counties ¹	Municipalities	Townships	Special districts		
U.S.....	78,218	65,914	62,437	79,862	67,780	64,688	3,042	18,862	16,822	25,962	15,174	16,548
Ala.....	875	589	749	949	613	822	67	419	-	336	127	127
Alaska.....	120	120	120	150	150	150	8	142	-	-	-	32
Ariz.....	406	377	169	420	418	190	14	70	-	106	230	237
Ark.....	1,283	917	895	1,346	923	966	75	467	-	424	380	380
Calif.....	3,819	3,498	2,687	3,806	3,595	2,697	57	413	-	2,227	1,109	1,110
Colo.....	1,319	1,168	1,132	1,459	1,394	1,274	62	262	-	950	185	185
Conn.....	428	340	414	434	359	418	-	33	149	236	16	165
Del.....	158	82	133	210	85	185	3	55	-	127	25	26
D.C.....	3	1	3	2	1	2	-	1	-	1	-	2
Fla.....	865	674	771	911	686	816	66	389	-	361	95	95
Ga.....	1,243	884	1,054	1,263	876	1,075	158	530	-	387	188	188
Hawaii.....	19	4	19	19	4	19	3	1	-	15	-	1
Idaho.....	901	730	784	972	792	855	44	199	-	612	117	117
Ill.....	6,385	5,337	5,208	6,820	5,522	5,557	102	1,274	1,436	2,745	1,063	1,063
Ind.....	2,792	2,206	2,477	2,854	2,216	2,547	91	563	1,008	865	307	307
Iowa.....	1,818	1,605	1,355	1,852	1,738	1,388	99	955	-	334	464	464
Kans.....	3,715	3,355	3,384	3,725	3,365	3,398	105	625	1,449	1,219	327	327
Ky.....	1,135	806	944	1,183	975	1,002	119	405	-	478	181	181
La.....	834	710	768	458	456	392	62	300	-	30	66	66
Maine.....	714	601	636	779	610	693	16	24	475	178	86	256
Md.....	403	196	403	426	194	426	23	151	-	252	-	40
Mass.....	682	482	631	766	512	691	12	39	312	328	75	389
Mich.....	2,649	2,523	2,002	2,633	2,489	2,027	83	531	1,245	168	606	606
Minn.....	3,395	3,262	2,950	3,437	3,431	2,997	87	855	1,792	263	440	440
Miss.....	796	605	634	835	681	669	82	283	-	304	166	166
Mo.....	2,807	2,145	2,171	2,937	2,317	2,363	114	916	326	1,007	574	574
Mont.....	992	858	440	958	818	493	56	126	-	311	465	465
Nebr.....	3,561	3,265	2,187	3,485	3,248	2,290	93	534	471	1,192	1,195	1,195
Nev.....	184	102	167	182	117	165	16	17	-	132	17	17
N.H.....	499	461	341	506	478	347	10	13	221	103	159	168
N.J.....	1,456	1,238	929	1,517	1,254	968	21	335	232	380	549	615
N. Mex.....	309	243	220	313	285	225	32	93	-	100	88	88
N.Y.....	3,306	3,297	2,560	3,309	3,296	2,569	57	618	930	964	740	773
N.C.....	802	590	802	874	644	874	100	472	-	302	-	200
N. Dak.....	2,726	2,617	2,340	2,707	2,608	2,361	53	361	1,360	587	346	346
Ohio.....	3,259	3,098	2,619	3,285	3,116	2,654	88	935	1,319	312	631	632
Okla.....	1,683	1,287	1,026	1,675	1,284	1,050	77	587	-	406	625	625
Oreg.....	1,446	1,136	1,093	1,447	1,200	1,072	36	239	-	797	375	375
Pa.....	4,935	3,159	4,407	5,246	3,282	4,665	66	1,015	1,549	2,035	581	581
R.I.....	115	90	112	120	90	117	-	8	31	78	3	40
S.C.....	583	477	490	585	507	492	46	284	-	182	93	93
S. Dak.....	1,770	1,667	1,542	1,727	1,632	1,533	64	311	1,010	148	194	194
Tenn.....	881	432	867	905	447	891	94	326	-	471	14	147
Tex.....	3,624	3,005	2,450	3,883	3,248	2,745	254	1,066	-	1,425	1,138	1,138
Utah.....	459	389	419	492	422	452	29	216	-	207	40	40
Vt.....	658	632	386	647	623	375	14	57	237	67	272	272
Va.....	385	328	385	389	324	389	95	229	-	65	-	136
Wash.....	1,682	1,380	1,366	1,666	1,453	1,364	39	285	-	1,080	302	302
W. Va.....	508	337	453	595	338	540	55	227	-	258	55	55
Wis.....	2,448	2,331	2,031	2,518	2,379	2,108	72	576	1,270	190	410	452
Wyo.....	383	268	313	385	285	330	23	90	-	217	55	55

- Represents zero. ¹Excluding areas corresponding to counties but having no organized county government. ²Includes 1,374 other local public school systems operated as part of a State, county, municipal, or township government and excluded from independent school-district figure and from "All types of local governments."

Source: U.S. Bureau of the Census, *Census of Governments: 1972 and 1977*, vol. 1, No. 1, *Governmental Organization*.

**NO. 496. COUNTY, MUNICIPAL, AND TOWNSHIP GOVERNMENTS, 1977, AND THEIR ESTIMATED
POPULATION, 1975, BY POPULATION-SIZE GROUPS**

[Number of governments as of **January 1977**; population estimates as of **July 1, 1975**. Township governments include "towns" in the 6 New England States, New York, and Wisconsin]

POPULATION-SIZE GROUP	COUNTIES			MUNICIPALITIES			TOWNSHIPS		
	Number, 1977	Population, 1975		Number, 1977	Population, 1975		Number, 1977	Population, 1975	
		Number (1,000)	Per- cent		Number (1,000)	Per- cent		Number (1,000)	Per- cent
Total.....	3,042	189,691	100.0	18,862	136,761	100.0	16,822	48,344	100.0
250,000 or more.....	137	92,392	48.7	58	41,638	30.4	31	5,740	11.9
100,000-249,999.....	206	32,085	16.9	105	14,896	10.9	72	4,799	9.9
50,000-99,999.....	336	23,503	12.4	230	16,091	11.8	190	6,479	13.4
25,000-49,999.....	596	20,976	11.0	514	17,939	13.1			
10,000-24,999.....	980	16,079	8.5	1,212	19,002	13.9	660	10,185	21.1
5,000-9,999.....	496	3,758	2.0	1,461	10,299	7.5	870	6,081	12.6
2,500-4,999.....				2,004	7,040	5.1	1,595	5,505	11.4
1,000-2,499.....				3,664	5,872	4.3	3,657	5,808	12.0
Less than 1,000.....	291	897	.4	9,614	3,985	2.9	9,747	3,747	7.8

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 1, No. 1, *Governmental Organization*.

**NO. 497. COUNTY GOVERNMENTS—SUMMARY OF FINANCES, 1975 TO 1980, AND PER CAPITA, BY
POPULATION-SIZE GROUP, 1980**

[Per capita based on population as of **April 1, 1980**. Covers fiscal years ending between **July 1** of preceding year and **June 30** of year stated]

ITEM	ALL COUNTIES (mil. dol.)					PER CAPITA (dollars), 1980					
	1975	1977	1978	1979	1980	All counties		Counties with 1980 population (in 1,000) of—			
						Total (3,044)	Per- cent dis- tribu- tion	Less than 100 (2,670) ¹	100- 199.9 (182) ¹	200- 299.9 (72) ¹	300 or more (120) ¹
General revenue.....	32,893	41,441	46,048	50,197	54,573	267.88	100.0	244.73	232.80	241.36	299.52
Intergovernmental revenue ²	14,755	18,787	20,879	23,891	24,746	121.47	45.3	106.31	106.08	115.24	137.97
From State govt.....	11,842	14,315	15,388	18,097	18,969	93.11	34.8	83.11	75.08	86.98	106.53
From Federal govt.....	2,385	3,741	4,825	4,941	4,948	24.29	9.1	19.63	27.61	24.92	26.68
Gen. revenue sharing.....	1,595	1,671	1,721	1,735	1,746	8.57	3.2	10.05	7.33	7.14	8.10
Tax revenue.....	12,860	15,865	17,435	18,958	18,813	92.35	34.5	78.09	80.58	72.37	109.86
Property.....	10,316	12,888	14,017	13,067	14,300	70.19	26.2	60.62	61.02	57.26	82.21
Charges and misc.....	5,478	6,789	7,735	9,348	11,014	54.06	20.2	60.34	46.13	53.75	51.69
General expenditure.....	32,744	41,282	44,762	49,160	54,297	266.52	100.0	247.65	231.42	237.46	295.54
Capital outlay.....	4,850	5,063	5,078	5,818	6,505	31.93	12.0	31.94	29.18	25.59	33.90
Other.....	27,894	36,219	39,684	43,342	47,792	234.59	88.0	215.69	202.24	211.92	261.54
Public welfare.....	6,169	7,842	8,212	8,009	8,591	42.17	15.8	22.82	31.64	46.39	58.39
Education.....	5,643	6,634	6,963	7,568	8,412	41.29	15.5	54.71	44.83	24.98	33.66
Highways.....	3,458	3,849	4,035	4,671	5,227	25.66	9.6	41.62	23.56	17.67	16.08
Hospitals.....	3,337	4,346	4,754	5,221	5,975	29.33	11.0	32.41	16.51	22.25	31.93
General control.....	1,986	2,560	2,895	3,121	3,374	16.56	6.2	13.88	14.73	16.73	18.99
Police protection.....	1,450	1,916	2,150	2,396	2,661	13.06	4.9	11.32	12.04	10.93	15.03
Financial administration.....	883	1,092	1,235	1,343	1,521	7.47	2.8	7.91	6.81	6.97	7.41
General public buildings.....	824	933	970	1,059	1,072	5.26	2.0	5.53	5.78	5.13	4.95
Health.....	1,428	1,957	2,227	2,506	2,806	13.77	5.2	9.96	12.99	16.11	16.33
Correction.....	980	1,244	1,433	1,548	1,759	8.63	3.2	4.08	6.61	9.14	12.42
Natural resources.....	510	558	574	594	687	3.37	1.3	2.89	2.18	1.95	4.33
Parks and recreation.....	741	887	941	984	1,094	5.37	2.0	2.39	3.68	3.74	8.33
Interest on general debt.....	795	992	1,122	1,275	1,542	7.57	2.8	7.85	5.98	7.36	7.83
Other and unallocable.....	4,541	6,479	7,251	8,867	9,576	47.00	17.6	30.31	44.07	48.06	59.84
Debt outstanding, end											
of year.....	18,935	22,590	24,938	27,952	32,993	161.95	100.0	153.71	150.08	151.59	173.23
Long-term.....	17,617	21,367	23,878	26,864	31,543	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Short-term.....	1,318	1,223	1,063	1,088	1,450	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. ¹ Figures in parentheses represent number of counties in each size group.

² Includes other intergovernmental revenue not shown separately.

Source: U.S. Bureau of the Census, *County Government Finances*, series GF, No. 8, annual.

NO. 498. GROSS ASSESSED VALUE OF PROPERTY AND GOVERNMENT REVENUE FROM PROPERTY TAXES: 1966 TO 1979

[In billions of dollars, except percent. Minus sign (—) denotes decrease]

ITEM	1966	1971	1973	1975	1976	1978	1979
Gross assessed value of property	499.0	717.8	872.6	1,096.3	1,229.1	1,509.7	¹1,678.8
State assessed.....	41.6	53.5	59.4	74.8	84.8	108.4	113.5
Locally assessed.....	457.4	664.2	813.2	1,021.5	1,144.3	1,401.3	1,565.3
Real property.....	393.2	573.9	704.6	881.6	992.5	1,212.6	1,358.5
Percent of locally assessed.....	86.0	86.4	86.6	86.3	86.4	86.4	86.8
Net assessed value of locally taxable property ²	484.1	694.6	845.0	1,062.9	1,189.4	1,443.2	1,607.3
Percent of gross assessed.....	97.0	96.8	96.8	97.0	96.8	95.6	95.7
REVENUE FROM PROPERTY TAXES							
Total revenue, State and local	24.7	37.9	45.3	51.5	57.0	66.4	64.9
Percent of general revenue.....	29.7	26.1	23.8	22.6	22.3	21.0	18.9
Percent of tax revenue.....	43.6	39.9	37.4	36.4	36.3	34.3	31.6
Revenue, State governments.....	.8	1.1	1.3	1.5	2.1	2.4	2.5
Percent of all revenue.....	1.5	1.1	1.0	.9	1.1	1.1	1.0
Percent of tax revenue.....	2.8	2.2	1.9	1.8	2.4	2.1	2.0
Revenue, local governments.....	23.8	36.7	44.0	50.0	54.9	64.1	62.5
Annual average percent change from prior year shown.....	³ 9.3	9.0	7.6	6.6	9.7	8.1	—2.6
Percent of all revenue.....	40.2	36.4	34.1	32.2	30.8	29.9	26.6
Percent of tax revenue.....	87.1	84.6	82.9	81.6	81.2	80.0	77.5

¹Includes 1978 value data for 13 States. See footnote 6, table 499. ²Value subject to local general property taxation, including State-assessed property, after deduction of partial exemptions. ³Change from 1965.

Source: U.S. Bureau of the Census, *Census of Governments: 1967 and 1977*, vol. 2, *Property Values Subject to Local General Property Taxation in the United States: 1973, 1975, 1978, and 1979*, series GSS Nos. 80, 92, and 98; and *Governmental Finances*, series GF, No. 5, annual.

NO. 499. GROSS ASSESSED VALUE OF PROPERTY SUBJECT TO LOCAL GENERAL PROPERTY TAXATION AND REVENUE FROM PROPERTY TAX, 1979—STATES

[In billions of dollars, except percent. Excludes value of totally exempt property. U.S. figures excluding partially exempt property amounted to a net value of \$1,607 billion in 1979. Excluded from property tax base were: (1) Property owned by nonprofit and other qualifying groups or institutions (used for government, religion, nonprofit medical care, and education); (2) new industrial plants exempt for stated periods of time as inducement to new industry; and (3) property exempted by specific legislative action]

STATE	GROSS VALUE OF PROPERTY		STATE AND LOCAL GOVERNMENT REVENUE FROM PROPERTY TAX			STATE	GROSS VALUE OF PROPERTY		STATE AND LOCAL GOVERNMENT REVENUE FROM PROPERTY TAX		
	Total as-sessed	Locally as-sessed	Total	Percent of—			Total as-sessed	Locally as-sessed	Total	Percent of—	
				General revenue	Tax revenue					General revenue	Tax revenue
U.S.....	1,678.8	1,565.3	64.9	18.9	31.6	Mo.....	17.3	15.2	1.0	16.9	28.3
Ala.....	8.5	6.9	.3	5.7	11.6	Mont. ^{3 4}	1.6	1.2	.3	24.6	45.3
Alaska ¹	18.6	11.0	.3	16.7	32.4	Nebr.....	11.8	11.6	.6	25.4	43.4
Ariz.....	7.2	4.9	.9	22.2	35.2	Nev.....	⁶ 6.6	⁶ 6.0	.2	19.0	31.5
Ark.....	4.6	3.7	.3	10.8	21.1	N.H.....	10.7	10.7	.4	34.2	60.0
Calif. ²	132.9	125.4	6.0	15.3	25.2	N.J.....	⁶ 97.1	⁶ 97.0	3.7	31.6	47.4
Colo.....	12.4	11.2	.9	19.7	33.6	N. Mex.....	5.5	3.0	.2	6.5	15.8
Conn.....	37.1	37.1	1.4	30.2	45.1	N.Y.....	⁶ 89.7	⁶ 85.0	8.5	22.7	35.2
Del.....	3.9	3.9	.1	8.9	16.0	N.C.....	⁶ 79.0	⁶ 71.1	.9	13.2	22.9
D.C.....	13.1	13.1	.2	10.6	24.2	N.Dak. ⁴	.8	.8	.2	16.1	33.9
Fla.....	158.2	157.7	2.2	18.6	32.0	Ohio.....	69.4	51.6	2.8	20.1	33.9
Ga.....	36.9	33.4	1.1	14.7	27.9	Okla.....	6.8	5.4	.4	11.0	19.8
Hawaii ³	15.1	15.1	.2	9.5	15.9	Oreg.....	64.1	59.7	.9	20.5	38.2
Idaho.....	2.9	2.5	.2	17.7	31.9	Pa.....	⁶ 27.6	⁶ 27.6	2.7	16.0	25.0
Ill. ^{4 5}	⁶ 67.2	⁶ 65.8	3.9	23.0	35.0	R.I.....	⁶ 8.1	⁶ 8.1	.4	24.3	41.0
Ind.....	⁶ 17.0	⁶ 15.3	1.3	20.0	33.0	S.C.....	⁶ 2.6	⁶ 2.1	.4	12.2	22.2
Iowa.....	58.6	53.8	1.0	23.2	37.9	S.Dak.....	4.4	4.2	.2	24.1	46.3
Kans.....	10.0	8.4	.8	24.6	40.7	Tenn.....	13.6	12.3	.7	12.8	23.4
Ky.....	47.6	43.0	.5	9.9	17.7	Tex.....	64.6	64.4	3.7	20.8	36.5
La.....	⁶ 8.1	⁶ 6.7	.4	6.8	12.6	Utah.....	5.2	4.2	.3	16.1	28.6
Maine.....	15.7	15.7	.3	21.6	37.9	Vt.....	6.2	6.2	.2	22.5	39.8
Md. ²	37.3	31.1	1.1	15.8	26.2	Va.....	85.5	79.5	1.1	16.2	27.3
Mass.....	43.9	43.2	3.1	29.8	46.4	Wash.....	78.7	75.0	1.2	17.5	31.1
Mich. ³	⁶ 72.5	⁶ 72.5	3.5	21.5	35.8	W. Va.....	⁶ 12.4	⁶ 10.4	.2	9.5	16.9
Minn. ⁴	⁶ 15.9	⁶ 15.8	1.3	18.2	28.4	Wis.....	56.0	51.1	1.6	20.6	33.9
Miss.....	⁶ 4.3	⁶ 3.4	.3	10.7	21.6	Wyo.....	3.8	1.2	.2	21.5	39.7

¹ Assessed values exclude \$4,326 million of property value in the unorganized territory. ² Decreased property tax collections due to legal limitations. ³ All assessment is performed by a State agency but assessed values are shown here as "locally assessed" for comparability with other States. ⁴ Two sets of values are locally recorded for taxable property. For comparability with data for other States, assessed values shown here pertain to final values against which tax rates are applied, rather than to preliminary "full and true," "true and full," and "market," or (in Illinois) local unadjusted values. ⁵ State-equalized values, which are the legal values for levy of authorized tax rates within State. ⁶ 1978 values.

Source: U.S. Bureau of the Census, *Property Values Subject to Local General Property Taxation in the United States: 1979*, series GSS No. 98 and *Governmental Finances in 1978-79*, series GF 79, No. 5.

No. 500. CITY GOVERNMENTS—SUMMARY OF FINANCES: 1960 TO 1980

[In millions of dollars, except percent. Represents all municipalities (see table 495) and their dependent agencies; excludes other local governments overlying city areas. See text, p. 274. Includes sample-based estimates for cities of less than 25,000 for 1960, and less than 50,000 beginning 1965; thus subject to sampling variation. See Appendix III]

ITEM	1960	1965	1970	1975	1978	1979	1980	PERCENT OF TOTAL	
								1970	1980
Revenue.....	14,915	20,318	32,704	59,744	80,125	86,864	94,862	100.0	100.0
General revenue.....	11,647	15,881	26,621	49,853	65,486	70,328	76,056	81.4	80.2
Intergovernmental revenue.....	2,321	3,534	7,906	19,648	25,833	27,598	28,270	24.2	29.8
From State governments only.....	1,868	2,745	6,173	13,053	14,482	15,472	15,939	18.9	18.8
Taxes.....	7,109	9,289	13,647	21,135	27,830	28,762	31,256	41.7	32.9
Property.....	5,197	6,537	9,127	13,046	16,293	16,063	16,859	27.9	17.8
Percent of total taxes.....	73.1	70.4	66.9	61.7	58.5	55.8	53.9	(X)	(X)
Sales and gross receipts.....	1,217	1,795	2,422	4,555	6,508	7,286	8,208	7.4	8.7
General.....	797	1,184	1,479	2,789	3,996	4,483	5,096	4.5	5.4
Selective.....	420	611	943	1,766	2,512	2,813	3,119	2.9	3.3
Licenses and other.....	695	957	2,098	3,534	5,029	5,403	6,189	6.4	6.5
Charges and miscellaneous.....	2,217	3,061	5,068	9,071	11,824	13,968	16,530	15.5	17.4
Current charges only.....	1,342	1,951	3,113	5,443	7,685	8,787	9,875	9.5	10.4
Utility and liquor store revenue.....	2,861	3,852	5,168	8,409	12,501	13,953	15,719	15.8	16.6
Water system.....	1,253	1,651	2,201	3,266	4,293	4,683	4,989	6.7	5.3
Electric power system.....	1,006	1,441	1,883	3,682	6,283	7,131	8,007	5.8	8.4
Gas supply system.....	162	215	292	448	741	900	1,032	.9	1.5
Transit system.....	370	453	671	821	970	1,015	1,047	2.1	1.1
Liquor stores.....	71	92	121	192	214	224	247	.4	.3
Insurance trust revenue.....	407	582	915	1,482	2,136	2,584	3,088	2.8	3.3
Expenditure.....	15,251	20,680	34,173	60,703	77,283	83,594	93,712	100.0	100.0
General expenditure ¹	11,818	16,012	27,682	48,935	60,964	65,597	72,445	81.0	77.3
Police protection.....	1,275	1,739	2,994	5,420	6,891	7,460	8,200	8.8	8.8
Fire protection.....	885	1,146	1,762	2,968	3,855	4,083	4,535	5.2	4.8
Highways.....	1,573	1,807	2,499	3,861	4,740	5,286	5,977	7.3	6.4
Sewerage and other sanitation.....	1,332	1,774	2,553	3,229	4,251	4,669	5,193	7.5	8.4
Public welfare.....	608	927	2,215	3,846	4,357	3,817	3,801	6.5	4.1
Education.....	1,801	2,489	4,548	7,164	7,973	8,409	9,284	13.3	9.9
Libraries.....	185	267	407	632	732	778	883	1.2	.9
Health and hospitals.....	799	1,115	1,944	3,641	3,618	3,933	4,457	5.7	4.8
Parks and recreation.....	551	775	1,306	2,274	2,798	3,150	3,433	3.8	3.7
Housing and urban renewal.....	464	686	1,154	1,752	2,084	2,580	3,459	3.4	3.7
Airports.....	199	182	435	615	772	922	1,100	1.3	1.2
Financial administration.....	598	291	457	819	1,399	1,682	1,843	1.3	2.0
General control.....	468	776	1,400	1,738	1,984	2,015	2,015	2.3	2.2
General public buildings.....	182	329	430	845	914	983	1,090	1.3	1.2
Interest on general debt.....	431	603	1,098	2,294	2,869	2,819	3,054	3.2	3.3
Other and unallocable.....	946	1,414	3,104	6,135	9,873	10,872	11,402	9.1	12.2
Utility and liquor store expenditure.....	2,975	4,044	5,489	9,896	13,912	15,329	18,274	16.1	19.5
Water system.....	1,424	1,820	2,337	3,776	4,921	5,247	5,933	6.8	6.3
Electric power system.....	859	1,291	1,811	3,779	6,402	7,154	8,596	5.3	9.2
Gas supply system.....	143	193	260	407	653	822	1,334	.8	1.4
Transit system.....	489	682	974	1,765	1,746	1,905	2,189	2.9	2.3
Liquor stores.....	60	78	107	169	190	201	222	.3	.2
Insurance trust expenditure.....	458	624	1,002	1,872	2,408	2,666	2,993	2.9	3.2
By character and object:									
Direct expenditure.....	15,093	20,425	33,792	59,989	75,353	81,822	91,693	98.9	97.8
Current operation.....	9,874	13,564	22,895	41,451	55,371	60,289	66,687	67.0	71.2
Capital outlay.....	3,691	4,750	7,103	12,054	12,145	13,472	16,285	20.8	17.4
Construction and equipment ²	3,256	4,197	6,371	11,216	9,944	11,079	13,341	18.6	14.2
Land and existing structures ²	436	553	733	839	2,201	2,393	2,944	2.1	3.1
Assistance payments.....	386	530	1,245	1,584	1,584	1,534	1,546	3.6	1.6
Interest on debt.....	684	957	1,547	3,018	3,846	3,861	4,182	4.5	4.5
Insurance benefits, repayments.....	458	624	1,002	1,872	2,408	2,666	2,993	2.9	3.2
Intergovernmental expenditure.....	158	255	381	714	1,930	1,772	2,019	1.1	2.2
Total personal services³.....	6,772	9,075	14,784	24,635	29,606	31,667	34,709	43.4	37.0
Debt outstanding, year end.....	23,178	31,862	43,773	65,239	78,167	78,075	86,019	100.0	100.0
Long-term.....	21,904	29,280	38,870	55,789	74,983	74,953	82,346	88.8	95.7
Full faith and credit.....	14,473	18,477	22,005	31,886	40,828	39,020	39,570	50.3	46.0
Nonguaranteed.....	7,430	10,803	16,863	23,903	34,155	35,933	42,776	38.5	49.7
Short-term.....	1,274	2,582	4,903	9,450	3,184	3,122	3,673	11.2	4.3
Net long-term debt outstanding.....	20,103	26,774	36,087	51,437	67,023	67,682	72,528	82.4	84.3
Long-term debt issued.....	2,420	3,347	3,810	5,754	11,302	10,257	12,582	(X)	(X)
Long-term debt retired.....	1,318	1,776	2,310	3,656	4,865	10,858	5,541	(X)	(X)

X Not applicable. ¹Includes intergovernmental expenditure. ²Beginning 1978, equipment included with land and existing structures. ³Included in items shown above.

Source: U.S. Bureau of the Census, *City Government Finances*, series GF No. 4, annual.

NO. 501. CITY GOVERNMENTS—FINANCES, BY POPULATION-SIZE GROUPS: 1980

ITEM	All cities	CITIES HAVING A 1980 population of—						
		Less than 50,000	50,000 to 99,999	100,000 to 199,999	200,000 to 299,999	300,000 to 499,999	500,000 to 999,999	1,000,000 or more
Number of cities, 1980.....	18,983	18,565	249	97	23	26	17	6
Population, 1980 (mil.).....	141.0	66.1	17.2	13.0	5.5	10.0	11.6	17.5
FINANCES (mil. dol.)								
General revenue ¹	76,056	20,474	7,541	6,956	3,118	6,468	9,425	22,072
Intergovernmental ¹	28,270	6,315	2,474	2,610	1,186	2,489	4,041	9,155
From State governments.....	15,939	3,418	1,448	1,389	545	1,025	1,638	6,476
From Federal government.....	10,872	2,291	916	1,036	557	1,309	2,231	2,532
Revenue sharing.....	2,460	887	265	217	112	206	250	523
Taxes ¹	31,256	8,237	3,293	2,783	1,235	2,443	3,650	9,615
Property.....	16,859	4,887	2,197	1,861	591	1,078	1,890	4,355
Percent of total taxes.....	53.9	59.3	66.7	66.9	47.9	44.1	51.8	45.3
Sales and gross receipts.....	8,208	2,184	770	680	370	870	913	2,421
Current charges.....	9,875	3,415	1,053	976	412	854	1,078	2,087
Water supply and other utility.....	15,472	6,765	1,363	1,597	477	953	1,647	2,670
General expenditure ¹	72,445	20,296	7,524	6,886	3,328	6,150	8,962	19,299
Education.....	9,284	1,487	1,034	1,216	463	500	1,189	3,395
Highways.....	5,977	2,832	734	575	248	416	530	642
Public welfare.....	3,801	94	45	98	64	101	515	2,884
Health and hospitals.....	4,457	1,067	402	334	110	326	657	1,561
Police and fire protection.....	12,735	4,106	1,513	1,298	565	1,132	1,454	2,667
Sewerage and sanitation.....	7,913	3,091	832	681	342	701	986	1,270
Housing and urban renewal.....	3,459	521	388	320	199	393	496	1,142
Interest on general debt.....	3,054	909	282	275	165	297	391	735
Water supply and other utility.....	18,052	7,470	1,517	1,783	608	1,263	1,935	3,476
Gross debt outstanding.....	86,019	29,027	8,152	7,916	4,396	8,231	9,623	18,674
Long-term.....	82,346	27,888	7,755	7,627	4,139	8,062	8,923	17,952
Short-term.....	3,673	1,141	397	289	256	169	700	721
PERCENT DISTRIBUTION								
General revenue ¹	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Intergovernmental.....	37.2	30.8	32.8	37.5	38.0	38.5	42.9	41.5
Taxes ¹	41.1	40.2	43.7	40.0	39.6	37.8	38.7	43.6
Property.....	22.2	23.9	29.1	26.7	19.0	16.7	20.1	19.7
Sales and gross receipts.....	10.8	10.7	10.2	9.8	11.9	13.5	9.7	11.0
Current charges.....	21.7	16.7	14.0	14.0	13.2	13.2	11.4	9.5
General expenditure ¹	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Education.....	12.8	7.3	13.7	17.7	13.9	8.1	13.3	17.6
Highways.....	8.3	13.4	9.8	8.4	7.5	6.8	5.9	3.3
Public welfare.....	5.2	.5	.6	1.4	1.9	1.6	5.7	14.9
Health and hospitals.....	6.2	5.3	5.3	4.9	3.3	5.3	7.4	8.1
Police and fire protection.....	17.6	20.2	20.1	18.8	17.0	18.4	16.2	13.8
Sewerage and sanitation.....	10.9	15.2	11.1	9.9	7.3	11.4	11.1	6.6
Housing and urban renewal.....	4.8	2.6	5.2	4.6	6.0	6.4	5.5	5.9
Interest on general debt.....	4.2	4.5	3.7	3.4	5.0	4.8	4.4	3.8
PER CAPITA ² (dollars)								
General revenue ¹	540	310	437	534	570	650	811	1,259
Intergovernmental ¹	201	96	144	200	217	250	348	522
From State governments.....	113	52	84	107	100	103	141	369
From Federal government.....	77	35	53	79	102	131	192	144
Revenue sharing.....	17	13	15	17	20	21	22	30
Taxes ¹	222	125	191	213	226	245	314	549
Property.....	120	74	127	143	108	108	163	248
Sales and gross receipts.....	58	33	45	52	68	87	79	138
Current charges.....	70	52	61	75	75	86	93	119
Water supply and other utility.....	110	99	79	123	187	96	142	152
General expenditure ¹	514	307	436	528	608	618	772	1,101
Education.....	66	23	60	93	85	50	102	194
Highways.....	42	43	43	44	45	42	46	37
Public welfare.....	27	1	3	8	12	10	44	164
Health and hospitals.....	32	16	23	26	20	33	58	89
Police and fire protection.....	90	62	88	100	103	114	125	152
Sewerage and sanitation.....	56	47	48	52	62	71	86	72
Housing and urban renewal.....	25	8	23	25	36	39	43	65
Interest on general debt.....	22	14	16	21	30	30	34	42
Water supply and other utility.....	128	113	88	137	111	127	167	199
Gross debt outstanding.....	610	439	473	607	803	827	828	1,065
Long-term.....	584	422	450	585	756	810	768	1,024
Short-term.....	26	17	23	22	47	17	60	41

¹Includes items not shown separately.²Based on population as of April 1, 1980.Source: U.S. Bureau of the Census, *City Government Finances in 1979-80*, series GF80, No. 4.

No. 502. CITY GOVERNMENTS—FINANCES,

[In millions of dollars. For fiscal year closed

CITIES RANKED BY POPULATION SIZE, 1980	REVENUE								Gross debt out- stand- ing
	Total ¹	General revenue						Utility revenue	
		Total ¹	Intergovernmental revenue		Taxes				
			From State and local govts.	From Federal Government	Total ¹	Property	Sales and gross receipts		
New York, N.Y. ²	17,797	15,642	5,623.5	1,266.5	6,706.9	3,228.0	1,612.0	979.4	10,645
Chicago, Ill.	1,934	1,659	226.4	491.6	736.2	315.3	330.3	110.8	1,070
Los Angeles, Calif.	2,689	1,491	140.7	266.0	674.3	239.1	295.5	1,023.2	2,811
Philadelphia, Pa. ²	1,941	1,471	486.0	172.6	783.7	193.5	3.5	373.4	1,835
Houston, Tex.	760	637	12.6	75.9	352.5	203.0	142.2	89.6	1,416
Detroit, Mich.	1,384	1,171	324.5	259.5	360.9	176.5	37.4	93.5	897
Dallas, Tex.	475	376	7.8	58.9	215.9	122.7	87.8	63.4	582
San Diego, Calif.	419	343	54.5	64.4	116.9	38.3	70.0	51.7	117
Phoenix, Ariz.	412	361	80.0	85.4	120.8	39.1	75.8	38.5	495
Baltimore, Md. ²	1,168	1,088	434.5	208.5	333.5	212.2	32.3	30.7	615
San Antonio, Tex.	612	241	7.8	83.1	77.6	43.1	32.0	365.8	989
Honolulu, Hawaii ²	378	332	13.8	93.3	180.7	145.0	19.3	45.8	236
Indianapolis, Ind. ²	420	410	91.6	107.9	125.9	120.3	2.6	6.2	327
San Francisco, Calif. ²	1,336	1,118	272.1	232.8	345.2	176.3	96.5	111.2	705
Memphis, Tenn.	958	487	226.7	77.9	102.1	72.8	17.1	438.6	603
Washington, D.C. ²	1,961	1,868	30.5	762.6	940.9	219.4	326.0	17.5	1,661
San Jose, Calif.	260	240	36.5	18.9	106.0	27.8	50.8	1.9	175
Milwaukee, Wis.	405	340	133.2	33.9	90.2	86.3	1.2	21.6	311
Cleveland, Ohio	434	355	34.9	80.0	139.4	43.9	1.4	79.7	433
Columbus, Ohio	291	254	26.2	50.9	92.8	10.3	1.2	36.5	650
Boston, Mass. ²	995	929	259.2	111.6	439.9	434.8	-	32.0	594
New Orleans, La. ²	422	392	37.6	119.1	139.1	42.2	114.8	19.5	456
Jacksonville, Fla. ²	587	290	62.9	42.1	82.8	56.0	22.1	286.0	675
Seattle, Wash.	465	329	65.7	54.1	122.2	41.7	53.3	115.3	517
Denver, Colo. ²	525	473	69.5	60.9	185.6	63.9	101.0	39.7	391
Nashville-Davidson, Tenn. ²	681	415	82.1	63.0	174.1	105.1	54.8	254.2	637
St. Louis, Mo. ²	450	241	45.5	106.8	196.2	34.2	84.7	12.0	157
Kansas City, Mo.	353	313	14.1	66.1	166.1	26.2	70.6	20.8	277
El Paso, Tex.	151	128	3.1	47.9	44.0	24.8	17.5	16.5	54
Atlanta, Ga.	391	333	49.0	54.2	106.7	63.2	31.3	34.5	1,001
Pittsburgh, Pa.	259	237	31.7	62.0	115.8	65.8	8.9	14.3	191
Oklahoma City, Okla.	245	218	4.0	67.9	88.0	24.3	61.7	16.3	385
Cincinnati, Ohio	358	311	56.8	69.5	121.4	26.7	1.4	24.4	184
Fort Worth, Tex.	182	153	3.3	29.6	65.6	38.1	24.9	17.6	216
Minneapolis, Minn.	281	241	67.0	50.8	75.2	62.3	7.6	13.2	438
Portland, Oreg.	211	192	15.0	44.7	79.6	57.1	10.6	17.4	283
Long Beach, Calif.	346	264	10.0	64.7	61.3	19.2	33.0	82.2	107
Tulsa, Okla.	207	181	4.4	33.0	64.9	9.8	53.1	17.8	413
Buffalo, N.Y.	436	425	196.2	86.0	98.9	88.1	8.7	11.3	256
Toledo, Ohio	173	161	14.6	49.3	61.1	8.7	4	12.1	162
Miami, Fla.	183	167	30.3	25.2	84.7	55.7	24.2	-	149
Baton Rouge, La. ²	183	167	15.7	44.4	74.3	19.1	50.1	1.8	421
Austin, Tex.	324	152	29.7	24.0	54.5	33.0	19.6	159.4	865
Oakland, Calif.	223	211	16.9	49.0	73.5	25.4	32.2	-	247
Albuquerque, N. Mex.	174	157	40.8	33.3	40.4	23.1	12.5	17.2	269
Tucson, Ariz.	173	141	31.2	29.1	60.3	9.2	48.6	28.4	144
Newark, N.J.	407	391	240.3	25.5	105.4	69.4	27.6	14.7	140
Charlotte, N.C.	171	156	29.4	40.2	55.6	52.1	-	12.2	200
Omaha, Nebr.	146	140	19.7	28.1	67.9	31.7	32.1	-	129
Louisville, Ky.	210	174	13.3	64.3	70.5	21.1	3.6	26.5	243
Birmingham, Ala.	151	139	9.2	22.0	70.4	14.8	21.6	-	315
Wichita, Kans.	173	150	12.9	32.8	41.6	33.1	6.7	15.5	554
Sacramento, Calif.	148	130	15.4	17.6	53.7	17.4	27.4	7.7	85
Tampa, Fla.	173	141	17.4	35.3	50.8	23.8	23.3	17.6	141
St. Paul, Minn.	177	164	39.0	36.9	45.0	29.9	12.8	11.4	507
Norfolk, Va. ²	239	218	68.5	32.2	94.6	46.1	37.5	15.5	171
Virginia Beach, Va. ²	195	186	60.7	16.1	79.7	45.2	25.2	8.6	184
Rochester, N.Y.	299	285	110.0	50.0	93.7	87.8	4.8	13.5	229
Akron, Ohio	134	122	10.8	37.3	46.0	10.4	1	12.2	113
St. Petersburg, Fla.	103	88	12.5	18.2	29.2	14.4	12.8	10.4	135
Corpus Christi, Tex.	104	73	.9	23.7	31.1	18.6	11.8	30.6	82
Jersey City, N.J.	236	226	96.0	6.8	78.3	57.9	19.7	9.0	125
Anaheim, Calif.	149	78	10.7	8.6	30.0	8.2	19.5	71.4	126
Richmond, Va. ²	317	249	66.6	29.9	121.9	70.4	33.8	62.4	313

- Represents zero or rounds to zero.
consolidated government.¹Includes categories not shown separately.²Represents, in effect, city-county

LARGEST CITIES: 1980

in the 12 months ending June 30, 1980]

Total ¹	EXPENDITURE								CITIES RANKED BY POPULATION SIZE, 1980
	General expenditure								
	Total ¹	Education	High-ways	Public welfare	Health and hospitals	Police protection	Fire protection	Housing and urban renewal	
15,872	13,171	3,279.3	265.4	989.0	1,239.3	755.0	363.1	853.3	New York, N.Y. ²
1,778	1,570	33.1	146.9	12.4	93.4	374.3	111.4	91.0	Chicago, Ill.
2,668	1,211	27.6	71.0	-	7.6	257.4	120.5	53.1	Los Angeles, Calif.
2,066	1,615	39.1	57.7	83.8	92.3	210.0	69.6	56.6	Philadelphia, Pa. ²
741	626	-	47.2	-	23.7	97.7	70.2	2.9	Houston, Tex.
1,391	1,106	15.8	53.4	.2	104.5	185.6	52.0	85.0	Detroit, Mich.
460	369	.2	30.7	-	5.7	54.5	33.9	11.9	Dallas, Tex.
377	294	7.1	21.0	-	3.2	45.1	23.9	31.4	San Diego, Calif.
451	384	5.5	47.7	1.1	.6	63.8	26.8	20.8	Phoenix, Ariz.
1,118	1,035	315.3	71.9	4.9	82.8	80.4	40.0	41.5	Baltimore, Md. ²
741	248	3.5	13.4	1.5	14.2	31.9	16.1	28.9	San Antonio, Tex.
359	279	-	23.4	-	4.9	41.4	19.3	14.9	Honolulu, Hawaii ²
442	417	5.7	35.7	40.8	70.1	35.7	17.3	6.8	Indianapolis, Ind. ²
1,123	840	18.7	12.6	122.2	118.6	67.2	43.9	22.8	San Francisco, Calif. ²
929	468	190.6	20.2	.8	9.1	41.4	33.8	16.8	Memphis, Tenn.
2,110	1,976	383.4	75.2	332.3	178.1	161.6	64.7	109.1	Washington, D.C. ²
210	199	-	33.5	-	1.1	30.1	17.3	3.9	San Jose, Calif.
357	313	.3	41.7	-	10.0	53.5	27.7	41.4	Milwaukee, Wis.
419	349	-	15.3	1.8	8.6	64.3	30.5	8.1	Cleveland, Ohio
330	271	-	24.2	-	8.1	38.0	23.2	21.6	Columbus, Ohio
945	863	258.6	26.7	3.6	87.0	75.9	53.8	46.4	Boston, Mass. ²
417	380	.4	20.3	3.3	7.8	34.6	18.5	28.4	New Orleans, La. ²
567	276	-	16.8	2.9	46.9	27.9	15.9	18.1	Jacksonville, Fla. ²
427	276	3.2	19.2	-	14.0	31.6	27.6	35.9	Seattle, Wash.
476	400	-	18.7	59.6	66.2	42.5	22.4	6.8	Denver, Colo. ²
639	355	135.3	16.3	4.6	31.5	23.9	15.0	1.6	Nashville-Davidson, Tenn. ²
428	392	3.8	20.8	3.5	69.9	56.1	17.1	28.5	St. Louis, Mo.
323	295	16.0	28.1	.6	20.3	43.7	23.2	15.4	Kansas City, Mo. ²
152	121	-	8.4	-	3.4	17.2	9.8	3.4	El Paso, Tex.
456	414	4.3	13.3	2.7	.3	28.3	14.4	16.8	Atlanta, Ga.
281	256	-	13.3	-	1.4	31.2	20.6	67.5	Pittsburgh, Pa.
247	209	.3	22.2	-	.1	19.8	14.8	7.4	Oklahoma City, Okla.
340	296	-	23.3	-	20.5	34.8	25.8	27.7	Cincinnati, Ohio
169	133	-	20.7	-	2.8	18.7	13.3	5.2	Fort Worth, Tex.
278	234	-	26.3	-	5.9	23.7	15.0	37.7	Minneapolis, Minn.
233	187	-	14.3	-	1.2	28.5	20.0	9.5	Portland, Oreg.
337	246	2.9	14.8	-	3.5	34.6	23.0	23.8	Long Beach, Calif.
201	172	.3	14.7	-	3.3	13.6	12.8	6.4	Tulsa, Okla.
415	407	156.5	10.2	.1	1.0	25.9	20.7	14.7	Buffalo, N.Y.
163	151	-	15.8	-	6.2	21.0	17.8	11.1	Toledo, Ohio
155	141	-	11.2	.2	.4	23.4	21.2	9.2	Miami, Fla.
173	164	-	13.5	.1	22.3	18.9	8.8	1.5	Baton Rouge, La. ²
462	158	.2	11.0	.3	42.2	14.8	10.5	5.9	Austin, Tex.
236	214	1.2	10.8	-	-	25.3	21.0	22.1	Oakland, Calif.
203	147	-	15.0	-	3.3	19.4	12.7	6.2	Albuquerque, N. Mex.
164	117	-	11.1	-	-	18.6	11.5	5.7	Tucson, Ariz.
401	383	175.6	4.1	29.0	3.7	35.0	25.9	.8	Newark, N.J.
176	155	-	15.8	.1	.1	15.6	11.9	10.7	Charlotte, N.C.
142	138	.3	23.6	.1	2.1	16.4	12.6	5.5	Omaha, Neb.
198	158	-	7.1	-	5.3	24.4	12.3	30.8	Louisville, Ky.
153	147	3.6	16.2	-	.5	17.4	14.6	6.8	Birmingham, Ala.
313	282	-	17.8	-	3.6	8.9	7.0	2.3	Wichita, Kans.
145	130	-	5.9	-	.1	24.0	16.7	11.6	Sacramento, Calif.
175	149	-	9.4	-	.2	21.0	15.8	1.7	Tampa, Fla.
218	201	-	14.5	.7	3.9	15.9	11.6	26.6	St. Paul, Minn.
245	229	73.9	8.6	16.0	11.5	17.2	10.5	20.7	Norfolk, Va. ²
217	199	81.8	15.3	5.3	3.3	10.5	4.8	.6	Virginia Beach, Va. ²
323	309	136.1	23.2	-	-	19.5	16.4	21.5	Rochester, N.Y.
137	124	-	10.4	-	2.4	13.6	8.8	22.7	Akron, Ohio
119	87	-	13.6	.3	-	15.5	6.1	4.1	St. Petersburg, Fla.
94	64	-	7.2	.1	2.6	7.8	5.3	.2	Corpus Christi, Tex.
255	242	86.5	4.4	2.2	50.2	19.8	16.8	2.8	Jersey City, N.J.
164	87	-	6.6	-	-	13.3	8.0	1.6	Anaheim, Calif.
348	274	81.1	16.5	35.6	6.3	12.4	9.5	11.2	Richmond, Va. ²

Source: U.S. Bureau of the Census, *City Government Finances in 1979-80*, series GF80, No. 4.

**NO. 503. CITY GOVERNMENTS—PER CAPITA AMOUNTS FOR SELECTED FINANCIAL ITEMS FOR
LARGEST CITIES: 1970 TO 1980**

[Cities ranked by size of population enumerated as of April 1, 1980, except Honolulu ranked by county population. General expenditure, taxes, and indebtedness data reflect inclusion of fiscal activity of dependent school systems where applicable. Intercity comparisons should be made with caution due to variations in responsibilities among urban areas; for details, see text, p. 274, and source, 1970 and 1980 data based on resident population enumerated as of April 1, 1975 data based on resident population estimated as of July 1, 1976]

CITIES RANKED BY POPULATION SIZE, 1980	Popula- tion, 1980 (1,000)	GENERAL EXPENDITURE			TAXES			GROSS DEBT OUTSTANDING		
		1970	1975	1980	1970	1975	1980	1970	1975	1980
New York, N.Y. ¹	7,071	\$838	\$1,522	\$1,863	\$383	\$635	\$949	\$1,101	\$1,935	\$1,505
Chicago, Ill.	3,005	205	310	522	113	188	245	326	411	356
Los Angeles, Calif.	2,967	169	306	406	110	175	227	483	637	847
Philadelphia, Pa. ¹	1,688	299	499	957	183	242	464	556	701	1,087
Houston, Tex.	1,594	112	224	392	62	137	221	365	495	888
Detroit, Mich.	1,203	234	449	919	148	208	300	438	550	745
Dallas, Tex.	904	159	301	408	106	176	239	348	587	644
San Diego, Calif.	876	137	233	336	63	100	134	176	188	133
Phoenix, Ariz.	790	130	312	502	72	106	158	295	497	647
Baltimore Md. ¹	787	69	1,045	1,316	222	303	424	649	644	782
San Antonio, Tex.	785	88	167	316	50	67	99	290	485	1,259
Honolulu, Hawaii ¹	763	204	322	366	134	178	237	367	304	309
Indianapolis, Ind. ¹	701	127	325	596	67	121	180	205	368	466
San Francisco, Calif. ¹	679	603	853	1,237	300	388	508	575	732	1,038
Memphis, Tenn.	646	294	483	724	75	110	158	588	829	933
Washington, D.C. ¹	638	1,011	1,960	3,099	517	741	1,476	621	1,571	2,605
San Jose, Calif.	637	156	229	312	66	105	167	235	269	275
Milwaukee, Wis.	636	219	289	493	93	116	142	344	364	489
Cleveland, Ohio	574	198	362	608	127	134	243	454	597	754
Columbus, Ohio	565	192	261	479	58	116	164	451	549	1,152
Boston, Mass. ¹	563	554	1,088	1,532	349	532	781	465	846	1,056
New Orleans, La. ¹	557	182	344	680	102	145	250	387	456	818
Jacksonville, Fla. ¹	541	135	381	511	74	99	153	456	1,027	1,249
Seattle, Wash.	494	209	390	556	75	155	247	537	943	1,047
Denver, Colo. ¹	491	306	581	814	136	230	378	532	720	795
Nashville-Davidson, Tenn. ¹	456	360	606	779	171	290	382	718	940	1,398
St. Louis, Mo. ¹	453	225	382	865	162	251	433	254	304	347
Kansas City, Mo.	448	245	396	657	111	210	371	570	695	617
El Paso, Tex.	425	92	144	285	59	82	103	218	197	127
Atlanta, Ga.	425	236	422	950	92	162	251	538	1,237	2,356
Pittsburgh, Pa.	424	192	251	604	119	132	273	278	287	451
Oklahoma City, Okla.	403	232	364	518	122	164	218	251	438	954
Cincinnati, Ohio	385	502	856	767	114	208	315	606	647	309
Fort Worth, Tex.	385	123	212	346	72	116	170	296	492	560
Minneapolis, Minn.	371	178	407	630	92	144	203	183	424	1,180
Portland, Oreg.	366	196	292	509	95	124	217	162	120	772
Long Beach, Calif.	361	260	412	682	81	142	170	82	357	295
Tulsa, Okla.	361	125	309	476	54	118	180	453	784	1,143
Buffalo, N.Y.	358	267	726	1,137	143	224	276	519	711	715
Toledo, Ohio	355	171	291	425	77	104	172	193	305	456
Miami, Fla.	347	135	231	407	105	143	244	268	300	429
Baton Rouge, La. ¹	346	146	284	474	87	148	215	413	833	1,218
Austin, Tex.	345	169	324	457	61	97	158	661	899	2,504
Oakland, Calif.	339	232	364	631	122	164	217	251	438	728
Albuquerque, N. Mex.	332	181	287	444	85	64	122	399	371	811
Tucson, Ariz.	331	149	329	353	66	115	182	271	647	435
Newark, N.J.	329	451	854	1,164	281	314	320	317	422	426
Charlotte, N.C.	314	156	318	494	78	133	177	336	546	637
Omaha, Nebr.	312	116	359	444	65	119	218	145	310	412
Louisville, Ky.	298	331	429	528	95	139	236	667	932	815
Birmingham, Ala.	284	136	336	517	69	150	247	397	871	1,106
Wichita, Kans.	279	222	377	1,010	71	93	149	679	833	1,984
Sacramento, Calif.	276	208	272	472	101	132	195	379	401	310
Tampa, Fla.	272	139	313	549	91	114	187	341	438	518
St. Paul, Minn.	270	214	345	742	83	127	166	449	718	1,875
Norfolk, Va. ¹	267	411	672	857	40	252	354	537	739	641
Virginia Beach, Va. ¹	262	284	566	758	123	223	304	321	405	703
Rochester, N.Y.	242	531	688	1,278	169	292	388	425	964	947
Akron, Ohio	237	200	267	525	77	130	194	280	552	478
St. Petersburg, Fla.	237	120	224	366	86	85	123	235	233	570
Corpus Christi, Tex.	232	91	156	275	63	88	134	201	309	353
Jersey City, N.J.	224	339	602	1,082	182	270	350	325	505	557
Anaheim, Calif.	222	142	235	392	70	110	135	169	310	566
Richmond, Va. ¹	218	530	897	370	210	393	556	787	1,303	1,429

¹ Represents, in effect, city-county consolidated government.

Source: U.S. Bureau of the Census, *City Government Finances*, series GF No. 4, annual, and unpublished data.

NO. 504. ESTIMATED STATE AND LOCAL TAXES PAID BY A FAMILY OF FOUR IN SELECTED LARGE CITIES, BY INCOME LEVEL: 1979

[Preliminary. Data based on average family of four (wage earner, wife or husband, and two children) which owns its own home and lives in city where taxes apply. Comprises State and local sales, income, auto, and real estate taxes]

CITY	TOTAL TAX PAID BY INCOME LEVEL						PERCENT OF INCOME BY INCOME LEVEL					
	\$7,500	\$15,000	\$22,500	\$30,000	\$40,000	\$50,000	\$7,500	\$15,000	\$22,500	\$30,000	\$40,000	\$50,000
Atlanta.....	599	1,337	2,062	2,886	3,818	4,665	8.0	8.9	9.2	9.6	9.6	9.3
Baltimore.....	1,032	2,178	3,224	4,342	5,558	6,454	13.8	14.5	14.3	14.5	13.9	12.9
Boston.....	1,042	2,288	3,294	4,515	5,860	7,279	13.9	15.3	14.6	15.1	14.7	14.6
Chicago.....	721	1,318	1,871	2,409	3,094	3,531	9.6	8.8	8.3	8.0	7.7	7.1
Cleveland.....	718	1,355	2,012	2,726	3,527	4,142	9.6	9.0	8.9	9.1	8.8	8.3
Columbus, Ohio.....	487	934	1,436	1,969	2,611	3,130	6.5	6.2	6.4	6.5	6.5	6.3
Dallas.....	634	1,120	1,507	1,962	2,435	2,866	8.5	7.5	6.7	6.5	6.1	5.7
Denver.....	484	1,044	1,613	2,224	2,940	3,539	6.6	7.0	7.2	7.4	7.4	7.1
Detroit.....	646	1,489	2,332	3,147	4,210	5,095	8.6	9.9	10.4	10.5	10.5	10.2
Honolulu.....	292	1,062	1,852	2,608	3,672	4,616	3.9	7.1	8.2	8.7	9.2	9.2
Houston.....	606	1,067	1,439	1,861	2,312	2,697	8.1	7.1	6.4	6.2	5.8	5.4
Indianapolis.....	678	1,243	1,757	2,311	2,924	3,562	9.0	8.3	7.8	7.7	7.3	7.1
Jacksonville.....	389	660	914	1,163	1,460	1,593	5.2	4.4	4.1	3.9	3.6	3.2
Kansas City, Mo.....	513	1,063	1,602	2,179	2,888	3,523	6.8	7.1	7.1	7.3	7.2	7.1
Los Angeles.....	303	763	1,288	1,925	2,921	4,052	4.0	5.1	5.7	6.4	7.3	8.1
Memphis.....	644	1,068	1,431	1,797	2,207	2,428	8.6	7.1	6.4	6.0	5.5	4.9
Milwaukee.....	762	1,905	2,909	4,064	5,388	6,514	10.2	12.7	12.9	13.6	13.5	13.0
Nashville.....	436	688	912	1,106	1,377	1,505	5.8	4.6	4.0	3.7	3.4	3.0
New Orleans.....	214	573	920	1,269	1,726	2,034	2.8	3.8	4.1	4.2	4.3	4.1
New York City.....	782	1,806	2,953	4,371	6,285	7,954	10.4	12.0	13.1	14.6	15.7	15.9
Philadelphia.....	1,042	1,907	2,736	3,547	4,472	5,181	13.9	12.7	12.2	11.8	11.2	10.4
Phoenix.....	643	1,254	1,893	2,627	3,464	4,168	8.5	8.4	8.4	8.8	8.7	8.3
Pittsburgh.....	1,219	2,214	3,115	4,071	5,074	5,796	16.3	14.8	13.8	13.6	12.7	11.6
San Antonio.....	570	1,002	1,349	1,746	2,174	2,554	7.6	6.7	6.0	5.8	5.4	5.1
San Diego.....	349	843	1,397	2,068	3,092	4,241	4.6	5.6	6.2	6.9	7.7	8.5
San Francisco.....	373	894	1,470	2,165	3,210	4,373	5.0	6.0	6.5	7.2	8.0	8.8
San Jose.....	396	863	1,397	2,038	3,041	4,175	5.3	5.8	6.2	6.8	7.6	8.4
Seattle.....	510	865	1,172	1,487	1,872	2,197	6.8	5.8	5.2	5.0	4.7	4.4
St. Louis.....	764	1,517	2,222	2,999	3,866	4,583	10.2	10.1	9.9	10.0	9.7	9.2
Washington, D.C.....	545	1,355	2,233	3,195	4,473	5,435	7.3	9.0	9.9	10.7	11.2	10.9
30-city average.....	613	1,256	1,877	2,559	3,398	4,129	8.2	8.4	8.3	8.5	8.5	8.3

Source: Government of the District of Columbia, Department of Finance and Revenue, *Tax Burdens in Washington, D.C. Compared With Those in the Nation's Thirty Largest Cities, 1979*.

NO. 505. RESIDENTIAL PROPERTY TAX RATES IN SELECTED LARGE CITIES: 1979

CITY	EFFECTIVE TAX RATE PER \$100		Assessment level (percent)	Nominal rate per \$100	CITY	EFFECTIVE TAX RATE PER \$100		Assessment level (percent)	Nominal rate per \$100
	Rank	Rate				Rank	Rate		
Boston.....	1	4.60	18.2	25.29	Phoenix.....	16	1.66	12.8	13.00
Pittsburgh.....	2	4.11	44.5	9.24	Chicago.....	17	1.57	16.0	9.82
Detroit.....	3	3.84	50.0	7.68	Jacksonville.....	18	1.48	67.4	1.69
Indianapolis.....	4	3.35	33.3	10.06	Washington, D.C.....	19	1.36	96.6	1.38
Milwaukee.....	5	2.89	98.4	2.94	Columbus, Ohio.....	20	1.26	*35.0	4.12
Baltimore.....	6	2.88	46.8	6.15	San Francisco.....	21	1.24	25.0	4.97
Dallas.....	7	2.87	(¹)	4.88	San Jose.....	22	1.24	25.0	4.96
San Antonio.....	8	2.54	(²)	5.15	Seattle.....	23	1.17	71.2	1.65
Houston.....	9	2.40	(³)	4.64	Los Angeles.....	24	1.15	25.0	4.60
Atlanta.....	10	2.33	40.0	5.83	San Diego.....	25	1.08	24.6	4.41
Cleveland.....	11	2.14	*35.0	6.98	Kansas City, Mo.....	26	1.07	14.0	7.61
St. Louis.....	12	2.12	33.3	6.35	New Orleans.....	27	.94	10.0	9.36
Philadelphia.....	13	2.06	33.3	6.18	Nashville.....	28	.92	15.3	6.00
Memphis.....	14	1.94	25.0	7.74	Denver.....	29	.78	9.6	8.13
New York City.....	15	1.88	21.0	6.95	Honolulu.....	30	.78	51.0	1.52

¹ Assessment levels: city and school districts 75%; county, hospital, college districts, and state 35%. ² Assessment levels: city 45%; county, State, and college districts 26%; hospital district 42%; school districts 75%. ³ Assessment levels: city 53%; county, port, college district, and State 32%; hospital district 18.2%; school district 100%. * Effective rate=nominal rate times assessment level times 12.5% rollback.

Source: Government of the District of Columbia, Department of Finance and Revenue, *Tax Burdens in Washington, D.C. Compared With Those in the Nation's Thirty Largest Cities, 1979*.

No. 506. GOVERNMENTAL EMPLOYMENT AND PAYROLL: 1950 TO 1980

[For October, 1950 excludes Alaska and Hawaii. Covers both full-time and part-time employees. See table 696 for related data.
See also *Historical Statistics, Colonial Times to 1970*, series Y 272-307]

LEVEL OF GOVERNMENT	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979	1980
EMPLOYEES (1,000)											
Total	6,402	7,432	8,808	10,589	13,028	14,973	15,012	15,613	15,628	15,971	16,222
Federal (civilian)	2,117	2,378	2,421	2,588	2,881	2,890	2,843	2,848	2,885	2,869	2,907
State and local	4,285	5,054	6,387	8,001	10,147	12,084	12,169	12,765	12,743	13,102	13,315
Percent of total	66.9	68.0	72.5	75.6	77.9	80.7	81.1	81.8	81.5	82.0	82.1
State	1,057	1,250	1,527	2,028	2,755	3,271	3,343	3,491	3,539	3,699	3,753
Local	3,228	3,804	4,860	5,973	7,392	8,813	8,826	9,274	9,204	9,403	9,562
PAYROLL, OCTOBER (mil. dol.)											
Total	1,528	2,265	3,333	4,884	8,334	13,224	13,924	15,338	16,483	18,077	19,946
Federal (civilian)	613	846	1,118	1,484	2,428	3,584	3,565	3,918	4,344	4,728	5,216
State and local	915	1,419	2,215	3,400	5,906	9,640	10,359	11,420	12,139	13,349	14,730
Percent of total	59.9	62.6	66.5	69.6	70.9	72.9	74.4	74.5	73.7	73.8	73.9
State	218	340	524	849	1,612	2,653	2,894	3,195	3,483	3,869	4,285
Local	696	1,078	1,691	2,551	4,294	6,987	7,465	8,225	8,656	9,480	10,445
AVERAGE ANNUAL PERCENT CHANGE¹											
Employees, total	- .5	3.0	3.5	3.8	4.2	2.4	.3	4.0	.1	2.2	1.6
Federal	-8.9	2.4	.4	1.3	2.2	.6	-1.6	.2	1.3	-.5	1.3
State and local	6.1	3.4	4.8	4.6	4.9	2.9	.7	4.9	-.2	2.8	1.6
Payroll, total	6.6	8.2	8.0	7.9	11.3	9.6	5.3	10.2	7.5	9.7	10.3
Federal	-.9	6.7	5.7	5.8	10.3	8.8	-.5	9.9	10.9	8.7	10.3
State and local	14.3	9.2	9.3	8.9	11.7	9.9	7.6	10.2	6.3	10.0	10.3

¹Represents average for period of interval shown; for 1950, change from 1945. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (-) denotes decrease.

No. 507. GOVERNMENTAL EMPLOYMENT AND PAYROLL, BY LEVEL OF GOVERNMENT AND BY FUNCTION: 1979 AND 1980

[For October. Covers both full-time and part-time employees]

FUNCTION	EMPLOYEES (1,000)					OCTOBER PAYROLL (mil. dol.)				
	Total	Federal (civilian) ¹	State and local			Total	Federal (civilian) ¹	State and local		
			Total	State	Local			Total	State	Local
1979, total	15,971	2,869	13,102	3,699	9,403	18,077	4,728	13,349	3,869	9,480
National defense ²	959	959	(x)	(x)	(x)	1,563	1,563	(x)	(x)	(x)
Postal service	657	657	(x)	(x)	(x)	1,103	1,103	(x)	(x)	(x)
Education	6,756	24	6,732	1,677	6,156	6,791	34	6,757	1,451	5,306
Teachers	3,762	(x)	3,762	460	3,303	4,778	(x)	4,778	671	4,107
Highways	570	5	566	260	305	622	10	612	314	298
Health and hospitals	1,625	259	1,366	680	686	1,713	391	1,322	692	630
Public welfare	388	(x)	388	175	213	380	(x)	380	190	190
Police protection	711	57	654	74	580	923	109	814	106	708
Fire protection	309	(x)	309	(x)	309	332	(x)	332	(x)	332
Sanitation and sewerage	229	(x)	229	(z)	229	229	(x)	229	(z)	229
Parks and recreation	226	(x)	226	(x)	226	165	(x)	165	(x)	165
Natural resources	509	285	224	188	96	683	451	232	200	32
Financial administration	426	108	318	125	193	477	160	317	146	172
All other	2,606	516	2,090	620	1,470	3,097	909	2,188	769	1,418
1980, total	16,222	2,907	13,315	3,753	9,562	19,946	5,216	14,730	4,285	10,445
National defense ²	976	976	(x)	(x)	(x)	1,715	1,715	(x)	(x)	(x)
Postal service	664	664	(x)	(x)	(x)	1,265	1,265	(x)	(x)	(x)
Education	6,867	26	6,841	1,599	5,242	7,491	40	7,451	1,608	5,843
Teachers	3,818	(x)	3,818	467	3,352	5,261	(x)	5,261	742	4,520
Highways	563	5	559	258	301	671	10	660	346	314
Health and hospitals	1,675	266	1,408	690	718	1,919	444	1,475	761	714
Public welfare	394	(x)	394	174	220	413	(x)	413	205	208
Police protection	716	56	659	73	586	989	120	869	119	750
Fire protection	308	(x)	308	(x)	308	355	(x)	355	(x)	355
Sanitation and sewerage	227	(x)	227	1	226	261	(x)	261	1	260
Parks and recreation	219	(x)	219	(x)	219	173	(x)	173	(x)	173
Natural resources	516	291	228	192	36	732	478	254	220	34
Financial administration	426	110	316	121	195	516	172	344	153	191
All other	2,668	513	2,155	644	1,511	3,446	972	2,474	872	1,602

X Not applicable. Z Less than 500 employees or \$500,000. ¹Includes employees outside United States. ²Includes international relations.

Source of tables 506 and 507: U.S. Bureau of the Census, *Public Employment*, series GE No. 1, annual.

**NO. 508. STATE AND LOCAL GOVERNMENT EMPLOYMENT, PAYROLL, AND AVERAGE EARNINGS, BY
LEVEL OF GOVERNMENT: 1960 TO 1980**

[See also *Historical Statistics, Colonial Times to 1970*, series Y 274-289 and Y 292-307]

LEVEL OF GOVERNMENT AND FUNCTION	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
EMPLOYEES, OCTOBER (1,000)										
Total	6,387	8,001	10,147	11,754	12,084	12,169	12,765	12,743	13,102	13,315
Full-time.....	5,320	6,595	8,024	9,177	9,397	9,514	9,861	9,946	10,193	10,314
Part-time.....	1,067	1,406	2,123	2,577	2,687	2,655	2,903	2,797	2,909	3,000
FULL-TIME EQUIVALENT										
State and local.....	5,570	6,937	8,528	9,852	10,098	10,206	10,591	10,724	10,944	11,047
Education.....	2,525	3,337	4,258	4,901	4,952	5,003	5,134	5,202	5,291	5,341
Health and hospitals.....	654	789	950	1,115	1,133	1,149	1,239	1,256	1,279	1,296
Police protection.....	304	349	450	532	544	546	567	566	589	591
Public welfare.....	114	170	250	316	339	342	356	363	366	372
Other.....	1,973	2,292	2,621	2,987	3,130	3,167	3,296	3,337	3,419	3,447
State, total ¹	1,411	1,751	2,302	2,653	2,744	2,799	2,903	2,966	3,072	3,106
Education.....	390	508	803	929	952	973	1,005	1,016	1,046	1,063
Health and hospitals.....	331	392	482	553	570	589	614	635	653	650
Highways.....	240	284	297	277	271	259	258	260	257	255
Local, total ¹	4,159	5,166	6,226	7,198	7,354	7,407	7,688	7,758	7,871	7,941
Education.....	2,136	2,829	3,455	3,973	4,000	4,030	4,129	4,187	4,245	4,278
Health and hospitals.....	324	397	469	562	562	559	625	621	626	649
Police protection.....	272	308	394	463	476	477	497	495	515	519
Highways.....	259	266	271	284	298	292	290	295	285	277
Counties ¹	672	893	1,098	1,343	1,408	1,448	1,582	1,606	1,621	1,651
Education.....	(NA)	(NA)	228	282	279	294	319	331	341	351
Health and hospitals.....	(NA)	(NA)	227	277	281	282	325	327	323	325
Public welfare.....	(NA)	(NA)	111	128	139	142	149	150	153	158
Municipalities ¹	1,447	1,638	1,922	2,127	2,142	2,107	2,168	2,163	2,190	2,166
Education.....	(NA)	(NA)	359	405	376	360	358	361	366	360
Health and hospitals.....	(NA)	(NA)	158	189	165	158	172	170	165	166
Police protection.....	(NA)	(NA)	299	344	349	347	356	355	366	365
Fire protection.....	(NA)	(NA)	169	183	184	183	182	182	203	190
School districts.....	1,727	2,287	2,786	3,183	3,243	3,272	3,351	3,393	3,435	3,468
Townships.....	302	177	192	233	237	245	241	245	250	249
Special districts.....	302	191	228	312	324	335	346	351	374	406
PAYROLL, OCTOBER (mil. dol.)										
Total	2,215	3,400	5,906	8,792	9,640	10,359	11,420	12,139	13,349	14,730
Full-time.....	(NA)	3,251	5,598	8,244	9,018	9,709	10,672	11,335	12,506	13,792
Part-time.....	(NA)	150	309	548	622	650	748	804	843	937
Education.....	1,095	1,778	3,170	4,580	4,960	5,310	5,845	6,186	6,757	7,451
Health and hospitals.....	198	292	529	832	907	981	1,113	1,186	1,322	1,475
Police protection.....	129	184	339	531	585	628	699	722	814	869
Public welfare.....	39	72	150	240	272	298	329	350	380	413
Other.....	755	1,075	1,719	2,609	2,916	3,141	3,433	3,695	4,076	4,522
State, total ¹	545	849	1,612	2,410	2,653	2,894	3,195	3,483	3,869	4,285
Education.....	172	290	630	933	1,022	1,112	1,234	1,333	1,451	1,608
Health and hospitals.....	104	150	283	432	472	517	577	625	692	761
Highways.....	90	129	193	238	251	256	269	298	314	346
Local, total ¹	1,670	2,551	4,294	6,382	6,987	7,474	8,225	8,656	9,480	10,445
Education.....	923	1,488	2,539	3,647	3,939	4,208	4,611	4,853	5,306	5,843
Health and hospitals.....	93	141	246	400	437	464	536	561	630	714
Police protection.....	116	163	296	461	510	546	611	626	708	750
Highways.....	88	110	149	212	238	249	261	282	298	314
Counties ¹	229	377	639	1,057	1,183	1,295	1,469	1,564	1,726	1,935
Education.....	(NA)	89	149	241	252	285	332	357	391	444
Health and hospitals.....	(NA)	66	117	199	217	233	278	289	320	362
Public welfare.....	(NA)	30	61	92	106	114	128	131	147	159
Municipalities ¹	583	818	1,361	1,986	2,129	2,235	2,412	2,534	2,729	2,951
Education.....	(NA)	170	299	425	425	431	456	478	514	564
Health and hospitals.....	(NA)	56	90	132	143	145	160	170	178	189
Police protection.....	(NA)	130	231	349	384	407	453	485	515	534
Fire protection.....	(NA)	84	137	196	217	226	243	252	281	300
School districts.....	735	1,189	2,032	2,882	3,160	3,380	3,707	3,897	4,272	4,683
Townships.....	118	80	122	200	215	237	250	269	291	330
Special districts.....	118	87	140	258	300	326	367	392	463	546
AVERAGE OCTOBER EARNINGS (dol.)										
Full-time employees:										
State and local.....	399	493	697	899	961	1,020	1,082	1,139	1,227	1,337
Education.....	437	538	756	949	1,013	1,073	1,146	1,201	1,285	1,402
Other.....	368	452	642	853	912	972	1,021	1,085	1,175	1,279

NA Not available. ¹ Includes other categories not shown separately.

Source: U.S. Bureau of the Census, *Public Employment*, series GE No. 1, annual, and unpublished data.

NO. 509. STATE AND LOCAL GOVERNMENT—EMPLOYMENT (FULL-TIME) AND SALARY, BY SEX AND RACE/ETHNIC GROUP: 1973 TO 1979

[As of June 30. Excludes school systems and educational institutions. Based on reports from State governments (44 in 1973, 48 in 1975 and 1976, 47 in 1977, 45 in 1978 and 48 in 1979) and a sample of county, municipal, township, and special district jurisdictions employing 15 or more nonelected, nonappointed full-time employees. For definition of median, see Guide to Tabular Presentation]

SEX AND RACE/ETHNIC GROUP	EMPLOYMENT (1,000)						MEDIAN ANNUAL SALARY (\$1,000)					
	1973	1975	1976	1977	1978	1979	1973	1975	1976	1977	1978	1979
Total	3,809	3,899	4,369	4,415	4,447	4,576	8.6	9.8	10.4	10.9	11.7	12.3
Male.....	2,486	2,436	2,724	2,737	2,711	2,761	9.6	11.3	11.8	12.4	13.3	14.1
Female.....	1,322	1,464	1,645	1,678	1,736	1,816	7.0	8.2	8.6	9.1	9.7	10.4
White.....	3,115	3,102	3,490	3,480	3,481	3,568	8.8	10.2	10.7	11.3	12.0	12.8
Minority group, total ¹	693	797	880	935	966	1,008	7.5	8.8	9.2	9.7	10.4	10.9
Black.....	523	602	664	705	723	751	7.4	8.6	9.1	9.5	10.1	10.6
Hispanic ²	125	147	165	175	181	192	7.4	8.9	9.4	9.9	10.7	11.4

¹Includes other minority groups, not shown separately. ²Prior to 1976, this ethnic group was classified as "Spanish-surnamed American."

Source: U.S. Equal Employment Opportunity Commission, *State and Local Government Information Report*, annual.

NO. 510. STATE AND LOCAL GOVERNMENT—EMPLOYMENT (FULL-TIME) AND SALARY, BY OCCUPATION, SEX, AND RACE/ETHNIC GROUP: 1979

[As of June 30. See headnote, table 509]

SEX AND RACE/ETHNIC GROUP	Total	Officials/ administrators	Professionals	Technicians	Protective service	Paraprofessionals	Office/ clerical	Skilled craft	Service/ maintenance
NUMBER EMPLOYED (1,000)									
Total	4,576	232	846	447	622	403	857	382	788
Male.....	2,761	179	482	281	585	122	108	367	636
Female.....	1,816	53	365	166	37	281	749	15	151
White.....	3,568	211	722	371	535	263	669	312	485
Minority group, total ¹	1,008	21	124	76	87	140	187	70	303
Black.....	751	14	78	54	63	118	133	48	242
Hispanic.....	192	5	22	15	20	17	41	19	53
PERCENT DISTRIBUTION									
Total	100.0	5.1	18.5	9.8	13.6	8.8	18.7	8.3	17.2
Male.....	100.0	6.5	17.5	10.2	21.2	4.4	3.9	13.3	23.0
Female.....	100.0	2.9	20.1	9.1	2.0	15.5	41.2	.8	8.3
White.....	100.0	5.9	20.2	10.4	15.0	7.4	18.8	8.7	13.6
Minority group, total ¹	100.0	2.1	12.3	.5	8.6	13.9	18.6	6.9	30.1
Black.....	100.0	1.9	10.4	7.2	8.4	15.7	17.7	6.4	32.2
Hispanic.....	100.0	2.6	11.5	7.8	10.4	8.9	21.4	9.9	27.6
MEDIAN ANNUAL SALARY (\$1,000)									
Total	12.3	20.4	16.1	12.8	15.2	9.3	9.7	13.2	10.2
Male.....	14.1	24.6	18.4	14.6	15.4	10.3	10.9	13.4	10.9
Female.....	10.4	15.9	14.4	10.8	11.8	9.0	9.5	15.1	8.4
White.....	12.8	20.4	16.3	13.1	15.3	9.5	9.7	13.3	10.7
Minority group, total ¹	10.9	20.0	15.4	11.6	14.4	9.0	9.7	13.0	9.7
Black.....	10.6	19.6	14.7	11.3	14.0	8.9	9.6	12.8	9.6
Hispanic.....	11.4	19.7	15.6	12.3	15.3	9.0	9.5	18.8	11.7

¹Includes other minority groups, not shown separately.

Source: U.S. Equal Employment Opportunity Commission, *State and Local Government Information Report*, 1979.

**NO. 511. STATE AND LOCAL GOVERNMENT EMPLOYMENT (FULL-TIME EQUIVALENT) AND PAYROLL, BY
SELECTED FUNCTION FOR THE U.S., 1970 TO 1980, AND BY STATES, 1980**

[For October]

STATE	EMPLOYMENT (1,000)						OCTOBER PAYROLL (mil. dol.)					
	Education		Health and hospitals	High- ways	Police and local fire pro- tection	Public wel- fare	Education		Health and hospitals	High- ways	Police and local fire pro- tection	Public wel- fare
	Total	Local schools only					Total	Local schools only				
1970.....	4,257.5	3,350.8	950.9	568.2	639.5	249.8	3,169.7	2,442.4	529.3	341.4	491.1	149.5
1975.....	4,951.8	3,822.9	1,134.2	569.6	758.7	339.4	4,960.3	3,727.8	909.0	488.9	835.4	272.3
1976.....	5,002.7	3,861.6	1,148.9	551.4	760.4	342.2	5,310.4	3,992.8	981.4	505.0	891.7	298.1
1977.....	5,133.9	3,950.5	1,238.8	548.2	780.7	356.2	5,845.5	4,366.6	1,113.0	530.1	982.2	329.4
1978.....	5,202.3	4,002.5	1,256.2	555.0	780.9	363.6	6,186.2	4,610.2	1,186.2	580.4	1,020.1	349.5
1979.....	5,291.3	4,064.9	1,278.7	542.2	826.3	366.0	6,757.0	5,035.0	1,322.1	612.0	1,145.9	379.9
1980.....	5,341.1	4,083.8	1,296.2	532.8	817.5	371.9	7,450.9	5,521.8	1,475.5	660.3	1,223.4	413.2
Ala.....	90.7	64.5	33.4	11.7	13.0	4.8	105.8	69.5	31.4	11.3	15.5	5.5
Alaska.....	13.6	10.3	1.5	2.8	1.7	.7	28.8	22.2	3.1	5.8	4.6	1.2
Ariz.....	73.9	50.4	10.1	5.9	10.3	2.3	107.2	70.1	12.9	7.7	16.9	3.0
Ark.....	55.8	41.3	13.5	7.7	6.2	2.3	58.4	40.4	11.6	7.2	6.2	2.1
Calif.....	497.8	358.9	123.6	33.6	90.3	37.4	853.5	587.9	182.4	60.5	178.9	49.2
Colo.....	77.2	55.2	15.7	7.6	10.7	3.6	108.1	72.5	20.2	10.6	16.2	4.2
Conn.....	70.4	57.9	14.2	8.1	12.3	3.1	107.6	89.1	15.9	10.0	18.8	3.6
Del.....	15.1	10.6	3.5	1.7	1.8	.6	19.7	12.8	3.5	2.2	2.8	.7
D.C.....	13.7	10.9	6.3	1.0	5.7	2.2	24.9	20.4	10.5	1.7	11.4	3.6
Fla.....	201.9	160.2	60.5	17.9	38.7	8.9	253.3	190.7	66.7	18.2	52.8	8.8
Ga.....	139.8	111.2	64.3	13.6	19.8	6.2	150.4	110.8	61.3	13.6	22.8	6.5
Hawaii.....	21.5	15.8	5.0	1.9	3.8	1.0	32.6	22.6	5.8	2.6	6.2	1.1
Idaho.....	23.0	17.0	4.3	2.9	2.7	1.3	26.9	19.3	4.5	3.9	3.5	2.1
Ill.....	251.2	191.9	44.6	19.4	50.1	15.2	384.0	286.5	55.0	26.3	83.1	17.2
Ind.....	131.5	97.5	31.2	11.2	17.6	6.5	172.1	118.5	32.9	11.6	20.8	6.8
Iowa.....	83.0	61.1	17.6	9.3	7.2	5.2	111.5	77.8	18.7	11.9	9.0	5.1
Kans.....	67.8	49.0	13.6	8.9	8.0	1.5	81.3	55.5	13.7	9.9	9.7	1.5
Ky.....	83.7	62.1	13.0	9.7	9.6	5.5	99.4	70.8	14.0	11.1	11.9	4.6
La.....	106.8	82.9	32.0	13.3	14.1	4.9	124.0	91.7	29.6	14.6	14.6	3.2
Maine.....	28.9	23.3	3.1	4.2	3.3	1.2	33.1	25.6	3.5	4.8	3.8	1.4
Md.....	111.4	79.9	24.9	9.3	18.0	6.7	163.7	121.8	28.6	11.3	28.0	8.0
Mass.....	129.3	112.9	35.1	12.7	30.9	9.5	194.3	172.1	35.8	15.8	47.4	10.9
Mich.....	231.9	172.3	46.4	15.7	30.2	18.6	385.0	286.8	63.8	24.3	55.4	26.9
Minn.....	104.3	80.1	22.9	11.4	10.1	9.3	154.1	111.3	27.6	17.2	16.9	11.3
Miss.....	65.0	46.4	20.2	8.9	7.1	3.0	64.3	42.9	17.0	7.2	7.0	2.5
Mo.....	111.9	90.2	33.2	11.8	18.6	6.0	129.1	97.6	33.2	13.4	24.4	6.3
Mont.....	22.4	17.0	3.0	3.5	2.4	1.5	28.6	21.4	3.3	4.7	3.0	1.6
Nebr.....	45.1	30.9	8.5	5.7	4.4	3.2	52.9	36.8	7.8	6.4	6.5	2.9
Nev.....	16.1	12.1	4.5	1.9	4.5	.8	23.0	16.8	6.1	2.8	7.2	1.2
N.H.....	20.9	16.0	3.1	3.3	3.3	3.1	23.3	17.4	3.1	4.9	4.3	2.6
N.J.....	175.6	145.8	35.5	19.2	36.1	14.4	276.7	228.4	41.2	24.9	53.4	15.7
N.Mex.....	40.0	27.0	6.5	3.8	4.6	1.9	49.1	32.0	6.6	4.8	5.4	2.1
N.Y.....	345.6	285.2	148.6	45.4	77.4	53.3	580.6	484.6	183.5	55.6	113.7	53.9
N.C.....	158.7	121.1	37.4	14.8	17.9	8.4	188.4	134.9	40.3	16.2	21.2	8.3
N.Dak.....	18.0	12.6	2.5	2.3	1.5	1.1	25.4	17.6	2.7	2.8	2.0	1.0
Ohio.....	235.5	183.9	49.1	20.8	34.1	18.7	330.0	251.0	53.4	25.5	49.9	18.3
Okla.....	81.7	59.7	16.9	8.6	10.2	8.8	92.7	63.2	15.3	8.5	12.2	9.6
Oreg.....	68.6	50.5	11.6	7.0	9.0	4.7	96.4	68.0	13.9	10.0	15.2	5.8
Pai.....	224.9	195.7	38.6	28.2	36.4	28.2	319.4	272.1	47.8	33.4	54.0	30.3
R.I.....	20.3	15.0	5.6	1.8	4.5	1.5	30.9	23.7	7.1	2.1	6.4	2.0
S.C.....	85.2	62.8	24.8	6.7	8.6	5.0	94.2	62.7	25.6	6.5	9.3	5.3
S.Dak.....	18.5	14.1	2.8	2.7	1.8	.8	20.2	14.4	2.6	3.1	2.1	.8
Tenn.....	103.4	81.5	31.6	12.1	16.0	7.2	122.7	93.2	29.1	11.3	19.1	6.8
Tex.....	379.5	292.9	84.3	28.9	45.6	14.4	460.3	338.6	85.2	34.1	64.5	16.3
Utah.....	39.0	26.2	4.9	3.1	4.4	1.6	49.4	32.1	5.5	4.6	6.5	2.2
Vt.....	14.2	10.3	1.6	1.8	1.3	.7	15.8	10.8	1.6	2.3	1.8	.8
Va.....	143.5	109.1	27.1	15.1	16.7	6.5	178.2	128.5	29.0	16.1	22.2	6.9
Wash.....	97.3	68.2	16.1	10.7	12.8	5.5	155.2	105.6	20.4	17.4	22.5	7.1
W. Va.....	52.6	40.8	12.0	9.1	4.4	3.4	61.7	46.9	11.1	8.9	5.1	3.2
Wis.....	117.6	79.7	22.1	11.6	15.8	9.1	180.7	117.9	26.2	15.9	24.8	10.5
Wyo.....	15.9	12.0	3.6	2.4	1.8	.5	22.1	15.9	4.0	3.1	2.6	.7

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*, and *Public Employment*, series GE, No. 1, annual.

No. 512. STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLL—STATES: 1970 TO 1980

[For October]

STATE	ALL EMPLOYEES (1,000)						OCTOBER PAYROLL ² (mil. dol.)					
	State			Local ¹			State			Local ¹		
	1970	1975	1980	1970	1975	1980	1970	1975	1980	1970	1975	1980
U.S.....	2,755	3,268	3,753	7,392	8,828	9,562	1,612	2,653	4,285	4,294	6,987	10,445
Ala.....	49	62	75	107	125	150	24	46	80	46	77	134
Alaska.....	10	14	18	8	14	18	9	20	34	7	19	35
Ariz.....	28	39	42	64	98	120	16	32	53	40	81	145
Ark.....	29	36	45	57	70	80	13	25	42	21	37	63
Calif.....	239	273	310	837	1,036	1,107	170	265	459	614	1,001	1,405
Colo.....	44	54	58	87	116	128	25	45	67	44	85	139
Conn.....	43	46	57	85	107	109	30	37	61	57	91	132
Del.....	13	16	17	16	19	18	7	11	20	10	15	19
D.C.....	(x)	(x)	(x)	54	54	53	(x)	(x)	(x)	30	65	86
Fla.....	79	105	119	250	349	399	43	86	130	143	266	416
Ga.....	61	82	95	162	209	254	32	59	99	74	131	222
Hawaii.....	33	39	43	10	13	13	22	35	52	8	11	17
Idaho.....	14	19	19	28	34	39	7	14	20	11	19	34
Ill.....	132	141	155	403	473	483	78	126	179	258	414	566
Ind.....	70	78	91	176	212	215	36	52	94	90	137	201
Iowa.....	42	47	55	114	128	130	23	40	62	53	85	126
Kans.....	41	46	50	94	103	113	20	32	49	41	62	97
Ky.....	46	64	70	90	104	114	23	45	72	42	64	107
La.....	65	78	94	119	144	155	32	52	95	56	91	145
Maine.....	17	18	23	33	40	44	9	13	23	14	23	36
Md.....	50	73	88	124	154	177	33	65	106	83	141	213
Mass.....	67	75	89	194	239	250	44	62	95	118	199	300
Mich.....	121	143	161	330	376	397	74	124	203	217	332	492
Minn.....	56	65	73	155	181	199	34	55	87	86	137	205
Miss.....	34	39	46	77	91	104	15	25	42	27	48	80
Mo.....	64	72	77	153	176	194	32	54	81	79	122	180
Mont.....	17	19	22	25	32	35	8	14	21	12	21	33
Nebr.....	28	30	33	65	77	82	13	21	32	30	48	77
Nev.....	8	12	15	22	26	32	5	10	18	13	22	39
N.H.....	12	16	19	26	32	34	7	11	18	10	17	29
N.J.....	65	76	102	243	307	331	44	71	124	156	270	394
N.Mex.....	23	30	42	36	44	48	12	22	42	17	29	48
N.Y.....	201	202	231	879	895	865	144	196	308	610	884	1,085
N.C.....	71	92	102	145	188	247	39	68	112	73	123	230
N. Dak.....	14	15	17	29	37	34	6	10	17	10	14	26
Ohio.....	107	119	153	372	426	445	61	91	154	195	309	461
Okla.....	49	55	68	82	103	118	22	37	67	37	59	104
Oreg.....	43	50	55	79	104	117	24	40	61	43	79	128
Pa.....	132	152	149	349	405	420	79	132	175	203	325	460
R.I.....	17	21	25	25	27	27	10	17	27	15	24	35
S.C.....	38	58	68	84	102	114	19	40	76	34	56	97
S.Dak.....	13	16	16	32	33	31	6	10	15	11	15	22
Tenn.....	55	63	74	124	159	180	26	42	74	58	104	174
Tex.....	133	172	200	381	493	592	71	138	216	194	346	610
Utah.....	23	29	32	39	46	55	12	20	36	18	28	52
Vt.....	11	12	12	14	19	18	6	9	14	6	10	14
Va.....	74	97	114	137	185	201	42	74	117	73	133	205
Wash.....	66	82	94	126	141	156	42	67	110	78	120	205
W. Va.....	35	43	47	50	55	65	16	27	42	22	36	65
Wis.....	64	75	83	184	210	225	41	60	93	94	148	232
Wyo.....	8	9	11	16	19	28	4	7	13	7	13	27

X Not applicable. ¹Subject to sampling variation. ²For all employees.Source: U.S. Bureau of the Census, *Public Employment*, series GE, No. 1, annual.

Full-Time Employment

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No. 513. FULL-TIME EQUIVALENT EMPLOYMENT OF STATE AND LOCAL GOVERNMENTS—STATES: 1970 TO 1980

[For October]

STATE	FULL-TIME EQUIVALENT EMPLOYMENT (1,000)						FULL-TIME EQUIVALENT EMPLOYMENT PER 10,000 POPULATION					
	State			Local			State			Local		
	1970	1975	1980	1970	1975	1980	1970	1975	1980	1970	1975	1980
U.S.	2,302	2,744	3,106	6,226	7,354	7,941	113	129	137	306	345	351
Alabama.....	42	52	63	94	110	134	122	145	161	272	305	344
Alaska.....	8	13	17	7	12	15	280	379	416	234	343	387
Arizona.....	22	32	37	55	82	100	124	143	137	312	367	368
Arkansas.....	24	32	38	49	58	69	127	150	164	254	274	301
California.....	195	218	249	697	833	859	98	103	105	349	393	363
Colorado.....	36	41	43	71	95	106	161	162	147	322	376	368
Connecticut.....	38	40	46	74	89	92	126	128	149	245	289	296
Delaware.....	12	14	16	14	17	16	217	244	262	254	288	265
District of Columbia.....	(x)	(x)	(x)	49	52	49	(x)	(x)	(x)	643	726	762
Florida.....	72	94	105	223	311	354	106	113	107	329	372	364
Georgia.....	53	72	83	145	185	224	115	147	152	317	376	410
Hawaii.....	28	31	36	10	12	12	365	355	378	131	134	125
Idaho.....	11	15	15	22	27	31	151	182	158	304	326	323
Illinois.....	106	120	124	334	377	385	96	107	108	300	338	338
Indiana.....	54	58	67	145	173	181	103	110	121	280	325	330
Iowa.....	34	38	45	88	100	103	122	134	155	311	349	353
Kansas.....	31	36	38	75	80	89	139	157	160	332	354	376
Kentucky.....	39	56	58	76	87	97	121	164	158	235	269	265
Louisiana.....	53	66	81	107	130	142	146	174	193	293	343	339
Maine.....	16	17	18	25	31	33	157	157	161	255	289	297
Maryland.....	47	68	82	114	137	149	119	165	194	292	331	353
Massachusetts.....	60	68	78	168	199	209	105	116	136	296	341	364
Michigan.....	91	110	126	267	299	309	103	120	136	301	350	334
Minnesota.....	43	50	55	119	138	148	113	128	135	312	353	364
Mississippi.....	28	33	40	65	77	90	127	140	159	295	328	355
Missouri.....	53	62	65	130	149	163	114	131	133	278	312	332
Montana.....	13	15	16	21	26	28	183	204	199	296	352	357
Nebraska.....	23	26	28	51	61	64	154	170	180	344	393	410
Nevada.....	7	10	12	19	23	28	134	162	152	365	393	349
New Hampshire.....	10	13	14	17	23	27	133	153	156	228	279	293
New Jersey.....	58	70	87	210	262	283	81	95	119	293	363	364
New Mexico.....	19	26	34	31	39	43	186	224	259	300	340	330
New York.....	185	188	215	749	766	731	102	104	123	412	423	416
North Carolina.....	62	80	87	127	161	212	122	147	147	250	296	360
North Dakota.....	10	11	13	18	19	20	165	168	193	285	299	309
Ohio.....	85	95	115	304	346	358	80	88	107	286	321	331
Oklahoma.....	37	45	56	70	85	102	145	166	186	274	314	338
Oregon.....	32	39	43	64	83	92	155	169	164	308	353	350
Pennsylvania.....	118	134	127	296	340	348	100	113	107	251	288	293
Rhode Island.....	14	18	20	22	24	25	149	194	211	230	262	260
South Carolina.....	34	51	61	69	82	100	130	182	196	267	291	319
South Dakota.....	10	12	12	22	21	22	153	169	180	330	312	320
Tennessee.....	49	55	63	114	144	162	124	131	137	290	343	353
Texas.....	112	148	169	342	435	526	100	121	119	306	355	370
Utah.....	17	25	26	31	35	42	158	207	177	291	290	287
Vermont.....	9	10	11	10	13	14	203	214	215	221	272	267
Virginia.....	64	80	94	120	162	175	137	162	176	259	325	327
Washington.....	55	62	71	105	116	133	160	174	173	308	328	322
West Virginia.....	30	36	40	42	50	60	174	201	204	238	277	307
Wisconsin.....	46	53	60	137	161	166	105	115	127	309	348	354
Wyoming.....	7	8	9	13	16	21	204	208	193	398	420	450

X Not applicable.

Source: U.S. Bureau of the Census, *Public Employment*, series GE No. 1, annual.

No. 514. CITY GOVERNMENT EMPLOYMENT AND PAYROLLS: 1950 TO 1980

[For October, 1972 based on complete count of all cities; other years based on sample and subject to sampling variation. Minus sign (–) denotes decrease]

YEAR	ALL EMPLOYEES, FULL-TIME AND PART-TIME (1,000)		OCTOBER PAYROLL (mil. dol.)		AVERAGE ANNUAL PERCENT CHANGE ²		FULL-TIME EQUIVALENT EMPLOYMENT (1,000)			AVERAGE EARNINGS IN OCTOBER, FULL-TIME EMPLOYEES	
	Total	Excl. edu- cation	Total ¹	Excl. edu- cation ¹	All em- ployees	Month- ly payroll	Total ¹	Edu- cation	Other	Edu- cation	Other
1950.....	1,311	1,106	290	230	3.2	8.9	(NA)	(NA)	(NA)	(NA)	(NA)
1955.....	1,436	1,238	414	337	1.8	7.4	1,262	182	1,080	\$422	\$315
1960.....	1,592	1,439	583	471	3.3	7.1	1,447	225	1,222	502	387
1965.....	1,884	1,560	818	649	2.2	7.0	1,638	282	1,356	603	480
1970.....	2,244	1,815	1,361	1,062	3.6	10.7	1,922	359	1,563	838	681
1971.....	2,273	1,838	1,482	1,167	1.3	8.9	1,960	366	1,594	876	735
1972.....	2,375	1,918	1,854	1,302	4.5	11.6	2,029	378	1,650	951	792
1973.....	2,471	1,992	1,855	1,441	4.0	12.2	2,109	402	1,707	1,045	846
1974.....	2,491	2,009	1,985	1,560	.8	7.0	2,127	405	1,722	1,060	909
1975.....	2,506	2,074	2,129	1,725	.6	8.3	2,142	376	1,767	1,130	972
1976.....	2,443	2,021	2,235	1,804	–2.5	5.0	2,107	360	1,747	1,207	1,035
1977.....	2,511	2,084	2,415	1,959	2.8	8.0	2,170	358	1,812	1,280	1,087
1978.....	2,511	2,086	2,537	2,059	(Z)	5.1	2,165	361	1,804	1,341	1,146
1979.....	2,553	2,121	2,729	2,215	1.7	7.6	2,189	364	1,825	1,414	1,231
1980.....	2,561	2,130	2,942	2,403	.3	7.8	2,166	360	1,806	1,501	1,338

NA Not available. Z Less than .05 percent. ¹Includes only those school systems operated as part of the general city government. ²Represents average for period of intervals shown; for 1950, change from 1946. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.

No. 515. CITY GOVERNMENT EMPLOYMENT AND PAYROLLS—ALL CITIES AND CITIES WITH 50,000 POPULATION OR MORE: 1975 TO 1980

[As of October]

TYPE OF EMPLOYMENT	EMPLOYEES (1,000)						OCTOBER PAYROLL (mil. dol.)					
	All cities			Cities with 50,000 population or more ¹			All cities			Cities with 50,000 population or more ¹		
	1975	1979	1980	1975	1979	1980	1975	1979	1980	1975	1979	1980
Total.....	2,506	2,553	2,561	1,630	1,652	1,645	2,130	2,729	2,942	1,612	2,046	2,182
Full-time.....	2,033	2,074	2,071	1,450	1,458	1,437	2,031	2,618	2,826	1,551	1,978	2,111
Part-time.....	468	479	489	180	194	208	98	111	116	60	68	71
Full-time equivalent.....	2,143	2,189	2,166	1,508	1,514	1,493	(X)	(X)	(X)	(X)	(X)	(X)
Education ²	376	364	360	312	305	304	425	513	539	363	447	463
Percent of total.....	18	17	17	21	20	20	20	19	18	23	22	21
Instructional staff.....	277	267	266	226	223	224	346	421	436	295	367	376
Others.....	99	97	94	86	82	80	78	92	102	68	80	87
Highways.....	129	124	121	65	63	60	109	136	141	62	77	77
Public welfare.....	42	40	41	41	37	38	36	42	47	34	40	45
Hospitals.....	121	131	131	94	88	87	108	139	143	87	101	102
Health.....	38	34	35	35	33	32	35	41	47	33	41	44
Police protection.....	349	366	365	224	228	224	364	515	550	272	355	389
Fire protection.....	184	203	190	126	130	130	217	281	300	162	207	218
Sewerage.....	55	58	60	28	31	32	46	66	74	27	38	44
Sanitation.....	108	105	104	66	67	63	88	103	118	62	80	81
Parks and recreation.....	104	111	103	73	78	72	84	113	116	61	82	84
Housing, urban renewal.....	35	43	44	31	39	38	35	53	57	32	48	51
Correction.....	16	18	18	15	17	17	18	26	27	17	25	26
Libraries.....	38	35	34	28	25	25	30	35	38	23	27	28
Financial administration.....	61	67	69	34	37	38	54	76	85	33	46	51
General control.....	105	106	112	62	61	66	101	130	147	66	84	96
Local utilities ³	200	206	209	136	138	139	206	266	306	155	195	225
Water supply.....	92	92	93	51	52	50	81	107	116	50	67	70
Electric power.....	46	45	44	27	25	24	49	64	67	32	40	41
Transit.....	58	61	66	54	58	62	71	87	115	70	84	110
All other functions.....	175	178	171	139	133	127	155	197	208	125	152	159

X Not applicable. ¹1980 data based on 1980 population; 1979 based on population estimates in 1977; 1975 based on population estimates in 1970. ²City-operated schools and colleges only. ³Includes gas supply, not shown below.

Source: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.

NO. 516. CITY GOVERNMENT EMPLOYMENT AND PAYROLL—SELECTED LARGE CITIES: 1970 TO 1980

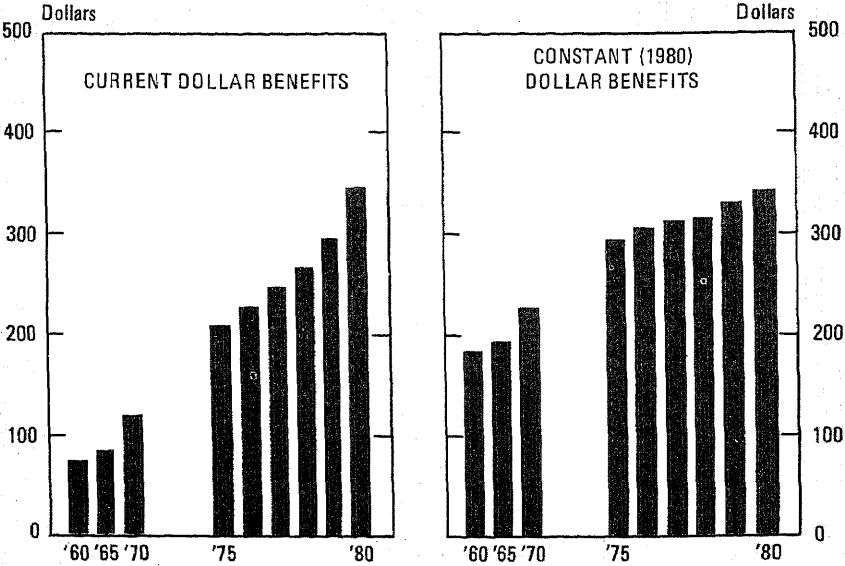
[For October. See text, p. 274]

CITIES RANKED BY POPULATION-SIZE, 1980	FULL-TIME EQUIVALENT EMPLOYMENT						OCTOBER PAYROLL (mil. dol.)			AVERAGE EARNINGS IN OCTOBER, FULL-TIME EMPLOYEES (dol.)	
	Total (1,000)			Per 10,000 population						1970	1980
	1970	1975	1980	1970 ¹	1975 ²	1980 ³	1970	1975	1980		
New York, N.Y. ⁴	375	348	319	476	464	451	326	435	504	869	1,587
Chicago, Ill.	44	49	45	131	157	150	40	20	71	902	1,569
Los Angeles, Calif.	42	47	41	150	172	138	42	64	73	960	1,806
Philadelphia, Pa.	34	38	32	177	209	189	30	45	51	866	1,611
Houston, Tex.	10	14	18	81	107	111	7	13	26	679	1,499
Detroit, Mich.	26	21	21	172	153	179	21	26	40	802	1,852
Dallas, Tex.	11	13	14	134	163	154	8	13	20	693	1,465
San Diego, Calif.	5	7	7	78	89	80	5	9	12	868	1,773
Phoenix, Ariz.	5	7	9	94	110	114	4	7	14	718	1,517
Baltimore, Md. ⁴	37	41	40	412	475	514	26	37	47	704	1,172
San Antonio, Tex.	8	11	10	128	143	128	5	10	13	648	1,282
Honolulu, Hawaii	7	9	9	110	126	116	6	9	12	811	1,401
Indianapolis, Ind.	6	11	12	78	160	174	3	8	13	500	1,098
San Francisco, Calif.	20	22	21	285	324	310	19	27	37	945	1,761
Memphis, Tenn. ⁴	24	22	22	387	328	341	15	20	29	618	1,335
Washington, D.C. ⁴	49	46	41	642	643	651	39	57	73	804	1,761
San Jose, Calif.	3	4	4	59	66	60	3	5	7	970	1,714
Milwaukee, Wis.	10	10	9	138	145	145	8	11	15	798	1,631
Cleveland, Ohio	16	13	9	210	197	160	10	13	13	621	1,460
Columbus, Ohio	5	7	7	94	124	122	4	7	10	734	1,498
Boston, Mass. ⁴	25	25	25	382	390	444	18	27	35	753	1,398
New Orleans, La.	10	11	13	169	188	225	5	7	11	465	919
Jacksonville, Fla.	6	10	11	115	194	202	4	9	11	716	1,013
Seattle, Wash.	10	9	9	188	180	188	8	10	17	820	1,830
Denver, Colo.	9	12	12	173	252	244	6	13	18	710	1,540
Nashville-Davidson, Tenn. ⁴	14	18	17	319	425	374	9	15	22	632	1,295
St. Louis, Mo.	13	14	13	215	257	280	9	12	16	642	1,279
Kansas City, Mo.	6	7	6	113	137	145	4	7	9	686	1,368
El Paso, Tex.	3	4	4	85	90	104	2	3	6	562	1,260
Atlanta, Ga.	7	9	8	147	204	187	4	7	10	612	1,230
Pittsburgh, Pa.	7	6	7	135	121	135	5	5	7	679	1,116
Oklahoma City, Okla.	4	4	4	97	104	104	2	3	6	559	1,323
Cincinnati, Ohio	13	17	7	297	421	174	9	17	10	648	1,527
Fort Worth, Tex.	4	4	5	100	122	120	3	4	5	647	1,198
Minneapolis, Minn.	5	6	5	117	146	136	4	7	9	825	1,821
Portland, Ore.	5	5	4	121	132	115	4	6	8	790	1,916
Long Beach, Calif.	5	5	4	127	152	122	4	7	7	913	1,678
Tulsa, Okla.	3	3	4	83	98	115	2	3	5	621	1,184
Buffalo, N.Y. ⁴	13	13	12	200	325	348	11	14	18	829	1,475
Toledo, Ohio	4	4	3	98	105	96	3	4	6	823	1,758
Miami, Fla.	4	4	4	126	100	118	3	5	6	804	1,408
Baton Rouge, La.	3	3	4	89	104	108	1	2	3	528	908
Austin, Tex.	4	6	7	102	132	199	4	6	10	953	1,515
Oakland, Calif.	4	4	4	102	132	109	4	6	7	953	2,011
Albuquerque, N. Mex.	3	4	4	107	137	119	2	3	4	654	1,135
Tucson, Ariz.	2	4	4	94	150	124	2	4	6	697	1,474
Newark, N.J. ⁴	16	18	12	407	542	374	12	17	17	814	1,387
Charlotte, N.C.	3	4	4	113	137	125	2	4	5	667	1,290
Omaha, Nebr.	3	4	3	75	98	92	2	3	5	662	1,684
Louisville, Ky.	6	6	6	161	166	186	4	5	7	672	1,358
Birmingham, Ala.	4	4	4	120	134	128	2	3	5	573	1,333
Wichita, Kans.	3	3	3	95	115	111	2	3	4	607	1,327
Sacramento, Calif.	3	3	3	112	131	119	2	4	6	824	1,762
Tampa, Fla.	4	4	4	146	152	165	2	4	5	453	1,178
St. Paul, Minn.	3	3	3	89	120	125	2	4	6	874	1,734
Norfolk, Va. ⁴	10	12	10	309	401	380	6	9	12	590	1,222
Virginia Beach, Va. ⁴	4	7	9	257	321	346	3	5	11	(NA)	1,204
Rochester, N.Y. ⁴	11	10	9	356	372	356	8	11	14	739	1,630
Akron, Ohio	3	3	3	103	124	123	2	3	4	716	1,509
St. Petersburg, Fla.	4	3	3	171	147	138	2	3	4	529	1,173
Corpus Christi, Tex.	2	3	3	112	136	123	1	3	3	(NA)	7942
Jersey City, N.J. ⁴	7	8	8	284	341	351	6	8	11	792	1,397
Anaheim, Calif.	1	2	2	85	102	91	1	2	3	938	1,616
Richmond, Va. ⁴	10	10	10	401	442	454	7	9	12	(NA)	1,225

NA Not available. ¹Based on 1970 enumerated population. ²Based on 1975 population estimates. ³Based on 1980 enumerated population. ⁴Includes city-operated elementary and secondary schools. ⁵Includes city-operated university or college. ⁶Data are for October 1979. ⁷Data are for October 1977. ⁸Data are for October 1978. ⁹Comprises education data for October 1980; other data for October 1979.

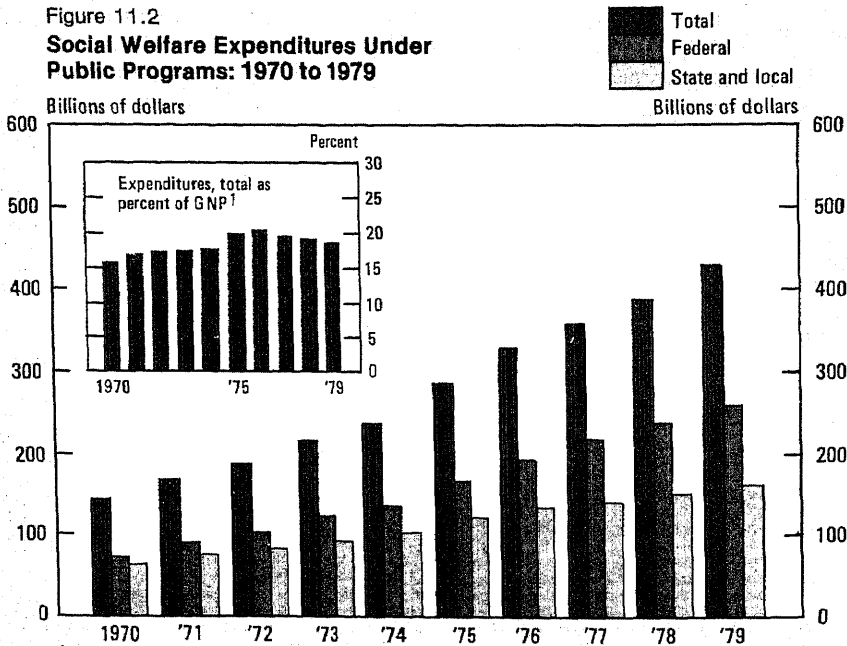
Source: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.

Figure 11.1
Social Security — Average Monthly Benefit Payments to Retired Workers: 1960 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 535.

Figure 11.2
Social Welfare Expenditures Under Public Programs: 1970 to 1979



¹Gross National Product

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 517.

1981

Section 11

Social Insurance and Welfare Services

This section presents data related to governmental expenditures on social welfare; governmental programs for old-age, survivors, disability, and health insurance (OASDHI); governmental and railroad employee retirement; private pension and employee benefit plans; government unemployment and temporary disability insurance; Federal supplemental security income payments and aid to the needy; and child and other welfare services. Also included here are selected data on workers' compensation, including black lung benefits; vocational rehabilitation; the American Red Cross; United Way campaign; and philanthropic trusts and foundations.

The principal source for these data is the Department of Health and Human Services' monthly *Social Security Bulletin* which presents current data on many of the programs and summary data in annual statistical supplements. Current data on employment security are published monthly in the Department of Labor's *Unemployment Insurance Statistics*. Data on the Medicare and Medicaid programs appear periodically in the Health Care Financing Administration's *Health Care Financing Review* (quarterly), *Health Care Financing Notes*, and *Health Care Financing Program Statistics*. Statistics on aid to families with dependent children (AFDC) are presented in the U.S. Social Security Administration's monthly publication, *Public Assistance Statistics*.

Social insurance under the Social Security Act.—Programs established by the Social Security Act provide protection against wage loss resulting from retirement, prolonged disability, death, or unemployment, and protection against the cost of medical care during old age and disability. The Federal OASDHI program provides monthly cash benefits to retired or disabled insured workers and their dependents and to qualified survivors of insured workers. To be eligible, a worker must have had a specified period of employment in which OASDHI taxes were paid. A worker becomes eligible for full benefits at age 65, although reduced benefits may be obtained up to 3 years earlier; the worker's spouse is under the same limitations. Special benefits are also provided to those persons 72 and over who do not meet insured status requirements. Benefits are payable to qualified dependents of a deceased retired insured worker and also to certain dependents of a deceased worker who had paid OASDHI taxes during a minimum period of current employment. Disability benefits are payable to an insured worker under age 65 with a prolonged disability and to the disabled worker's dependents on the same basis as dependents of retired workers. Also, disability benefits are payable at age 50 to a qualified surviving spouse of a deceased worker who was fully insured at the time of death. A lump sum benefit is also payable on the death of an insured worker.

Since July 1966, the Federal "Medicare" program has provided two coordinated plans for nearly all people age 65 and over: (1) A hospital insurance plan which covers hospital and related services and (2) a voluntary supplementary medical insurance plan, financed partially by monthly premiums paid by participants, which partly covers physicians' and related medical services. Since July 1973, such insurance also applies to disabled beneficiaries of any age under certain circumstances and to persons with chronic kidney disease. (See also below under "Health and welfare services" for discussion of "Medicaid.")

Retirement, survivors, disability, and hospital insurance benefits are funded by a payroll tax on annual earnings (up to a maximum of earnings set by law) of workers, employers, and the self-employed. The maximum taxable earnings are adjusted periodically through Federal legislation to reflect increasing income levels (see table 533). Tax receipts and benefit payments are administered by Federal trust funds. The special cash benefits for uninsured persons, age 72 and over; hospital benefits for persons 65 and over with specified amounts of social security coverage less than that required for cash benefit eligibility; and that part of the cost of supplementary medical insurance not financed by contributions from participants are financed from Federal general revenues.

Unemployment insurance is presently administered by the U.S. Employment and Training Administration and each State's employment security agency. By agreement with the U.S. Secretary of Labor, State agencies also administer unemployment compensation for eligible ex-servicemen and Federal employees, unemployment assistance under the Disaster Relief Act of 1970, workers assistance and relocation allowances under the Trade Expansion Act, and direct aid (training and related cash allowances) under Federal manpower and adjustment acts.

State unemployment insurance laws pay benefits, related to the individual's past earnings, to unemployed eligible workers. State laws vary concerning the length of time benefits are paid and their amount. In most States, benefits are payable for 26 weeks and, during periods of high unemployment, extended benefits are payable with congressional approval, under a Federal-State program to those who have exhausted their regular State benefits. The basic benefit can vary among States by over 100 percent. Some States also supplement the basic benefit with allowances for dependents.

Unemployment insurance is funded by a Federal unemployment tax levied on the taxable payrolls of most employers. Taxable payroll under the Federal Act and most State laws is the first \$8,000 in wages paid each worker during a year. Employers are allowed a percentage credit of taxable payroll for contributions paid to States under State unemployment insurance laws. The remaining percent of the Federal tax finances administrative costs, the Federal share of extended benefits, and advances to States.

Some agricultural and domestic service workers, and nonprofit organizations, although they may be covered by State law, are exempt from benefits and taxes, and railroad workers are a special case (see below). Through legislation effective from 1974 to 1977, workers lacking sufficient covered employment to qualify for regular benefits were eligible for special unemployment assistance if they had worked in a high unemployment area. Beginning in 1978, most government employees were covered.

Social insurance for railroad workers.—The Railroad Retirement Act, administered by the U.S. Railroad Retirement Board, covers railroad employees and companies and provides retirement annuities for aged and disabled workers and for spouses of retired employees, and benefits to survivors of deceased workers. Annuities and benefits, including medicare hospital insurance, are financed primarily through an employer-employee tax. Medicare health insurance is available to railroad workers on the same basis as to workers covered by social security. The Railroad Unemployment Insurance Act provides benefits for unemployment and sickness, financed by contributions from covered employers on earnings not over \$400 a month.

Social insurance for Government employees.—The civil service retirement program is the major system providing age and service, disability, and survivor annuities for Federal civilian employees. The employee contribution rate is 7 percent of total base pay; the Federal Government contributes the remainder of the cost. In addition, there are separate retirement systems for the uniformed services (supplementing OASDHI) and for a few special groups of Federal civilian employees.

State and local government employees are covered for the most part by State and local retirement systems similar to the Federal civil service retirement system. In many jurisdictions these benefits supplement OASDHI coverage.

Workers' compensation.—All States provide protection against work-connected injuries and deaths although some States exclude certain workers (e.g., domestic help). Federal laws cover Federal employees, private employees in the District of Columbia, and longshoremen and harbor workers. In addition, the Social Security Administration and the Department of Labor administer a "black lung" benefits program for coal miners disabled by pneumoconiosis and for specified dependents and survivors. Specified occupational diseases are compensable to some extent. In most States, benefits are related to the worker's salary. The benefits may or may not be augmented by dependents' allowances or automatically adjusted to prevailing wage levels.

Public aid.—State-administered public assistance programs and the Federal supplemental security income (SSI) program administered by the Social Security Administration provide benefits to persons who qualify. Prior to 1974, States, assisted by Federal grants, provided social services and money payments to those eligible (e.g., the aged, blind, disabled, and families with dependent children). The Emergency Assistance Program and general assistance were also available.

Since 1974, the SSI program has replaced Federal grants for aid to the aged, blind, and disabled in the 50 States and the District of Columbia. Residents of the Northern Mariana Islands became eligible in 1978. Federal grants continue for the AFDC and Emergency Assistance programs, social services, Medicaid, and for assistance to the aged, blind, and disabled in Guam, Puerto Rico, and the Virgin Islands. The SSI program provides a minimum income for the aged, blind, and disabled and establishes uniform national basic eligibility requirements and payments standards. Most States supplement the basic SSI payment.

Health and welfare services.—Programs providing health and welfare services are aided through Federal grants to States for child welfare services, vocational rehabilitation, activities for the aged, maternal and child health services, maternity and infant care projects, comprehensive health services, and a variety of public health activities.

Under Medicaid, all States (except Arizona) offer basic health services to eligible low-income persons. The cost of providing these services is shared by the Federal Government, but each State determines its own eligibility criteria and may set benefits above the minimum established by Federal law. Almost all recipients of cash welfare programs are automatically eligible. In addition, 29 States extend Medicaid to families that satisfy all but the income requirements for welfare and that either have incomes which meet State definitions of "medically needy" or incur medical expenses which lower their incomes to medically needy levels.

Noncash benefits.—The Bureau of the Census collected in 1980 data on the demographic and economic characteristics of recipients of noncash (in-kind) benefits to supplement the collection of annual money income data in the Current Population Survey (see text, p. 1 and Section 14). The data obtained for these noncash benefits were for the same reference period as the money income data—calendar year 1979—and are reported in the Current Population Reports, series P-23. The two major categories of noncash benefits covered were public transfers and employer or union-provided benefits to employees.

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

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

NO. 517. SOCIAL WELFARE EXPENDITURES UNDER PUBLIC PROGRAMS AS PERCENT OF GNP AND TOTAL GOVERNMENT OUTLAYS: 1950 TO 1979

[See headnote, table 518. For explanation of average annual percent change, see Guide to Tabular Presentation]

YEAR	TOTAL EXPENDITURES				FEDERAL				STATE AND LOCAL GOVERNMENT			
	Total (bil. dol.)	Average annual percent change ¹	Percent of—		Total (bil. dol.)	Average annual percent change ¹	Percent of—		Total (bil. dol.)	Average annual percent change ¹	Percent of—	
			Total GNP ²	Total govt. outlays			Total GNP ²	Total Federal outlays			Total GNP ²	Total State and local govt. outlays
1950	23.5	20.6	8.9	37.4	10.5	19.4	4.0	26.2	13.0	21.7	4.9	59.2
1960	52.3	8.3	10.5	38.4	25.0	9.0	5.0	28.1	27.3	7.7	5.5	60.1
1965	77.2	8.1	11.7	42.2	37.7	8.6	5.7	32.6	39.5	7.6	6.0	60.4
1970	145.9	13.6	15.2	48.2	77.3	15.4	8.1	40.1	68.5	11.7	7.1	64.0
1971	171.9	17.9	16.9	51.7	92.6	19.7	9.1	44.9	79.3	15.8	7.8	64.0
1972	191.4	11.3	17.2	53.2	106.3	14.8	9.6	47.4	85.0	7.2	7.6	63.8
1973	213.9	11.8	17.3	55.5	122.6	15.3	9.9	50.5	91.4	7.5	7.4	64.9
1974	239.4	11.9	17.6	56.5	137.2	11.9	10.1	52.3	102.2	11.9	7.5	64.1
1975	290.0	21.2	20.0	57.4	167.4	22.0	11.5	53.8	122.6	20.0	8.4	63.7
1976	332.4	14.6	20.4	60.3	197.4	17.9	12.1	57.0	135.0	10.1	8.3	66.2
1977	360.9	8.6	19.6	59.4	218.4	10.6	11.9	56.3	142.5	5.6	7.8	65.6
1978	394.4	9.3	19.3	57.8	240.1	9.9	11.8	55.3	154.3	8.2	7.6	62.7
1979, prel.	428.4	8.6	18.5	56.8	264.2	10.0	11.4	55.0	164.2	6.5	7.1	60.4

¹ Change from prior year shown; for 1950, change from 1945. ² Gross national product.

Source: U.S. Social Security Administration, *Social Security Bulletin*, May 1980, and earlier and forthcoming issues.

No. 518. SOCIAL WELFARE EXPENDITURES UNDER PUBLIC PROGRAMS: 1950 TO 1979

[In millions of dollars, except percent. For fiscal years ending in year shown. Fiscal years for Federal Government (through 1976), most States, and some localities, ended June 30. Beginning 1977, Federal Government fiscal year ended Sept 30. Represents outlays from trust funds (mostly social insurance funds built up by earmarked contributions from insured persons, their employers, or both) and budgetary outlays from general revenues. Includes administrative expenditures, capital outlay, and some expenditures and payments outside U.S. See table 521 for program detail. For explanation of average annual percent change, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series H 1-47, for related but not comparable data]

YEAR	SOCIAL WELFARE OUTLAYS			Social insurance	Public aid	Health and medical programs ¹	Veterans programs	Education	Housing	Other social welfare	All health and medical care ²
	Total	Average annual percent change	Percent from non-trust funds								
TOTAL											
1950.....	23,508	³ 20.6	34.8	4,947	2,496	2,064	6,866	6,674	15	448	3,065
1960.....	52,293	8.3	29.9	19,307	4,101	4,464	5,479	17,626	177	1,139	6,395
1965.....	77,175	8.1	33.4	28,123	6,283	6,246	6,031	28,108	318	2,066	9,535
1970.....	145,856	13.6	38.3	54,691	16,488	9,907	9,078	50,845	701	4,145	25,391
1971.....	171,908	17.9	41.5	66,369	21,262	11,087	10,456	56,705	1,047	4,983	28,775
1972.....	191,357	11.3	43.1	74,809	26,078	12,866	11,522	59,385	1,332	5,364	33,473
1973.....	213,942	11.8	45.7	86,166	28,691	13,447	13,026	64,734	2,180	5,698	36,668
1974.....	239,397	11.9	45.9	99,002	31,520	14,953	14,112	70,534	2,554	6,722	41,512
1975.....	290,047	21.2	46.2	123,013	41,326	17,708	17,019	80,863	3,172	6,947	51,673
1976.....	332,385	14.6	49.3	145,703	48,693	19,392	19,005	87,749	3,371	8,472	59,979
1977.....	360,925	8.6	47.5	160,883	53,266	20,409	19,015	93,921	4,358	9,071	67,704
1978.....	394,382	9.3	45.7	174,935	59,394	22,930	19,744	101,592	5,225	10,563	76,928
1979, prel.....	428,401	8.6	44.2	193,588	64,649	24,496	20,523	108,279	6,226	10,640	86,240
FEDERAL											
1950.....	10,541	³ 19.4	24.7	2,103	1,103	604	6,386	157	15	174	1,362
1960.....	24,957	9.0	15.9	14,307	2,117	1,737	5,367	868	144	417	2,918
1965.....	37,712	8.6	18.9	21,807	3,594	2,781	6,011	2,470	238	812	4,625
1970.....	77,337	15.4	23.9	45,246	9,649	4,775	8,952	5,876	582	2,259	16,600
1971.....	92,587	19.7	28.3	53,903	12,990	5,148	10,331	6,597	872	2,746	18,766
1972.....	106,327	14.8	31.2	61,248	16,291	6,322	11,405	6,721	1,183	3,155	22,082
1973.....	122,566	15.3	34.1	72,249	18,061	6,698	12,903	7,360	1,750	3,546	24,280
1974.....	137,191	11.9	34.6	82,832	20,368	7,145	13,874	7,042	2,009	3,902	27,499
1975.....	167,436	22.0	36.4	99,715	27,205	8,513	16,570	8,629	2,541	4,264	34,125
1976.....	197,407	17.9	40.2	119,600	32,527	9,909	18,843	9,023	2,906	4,598	41,010
1977.....	218,407	10.6	37.8	134,745	35,399	10,182	18,861	9,745	4,006	5,470	46,476
1978.....	240,121	9.9	36.6	147,252	40,013	11,566	19,570	10,884	4,887	5,949	52,960
1979, prel.....	264,186	10.0	35.7	163,744	43,612	12,150	20,333	12,097	5,802	6,449	59,437
STATE AND LOCAL											
1950.....	12,967	³ 21.7	54.1	2,844	1,393	1,460	480	6,517	-	274	1,704
1960.....	27,337	7.7	56.2	4,999	1,984	2,727	112	16,758	33	723	3,478
1965.....	39,464	7.6	57.1	6,316	2,690	3,466	20	25,638	80	1,254	4,911
1970.....	68,519	11.7	61.2	9,446	6,839	5,132	126	44,970	120	1,886	8,791
1971.....	79,320	15.8	60.6	12,466	8,272	5,939	125	50,107	175	2,237	10,008
1972.....	85,031	7.2	60.4	13,561	9,787	6,544	117	52,664	149	2,209	11,391
1973.....	91,376	7.5	61.8	13,917	10,630	6,749	123	57,374	430	2,152	12,388
1974.....	102,206	11.9	60.8	16,169	11,133	7,809	239	63,492	545	2,819	14,013
1975.....	122,612	20.0	59.3	23,298	14,122	9,195	449	72,234	631	2,683	17,581
1976.....	134,978	10.1	61.9	26,103	16,165	9,483	162	78,726	465	3,874	19,047
1977.....	142,519	5.6	61.6	26,139	17,867	10,227	155	84,176	353	3,602	21,303
1978.....	154,261	8.2	58.8	27,683	19,381	11,364	174	90,708	337	4,614	24,042
1979, prel.....	164,215	6.5	56.4	29,844	21,037	12,346	190	96,182	424	4,192	26,868
PERCENT OF TOTAL EXPENDITURES, BY TYPE											
1950.....	100.0	(X)	(X)	21.0	10.6	8.8	29.2	28.4	.1	1.9	13.0
1960.....	100.0	(X)	(X)	36.9	7.8	8.5	10.5	33.7	.3	2.2	12.2
1965.....	100.0	(X)	(X)	36.4	8.1	8.1	7.8	36.4	.4	2.7	12.4
1970.....	100.0	(X)	(X)	37.5	11.3	6.8	6.2	34.9	.5	2.8	17.4
1975.....	100.0	(X)	(X)	42.4	14.2	6.1	5.9	27.9	1.1	2.4	17.8
1979, prel.....	100.0	(X)	(X)	45.2	15.1	5.7	4.8	25.3	1.4	2.5	20.1
PERCENT FEDERAL OF TOTAL											
1950.....	44.8	(X)	(X)	42.5	44.2	29.2	93.0	2.3	100.0	38.9	44.4
1960.....	47.7	(X)	(X)	74.1	51.6	38.9	98.0	4.9	81.2	36.6	45.6
1965.....	48.9	(X)	(X)	77.5	57.2	44.5	99.7	8.8	74.9	39.3	48.5
1970.....	53.0	(X)	(X)	82.7	58.5	48.2	98.6	11.6	82.9	54.5	65.4
1975.....	57.7	(X)	(X)	81.1	65.8	48.1	97.4	10.7	80.1	61.4	66.0
1979, prel.....	61.7	(X)	(X)	84.6	67.5	49.6	99.1	11.2	93.2	60.6	68.9

- Represents zero. X Not applicable. ¹Excludes program parts of social insurance, public aid, veterans, and other social welfare. ²Combines "Health and medical programs" with medical services included in social insurance, public aid, veterans, vocational rehabilitation, and antipoverty programs. ³Change from 1945.

Source: U.S. Social Security Administration, *Social Security Bulletin*, May 1980; earlier and forthcoming issues.

Social Welfare Expenditures

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NO. 519. PUBLIC AND PRIVATE EXPENDITURES FOR SOCIAL WELFARE: 1950 TO 1978

[In billions of dollars, except percent. See headnote, table 518. "Public" refers to Federal, State, and local governments; "private" to nongovernmental agencies]

TYPE OF EXPENDITURE	1950	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978, prel.
Total, net ¹	35.4	78.7	117.8	209.3	268.2	298.5	332.1	392.3	447.6	497.7	548.9
Public	23.5	52.3	77.2	145.9	191.4	213.9	239.4	290.1	332.0	361.6	394.5
Private	12.2	27.8	42.7	67.4	82.1	90.6	99.6	109.4	125.2	146.8	166.0
Income maintenance	10.7	29.8	42.6	72.5	98.7	112.3	126.4	152.5	177.6	194.4	209.2
Public ²	9.8	26.3	38.6	60.8	83.8	95.7	107.8	131.7	153.0	166.6	177.8
Private	1.0	3.5	6.0	11.7	14.8	16.6	18.7	20.9	24.6	27.8	31.4
Health	12.0	25.9	38.9	69.2	86.7	95.4	106.0	122.2	139.7	164.5	187.0
Public	3.1	6.4	9.5	25.4	33.5	36.7	41.5	50.9	59.0	67.3	76.2
Private	9.0	19.5	29.4	43.8	53.2	58.7	64.5	71.4	80.8	97.2	110.8
Education	11.0	21.8	34.1	61.7	73.1	80.5	87.1	96.5	109.5	116.2	124.1
Public	9.4	18.0	28.1	51.9	61.3	67.4	73.7	82.3	93.1	98.3	104.6
Private	1.6	3.7	6.0	9.9	11.8	12.7	13.4	14.2	16.4	17.9	19.5
Welfare and other services	2.0	2.7	4.3	9.8	15.0	16.8	19.3	24.6	30.4	33.2	40.2
Public ³	1.3	1.6	2.9	7.8	12.7	14.2	16.4	21.6	27.0	29.3	35.9
Private	.7	1.1	1.4	2.0	2.3	2.6	2.9	3.0	3.4	3.9	4.3
PERCENT PUBLIC											
Total ⁴	65.8	65.3	64.4	68.4	70.0	70.2	70.6	72.4	72.6	71.1	70.4
Income maintenance	91.0	88.1	86.0	83.9	85.0	85.2	85.2	86.3	86.1	85.7	85.2
Health	25.5	24.7	24.5	36.7	38.6	38.4	39.1	41.6	42.2	40.9	40.8
Education	85.3	82.8	82.5	84.0	83.9	84.2	84.6	85.3	85.0	84.6	84.3
Welfare and other services	65.8	59.1	68.0	79.6	84.7	84.5	85.0	87.8	88.8	88.4	89.3
PERCENT OF GNP ⁵											
Total, net ¹	13.4	15.8	17.9	21.8	24.1	24.1	24.4	26.7	27.5	27.1	26.9
Income maintenance	4.0	6.0	6.5	7.5	8.9	9.1	9.3	10.5	10.9	10.6	10.2
Health	4.5	5.2	5.9	7.2	7.8	7.7	7.8	8.4	8.6	9.0	9.2
Education	4.1	4.4	5.2	6.4	6.6	6.5	6.4	6.6	6.7	6.3	6.1
Welfare and other services	.8	.5	.7	1.0	1.4	1.5	1.4	1.7	1.9	1.8	2.0

¹ Total expenditures adjusted to eliminate duplication resulting from use of cash payments received under social welfare programs to purchase medical care and educational services. ² Includes cash benefits and administrative costs under social insurance, public assistance, supplemental security income, and veterans' and emergency employment programs. Excludes cost of medical services provided in conjunction with those programs and for other welfare programs. See Table 524. ³ Includes food stamps, surplus food for the needy and for institutions, child nutrition, institutional care, child welfare, economic opportunity and manpower programs, veterans' welfare services, vocational rehabilitation, and housing. ⁴ Before adjustment for elimination of duplication. ⁵ Gross national product; see text, p. 417.

Source: U.S. Social Security Administration, *Social Security Bulletin*, May 1980, and earlier issues.

NO. 520. SOCIAL WELFARE EXPENDITURES UNDER PUBLIC PROGRAMS, TOTAL AND PER CAPITA, IN ACTUAL AND 1979 DOLLARS: 1950 TO 1979

[See headnote, table 518. Per capita figures based on U.S. Bureau of the Census estimates of total U.S. population as of Jan. 1, including outlying areas, and Armed Forces and Federal civilian employees and dependents abroad]

YEAR	IN ACTUAL DOLLARS								IN 1979 DOLLARS				
	Total ¹ (bil- lions)	Per capita							Total ¹ (bil- lions)	Per capita			
		Total ^{1 2}	Social insur- ance	Edu- cation	Pub- lic aid	Health and med- ical	Vet- erans	All health and med- ical care		Total ^{1 2}	Social insur- ance	Edu- cation	Pub- lic aid
1950	23.4	153	32	43	16	13	44	20	66.7	435	92	124	38
1955	32.5	195	59	67	18	19	28	26	81.9	490	148	168	47
1960	52.1	285	105	96	22	24	30	35	117.6	644	238	218	55
1965	76.9	391	142	143	32	32	30	48	161.6	822	299	300	67
1970	145.5	701	262	245	79	48	43	122	255.2	1,230	460	430	84
1973	213.3	1,001	402	303	135	63	60	172	328.2	1,540	618	466	208
1974	238.7	1,111	458	328	147	70	65	193	332.4	1,547	638	457	205
1975	289.3	1,336	565	373	191	82	78	239	375.3	1,733	733	484	247
1976	331.6	1,521	666	402	223	89	86	275	408.9	1,875	821	496	275
1977	360.1	1,640	730	428	243	93	86	308	418.7	1,907	848	497	282
1978	393.5	1,776	786	458	268	103	88	347	428.1	1,932	856	499	292
1979 ³	427.4	1,912	863	484	289	110	91	389	427.4	1,912	863	484	289

¹ Excludes payments within foreign countries for education, veterans, OASDHI, and civil service retirement. ² Includes data for programs not shown separately. ³ Preliminary.

Source: U.S. Social Security Administration, *Social Security Bulletin*, May 1980, and earlier and forthcoming issues.

NO. 521. SOCIAL WELFARE EXPENDITURES, BY SOURCE

(In millions of dollars. See headnote, table 518, and *Historical Statistics*.)

PROGRAM	1960		1970		1974		1975	
	Fed- eral	State and local	Fed- eral	State and local	Fed- eral	State and local	Fed- eral	State and local
Total	24,957	27,337	77,337	68,519	137,191	102,206	167,436	122,612
Social insurance	14,307	4,999	45,246	9,446	82,832	16,169	99,715	23,298
Old-age, survivors, disability, health.....	11,032	(x)	36,835	(x)	66,287	(x)	78,430	(x)
Health insurance (Medicare).....	(x)	(x)	7,149	(x)	11,348	(x)	14,781	(x)
Public employee retirement ¹	1,520	1,050	5,517	3,142	10,785	5,893	13,339	6,780
Railroad employee retirement.....	935	(x)	1,610	(x)	2,693	(x)	3,085	(x)
Unemployment insurance and employment services ²	474	2,356	1,036	2,783	1,722	4,940	3,429	10,407
Other railroad employee insurance ³	284	(x)	100	(x)	57	(x)	74	(x)
State temporary disability insurance ⁴	(x)	348	(x)	718	(x)	915	(x)	990
Workers' compensation ⁵	63	1,245	148	2,803	1,287	4,422	1,357	5,122
Hospital and medical benefits.....	9	411	21	964	36	1,574	50	1,825
Public aid	2,117	1,984	9,649	6,839	20,388	11,133	27,205	14,122
Public assistance ⁶	2,058	1,984	7,594	6,839	13,307	10,520	14,547	12,832
Vendor medical payments (Medicaid) ⁷	200	293	2,607	2,606	5,833	4,539	7,056	6,445
Social services.....	(x)	(x)	522	191	1,563	592	1,963	660
Supplemental security income.....	(x)	(x)	(x)	(x)	2,219	613	4,802	1,290
Food stamps.....	(x)	(x)	577	(x)	2,839	(x)	4,694	(x)
Other ⁸	59	(x)	1,477	(x)	2,023	(x)	3,162	(x)
Health and medical programs	1,737	2,727	4,775	5,132	7,145	7,809	8,513	9,195
Hospital and medical care.....	984	1,870	2,045	3,268	3,757	4,457	4,239	5,168
Civilian programs.....	103	1,870	286	3,268	836	4,457	1,195	5,168
Defense Department ⁹	880	(x)	1,760	(x)	2,741	(x)	3,044	(x)
Maternal and child health programs.....	35	106	196	235	235	259	276	269
Medical research.....	426	23	1,485	150	2,000	222	2,360	286
Medical facilities construction.....	235	283	458	474	374	973	487	1,382
Defense Department.....	40	(x)	53	(x)	86	(x)	94	(x)
Other.....	57	445	590	1,004	959	1,898	1,151	2,090
Veterans programs	5,367	112	8,952	126	13,874	239	16,570	449
Pensions and compensation.....	3,403	(x)	5,394	(x)	6,777	(x)	7,578	(x)
Health and medical programs.....	954	(x)	1,784	(x)	2,984	(x)	3,517	(x)
Hospital and medical care.....	879	(x)	1,651	(x)	2,787	(x)	3,287	(x)
Medical construction.....	60	(x)	71	(x)	119	(x)	137	(x)
Medical and prosthetic research.....	15	(x)	62	(x)	78	(x)	93	(x)
Education.....	410	(x)	1,018	(x)	3,207	(x)	4,434	(x)
Life insurance ¹⁰	494	(x)	502	(x)	539	(x)	556	(x)
Welfare and other.....	107	112	253	126	368	239	485	449
Education ¹¹	868	16,758	5,876	44,970	7,042	63,492	8,629	72,234
Elementary and secondary.....	442	14,667	2,957	35,676	3,710	48,749	4,562	55,212
Construction ¹²	71	2,591	36	4,823	22	4,957	21	5,725
Higher.....	293	1,898	2,155	7,752	2,178	11,778	2,864	13,521
Construction.....	1	357	466	1,101	214	1,173	274	1,239
Vocational and adult ¹²	105	194	603	1,542	915	2,966	940	3,501
Housing	144	33	582	120	2,009	545	2,541	631
Other social welfare	417	723	2,259	1,886	3,902	2,819	4,264	2,683
Vocational rehabilitation.....	64	32	567	136	793	175	814	222
Medical services and research.....	18	7	137	27	154	31	174	44
Institutional care ¹³	21	400	22	179	25	260	20	276
Child nutrition.....	306	93	711	185	1,614	412	2,064	454
Child welfare ¹⁴	13	198	45	541	47	463	50	547
Special OEO and ACTION programs ¹⁵	(x)	(x)	753	(x)	767	(x)	638	(x)
Welfare, not elsewhere classified ¹⁶	12	(¹³)	161	845	657	1,510	677	1,184

X Not applicable. ¹ Excludes refunds to those leaving service. Federal data include military retirement. ² Includes compensation for Federal employees and ex-servicemen, trade adjustment and cash training allowance, and payments under extended, emergency, disaster, and special unemployment insurance programs. ³ Unemployment and temporary disability insurance. ⁴ Cash and medical benefits in 5 areas. ⁵ Benefits paid by private insurance carriers, State funds, and self-insurers. Beginning 1970, Federal includes black lung benefit programs. ⁶ Includes payments under State general assistance programs and, beginning 1970, work incentive activities, not shown separately. ⁷ Medical vendor payments are those made directly to suppliers of medical care. ⁸ Refugee assistance, surplus food for the needy, and work-experience training programs under the Economic Opportunity Act and the Comprehensive Employment and Training Act. ⁹ Includes medical care for military dependent families. ¹⁰ Excludes servicemen's group life insurance. ¹¹ Federal expenditures for administrative costs (Department of Education) and research not shown separately, but included in total.

OF FUNDS AND PUBLIC PROGRAM: 1960 TO 1979

Colonial Times to 1970, series H 1-47, for related but not comparable data]

1976		1977		1978		1979, prel.		PROGRAM
Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local	
197,407	134,978	218,407	142,519	240,121	154,261	264,186	164,215	Total.
119,600	26,103	134,745	26,139	147,252	27,683	163,744	29,844	Social insurance.
90,441	(x)	105,410	(x)	117,432	(x)	131,751	(x)	Old-age, survivors, disability, health.
17,777	(x)	21,549	(x)	25,189	(x)	29,155	(x)	Health insurance (Medicare).
15,664	7,777	17,833	8,663	20,145	9,791	22,739	11,035	Public employee retirement. ¹
3,500	(x)	3,819	(x)	4,020	(x)	4,311	(x)	Railroad employee retirement.
8,251	11,334	5,939	9,510	3,768	8,831	2,460	8,853	Unemployment insurance and employment services. ²
227	(x)	189	(x)	207	(x)	152	(x)	Other railroad employee insurance. ³
(x)	1,022	(x)	1,042	(x)	1,125	(x)	1,178	State temporary disability insurance. ⁴
1,518	5,969	1,554	6,924	1,681	7,936	2,331	8,778	Workers' compensation. ⁵
68	2,137	72	2,458	88	2,732	104	3,106	Hospital and medical benefits.
32,527	16,165	35,399	17,867	40,013	19,381	43,612	21,037	Public aid.
16,529	14,668	18,765	16,321	19,447	17,761	21,307	19,396	Public assistance. ⁶
8,896	7,308	9,713	8,493	10,579	9,817	12,116	11,286	Vendor medical payments (Medicaid). ⁷
2,111	688	2,461	756	2,130	710	2,284	761	Social services.
5,042	1,497	5,273	1,546	5,573	1,620	5,890	1,642	Supplemental security income.
5,700	(x)	5,472	(x)	5,140	(x)	6,478	(x)	Food stamps.
5,256	(x)	5,890	(x)	9,853	(x)	9,936	(x)	Other. ⁸
9,909	9,483	10,182	10,227	11,566	11,364	12,150	12,346	Health and medical programs.
4,662	4,851	4,932	4,711	5,626	5,044	6,219	5,409	Hospital and medical care.
1,556	4,851	1,603	4,711	2,056	5,044	2,291	5,409	Civilian programs.
3,106	(x)	3,329	(x)	3,570	(x)	3,291	(x)	Defense Department. ⁹
306	287	317	315	332	331	346	344	Maternal and child health programs.
2,990	312	3,034	350	3,588	393	3,803	422	Medical research.
674	1,531	644	1,567	808	1,370	463	1,204	Medical facilities construction.
230	(x)	301	(x)	221	(x)	215	(x)	Defense Department.
1,277	2,502	1,255	3,284	1,211	4,226	1,320	4,967	Other.
18,843	162	18,861	155	19,570	174	20,333	190	Veterans programs.
8,280	(x)	9,082	(x)	9,676	(x)	10,557	(x)	Pensions and compensation.
4,108	(x)	4,671	(x)	5,238	(x)	5,620	(x)	Health and medical programs.
3,802	(x)	4,321	(x)	4,855	(x)	5,228	(x)	Hospital and medical care.
212	(x)	245	(x)	270	(x)	276	(x)	Hospital construction.
94	(x)	104	(x)	112	(x)	117	(x)	Medical and prosthetic research.
5,351	(x)	3,926	(x)	3,406	(x)	2,815	(x)	Education.
564	(x)	607	(x)	614	(x)	638	(x)	Life insurance. ¹⁰
541	162	575	155	636	174	703	190	Welfare and other.
9,023	78,726	9,745	84,176	10,884	90,708	12,097	96,182	Education.¹¹
4,305	58,949	4,684	63,581	5,511	67,717	6,173	71,107	Elementary and secondary.
23	5,897	15	6,220	19	5,226	24	5,175	Construction. ¹²
3,572	15,170	3,864	16,167	4,056	17,816	4,506	19,605	Higher.
266	1,292	252	1,254	133	1,326	75	1,343	Construction.
898	4,607	883	4,429	958	5,175	1,030	5,470	Vocational and adult. ¹³
2,906	465	4,006	353	4,887	337	5,802	424	Housing.
4,598	3,874	5,470	3,602	5,949	4,614	6,449	4,192	Other social welfare.
937	253	973	279	1,007	291	1,040	270	Vocational rehabilitation.
173	43	208	48	227	51	225	53	Medical services and research.
17	305	18	342	20	390	56	388	Institutional care. ¹³
2,316	490	2,758	510	3,040	545	3,375	564	Child nutrition.
52	700	56	754	56	744	56	744	Child welfare. ¹⁴
572	(x)	749	(x)	881	(x)	897	(x)	Special OEO and ACTION programs. ¹⁵
704	2,126	915	1,718	945	2,644	1,026	2,226	Welfare, not elsewhere classified. ¹⁶

¹² Construction costs of vocational and adult education programs included under elementary-secondary expenditures.¹³ Federal expenditures represent primarily surplus foods for nonprofit institutions. 1960 State and local expenditures for welfare, n.e.c., included in institutional care. ¹⁴ Represents primarily child welfare services under title V of the Social Security Act.¹⁵ Includes domestic programs consolidated in 1972 under ACTION (former VISTA, Foster Grandparents, and other domestic volunteer programs) and OEO programs such as community action and migrant workers consolidated in 1974 under Community Services Administration.¹⁶ Federal expenditures include administrative expenses of the Secretary of Health and Human Services and of the Social and Rehabilitation Service; Indian welfare; and aging and juvenile delinquency activities. State and local include antipoverty and manpower programs, child care and adoption services, legal assistance, and other unspecified welfare services.Source: U.S. Social Security Administration, *Social Security Bulletin*, May 1980, and earlier and forthcoming issues.

NO. 522. FEDERAL OUTLAYS FOR INCOME SECURITY BENEFITS: 1970 TO 1980

[For years ending June 30 except, beginning 1977, ending September 30]

CATEGORY AND PROGRAM	BENEFITS (mil. dol.)							PERCENT	
	1970	1975	1976	1977	1978	1979	1980	1970	1980
Total benefits	60,209	139,638	164,639	179,656	195,376	215,453	271,216	100.0	100.0
Cash benefits.....	48,567	109,585	128,763	138,299	147,909	161,732	200,307	80.7	73.9
In-kind benefits.....	11,641	30,053	35,875	41,357	47,467	53,721	70,909	19.3	26.1
Cash benefits	48,567	109,585	128,763	138,299	147,909	161,732	200,307	100.0	100.0
Social security.....	29,045	62,469	71,362	82,406	90,738	101,000	118,559	59.8	59.2
Old-age, survivors insurance.....	26,267	54,839	62,140	71,271	78,524	87,572	103,227	54.1	51.5
Disability insurance.....	2,778	7,630	9,222	11,135	12,214	13,428	15,332	5.7	7.7
Federal employee benefits ¹	5,768	13,966	16,703	18,426	20,677	24,768	27,846	11.9	13.9
Military retirement.....	2,849	6,242	7,296	8,216	9,171	10,279	11,920	5.9	6.0
Civil service retirement.....	2,518	6,825	8,055	9,257	10,570	12,011	14,719	5.2	7.4
Veterans benefits ¹	5,340	8,140	8,734	9,562	10,151	11,026	11,797	11.0	5.9
Disability dependency and indemnity.....	2,974	4,680	5,154	5,722	6,159	6,745	7,434	6.1	3.7
Veterans pensions ²	2,255	2,739	2,859	3,113	3,239	3,521	3,585	4.6	1.8
Public assistance.....	3,868	8,672	9,803	10,059	10,921	10,601	13,720	8.0	6.9
Supplemental security income.....	(x)	4,081	4,440	4,618	5,234	4,782	6,411	(x)	3.2
Maintenance payments ³	3,868	4,592	5,363	5,442	5,687	5,819	7,308	8.0	3.7
Unemployment insurance ¹	2,886	12,221	17,612	12,928	10,251	8,977	17,918	5.9	9.0
State programs.....	2,793	11,958	16,413	12,339	9,368	8,585	15,211	5.8	7.6
Railroad retirement.....	1,586	3,034	3,445	3,768	3,988	4,218	4,722	3.3	2.4
Other programs ¹	74	1,063	1,105	1,149	1,183	1,142	⁴ 5,745	.2	2.9
Disabled coal miners.....	7	945	988	964	1,048	984	1,776	(z)	1.0
Assistance to refugees.....	50	70	67	134	85	112	226	.1	.1
In-kind benefits	11,641	30,053	35,875	41,357	47,467	53,721	⁵ 70,909	100.0	100.0
Food and nutrition ¹	1,590	6,468	7,714	8,278	8,500	10,205	13,978	13.7	19.7
Food stamps.....	551	4,357	5,266	5,028	5,133	6,443	9,117	4.7	12.9
Child nutrition ⁶	481	1,956	2,396	3,176	3,267	3,385	4,043	4.1	4.8
Health care.....	9,576	⁷ 21,518	25,696	30,674	36,067	⁷ 40,763	⁷ 49,989	82.3	70.5
Hospital insurance.....	4,804	10,355	12,267	14,906	17,513	19,898	24,288	41.3	34.3
Supplementary medical insurance.....	1,979	3,765	4,671	5,865	7,080	8,259	10,746	17.0	15.2
Medicaid.....	2,612	6,840	8,325	9,181	10,680	11,701	13,957	22.4	19.7
Military retirees care.....	181	548	633	721	794	869	966	1.6	1.4
Housing ⁸	475	2,072	2,264	2,405	2,900	2,753	5,404	4.1	7.6
Public housing.....	(NA)	1,312	1,392	1,271	1,701	1,440	1,360	(NA)	1.9

NA Not available. X Not applicable. Z Less than .05 percent. ¹ Includes other benefits not shown separately.² Includes survivors pensions. ³ Basically, aid to families with dependent children. ⁴ Includes Basic and Supplemental Educational Opportunity grants. ⁵ Includes low income energy assistance program. ⁶ Includes special milk programs. ⁷ Includes medical care for retired Public Health Service officers, not shown separately. ⁸ Includes rent and mortgage interest supplements.

NO. 523. FEDERAL BENEFITS FOR THE AGED, BY TYPE OF BENEFIT: 1971 TO 1981

[For years ending June 30 except, beginning 1977, ending Sept. 30]

TYPE OF BENEFIT	BENEFITS (bil. dol.)								PERCENT		
	1971	1975	1976	1977	1978	1979	1980	1981 ¹	1971	1980	1981 ¹
Total outlays	44.0	81.3	92.0	95.7	103.9	116.4	138.1	162.5	100.0	100.0	100.0
Cash benefits.....	34.2	64.7	73.0	72.8	76.9	85.2	101.3	119.2	77.7	73.4	73.4
Social security.....	27.1	51.8	58.6	56.6	62.9	69.0	81.2	96.8	61.6	58.8	59.6
Railroad employees.....	1.7	2.8	3.2	3.5	3.0	3.2	3.6	3.9	3.9	2.6	2.4
Federal civilian employees.....	2.9	5.5	6.4	7.1	5.0	6.2	7.8	8.8	5.2	5.7	5.4
Uniformed services members.....	.7	1.1	1.2	1.8	2.0	.8	1.8	2.1	1.6	1.3	1.3
Coal miners ²	.1	.2	.2	.3	.3	1.1	1.3	1.4	.2	.9	.9
Supplemental security income.....	³ 1.4	1.8	1.8	1.7	1.9	1.7	2.3	2.5	³ 3.2	1.7	1.5
Veterans pensions ⁴	.9	1.5	1.6	1.8	1.8	3.2	3.3	3.7	2.0	2.4	2.3
In-kind benefits	9.8	16.6	19.0	22.9	27.0	31.2	36.8	43.3	22.3	26.7	26.7
Medicare.....	7.5	12.8	15.0	18.3	21.5	24.6	29.3	34.5	17.0	21.2	21.2
Medicaid.....	1.9	2.6	3.0	3.3	3.8	4.3	4.7	5.4	4.3	3.4	3.3
Food stamps.....	.2	1.0	.6	.6	.5	.5	.5	.6	.5	.4	.4
Subsidized public housing.....	.2	.4	.4	.8	1.1	1.6	2.3	2.8	.5	1.7	1.7

¹ See footnote 7, table 416.² Prior to 1979, represents benefit for coal miners' widows only.³ Represents Federal grants to States for aid to the aged, blind, and disabled.⁴ Includes other veterans' compensation for aged beginning 1979.Source of tables 522 and 523: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual; and unpublished data.

NO. 524. PUBLIC INCOME-MAINTENANCE PROGRAMS—CASH BENEFIT PAYMENTS: 1960 TO 1979

[Includes payments outside the United States and benefits to dependents, where applicable]

PROGRAM	PAYMENTS (bil. dol.)										PERCENT	
	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1970	1979
Total ¹	25.9	36.6	64.5	96.1	112.7	139.9	152.7	163.6	173.6	193.2	100.0	100.0
Percent of personal income ²	6.5	6.8	8.0	9.1	9.8	11.1	11.0	10.6	10.1	9.9	(x)	(x)
Federal	20.7	30.7	50.3	77.6	91.4	109.2	123.5	134.6	139.2	155.6	78.0	80.5
State and local	4.9	5.4	13.6	17.8	20.7	29.6	28.3	28.4	34.4	37.6	21.1	19.5
OASDHI ³	11.1	18.1	31.6	51.1	58.2	66.6	75.3	84.3	92.5	104.0	49.0	53.8
Public employee retirement ⁴	2.6	4.6	9.2	14.7	17.8	21.3	24.5	27.4	30.5	34.3	14.3	17.8
Railroad retirement	.9	1.1	1.8	2.6	2.8	3.3	3.6	3.8	4.0	4.4	2.8	2.3
Veterans' pensions, compensation	3.4	4.2	5.5	6.4	7.1	7.7	8.4	9.1	9.6	10.6	8.5	5.6
Unemployment benefits	3.0	2.5	4.2	4.6	7.0	18.3	16.7	13.4	9.9	9.9	6.8	5.2
Temporary disability benefits	.4	.5	.7	.8	.9	.9	1.0	1.0	1.0	1.1	1.1	.6
Workers' compensation ⁵	.9	1.2	2.0	3.6	4.0	4.6	5.2	5.8	6.8	8.5	3.1	4.5
Public assistance ⁶	3.3	4.0	8.9	11.4	8.9	10.6	11.4	11.9	12.0	12.4	13.8	6.4
Supplemental security income ⁶	(x)	(x)	(x)	(x)	5.2	5.9	6.1	6.3	6.6	7.2	(x)	3.7

X Not applicable. ¹Includes lump sum death benefits, not shown separately. ²For base data, see table 712. ³Old-age, survivors, disability, and health insurance under Federal Social Security Act; see text, p. 315. ⁴Excludes refunds of contributions to employees who leave service. ⁵Includes black lung benefits. ⁶Beginning 1974, Federal grants to States for aid to aged, blind, and disabled replaced by supplemental security income programs; see text, p. 316.

Source: U.S. Social Security Administration, *Social Security Bulletin*, monthly and unpublished data.

NO. 525. HOUSEHOLDS RECEIVING SELECTED PUBLIC NONCASH BENEFITS, BY POVERTY STATUS AND TYPE OF INCOME: 1979

[Households as of March 1980. Covers civilian noninstitutional population, including persons in the Armed Forces living off post or with their families on post. Based on Current Population Survey; see text, p. 1. Noncash benefits are those benefits received in a form other than money which serve to enhance or improve the economic well-being of the recipient. Public noncash benefits covered are food stamps, free or reduced-price school lunch, Medicare, Medicaid, and public or subsidized housing. There are general trends toward under-estimation of noncash beneficiaries. Households are classified according to poverty status of family or nonfamily householder. For explanation of poverty level, see text, p. 418 and table 744. HHlds-households]

TYPE OF BENEFIT RECEIVED	HOUSEHOLDS RECEIVING NONCASH BENEFITS						RECIPIENT HHlds. ALSO RECEIVING CASH BENEFIT (1,000)		
	Number (1,000)			Percent distribution			Public assistance ¹	Social Security	Unemployment compensation
	Total	Below poverty level	Above poverty level	Total	Below poverty level	Above poverty level			
Households receiving at least one noncash benefit	27,190	6,925	20,265	100.0	100.0	100.0	3,799	17,935	1,574
Receiving one program only	18,497	2,627	15,869	68.0	37.9	78.3	626	13,522	1,016
Medicare only	13,835	1,548	12,287	50.9	22.4	60.6	78	12,984	369
School lunch only	2,008	346	1,662	7.4	5.0	8.2	9	193	256
Medicaid only	1,210	334	876	4.5	4.8	4.3	464	177	139
Food stamps only	919	310	609	3.4	4.5	3.0	69	103	215
Public housing only	525	90	434	1.9	1.3	2.1	6	55	38
Receiving two programs only	5,484	2,127	3,357	20.2	30.7	16.6	1,329	3,133	381
Medicare and Medicaid only	2,269	561	1,709	8.3	8.1	8.4	164	1,948	76
Food stamps and Medicaid	1,162	706	456	4.3	10.2	2.3	890	101	114
Food stamps and school lunch only	538	292	246	2.0	4.2	1.2	23	56	109
Public housing and Medicare only	524	153	371	1.9	2.2	1.8	2	515	3
Other combinations	991	416	576	3.7	6.0	2.8	249	512	80
Receiving three or more programs	3,209	2,170	1,039	11.8	31.3	5.1	1,845	1,281	177
Food stamps, school lunch, and Medicaid only	1,049	756	293	3.9	10.9	1.4	944	110	88
Food stamps, Medicare, and Medicaid only	669	443	226	2.5	6.4	1.1	133	523	20
Other combinations	1,491	971	520	5.5	14.0	2.6	767	648	69

¹Covers households receiving money from Aid to Families with Dependent Children program, general assistance program or other welfare programs. Supplemental security income is not considered a public assistance benefit for purposes of this table.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 110.

NO. 526. SOCIAL INSURANCE AND RELATED PROGRAMS—CASH BENEFICIARIES AND BENEFITS, BY PROGRAM: 1965 TO 1979

[OASDHI=Old-age, survivors, disability, and health insurance, Federal programs under Social Security Act; see p. 315. Partly estimated. Includes some beneficiaries and benefit payments for some programs in outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series H 125-171]

PROGRAM	BENEFICIARIES ¹ (1,000)					AMOUNT OF BENEFITS (mil. dol.)				
	1965	1970	1975	1978	1979	1965	1970	1975	1978	1979
Total	(X)	(X)	(X)	(X)	(X)	32,571	55,609	123,431	155,386	(NA)
Percent of personal income	(X)	(X)	(X)	(X)	(X)	6.1	6.9	9.8	9.1	(NA)
Retirement ²	(X)	(X)	(X)	(X)	(X)	16,787	29,401	61,757	86,238	(NA)
OASDHI	13,918	16,870	20,015	21,831	22,421	12,542	21,075	42,645	59,301	67,076
Public employee retirement	1,472	2,204	3,124	3,863	(NA)	3,520	7,209	17,145	24,520	(NA)
Federal civil service	359	477	732	825	857	897	1,849	5,229	7,360	8,459
Other Federal employee ³	368	642	912	1,079	1,194	1,233	2,700	6,071	8,524	(NA)
State and local government	725	1,085	1,480	1,959	(NA)	1,390	2,660	5,845	8,636	(NA)
Railroad retirement	498	553	579	594	593	705	1,113	1,966	2,417	2,628
Veterans Admin. programs ⁴	14	3	1	(X)	(X)	20	4	1	(X)	(X)
Disability ^{2 4}	(X)	(X)	(X)	(X)	(X)	7,041	11,001	21,883	30,911	(NA)
OASDHI	1,654	2,573	4,142	4,866	4,823	1,573	3,067	8,414	12,513	13,708
Public employee retirement	326	419	526	650	(NA)	751	1,312	2,702	3,904	(NA)
Federal civil service	149	185	258	323	333	279	518	1,307	2,112	2,414
Other Federal employee ³	108	148	163	157	155	318	538	905	1,080	1,158
State and local government	69	86	105	169	(NA)	155	255	490	712	(NA)
Railroad retirement	102	95	102	100	97	149	219	403	472	511
Veterans Admin. programs ⁴	3,203	3,178	3,226	3,273	3,242	3,026	3,931	5,593	7,113	7,920
Workers' compensation	(NA)	(NA)	(NA)	(NA)	(NA)	1,074	1,674	3,248	5,223	6,104
Black lung benefit program	(X)	25	333	281	260	(X)	77	595	592	1,033
Temporary disability:										
State insurance ⁵	149	181	176	175	(NA)	426	665	890	1,027	1,100
Railroad insurance	24	25	14	18	17	41	56	48	67	61
Survivor monthly benefits	(X)	(X)	(X)	(X)	(X)	5,872	10,272	20,699	27,392	(NA)
OASDHI	4,681	6,369	7,302	7,651	7,591	3,979	7,428	15,526	20,707	23,140
Public employee retirement	⁶ 319	⁶ 427	⁶ 560	⁶ 783	(NA)	324	645	1,449	2,111	(NA)
Federal civil service	220	297	382	416	427	191	429	975	1,425	1,625
Other Federal employee ³	7	10	32	56	84	9	16	84	178	234
State and local government	92	120	145	290	(NA)	125	200	390	508	(NA)
Railroad retirement	288	324	338	335	333	278	424	914	1,132	1,224
Veterans Admin. programs ⁴	1,900	2,284	2,258	2,138	1,983	1,150	1,545	2,084	2,482	2,650
Workers' compensation	(NA)	(NA)	(NA)	(NA)	(NA)	140	197	365	531	600
Black lung benefit program	(X)	2	152	159	159	(X)	33	360	429	565
Lump-sum payments	(X)	(X)	(X)	(X)	(X)	421	582	808	829	(NA)
OASDHI	(X)	(X)	(X)	(X)	(X)	217	294	337	344	340
Public employee retirement	(X)	(X)	(X)	(X)	(X)	125	189	321	334	(NA)
Federal civil service	(X)	(X)	(X)	(X)	(X)	18	23	20	28	21
Other Federal employee	(X)	(X)	(X)	(X)	(X)	1	1	1	2	2
State and local government	(X)	(X)	(X)	(X)	(X)	105	165	300	304	(NA)
Railroad retirement	(X)	(X)	(X)	(X)	(X)	22	26	25	16	15
Veterans Admin. programs ⁷	(X)	(X)	(X)	(X)	(X)	57	73	124	135	151
Unemployment	(X)	(X)	(X)	(X)	(X)	2,452	4,353	16,285	10,016	(NA)
State unemployment insurance ⁸	1,188	1,620	3,515	2,028	2,123	2,283	4,184	18,188	9,891	(NA)
Railroad unemployment insurance	31	18	26	25	18	60	39	89	125	82
Training allowances ⁹	75	60	(X)	(X)	(X)	108	131	7	(X)	(X)

NA Not available. X Not applicable. ¹ For old-age, survivors, disability, and health insurance, average monthly number; for public employee retirement systems, veterans' programs, and the black lung benefit program, number on rolls June 30; for railroad retirement program, number on rolls June 30 through 1975, Sept. 30 beginning 1978; for State unemployment and temporary disability insurance, average weekly number; for railroad unemployment and temporary disability insurance, average number during 14-day registration period; Area Redevelopment Act and Manpower Development and Training Act programs, number on rolls Dec. 31. ² Includes benefits to dependents where applicable. ³ Benefits for career military personnel (those with 20 years' service) are paid by the U.S. Dept. of Defense and are included under "Other Federal employee". ⁴ Excludes payments for medical care. ⁵ Payable in Calif., N.J., N.Y., R.I., and Puerto Rico under public and private plans. Data for beneficiaries in N.J. not available. ⁶ For Federal programs under the Uniformed Services Contingency Option Act of 1953 and for State and local government retirement systems, number represents families. ⁷ Lump sums are for burial of deceased veterans. ⁸ Includes payments made by the States as agents of the Federal Government under the Federal employees' unemployment compensation program and under the Ex-Servicemen's Compensation Act of 1958, and payment under the extended unemployment insurance programs, the Trade Expansion Act of 1962, and the Disaster Relief Act of 1970. Beneficiaries relate to regular State unemployment insurance, Federal employee, and ex-servicemen programs only. Includes Puerto Rico. ⁹ Area Redevelopment Act of 1961 (Nov. 1961-June 1966) and Manpower Development and Training Act of 1962 (Aug. 1962-June 1975).

Source: U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*, and unpublished data.

No. 527. HOUSEHOLDS RECEIVING PUBLIC NONCASH BENEFITS, BY TYPE OF BENEFIT AND INCOME LEVEL: 1979

[Households as of March 1980. See headnote, table 525. Persons of Spanish origin may be of any race. Metropolitan areas refers to 243 Standard Metropolitan Statistical Areas as defined in 1970 census reports. For composition of regions, see fig. 1, inside front cover. For definitions of household types, see text, p. 3-4. Hhlds.=households]

TYPE OF BENEFIT AND CHARACTERISTIC	RECIPIENT HOUSEHOLDS (1,000)							RECIPIENT HHDS. AS PERCENT OF TOTAL		
	Total	Total money income				Below pov- erty level	Above pov- erty level	Total	Below pov- erty level	Above pov- erty level
		Under \$5,000	\$5,000- \$9,999	\$10,000- \$14,999	\$15,000 and over					
MEDICARE										
Total households¹	18,526	5,264	5,357	3,152	4,754	3,330	15,196	23.4	34.9	21.8
White	16,508	4,410	4,807	2,912	4,379	2,571	13,937	23.8	37.6	22.9
Black	1,823	803	499	220	302	734	1,089	21.7	29.2	16.5
Spanish origin	474	162	133	77	100	140	334	12.7	18.0	11.3
Inside metropolitan areas	11,751	3,082	3,293	1,990	3,388	1,737	10,015	21.7	29.6	20.8
Inside central cities	5,732	1,776	1,605	907	1,445	1,055	4,678	24.2	29.5	23.2
Outside central cities	6,019	1,306	1,687	1,083	1,942	682	5,337	19.8	29.7	19.0
Outside metropolitan areas	6,774	2,182	2,064	1,162	1,366	1,593	5,181	27.0	43.3	24.2
Northeast	4,404	1,101	1,294	768	1,241	574	3,830	25.2	30.2	24.6
North Central	4,788	1,284	1,489	845	1,171	789	3,999	22.9	35.4	21.4
South	6,199	2,032	1,718	990	1,459	1,577	4,621	24.3	40.4	21.4
West	3,135	847	857	549	882	388	2,746	20.6	25.7	20.1
Married-couple families	8,856	837	2,585	2,038	3,397	750	8,106	18.4	29.1	17.8
Female family householder ²	1,738	252	488	383	614	271	1,467	20.4	10.5	24.6
Nonfamily households	7,418	4,107	2,174	612	523	2,244	5,174	35.9	53.1	31.4
MEDICAID										
Total households¹	7,993	3,491	2,087	990	1,425	3,799	4,194	10.1	39.8	6.0
White	5,403	2,234	1,419	675	1,074	2,236	3,167	7.8	32.7	5.1
Black	2,417	1,195	626	291	304	1,489	928	28.8	59.2	15.8
Spanish origin	726	319	212	83	112	408	318	19.5	52.4	10.8
Inside metropolitan areas	5,457	2,283	1,432	677	1,066	2,489	2,968	10.1	42.4	6.2
Inside central cities	3,291	1,563	850	361	517	1,720	1,570	13.9	48.1	7.8
Outside central cities	2,166	720	582	317	549	769	1,398	7.1	33.5	5.0
Outside metropolitan areas	2,536	1,208	657	313	359	1,310	1,226	10.1	35.6	5.7
Northeast	1,947	805	578	238	327	941	1,007	11.2	49.6	6.5
North Central	1,881	753	540	229	359	846	1,035	9.0	37.9	5.5
South	2,492	1,294	547	308	344	1,464	1,028	9.8	37.5	4.8
West	1,673	640	422	217	395	548	1,124	11.0	36.2	8.2
Married-couple families	2,613	494	759	473	889	742	1,871	5.4	28.8	4.1
Female family householder ²	2,893	1,300	931	358	303	1,763	1,131	33.9	68.5	19.0
Nonfamily households	2,207	1,642	329	107	127	1,224	983	10.7	28.9	6.0
FOOD STAMPS										
Total households¹	5,911	2,825	1,734	756	595	3,575	2,336	7.5	37.4	3.4
White	3,726	1,701	1,078	504	443	2,088	1,638	5.4	30.5	2.6
Black	2,086	1,077	630	238	141	1,425	661	24.8	56.7	11.2
Spanish origin	619	274	213	71	80	417	202	16.6	53.5	6.8
Inside metropolitan areas	3,822	1,772	1,146	482	422	2,270	1,552	7.1	38.7	3.2
Inside central cities	2,487	1,261	738	267	220	1,580	907	10.5	44.2	4.5
Outside central cities	1,335	511	407	215	203	690	645	4.4	30.1	2.3
Outside metropolitan areas	2,088	1,053	587	274	173	1,305	783	8.3	35.5	3.7
Northeast	1,359	585	469	173	131	796	563	7.8	41.9	3.6
North Central	1,251	616	347	161	128	739	512	6.0	33.1	2.7
South	2,401	1,250	646	296	209	1,567	834	9.4	40.1	3.9
West	900	375	271	126	127	473	427	5.9	31.2	3.1
Married-couple families	1,917	478	687	394	357	853	1,064	4.0	33.2	2.3
Female family householder ²	2,475	1,220	851	274	129	1,696	779	29.0	65.9	13.1
Nonfamily households	1,402	1,093	162	62	87	972	430	6.8	23.0	2.6
SCHOOL LUNCH³										
Total households¹	4,929	1,121	1,590	1,144	1,075	2,104	2,826	17.9	60.8	11.7
White	3,051	585	951	750	767	1,125	1,926	17.1	52.5	9.1
Black	1,758	511	611	357	278	929	829	47.8	75.9	33.8
Spanish origin	701	146	243	156	155	317	384	37.6	70.4	27.1
Inside metropolitan areas	3,062	713	1,016	680	652	1,343	1,718	16.6	60.5	10.6
Inside central cities	1,836	500	631	364	341	908	929	25.8	66.5	16.2
Outside central cities	1,225	213	384	316	311	436	790	10.8	51.0	7.6
Outside metropolitan areas	1,868	408	574	464	423	761	1,107	20.5	61.2	14.0
Northeast	1,032	199	375	241	217	437	595	17.3	59.6	11.4
North Central	954	245	277	202	230	409	545	13.1	54.1	8.4
South	2,189	538	690	527	433	976	1,213	23.4	68.3	15.3
West	754	138	249	172	195	282	472	15.2	51.8	10.7
Married-couple families	2,397	220	658	692	826	687	1,710	11.4	52.6	8.7
Female family householder ²	2,331	858	870	397	206	1,343	988	43.3	68.9	28.7
Nonfamily households	76	13	26	21	16	26	51	19.1	23.4	17.4

¹Includes items not shown separately. ²No spouse present. ³Covers households with members 5-18 years old.
Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 110.

**NO. 528. SELECTED SOCIAL INSURANCE PROGRAMS—PAID EMPLOYMENT BY COVERAGE STATUS:
1950 TO 1979**

[In millions, except percent. Prior to 1960, excludes Alaska and Hawaii. OASDHI—Old-age, survivors, disability, and health insurance. Represents civilian noninstitutional population (1950–1965 14 years old and over, and beginning 1970, 16 and over) and Armed Forces. Average employment data based on calendar week in March, June, September, and December for which Current Population Survey was taken, except as noted; see text, p. 1. Coverage status generally determined on basis of job with greatest number of hours worked during survey week. See also *Historical Statistics, Colonial Times to 1970*, series H 51–56 and H 186–196]

COVERAGE STATUS	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Paid average employment	60.0	64.5	67.5	73.6	80.6	85.9	87.1	86.2	89.0	92.2	93.9	98.6
Covered by OASDHI ¹	38.7	55.0	59.4	65.6	71.8	76.9	78.0	77.4	80.3	83.0	84.6	89.3
Percent of paid employment	64.5	85.3	88.0	89.1	89.1	89.5	89.6	89.8	90.2	90.0	90.1	90.6
Wage and salary	38.7	48.3	52.6	59.4	65.9	70.7	71.7	71.3	74.0	76.7	78.0	82.4
Self-employed ²	(x)	6.7	6.8	6.2	5.9	6.2	6.3	6.1	6.3	6.4	6.7	
Not covered by OASDHI	21.3	9.5	8.1	8.0	8.9	9.0	9.1	8.8	8.7	9.2	9.3	6.9
Excluded by Federal law	21.3	9.5	8.1	8.0	8.9	9.0	9.1	8.8	8.7	9.2	9.3	6.9
Federal civilian	1.7	1.8	2.0	2.2	2.5	2.3	2.5	2.3	2.3	2.5	2.5	2.5
Nonfarm self-employed	6.2	1.5	1.3	1.1	9	8	7	8	8	8	8	8
Domestic service	2.0	8	9	9	9	8	8	8	8	8	8	8
Other ³	11.4	1.7	1.3	1.4	1.2	1.0	1.1	9	1.0	1.4	1.5	1.4
Permitted by Federal law ⁴	(x)	3.7	2.6	2.4	3.4	4.1	4.0	4.1	4.0	3.8	3.8	3.8
Civilian workers covered by ⁵ —												
Retirement systems	43.1	57.8	60.5	67.7	74.8	81.5	81.3	81.7	85.7	89.5	(NA)	(NA)
OASDHI ⁶	37.1	51.8	55.7	62.8	69.2	75.6	75.2	75.7	79.7	83.5	(NA)	(NA)
Railroad retirement	1.6	1.3	9	8	6	6	6	5	5	5	6	6
Public employment ⁷	4.4	4.7	3.9	4.1	5.0	5.3	5.5	5.5	5.5	5.5	5.5	5.5
Workers' compensation	38.7	42.9	44.6	52.5	69.0	68.0	67.8	68.6	70.9	74.2	78.1	(NA)
Unemployment insurance ⁸	38.0	41.7	43.7	50.3	55.8	69.0	69.5	69.7	72.1	75.8	82.9	(NA)
Temporary disability insurance ⁹	10.3	11.2	11.3	13.3	14.6	16.0	15.7	16.7	16.2	16.7	18.0	(NA)

NA Not available. X Not applicable. ¹ Includes railroad employees and all persons covered by Federal law except those on a group-elective or individual voluntary basis for whom coverage has not been arranged. ² Estimates based on number expected to report earnings at end of year. ³ Farm workers, self-employed farmers, State and local government employees, employees of nonprofit organizations, and some additional small groups. ⁴ Persons whose coverage was authorized, but not arranged on a group-elective or individual voluntary basis, such as employees of State and local governments and self-employed farmers who were eligible to report a percentage of gross earnings rather than net earnings. ⁵ As of December. ⁶ Excludes railroad employees and Armed Forces. ⁷ Excludes persons covered under both a government retirement system and OASDHI. ⁸ State, railroad, and Federal employee programs. ⁹ State and railroad programs. Excludes government employees covered by sick-leave provisions.

**NO. 529. SELECTED SOCIAL INSURANCE PROGRAMS—ESTIMATED PAYROLLS OF COVERED
EMPLOYMENT IN RELATION TO WAGES AND SALARIES: 1950 TO 1978**

[In billions of dollars, except percent. OASDHI: Old-age, survivors, disability, and health insurance, Federal programs under Social Security Act; see text, p. 315. 1950 excludes Alaska and Hawaii, except that small amount of taxable wages included in railroad payrolls; data for Federal civilian and military personnel cover all areas. Gross amount before deduction of social insurance contributions. See also *Historical Statistics, Colonial Times to 1970*, series H 67–69]

PROGRAM	1950	1960	1965	1970	1973	1974	1975	1976	1977	1978
Total earnings ¹	186	319	419	615	796	854	896	984	1,087	1,222
All wages and salaries ¹	147	272	362	549	703	766	806	880	984	1,105
Civilian	142	262	349	528	681	743	783	867	959	1,078
Payrolls covered by:										
Retirement programs ²	129	261	343	528	682	745	783	(NA)	(NA)	(NA)
OASDHI ³ ⁴	109	234	309	480	620	678	713	793	883	990
Railroad retirement ⁵	5	6	6	6	8	8	8	9	10	11
Federal civil service	6	12	16	26	32	34	37	39	43	48
State and local government	8	20	31	53	74	81	87	95	106	112
Unemployment insurance ⁶	108	215	283	421	589	652	688	769	853	1,056
Workers' compensation program ⁷	114	220	292	437	563	625	672	750	817	918
Net earnings in self-employment covered by OASDHI ⁸	(x)	29	40	48	63	66	69	80	87	95
Percent of civilian payrolls covered by—										
OASDHI ³ ⁷	77.2	89.6	88.4	90.9	91.1	91.3	91.1	91.7	89.8	(NA)
Railroad retirement ⁵	3.8	2.2	1.6	1.2	1.2	1.1	1.1	1.1	1.1	1.0
Federal civil service retirement	4.3	4.5	4.7	5.0	4.7	4.6	4.7	4.5	4.5	4.4
State and local government retirement	5.6	7.8	9.0	10.1	10.9	10.9	11.1	10.9	11.0	10.4
Unemployment insurance ⁶	76.3	82.3	81.0	79.7	86.6	87.8	87.8	88.7	88.9	87.9
Workers' compensation programs ⁵	80.1	84.1	83.6	82.8	82.7	84.1	85.8	86.6	85.2	85.1

NA Not available. X Not applicable. ¹ Data from U.S. Bureau of Economic Analysis. Earnings include self-employed; wages and salaries represent civilian and military pay in cash and in kind. ² Beginning 1960 adjusted for duplication in coverage by both OASDHI and State and local government retirement systems. ³ Taxable plus estimated nontaxable wages and salaries. ⁴ Beginning 1960, includes Armed Forces in all areas. ⁵ Payrolls of employers insured with private carriers, State funds, or self-insured, and pay covered by Federal programs in all areas. ⁶ Effective 1960. ⁷ Percent computed after excluding Armed Forces payroll covered by OASDHI.

Sources of tables 528 and 529: U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*, and unpublished data.

NO. 530. POPULATION 65 YEARS OLD AND OVER, 1960 TO 1980, AND SOCIETAL DEPENDENCY RATIOS, 1950 TO 1980

[In millions, except as indicated. As of April, except as indicated, includes Armed Forces overseas. Societal dependency ratios represent essentially the relative burden of older "dependents" on "productive" persons, defined either by age or economic status]

AGE GROUP	1960 ¹	1970	1980	DEPENDENCY RATIO	1950	1960	1970	1980
65 years and over.....	16.7	20.0	25.5	Persons, 65 years old and over, per				
Percent, all ages.....	9.2	9.8	11.3	100 persons, 18-64 years old.....	¹ 13	¹ 17	17	19
65-69 years.....	6.3	7.0	8.8	Persons, 60 years old and over, per				
70-74 years.....	4.8	5.4	6.8	100 persons, 20-59 years old.....	¹ 23	¹ 27	29	30
75-79 years.....	3.1	3.8	4.8	Nonworkers, 60 years old and over,				
80-84 years.....	1.6	2.3	2.9	per 100 workers, 20-59 years old ² ...	25	² 28	³ 30	³ 30
85 years and over.....	.9	1.4	2.2					

¹ As of July. ² Nonworkers are persons not in labor force and workers are persons in civilian labor force. ³ Labor force data are monthly averages based on the Current Population Survey; see text, p. 1.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 59; series P-25, No. 519; *1980 Census of Population*, Supplementary Reports, series PC80-S1-1; and unpublished data.

NO. 531. SOCIAL SECURITY (OASDHI)—COVERED EMPLOYMENT AND EARNINGS: 1950 TO 1978

[Beginning 1960, includes Puerto Rico and Virgin Islands and, beginning 1965, American Samoa and Guam. OASDHI: Old-age, survivors, disability, and health insurance. Represents all reported employment. See also *Historical Statistics, Colonial Times to 1970*, series H 172-185]

ITEM	Unit	1950	1960	1965	1970	1973	1974	1975	1976	1977	1978
Living covered workers ¹	Million.....	80.8	107.4	118.1	133.5	140.6	142.9	145.2	148.3	150.9	153.2
With insured status ²	Million.....	45.7	79.7	93.6	106.9	114.8	118.0	121.4	124.6	127.2	130.1
With uninsured status.....	Million.....	35.1	27.7	24.5	26.7	25.8	24.9	23.8	23.7	23.7	23.1
New entrants into covered employment.....	Million.....	2.5	3.1	4.6	4.4	5.7	4.9	4.1	4.7	5.0	(NA)
Workers reported with—											
Taxable earnings ³	Million.....	48	73	81	93	100	101	100	103	106	111
Maximum earnings.....	Million.....	14	20	29	24	20	15	15	15	16	16
Earnings in covered employment.....	Bil. dol.....	110	265	352	532	687	747	787	878	975	1,090
Reported taxable ³	Bil. dol.....	88	207	251	416	562	637	665	738	814	916
Percent of total.....	Percent.....	79.7	78.1	71.3	78.2	81.8	85.3	84.5	84.1	83.5	84.0
Average per worker:											
Total earnings.....	Dollar.....	2,274	3,656	4,359	5,711	6,879	7,369	7,854	8,519	9,193	9,793
Taxable earnings ³	Dollar.....	1,812	2,854	3,108	4,464	5,628	6,284	6,834	7,161	7,672	8,228
Employers reporting taxable wages.....	1,000.....	3,350	5,670	6,090	5,690	5,760	5,750	5,720	5,840	5,920	(NA)

NA Not available. ¹ Estimated number of persons who had covered employment at any time during the period 1937 to year shown; not adjusted to reflect effect of (a) provision that coordinate the OASDHI and railroad retirement programs and (b) wage credits for military service. Only partially adjusted to eliminate duplicate count of persons with taxable earnings reported on more than 1 account number; effect of such duplication is substantially less significant for the insured than for the uninsured. ² Fully or currently insured for retirement and/or survivor benefits. ³ Beginning 1960, includes self-employment. See table 545 for maximum taxable earnings.

Source: U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*, and unpublished data.

NO. 532. SOCIAL SECURITY (OASDHI)—EFFECT ON CONTRIBUTIONS OF CHANGES IN THE TAX RATE AND WAGE BASE: 1958 TO 1982

[OASDHI=Old-age, survivors, disability, and health insurance programs. Effect of changes represents first full-year effect on contributions of changes in taxable wage base and combined tax rate]

YEAR	Workers taxable wage base (dol.)	Combined ¹ tax rate (percent)	EFFECT OF CHANGES (bil. dol.)			YEAR	Workers taxable wage base (dol.)	Combined ¹ tax rate (percent)	EFFECT OF CHANGES (bil. dol.)		
			Total	In wage base	In tax rate				Total	In wage base	In tax rate
1958.....	4,200	4.50	(²)	(²)	(²)	1972.....	9,000	(²)	2.9	2.9	(²)
1959.....	4,800	5.00	1.5	.6	.9	1973.....	10,800	11.70	10.8	4.6	6.2
1960.....	(²)	6.00	1.9	(²)	1.9	1974.....	13,200	(²)	3.9	3.9	(²)
1962.....	(²)	6.25	.5	(²)	.5	1975.....	14,100	(²)	1.4	1.4	(²)
1963.....	(²)	7.25	2.1	(²)	2.1	1976.....	15,300	(²)	2.1	2.1	(²)
1966.....	6,600	8.40	6.2	3.4	2.8	1977.....	16,500	(²)	2.1	2.1	(²)
1967.....	(²)	8.80	1.2	(²)	1.2	1978.....	17,700	12.10	5.6	2.1	3.5
1968.....	7,800	(²)	2.1	2.1	(²)	1979.....	22,900	12.26	9.5	8.0	1.6
1969.....	(²)	9.60	3.0	(²)	3.0	1980.....	25,900	(²)	3.6	3.6	(²)
1971.....	(²)	10.40	3.2	(²)	3.2	1981.....	29,700	13.30	16.7	4.0	12.7
						1982.....	³ 32,100	13.40	³ 4.1	³ 2.7	³ 1.4

¹ Employee and employer contribute equally. ² No increase occurred. ³ Estimated.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, February 1978, and unpublished data. Data from U.S. Social Security Administration.

No. 533. SOCIAL SECURITY (OASDHI)—CONTRIBUTION RATES: 1960 TO 1984

[As of January 1, except as noted. OASDI = Old-age, survivors, and disability insurance; HI = Hospital insurance]

YEAR	Annual maximum taxable earnings (dol.)	Maximum tax (dol.)	CONTRIBUTION RATES (percent)						Supplementary medical insurance, monthly rate ² (dol.)
			Each employer and employee			Self-employed			
			Total	OASDI	HI ¹	Total	OASDI	HI ¹	
In effect:									
1960	4,800	144	3.00	3.00	(x)	4.50	4.50	(x)	(x)
1965	4,800	174	3.625	3.625	³ .35	5.40	5.40	³ .35	³ 3.00
1970	7,800	374	4.80	4.20	.60	6.90	6.30	.60	⁴ 5.30
1971	7,800	406	5.20	4.60	.60	7.50	6.90	.60	⁴ 5.60
1972	9,000	468	5.20	4.60	.60	7.50	6.90	.60	⁴ 5.80
1973	10,800	632	5.85	4.85	1.00	8.00	7.00	1.00	⁴ 6.30
1974	13,200	772	5.85	4.95	.90	7.90	7.00	.90	⁴ 6.70
1975	14,100	825	5.85	4.95	.90	7.90	7.00	.90	6.70
1976	15,300	895	5.85	4.95	.90	7.90	7.00	.90	⁴ 7.20
1977	16,500	965	5.85	4.95	.90	7.90	7.00	.90	⁴ 7.70
1978	17,700	1,071	6.05	5.05	1.00	8.10	7.10	1.00	⁴ 8.20
1979	22,900	1,404	6.13	5.08	1.05	8.10	7.05	1.05	⁴ 8.70
1980	25,900	1,588	6.13	5.08	1.05	8.10	7.05	1.05	⁴ 9.60
1981	29,700	1,975	6.65	5.35	1.30	9.30	8.00	1.30	⁴ 11.00
1982	(⁶)	(⁶)	6.70	5.40	1.30	9.35	8.05	1.30	(NA)
Future schedule:									
1983	(⁶)	(⁶)	6.70	5.40	1.30	9.35	8.05	1.30	(NA)
1984	(⁶)	(⁶)	6.70	5.40	1.30	9.35	8.05	1.30	(NA)

NA. Not available. X. Not applicable.

¹ Hospital insurance for the aged, first effective in 1966; for the disabled, in 1973. ² Program began July 1966. Voluntary program financed by equal contributions from participants 65 and older, and Federal Government. Beginning 1973, Federal Government finances cost of program not met by disabled and aged participants. ³ As of July 1966. ⁴ Effective July 1. ⁵ Effective Aug. 13. ⁶ Will be adjusted by Federal law to reflect increasing income levels.Source: U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*, and unpublished data.

No. 534. SOCIAL SECURITY (OASDHI) TRUST FUNDS: 1965 TO 1980

[In millions of dollars, except percent. See also *Historical Statistics, Colonial Times to 1970*, series H 238-242]

TYPE OF TRUST FUND	1965	1970	1974	1975	1976	1977	1978	1979	1980
Old-age and survivors:									
Net contribution income ¹	16,017	30,256	52,081	56,816	63,362	69,572	75,471	87,919	103,456
Transfers from general revenue ²	(X)	449	447	425	614	613	614	557	540
Interest received	593	1,515	2,159	2,364	2,301	2,227	2,008	1,797	1,845
Benefit payments	16,737	28,796	51,618	58,509	65,699	73,113	80,352	90,556	105,074
Administrative expenses	328	471	865	896	959	981	1,115	1,113	1,154
Percent of benefit payments	2.0	1.6	1.7	1.5	1.5	1.3	1.4	1.2	1.1
Assets, end of year	18,235	32,454	37,777	36,987	35,388	32,491	27,520	24,660	22,823
Disability:									
Net contribution income ¹	1,188	4,481	6,826	7,444	8,233	9,138	13,413	15,114	13,255
Transfers from general revenue ²	(X)	16	52	90	103	128	142	118	130
Interest received	59	277	500	502	422	304	256	358	485
Benefit payments	1,573	3,067	6,903	8,414	9,966	11,463	12,513	13,708	15,437
Administrative expenses	90	164	217	256	285	399	325	371	368
Percent of benefit payments	5.7	5.3	3.1	3.0	2.9	3.5	2.6	2.7	2.4
Assets, end of year	1,606	5,614	8,109	7,354	5,745	3,370	4,226	5,630	3,629
Hospital:³									
Net contribution income ¹	⁴ 3,152	4,881	10,850	11,509	12,736	14,126	17,579	20,975	24,110
Transfers from general revenue ²	⁴ 312	874	519	669	141	946	829	908	871
Interest received	⁴ 51	161	528	671	753	784	804	942	1,116
Benefit payments	⁴ 3,353	5,124	9,101	11,318	13,343	15,743	17,688	20,623	25,063
Administrative expenses	⁴ 77	157	271	263	336	276	489	450	514
Percent of benefit payments	⁴ 2.3	3.1	3.0	2.3	2.5	1.8	2.8	2.2	2.0
Assets, end of year	⁴ 1,073	3,202	9,119	10,517	10,605	10,442	11,477	13,228	13,749
Supplementary medical care:⁵									
Net contribution income ¹	⁴ 640	1,096	1,804	1,918	2,060	2,247	2,469	2,719	3,011
Transfers from general revenue	⁴ 933	1,093	2,225	2,648	3,810	5,386	6,287	6,645	7,455
Interest received	⁴ 24	12	95	106	106	172	299	404	408
Benefit payments	⁴ 1,197	1,975	3,318	4,273	5,080	6,038	7,252	8,708	10,635
Administrative expenses	⁴ 110	238	410	462	542	467	503	557	610
Percent of benefit payments	⁴ 9.2	12.0	12.4	10.8	10.7	7.7	6.9	6.4	5.7
Assets, end of year	⁴ 412	188	1,506	1,444	1,798	3,099	4,400	4,902	4,530

X. Not applicable. ¹ Includes deposits by States and deductions for refund of estimated employee-tax overpayment. For supplementary medical insurance represents voluntary premium payments from and on behalf of insured persons. ² Transfers for military wage credits and for cost of hospital benefits for persons not insured for OASDHI or railroad retirement cash benefits. ³ See footnote 1, table 533. ⁴ 1967 data. ⁵ See footnote 2, table 533.Source: U.S. Social Security Administration, *Annual Report of Board of Trustees, OASI, DI, HI, and SMI Trust Funds*. Also published in *Social Security Bulletin*, monthly.

No. 535. SOCIAL SECURITY (OASDI)—BENEFITS, BY TYPE OF BENEFICIARY: 1960 TO 1980

[OASDI=Old-age, survivors, and disability insurance. A person eligible to receive more than one type of benefit is generally classified or counted only once as a retired-worker beneficiary. See also headnote, table 531; Appendix III; and *Historical Statistics, Colonial Times to 1970*, series H 197-229]

TYPE OF BENEFICIARY	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
BENEFITS IN CURRENT-PAYMENT STATUS ¹ (end of year)										
Number of benefits (1,000).....	14,845	20,867	26,229	30,853	32,086	33,024	34,079	34,586	35,125	35,620
Retired workers ² (1,000).....	8,061	11,101	13,349	15,959	16,588	17,165	17,821	18,358	18,970	19,583
Disabled workers ³ (1,000).....	455	988	1,493	2,237	2,489	2,669	2,837	2,880	2,871	2,861
Wives and husbands ^{2,4} (1,000).....	2,346	2,807	2,952	3,238	3,320	3,370	3,457	3,471	3,467	3,480
Children ⁵ (1,000).....	2,000	3,093	4,122	4,776	4,972	5,036	5,083	4,938	4,794	4,610
Widowed mothers ⁶ (1,000).....	401	472	523	574	582	579	583	576	574	563
Widows and widowers ^{2,7} (1,000).....	1,544	2,371	3,227	3,770	3,889	3,995	4,119	4,212	4,321	4,415
Parents ² (1,000).....	36	35	29	23	21	20	18	17	16	15
Special benefits ⁸ (1,000).....	(x)	(x)	534	278	224	188	159	134	112	93
Average monthly benefit, current dollars:										
Retired workers ²	74	84	118	188	207	225	243	263	294	341
Retired worker and wife ²	124	142	199	312	344	374	404	438	(NA)	(NA)
Disabled workers ³	89	98	131	207	226	245	265	288	322	371
Wives and husbands ^{2,4}	39	43	59	91	100	108	117	126	141	164
Widowed mothers ⁶	59	65	87	134	147	160	174	190	213	246
Widows and widowers, nondisabled ³	58	74	102	178	194	209	224	241	270	308
Parents ²	60	76	103	158	172	185	198	214	239	276
Special benefits ⁸	(x)	(x)	45	64	69	73	78	83	92	105
Average monthly benefit, constant 1980 dollars: ⁹										
Retired workers ²	183	193	226	286	293	303	309	313	329	341
Retired worker and wife ²	308	326	382	475	487	504	514	521	(NA)	(NA)
Disabled workers ³	220	225	251	315	320	330	337	343	352	371
Wives and husbands ^{2,4}	96	99	113	139	142	146	149	150	168	164
Widowed mothers ⁶	146	149	167	204	208	216	221	226	233	246
Widows and widowers, nondisabled ³	143	170	196	271	275	282	285	287	292	308
BENEFITS AWARDED DURING YEAR (1,000)										
Number of benefits.....	2,336	3,072	3,722	4,101	4,427	4,341	4,611	4,166	4,227	4,214
Retired workers ²	982	1,183	1,338	1,413	1,506	1,464	1,594	1,480	1,597	1,620
Full benefits payable.....	634	296	114	109	117	110	114	142	139	132
Reduced benefits ¹⁰	207	579	745	903	964	972	1,075	974	1,017	1,028
Other ¹¹	141	308	479	401	425	382	404	364	441	460
Disabled workers ³	208	253	350	536	592	552	569	457	409	389
Wives and husbands ^{2,4}	394	390	436	451	499	494	543	477	471	469
Children ⁵	416	783	1,091	1,220	1,332	1,327	1,366	1,234	1,191	1,174
Widowed mothers ⁶	93	100	112	109	116	114	119	110	110	108
Widows and widowers ^{2,7}	239	359	363	364	377	386	417	404	446	452
Parents ²	5	3	2	1	1	1	1	1	1	1
Special benefits ⁸	(x)	(x)	30	7	4	3	3	3	2	1
BENEFIT PAYMENTS DURING YEAR (mil. dol.)										
Total amount ¹²	11,245	18,311	31,863	58,521	66,923	75,665	84,576	92,865	104,263	120,472
Monthly benefits ¹³	11,081	18,094	31,570	58,194	66,586	75,332	84,284	92,520	103,923	120,118
Retired workers ²	7,053	10,984	18,437	33,376	38,078	43,057	48,134	53,255	60,379	70,359
Disabled workers ³	489	1,246	2,448	5,862	6,908	8,190	9,456	10,315	11,333	12,817
Wives and husbands ^{2,4}	1,083	1,478	2,194	3,828	4,104	4,562	5,057	5,525	6,135	7,043
Children ⁵	1,085	1,922	3,517	5,852	6,643	7,434	8,163	8,671	9,416	10,514
Widowed mothers ⁶	286	388	574	898	1,009	1,113	1,189	1,284	1,409	1,572
Widows and widowers ^{2,7}	1,057	2,041	4,055	8,490	9,596	10,750	12,055	13,278	15,071	17,638
Parents ²	28	35	39	49	50	51	52	51	52	55
Special benefits ⁸	(x)	(x)	306	238	198	174	157	142	128	119
Lump sum.....	164	217	294	327	337	332	312	344	340	355

NA Not available. X Not applicable. ¹Benefit payment actually being made at a specified time with no deductions or with deductions amounting to less than a month's benefits; i.e., the benefits actually being received. ²62 years and over, except 1960 for men, 65 years and over. ³Disabled workers under age 65. ⁴Includes wife beneficiaries with entitled children in their care and, beginning Sept. 1965, entitled divorced wives. ⁵Includes disabled persons aged 18 and over whose disability began before age 18 (22, beginning Jan. 1973) and, beginning Sept. 1965, entitled full-time students aged 18-21. ⁶Includes surviving divorced mothers with entitled children in their care and, beginning June 1975, widowed fathers with entitled children in their care. ⁷Beginning Sept. 1965, includes widows aged 60-61 and surviving divorced wives aged 60 and over; beginning March 1968, disabled widows and widowers aged 50 and over; and beginning Jan. 1973, widowers aged 60-61. ⁸Benefits for persons aged 72 and over not insured under regular or transitional provisions of Social Security Act. ⁹Constant dollar figures are based on the implicit price deflator for personal consumption expenditures published by the U.S. Bureau of Economic Analysis; see table 769. ¹⁰Benefits payable with reduction for early retirement, at ages 62-64. ¹¹Includes awards suspended chiefly because of earnings of the retired worker and awards converted from disability awards to retirement awards on attainment of age 65. Also includes awards to transitionally insured persons aged 72 and over. ¹²Represents total disbursements of benefit checks by the U.S. Dept. of the Treasury during the years specified. ¹³Distribution by type estimated.

Source: U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*, and unpublished data.

NO. 536. SOCIAL SECURITY (OASDI)—BENEFITS IN CURRENT-PAYMENT STATUS, BENEFIT PAYMENTS, AND AVERAGE MONTHLY BENEFITS, 1970 TO 1979, AND BY STATES AND OTHER AREAS, 1979

[Number of benefits and average monthly benefit as of **December**. OASDI=Old-age survivors, and disability insurance. By beneficiary's State of residence. See also headnote, table 535, and Appendix III]

YEAR AND STATE OR OTHER AREA	NUMBER OF BENEFITS (1,000)				BENEFIT PAYMENTS (mil. dol.)				AVERAGE MONTHLY BENEFITS (dol.)		
	Total	Retired work- ers ^{1 2}	Surv- ivors	Dis- abled work- ers ²	Total	Retired work- ers ^{1 2}	Surv- ivors ³	Dis- abled work- ers ²	Re- tired work- ers ⁴	Dis- abled work- ers	Wid- ows and wid- owers ⁵
1970.....	26,229	17,093	6,470	2,665	31,863	21,075	7,721	3,067	118	131	102
1974.....	30,853	19,682	7,260	3,911	58,521	37,452	14,167	6,903	188	207	178
1975.....	32,086	20,322	7,411	4,353	66,923	42,645	15,864	8,414	207	226	194
1976.....	33,024	20,802	7,497	4,624	75,665	48,069	17,630	9,966	225	245	209
1977.....	34,079	21,636	7,582	4,861	84,576	53,591	19,522	11,463	243	265	224
1978.....	34,586	22,132	7,586	4,869	92,865	59,301	21,051	12,513	263	288	241
1979, total.....	35,125	22,725	7,622	4,777	104,263	67,075	23,480	13,708	294	322	270
Alabama.....	637	366	164	106	1,648	938	436	274	263	303	231
Alaska.....	20	11	7	3	57	31	18	8	298	351	253
Arizona.....	409	277	77	55	1,219	821	235	163	302	340	279
Arkansas.....	439	270	92	77	1,108	669	242	197	254	296	226
California.....	3,158	2,101	610	447	9,727	6,344	1,971	1,412	299	334	279
Colorado.....	327	214	73	39	959	615	226	118	286	326	270
Connecticut.....	472	332	93	47	1,576	1,109	318	149	326	337	298
Delaware.....	85	54	19	12	269	172	63	34	309	330	286
District of Columbia.....	88	57	21	11	238	153	55	30	259	283	244
Florida.....	2,021	1,446	340	235	6,024	4,243	1,083	698	296	328	278
Georgia.....	759	427	187	145	1,993	1,112	500	381	262	295	233
Hawaii.....	110	78	20	11	310	218	59	33	298	325	257
Idaho.....	129	89	26	15	376	254	79	43	287	321	267
Illinois.....	1,623	1,079	371	173	5,198	3,438	1,215	545	312	336	288
Indiana.....	810	527	181	101	2,558	1,654	594	310	308	337	282
Iowa.....	489	343	104	43	1,478	1,013	336	129	294	320	272
Kansas.....	375	264	78	32	1,126	781	250	95	293	318	271
Kentucky.....	594	345	142	107	1,561	891	397	273	263	312	239
Louisiana.....	579	311	158	110	1,499	798	425	276	265	309	242
Maine.....	196	131	39	26	557	367	120	70	275	305	260
Maryland.....	522	335	125	62	1,594	1,010	391	193	297	331	276
Massachusetts.....	919	635	186	98	2,881	1,980	608	293	302	325	286
Michigan.....	1,338	839	310	189	4,333	2,691	1,040	602	316	351	291
Minnesota.....	610	433	126	51	1,800	1,246	401	153	285	320	269
Mississippi.....	428	243	106	80	1,000	560	251	189	240	284	212
Missouri.....	857	567	180	110	2,502	1,634	556	312	285	316	265
Montana.....	117	78	26	14	346	224	80	42	288	324	272
Nebraska.....	254	180	52	21	746	521	165	60	287	310	267
Nevada.....	90	59	18	13	270	173	56	41	295	341	278
New Hampshire.....	138	98	26	15	430	302	84	44	299	323	279
New Jersey.....	1,150	765	241	144	3,800	2,527	812	461	323	339	295
New Mexico.....	172	102	40	29	450	272	106	72	276	315	250
New York.....	2,875	1,914	583	378	9,397	6,283	1,939	1,175	319	339	291
North Carolina.....	881	530	209	142	2,341	1,401	556	384	266	294	229
North Dakota.....	104	73	23	8	288	198	68	22	274	296	258
Ohio.....	1,603	1,006	378	219	5,016	3,089	1,253	674	304	338	285
Oklahoma.....	478	310	104	64	1,334	849	308	177	274	308	251
Oregon.....	403	282	73	47	1,257	866	243	148	301	333	279
Pennsylvania.....	2,049	1,344	457	248	6,531	4,221	1,521	789	310	335	286
Rhode Island.....	168	115	31	22	521	356	102	63	300	313	281
South Carolina.....	442	247	113	82	1,156	652	289	215	266	295	228
South Dakota.....	119	82	26	10	325	220	77	28	270	297	255
Tennessee.....	728	438	167	123	1,919	1,139	460	320	264	297	234
Texas.....	1,801	1,129	443	229	4,907	3,033	1,259	615	274	311	253
Utah.....	145	98	32	15	438	294	99	45	299	333	280
Vermont.....	80	53	16	10	237	157	51	29	290	313	267
Virginia.....	708	430	168	110	1,957	1,175	483	299	274	308	247
Washington.....	569	393	110	66	1,790	1,213	365	212	305	340	282
West Virginia.....	358	197	89	72	1,024	553	270	201	288	332	258
Wisconsin.....	759	527	154	79	2,361	1,616	508	237	303	332	282
Wyoming.....	49	34	11	5	147	99	35	13	289	322	271
Puerto Rico.....	565	264	98	202	921	428	180	313	186	249	175
Guam.....	3	1	(2)	(2)	5	2	2	1	230	277	191
American Samoa.....	2	1	1	(2)	2	1	1	(2)	187	212	163
Virgin Islands.....	7	2	4	1	17	11	4	2	272	298	229
Foreign.....	312	197	94	21	737	457	235	45	252	307	236

Z Fewer than 500. ¹Includes special benefits; see footnote 8, table 535.

²Includes lump-sum payments to survivors of deceased workers. ³Includes benefits payable to dependents.

⁴Excludes persons with special benefits. ⁵Nondisabled only.

Source: U.S. Social Security Administration. Periodically in *Social Security Bulletin*.

NO. 537. SOCIAL SECURITY (OASDHI)—RETIREMENT BENEFITS, BY SEX: 1960 TO 1980

[As of end of year. Benefits in current-payment status. OASDHI=Old-age, survivors, disability, and health insurance. Full benefits begin at age 65; reduced benefits at age 62. The latter began in 1956 for women and in 1961 for men. See also Appendix II and *Historical Statistics, Colonial Times to 1970*, series H 245-259]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
MALE											
Number receiving benefits ¹	1,000.....	5,217	6,825	7,688	8,832	9,164	9,420	9,714	9,928	10,192	10,471
Full benefits.....	1,000.....	5,217	5,389	4,930	4,737	4,699	4,633	4,583	4,536	4,607	4,582
Reduced benefits.....	1,000.....	(x)	1,436	2,758	4,095	4,465	4,787	5,131	5,392	5,586	5,889
Avg. monthly benefits, total.....	Dollars.....	82	93	131	207	228	248	268	292	327	380
Full.....	Dollars.....	82	96	139	224	247	270	293	320	359	420
Reduced:											
Before reduction.....	Dollars.....	(x)	90	129	206	228	250	272	297	334	391
After reduction.....	Dollars.....	(x)	79	115	187	207	226	246	268	300	349
FEMALE											
Number receiving benefits ¹	1,000.....	2,845	4,276	5,661	7,126	7,424	7,744	8,106	8,430	8,778	9,112
Full benefits.....	1,000.....	1,896	2,192	2,352	2,528	2,670	2,669	2,684	2,772	2,905	2,905
Reduced benefits.....	1,000.....	949	2,083	3,309	4,601	4,903	5,074	5,438	5,745	6,006	6,306
Avg. monthly benefits, total.....	Dollars.....	60	70	101	165	182	197	213	230	257	297
Full.....	Dollars.....	62	75	112	186	206	224	243	265	297	347
Reduced:											
Before reduction.....	Dollars.....	64	74	106	169	185	200	222	241	(NA)	(NA)
After reduction.....	Dollars.....	56	65	94	154	169	183	198	214	238	275

NA Not available. X Not applicable. ¹ Includes disability beneficiaries who attained age 65.

NO. 538. INDEXES OF PENSIONS, AVERAGE WEEKLY EARNINGS, AND CONSUMER PRICES, SELECTED COUNTRIES: 1973 TO 1977

[1970=100. Relates to national social security systems. Pensions and wages data refer to average worker in manufacturing; price trend based on annual changes in consumer price index]

COUNTRY AND INDEX	1973	1974	1975	1976	1977	COUNTRY AND INDEX	1973	1974	1975	1976	1977
United States:						Netherlands:					
Pensions.....	132	132	147	158	168	Pensions.....	152	170	198	229	248
Wages.....	123	133	143	157	172	Wages.....	149	171	192	209	227
Prices.....	114	127	139	147	156	Prices.....	125	137	151	165	176
Austria:						Sweden:					
Pensions.....	124	137	153	173	196	Pensions.....	133	152	182	202	230
Wages (avg. mo.).....	143	165	187	205	222	Wages (avg. mo.).....	125	136	158	176	189
Prices.....	120	131	142	153	160	Prices.....	122	134	147	162	180
France:						Switzerland:					
Pensions.....	134	152	180	212	245	Pensions.....	200	200	250	250	263
Wages.....	147	172	196	221	249	Wages.....	142	160	171	173	182
Prices.....	120	137	153	168	183	Prices.....	124	136	149	147	149
Germany, Fed. Rep.:						United Kingdom:					
Pensions.....	130	144	160	178	195	Pensions.....	135	155	200	266	306
Wages.....	131	143	150	165	178	Wages.....	144	169	220	264	276
Prices.....	119	127	135	140	146	Prices.....	128	148	184	215	249

Source of tables 537 and 538: U.S. Social Security Administration, unpublished data.

NO. 539. FEDERAL CIVIL SERVICE RETIREMENT: 1960 TO 1980

[As of June 30 or for years ending June 30 except, beginning 1977, as of Sept. 30 or for year ending Sept. 30. See text, p. 316. See also *Historical Statistics, Colonial Times to 1970*, series H 262-270]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980
Annuitants, total										
Age and service.....	1,000.....	515	729	958	1,372	1,432	1,502	1,564	1,617	1,675
Disability.....	1,000.....	263	360	477	732	759	790	825	857	905
Survivors.....	1,000.....	102	149	185	258	279	306	323	333	343
Survivors.....	1,000.....	150	220	296	382	394	405	416	427	427
Receipts, total ¹.....										
Employee contributions.....	Mil. dol.....	1,761	2,664	4,683	11,377	13,121	15,094	17,640	20,548	24,389
Federal gov't contributions.....	Mil. dol.....	760	1,067	1,740	2,554	2,780	2,931	3,194	3,447	3,686
Disbursements, total ²	Mil. dol.....	749	1,115	1,952	6,707	7,877	9,337	11,035	12,865	15,562
Age and service annuitants ³	Mil. dol.....	893	1,438	2,752	7,207	8,405	9,694	11,014	12,593	14,977
Survivors.....	Mil. dol.....	668	1,126	2,129	6,052	7,098	8,143	9,246	10,571	12,639
Survivors.....	Mil. dol.....	99	182	369	908	1,077	1,238	1,423	1,618	1,912
Average monthly benefit:										
Age and service.....	Dollars.....	216	251	362	620	695	765	827	924	992
Disability.....	Dollars.....	123	154	221	406	462	517	562	629	722
Survivors.....	Dollars.....	58	72	116	209	238	268	296	336	392
Cash and security holdings.....	Bil. dol.....	10.1	15.6	22.4	38.4	43.1	49.7	56.3	64.3	73.7

¹ Includes interest on investments. ² Includes refunds, death claims, and administration. ³ Includes disability annuitants.

Source: U.S. Office of Personnel Management, 1960-1978, *Report on Civil Service Retirement, Federal Employees Group Life Insurance, Federal Employees Health Benefits, Retired Federal Employees Health Benefits*, annual; beginning 1979, *Federal Fringe Benefits Facts*, annual.

NO. 540. STATE AND LOCAL GOVERNMENT RETIREMENT—FINANCES: 1970 TO 1980

[In millions of dollars. For fiscal years closed during the 12 months ending June 30]

YEAR AND LEVEL OF GOVERNMENT	RECEIPTS					BENEFITS AND WITHDRAWALS			Cash and security holdings
	Total	Em- ployee contri- butions	Government contributions		Earnings on in- vest- ments	Total	Bene- fits	With- drawals	
			State	Local					
1970: All systems.....	9,848	2,788	2,046	2,554	2,460	3,638	3,037	601	54,918
State-administered.....	7,184	2,149	1,978	1,237	1,821	2,382	1,913	469	39,966
Locally administered.....	2,664	639	67	1,318	639	1,256	1,124	132	14,952
1975: All systems.....	18,898	4,488	4,093	5,023	5,294	7,490	6,540	950	98,064
State-administered.....	14,208	3,552	3,974	2,623	4,059	5,207	4,480	727	74,703
Locally administered.....	4,690	936	119	2,400	1,236	2,283	2,060	223	23,361
1977: All systems.....	27,984	5,688	5,828	7,793	8,676	10,774	9,549	1,225	142,573
State-administered.....	21,455	4,619	5,704	4,264	6,868	7,811	6,821	990	110,357
Locally administered.....	6,529	1,068	123	3,530	1,808	2,963	2,728	235	32,216
1978: All systems.....	28,032	5,691	5,860	7,800	8,681	10,782	9,556	1,226	142,637
State-administered.....	21,488	4,619	5,736	4,264	6,868	7,811	6,821	990	110,357
Locally administered.....	6,544	1,072	123	3,537	1,812	2,970	2,735	235	32,280
1979: All systems.....	31,959	6,072	6,448	8,891	10,548	12,273	10,772	1,501	161,700
State-administered.....	24,659	4,968	6,318	5,173	8,200	8,937	7,704	1,233	125,803
Locally administered.....	7,300	1,103	131	3,718	2,348	3,336	3,068	268	35,897
1980: All systems.....	37,313	6,466	7,581	9,951	13,315	14,008	12,207	1,801	185,226
State-administered.....	28,603	5,285	7,399	5,611	10,308	10,257	8,809	1,448	144,682
Locally administered.....	8,710	1,180	181	4,340	3,008	3,752	3,399	353	40,544

Source: U.S. Bureau of the Census, *Census of Governments, 1977*, vol. 6, No. 1, *Employee-Retirement Systems of State and Local Governments*, and *Finances of Employee-Retirement Systems of State and Local Governments*, annual.

NO. 541. RAILROAD RETIREMENT AND SURVIVOR BENEFITS: 1960 TO 1980

[For years ending June 30 except, beginning Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series H 271-286]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980
Average number of railroad employees.....	1,000	930	762	650	575	537	547	538	555	539
Retirement and survivor benefits:										
Monthly benefits awarded.....	1,000	115	85	99	137	107	96	87	84	84
Recipients.....	1,000	873	980	1,051	1,094	1,100	1,108	1,101	1,093	1,084
Monthly benefits in current payment status (end of year).....	1,000	790	889	1,036	1,160	1,182	1,201	1,204	1,205	1,203
Benefit payments.....	Mill. dol	926	1,118	1,594	3,060	3,470	3,787	3,988	4,275	4,731

Source: U.S. Railroad Retirement Board, *Annual Report*. Current data in *RRB Quarterly Review*.

NO. 542. ASSETS OF PRIVATE AND PUBLIC PENSION FUNDS, BY TYPE OF FUND: 1960 TO 1980

[In billions of dollars. As of end of year. Except for corporate equities, represents book value. Excludes Social Security trust funds, see table 534]

TYPE OF PENSION FUND	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Total, all types.....	90.8	154.7	239.4	302.5	365.7	427.9	465.5	530.5	599.4	729.1
Private funds.....	57.0	100.9	151.6	176.3	219.0	260.9	280.0	317.7	361.6	444.8
Insured.....	18.9	27.3	41.2	60.8	72.2	89.0	101.5	119.1	139.2	165.6
Noninsured ¹	38.1	73.6	110.4	115.5	146.8	171.9	178.5	198.6	222.4	279.2
Corporate equities.....	16.5	40.8	67.1	63.3	88.6	109.7	101.9	107.9	123.7	168.2
Corporate bonds.....	15.7	22.7	29.4	34.0	35.8	35.5	42.1	48.0	53.7	58.1
U.S. Government securities.....	2.7	3.0	3.0	5.6	10.7	14.7	20.1	22.2	25.0	30.8
Other.....	3.2	7.1	10.9	12.6	11.7	12.0	14.4	20.5	20.0	22.1
Public funds.....	33.8	53.8	87.8	126.2	146.7	167.0	185.5	212.8	237.8	284.3
State and local government.....	19.7	34.1	60.3	88.0	104.8	120.6	132.6	153.0	170.1	207.9
Corporate bonds.....	7.1	17.2	35.1	54.9	61.8	67.1	72.7	81.4	86.0	96.0
Corporate equities.....	5.9	2.5	10.1	16.4	24.3	30.1	30.0	33.3	37.1	54.3
U.S. Government securities.....	5.6	7.6	6.6	6.2	7.8	10.9	16.5	22.8	28.7	36.0
Other.....	6.1	6.8	8.5	10.5	10.9	12.5	13.4	15.5	17.3	19.6
U.S. Government.....	14.1	19.7	27.5	38.2	41.9	46.4	52.9	59.8	67.7	76.4
Civil Service ²	10.4	15.9	23.0	34.4	38.5	43.1	50.0	56.7	64.6	73.9
Railroad retirement.....	3.7	3.8	4.5	3.9	3.4	3.3	2.9	3.1	3.1	2.5

¹ Covers all pension funds of corporations, nonprofit organizations, unions, and multi-employer groups. Also includes deferred profit-sharing plans; excludes health, welfare, and bonus plans. ² Includes U.S. Foreign Service Retirement and Disability Trust Fund.Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts, 1949-78; Annual Statistical Digest, 1970 to 1978*; and unpublished data.

NO. 543. EMPLOYEE-BENEFIT PLANS—SUMMARY: 1960 TO 1977

[Coverage data refer to civilian wage and salary workers at end of year; contributions, to amounts subscribed by employers and employees, in total. An "employee-benefit plan" is any type of plan sponsored or initiated unilaterally or jointly by employers or employees and providing benefits that stem from the employment relationship and that are not underwritten or paid directly by government (Federal, State, or local). In general, the intent is to include plans that provide in an orderly predetermined fashion for (1) income maintenance during periods when regular earnings are cut off because of death, accident, sickness, retirement, or unemployment and (2) benefits to meet medical expenses. Excludes workers' compensation required by statute and employer's liability. See also *Historical Statistics, Colonial Times to 1970*, series H 70-114.]

ITEM AND TYPE OF PLAN	Unit	1960	1965	1970	1973	1974	1975	1976	1977
Covered employees:									
Life insurance and death ¹	Million.....	34.2	41.9	51.8	57.8	60.6	62.4	64.8	67.9
Accidental death/dismemberment.....	Million.....	20.9	28.4	38.7	42.7	44.3	46.5	45.7	48.9
Health benefits:									
Hospitalization ² ³	Million.....	39.3	45.7	53.1	56.8	57.6	59.3	59.2	61.5
Surgical ³	Million.....	37.4	43.4	51.5	55.4	56.1	57.6	57.3	60.5
Regular medical ³	Million.....	28.2	38.2	48.0	53.7	54.9	57.0	57.3	59.2
Major medical ⁴	Million.....	8.5	16.6	24.6	27.6	28.2	29.8	30.3	31.9
Coverage, private employees:									
Temporary disability ⁵	Million.....	⁶ 24.5	24.5	29.7	32.0	31.7	31.1	32.1	33.5
Long-term disability.....	Million.....	(⁶)	1.9	7.0	10.6	11.1	11.5	11.5	12.5
Retirement ⁷	Million.....	18.7	21.8	26.1	29.2	29.8	30.3	(NA)	(NA)
Contributions:									
All employees, total ⁸	Bil. dol.....	12.5	19.9	34.9	50.5	57.7	67.3	(NA)	(NA)
Life insurance and death ¹	Bil. dol.....	1.4	2.2	3.6	4.4	4.7	5.1	5.1	5.5
Accidental death/dismemberment.....	Bil. dol.....	.1	.1	.2	.3	.3	.3	.3	.4
Health benefits:									
Hospitalization ³	Bil. dol.....	2.5	4.3	7.6	10.5	11.4	13.0	16.1	18.6
Surgical and regular medical.....	Bil. dol.....	1.3	2.1	4.0	5.9	7.0	8.2	10.4	13.3
Major medical ⁴	Bil. dol.....	.5	1.1	2.3	4.1	4.6	5.7	6.8	8.8
Private employees:									
Temporary disability ⁵ ⁶	Bil. dol.....	1.2	1.6	3.1	3.9	4.4	4.7	5.3	5.7
Retirement ⁷	Bil. dol.....	5.5	8.4	14.0	21.1	25.0	29.9	(NA)	(NA)
Benefits paid:									
All employees, total ⁸	Bil. dol.....	7.8	13.6	26.1	36.2	42.0	47.9	(NA)	(NA)
Life insurance and death ¹	Bil. dol.....	1.0	1.6	2.5	3.2	3.4	3.6	3.7	4.0
Accidental death/dismemberment.....	Bil. dol.....	(Z)	.1	.2	.2	.3	.3	.3	.3
Health benefits:									
Hospitalization ³	Bil. dol.....	2.4	4.2	7.3	9.6	11.1	13.1	15.9	18.4
Surgical and regular medical.....	Bil. dol.....	1.1	1.8	3.6	5.2	6.3	7.4	9.4	10.7
Major medical ⁴	Bil. dol.....	.4	1.0	2.4	3.4	4.0	4.5	6.4	6.8
Private employees:									
Temporary disability ⁵ ⁶	Bil. dol.....	1.0	1.3	2.5	3.2	3.7	3.8	4.3	4.7
Retirement ⁷	Bil. dol.....	1.7	3.5	7.4	11.2	12.9	14.8	(NA)	(NA)
PERCENT OF WORKERS COVERED ⁹									
All employees:									
Life insurance and death.....	Percent.....	57.8	63.7	69.0	71.2	73.5	77.0	77.5	78.4
Accidental death/dismemberment.....	Percent.....	35.3	43.1	51.5	52.7	53.7	57.4	54.6	56.6
Health benefits:									
Hospitalization.....	Percent.....	66.5	69.4	70.7	70.0	69.9	73.2	71.0	71.0
Surgical.....	Percent.....	63.3	65.9	68.6	68.3	68.1	71.1	68.7	70.0
Regular medical.....	Percent.....	47.7	58.0	63.9	66.2	66.5	70.4	68.8	68.5
Major medical.....	Percent.....	14.8	25.2	32.7	34.0	34.2	36.8	36.4	36.9
Private employees:									
Temporary disability.....	Percent.....	⁶ 48.7	44.3	47.9	47.9	46.8	47.3	47.0	47.1
Long-term disability.....	Percent.....	(⁶)	3.4	11.2	15.8	16.4	17.5	16.8	17.6
Retirement.....	Percent.....	37.2	39.5	42.1	43.7	44.0	46.0	(NA)	(NA)
PERCENT CONTRIBUTIONS OF TOTAL WAGES AND SALARIES ⁹									
All employees:									
Life insurance and death.....	Percent.....	.54	.64	.68	.65	.63	.65	.59	.57
Accidental death/dismemberment.....	Percent.....	.03	.03	.04	.04	.04	.04	.04	.04
Health benefits.....	Percent.....	1.63	2.15	2.64	3.02	3.11	3.45	3.83	4.24
Private employees:									
Temporary disability.....	Percent.....	.53	.54	.71	.71	.73	.75	.76	.73
Retirement.....	Percent.....	2.46	2.86	3.25	3.82	4.14	4.73	(NA)	(NA)

NA Not available. Z Less than \$50 million. ¹Includes group and wholesale life insurance but excludes Servicemen's Group Life Insurance program. ²Includes persons covered by group comprehensive major-medical insurance as well as those with basic benefits. ³Includes private hospital plans written in compliance with State temporary disability insurance law in California. ⁴Group supplementary and comprehensive major-medical insurance written by commercial insurance companies.

⁵Includes private plans written in compliance with State temporary disability insurance laws in California, Hawaii, New Jersey, and New York; and formal sick-leave plans. Excludes credit accident and health insurance. ⁶Long-term disability policies included in temporary disability. ⁷Includes pay-as-you-go and deferred profit-sharing plans, plans for non-profit organizations, union pension plans, and railroad plans supplementing the Federal railroad retirement program. Excludes plans for the self-employed and tax-sheltered annuities. Retirement coverage estimates exclude annuitants. ⁸Includes data for supplemental unemployment insurance benefits, not shown separately. ⁹For all employees, coverage and contributions relate to private and government full-time and part-time civilian employees and payroll; for private employees, to wage and salary full-time and part-time labor force and payroll in private industry.

Source: U.S. Social Security Administration, *Social Security Bulletin*, November 1977, and unpublished data.

NO. 544. PENSION PLAN AND GROUP HEALTH INSURANCE COVERAGE OF CIVILIAN WORKERS, BY SELECTED CHARACTERISTIC OF WORKER: 1980

[Covers civilian workers as of **March 1980** who had earnings in **1979**. Based on Current Population Survey; see text, p. 1.
GHI = Employer-subsidized group health insurance. Preliminary data]

TYPE OF COVERAGE	Unit	Total ¹	Male	Fe- male	White	Black	Span- ish ori- gin ²	15-24 years old	25-44 years old	45-64 years old	65 yrs. and over
Total workers.....	1,000.....	113,261	63,422	49,839	100,213	10,934	5,715	28,744	50,008	30,421	4,089
With both GHI and pension.....	1,000.....	41,500	27,302	14,198	37,066	3,755	1,684	4,666	21,637	14,614	581
With GHI only.....	1,000.....	19,406	11,167	8,239	17,087	1,872	1,174	5,219	9,623	4,151	413
With pension only.....	1,000.....	6,214	2,807	3,407	5,464	633	297	809	3,151	2,062	192
Without GHI or pension.....	1,000.....	46,142	22,146	23,996	40,596	4,673	2,558	18,049	15,596	9,594	2,902
With GHI.....	1,000.....	60,906	38,469	22,437	54,153	5,627	2,858	9,885	31,260	18,765	994
With pension.....	1,000.....	47,714	30,109	17,605	42,530	4,388	1,981	5,475	24,788	16,676	773
Percent of workers—											
With both GHI and pension.....	Percent.....	36.6	43.0	28.5	37.0	34.3	29.5	16.2	43.3	48.0	14.2
Without GHI or pension.....	Percent.....	40.7	34.9	48.1	40.5	42.7	44.8	62.8	31.2	31.5	71.0
With GHI.....	Percent.....	53.8	60.7	45.0	54.0	51.5	50.0	34.4	62.5	61.7	24.3
With pension.....	Percent.....	42.1	47.5	35.3	42.4	40.1	34.7	19.0	49.6	54.8	18.9

¹ Includes other races not shown separately. ² Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 110.

NO. 545. PROTECTION AGAINST SHORT-TERM SICKNESS INCOME LOSS: 1960 TO 1979

[In millions of dollars, except percent. "Short-term sickness" refers to short-term or temporary nonwork-connected disability (lasting not more than 6 months) and the first 6 months of long-term disability. See also *Historical Statistics, Colonial Times to 1970*, series H 115-124]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979
Short-term sickness: Income loss.....	8,591	11,333	16,757	21,804	23,595	26,447	28,223	32,782	36,020
Total protection provided ¹.....	2,430	3,349	5,872	8,232	9,002	9,819	10,546	11,733	13,350
Protection as percent of loss.....	28.3	29.6	35.0	37.8	38.2	37.1	37.4	35.8	37.1
Benefits provided by protection:									
Individual insurance.....	393	483	694	851	973	881	940	1,210	1,322
Group benefits to workers in private employment.....	1,211	1,602	2,952	4,144	4,328	4,900	5,282	5,782	6,985
Private cash insurance ²	638	767	1,476	2,024	2,011	2,267	2,344	2,403	3,216
Publicly operated cash sickness funds ³	172	269	411	485	538	581	582	609	699
Sick leave.....	400	566	1,066	1,634	1,779	2,052	2,257	2,770	3,070
Sick leave for government employees.....	826	1,264	2,225	3,107	3,542	3,868	4,134	4,562	4,873

¹ Provided by individual insurance, group benefits to workers in private employment, and sick leave for government employees. Beginning 1974, includes benefits for the sixth month of disability payable under old-age, survivors, disability, and health insurance program, not shown separately. ² Group accident and sickness insurance and self-insurance privately written either on a voluntary basis or in compliance with State temporary disability insurance laws in Calif., N.J., and N.Y. Includes a small but undetermined amount of group disability insurance benefits paid to government workers and to self-employed persons through farm, trade, or professional associations. ³ Includes State-operated plans in Rhode Island, California, and New Jersey; State Insurance Fund and special fund for disabled unemployed in New York; and provisions of Railroad Unemployment Insurance Act.

Source: U.S. Social Security Administration, *Social Security Bulletin*, May 1981, and unpublished data.

NO. 546. MEDICARE AND MEDICAID—SELECTED CHARACTERISTICS OF PERSONS COVERED: 1979

[Represents number of persons as of **March 1980** who were covered in **1979**. For Medicare, covers persons 15 years old and over, for Medicaid covers persons of all ages. See headline, table 525. Preliminary]

POVERTY STATUS	Unit	Total ¹	Male	Fe- male	White	Black	Span- ish ori- gin ²	Under 15 yrs. old	15-44 years old	45-64 years old	65 yrs. and over
MEDICARE											
Persons covered, total.....	1,000.....	24,689	10,412	14,277	22,124	2,299	615	(x)	715	2,242	21,730
Below poverty level.....	1,000.....	3,980	1,293	2,687	3,064	880	178	(x)	186	491	3,303
Above poverty level.....	1,000.....	20,709	9,119	11,590	19,060	1,419	436	(x)	530	1,751	18,427
Percent of total population.....	Percent.....	14.7	13.0	16.2	15.0	12.8	7.2	(x)	.7	5.1	91.5
Below poverty level.....	Percent.....	23.5	20.6	25.3	26.2	18.5	11.6	(x)	1.9	13.5	92.1
Above poverty level.....	Percent.....	13.7	12.3	15.0	14.1	10.8	6.2	(x)	.6	4.4	91.4
MEDICAID											
Persons covered, total.....	1,000.....	18,136	7,055	11,081	11,330	6,334	2,064	6,114	6,766	1,969	3,288
Below poverty level.....	1,000.....	9,944	3,725	6,219	5,436	4,250	1,255	4,124	3,820	987	1,217
Above poverty level.....	1,000.....	8,192	3,330	4,862	5,893	2,084	809	1,991	3,146	983	2,071
Percent of total population.....	Percent.....	8.3	6.7	9.9	6.0	24.9	15.6	12.3	6.7	4.5	13.8
Below poverty level.....	Percent.....	39.2	35.4	42.0	32.3	54.2	43.8	48.9	37.4	27.2	33.9
Above poverty level.....	Percent.....	4.2	3.5	5.0	3.4	11.8	7.8	4.8	3.4	2.5	10.3

X Not applicable ¹ Includes other races not shown separately. ² Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 110.

NO. 547. MEDICARE PROGRAM—ENROLLMENT AND PAYMENTS: 1967 TO 1980

[Enrollment as of July 1; payments for calendar year. Benefit payments represent trust fund outlays. Includes Puerto Rico, outlying areas, and enrollees in foreign countries. See text, p. 315 for explanation of coverage]

TYPE OF INSURANCE	Unit	1967	1970	1973	1974	1975	1976	1977	1978	1979	1980
HOSPITAL INSURANCE											
Enrollment, total	1,000	19,494	20,361	23,302	23,924	24,640	25,312	26,094	26,777	27,459	28,101
Persons aged 65 and over	1,000	19,494	20,361	21,571	21,996	22,472	22,920	23,475	23,984	24,548	25,134
Male	1,000	8,243	8,507	8,911	9,005	9,168	9,324	9,537	9,728	9,945	10,173
Female	1,000	11,251	11,855	12,660	12,991	13,304	13,586	13,937	14,256	14,604	14,962
Disabled persons	1,000	(X)	(X)	1,730	1,928	2,168	2,392	2,619	2,793	2,911	2,967
Male	1,000	(X)	(X)	1,119	1,233	1,381	1,514	1,654	1,763	1,837	1,874
Female	1,000	(X)	(X)	612	695	788	878	965	1,030	1,073	1,093
Benefit payments	Mil. dol	3,353	5,124	7,057	9,099	11,315	13,340	15,737	17,682	20,623	(NA)
MEDICAL INSURANCE											
Enrollment, total	1,000	17,893	19,584	22,491	23,167	23,904	24,614	25,364	26,074	26,757	27,431
Persons aged 65 and over	1,000	17,893	19,584	20,921	21,422	21,945	22,446	22,991	23,531	24,098	24,709
Male	1,000	7,547	8,132	8,569	8,694	8,793	9,047	9,240	9,436	9,645	9,883
Female	1,000	10,346	11,452	12,352	12,727	13,073	13,399	13,751	14,094	14,454	14,826
Disabled persons	1,000	(X)	(X)	1,570	1,745	1,959	2,168	2,373	2,543	2,659	2,722
Male	1,000	(X)	(X)	1,003	1,102	1,231	1,353	1,475	1,582	1,655	1,697
Female	1,000	(X)	(X)	567	643	729	816	897	961	1,004	1,025
Benefit payments	Mil. dol	1,197	1,975	2,526	3,318	4,273	5,080	6,038	7,252	8,708	(NA)

NA Not available X Not applicable.

Source: U.S. Health Care Financing Administration. Published in U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*.

NO. 548. MEDICARE PROGRAM CLAIMS AND REIMBURSEMENTS: 1970 TO 1979

[Data reflect date claims approved for payment and cover only claims approved and recorded in Health Care Financing Administration central records before Dec. 25, 1980. See headline, table 547. Reimbursements are amounts paid to providers for covered services; excludes deductibles, coinsurance amounts, and noncovered services as specified by law]

ITEM	Unit	PERSONS 65 YEARS OLD AND OVER					DISABLED ¹			
		1970	1975	1977	1978	1979	1975	1977	1978	1979
HOSPITAL INSURANCE										
Claims approved	1,000	7,512	9,389	10,536	10,943	11,323	929	1,210	1,317	1,435
Reimbursements	Mil. dol	4,855	9,430	13,103	14,910	16,903	984	1,605	1,917	2,308
Inpatients:										
Claims approved	1,000	6,313	7,844	8,496	8,759	9,002	842	1,079	1,171	1,268
Admissions	1,000	6,141	7,404	8,123	8,389	8,676	850	1,085	1,173	1,235
Annual rate ²	Rate	304	332	349	353	357	394	416	422	426
Covered days of care	Millions	80	84	88	90	91	9	11	12	12
Annual rate ²	Rate	3,949	3,786	3,800	3,771	3,724	4,136	4,204	4,201	4,298
Per admission	Days	13.0	11.4	10.9	10.7	10.4	10.5	10.1	10.0	10.1
Hospital charges	Mil. dol	5,940	12,021	17,137	19,841	22,784	1,320	2,196	2,662	3,237
Per day	Dollars	74	142	194	221	251	148	200	228	260
Reimbursements	Mil. dol	4,578	9,041	12,566	14,326	16,250	965	1,574	1,882	2,266
Percent of charges	Percent	77.1	75.2	73.3	72.2	71.3	73.1	71.7	70.7	70.0
Per claim	Dollars	725	1,153	1,479	1,636	1,805	1,146	1,458	1,607	1,787
Home health:										
Claims approved	1,000	571	1,009	1,473	1,662	1,829	70	111	128	149
Reimbursements	Mil. dol	47	136	235	286	344	10	19	23	29
Per claim	Dollars	82	135	160	172	188	142	168	183	197
Skilled nursing facility:										
Claims approved	1,000	627	536	567	522	492	17	19	18	18
Reimbursements	Mil. dol	230	253	302	299	309	9	12	12	13
Per claim	Dollars	367	472	533	573	629	556	622	673	734
MEDICAL INSURANCE										
Total bills	1,000	^a 39,695	73,234	95,690	106,486	120,095	6,658	10,873	12,844	15,654
Physicians:										
Bills approved	1,000	32,850	57,208	74,173	82,259	92,797	4,597	7,493	8,921	10,876
Total charges	Mil. dol	2,157	3,907	5,384	6,163	7,238	344	576	699	885
Per bill	Dollars	66	68	73	75	78	75	77	78	81
Percent reimbursed	Percent	72.9	74.1	76.2	76.8	77.4	75.6	77.4	77.7	78.2
Outpatient hospital:										
Bills approved	1,000	4,031	8,984	11,683	13,037	14,426	1,343	2,107	2,436	2,850
Reimbursements	Mil. dol	85	315	525	645	790	143	235	272	333
Per bill	Dollars	21	35	45	49	55	106	111	112	117
Home health:										
Bills approved	1,000	430	543	738	804	871	44	64	72	78
Reimbursements	Mil. dol	23	55	90	105	126	5	9	10	12
Per bill	Dollars	53	101	122	131	144	116	137	145	158
Other:										
Bills approved	1,000	2,380	6,496	9,093	10,384	11,999	672	1,207	1,413	1,850
Reimbursements	Mil. dol	70	212	361	446	563	100	204	260	330
Per bill	Dollars	30	33	40	43	47	148	169	184	178

¹ Coverage not limited with respect to age. ² Per 1,000 enrollees; enrollment as of July 1. ³ Data reflect date paid claims were recorded in Health Care Financing Administration records.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, quarterly and unpublished data. Also in U.S. Social Security Administration, *Social Security Bulletin*, monthly.

No. 549. MEDICARE AND MEDICAID—SUMMARY, BY STATES AND OTHER AREAS: 1975 TO 1979

STATE OR OTHER AREA	MEDICARE								MEDICAID ³			
	Enrollment, 1979 ¹ (1,000)		Payments ² (mil. dol.)						Recipi- ents, ⁴ 1979 (1,000)	Payments (mil. dol.)		
			Hospital insurance			Medical insurance				1975	1978	1979
	Hospi- tal insur- ance	Medi- cal insur- ance	1975	1978	1979	1975	1978	1979				
Total	27,459	26,757	11,315	17,682	20,623	4,273	7,252	8,708	21,540	12,292	17,966	20,474
U.S. ⁵	26,889	26,520	11,276	17,622	20,552	4,260	7,216	8,667	20,092	12,177	17,865	20,388
Ala.....	468	466	145	246	311	58	104	121	328	131	185	240
Alaska.....	12	10	4	9	11	2	3	4	17	9	22	27
Ariz.....	309	301	107	178	204	51	92	103	(x)	(x)	(x)	(x)
Ark.....	335	332	84	149	179	39	69	88	213	93	174	192
Calif.....	2,519	2,501	1,230	1,932	2,279	606	1,004	1,285	3,374	1,491	2,357	2,558
Colo.....	257	252	102	153	190	42	68	78	151	98	156	163
Conn.....	381	376	196	261	304	64	108	132	220	161	255	296
Del.....	64	63	26	43	50	9	16	19	45	15	30	38
D.C.....	74	73	39	70	86	20	33	39	131	94	119	139
Fla.....	1,633	1,625	623	1,000	1,203	302	563	672	436	173	245	342
Ga.....	556	554	174	268	320	74	127	158	401	256	354	383
Hawaii.....	76	75	26	43	52	13	24	29	110	37	80	86
Idaho.....	100	97	33	48	55	12	19	22	41	24	38	45
Ill.....	1,313	1,294	642	1,078	1,286	191	356	353	1,016	682	951	992
Ind.....	827	814	240	379	444	74	123	147	226	172	268	315
Iowa.....	409	403	158	239	280	46	76	91	169	82	180	208
Kans.....	319	315	126	222	247	45	77	89	150	102	164	164
Ky.....	446	443	147	215	261	40	70	85	407	100	199	249
La.....	429	405	136	230	269	47	81	100	388	143	280	342
Maine.....	154	152	59	96	112	20	33	37	157	60	101	114
Md.....	403	393	181	325	383	64	119	154	294	187	226	259
Mass.....	758	748	484	654	745	136	216	282	1,046	494	714	902
Mich.....	1,003	988	530	823	979	166	297	363	898	623	901	1,036
Minn.....	501	496	226	333	356	74	113	131	304	255	424	474
Miss.....	311	310	94	157	175	37	61	74	276	94	160	149
Mo.....	689	678	289	472	549	85	140	177	338	99	200	239
Mont.....	91	89	28	48	55	12	19	23	42	29	50	53
Nebr.....	215	212	79	126	148	26	39	47	69	54	85	94
Nev.....	67	66	27	42	62	12	26	30	22	16	25	32
N.H.....	109	106	40	62	73	13	23	28	44	28	50	60
N.J.....	913	906	420	608	682	150	281	339	663	366	516	659
N. Mex.....	122	120	37	59	75	16	29	35	86	29	48	58
N.Y.....	2,303	2,277	1,298	1,814	1,869	499	776	868	2,364	2,955	3,361	3,861
N.C.....	646	639	199	317	371	70	123	150	388	163	277	337
N. Dak.....	85	84	38	56	66	11	20	21	29	23	36	42
Ohio.....	1,261	1,237	521	847	969	170	258	343	726	366	607	670
Okla.....	389	384	139	225	263	53	84	96	258	141	199	251
Oreg.....	322	309	118	193	226	44	73	83	226	74	150	162
Pa.....	1,631	1,603	641	1,045	1,332	238	419	510	1,390	709	1,160	1,188
R.I.....	134	132	62	92	110	25	43	51	123	72	118	140
S.C.....	311	307	89	136	161	30	55	69	248	76	164	191
S. Dak.....	96	94	36	52	58	10	15	19	35	22	40	49
Tenn.....	554	551	170	279	352	59	106	129	325	123	264	323
Tex.....	1,396	1,387	499	822	967	231	384	457	681	461	730	869
Utah.....	113	108	29	53	65	14	24	28	66	31	62	79
Vt.....	63	62	28	36	43	9	14	16	49	31	46	52
Va.....	533	520	180	291	345	67	122	147	313	160	261	312
Wash.....	452	442	148	240	283	67	102	120	274	176	246	291
W. Va.....	267	264	82	133	162	24	41	51	104	29	76	93
Wis.....	602	595	247	398	453	82	135	152	420	361	501	555
Wyo.....	40	39	12	19	24	4	8	9	11	5	10	11
P.R.....	336	189	34	53	63	12	33	38	1,424	113	97	83
Outlying areas.....	7	6	2	2	2	-	1	1	⁶ 24	⁶ 2	⁶ 2	⁶ 3
Foreign.....	227	42	3	5	6	1	2	2	(x)	(x)	(x)	(x)

- Represents zero. X Not applicable.

¹ As of July. Data based on mailing address of beneficiary. ² Payments are for calendar year and represent disbursement from Federal hospital and supplementary medical insurance trust funds. Estimates of distribution by State based on interim reimbursements. ³ 1975 for fiscal year ending June 30; 1978 and 1979 for fiscal years ending Sept. 30. ⁴ Unduplicated count of persons receiving Medicaid at any time during year. ⁵ Includes data for enrollees with residence unknown.

⁶ Virgin Islands only.

Source: U.S. Health Care Financing Administration, unpublished data. Medicare data are published in U.S. Social Security Administration, *Annual Report of Board of Trustees, Hospital Insurance and Supplementary Medical Insurance Trust Funds*.

Medicaid—Black Lung Benefit Program

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NO. 550. MEDICAL ASSISTANCE (MEDICAID)—UNDUPLICATED RECIPIENTS AND PAYMENTS: 1972 TO 1979

[For years ending June 30 except, beginning 1977, ending September 30. Includes Puerto Rico and outlying areas]

BASIS OF ELIGIBILITY	RECIPIENTS (1,000)						PAYMENTS (mil. dol.)					
	1972	1975	1976	1977	1978	1979	1972	1975	1976	1977	1978	1979
Total	17,606	22,223	22,891	22,920	22,180	21,540	6,299	12,292	14,135	16,277	17,966	20,474
Age 65 and over	3,318	3,659	3,644	3,558	3,374	3,354	1,925	4,649	5,192	5,830	6,422	7,647
Blindness	108	109	94	93	75	80	45	83	86	99	102	123
Disabled ¹	1,625	2,280	2,497	2,650	2,634	2,661	1,354	2,874	3,550	4,457	5,126	6,104
AFDC ² program	10,978	14,310	14,749	14,514	14,192	13,696	2,101	4,063	4,598	4,982	5,342	5,700
Children	7,841	9,680	9,939	9,718	9,493	9,143	1,139	2,050	2,353	2,452	2,676	2,864
Adults	3,137	4,630	4,810	4,796	4,699	4,553	962	2,013	2,245	2,530	2,666	2,836
Other	1,576	1,864	1,906	2,105	1,905	1,748	875	623	710	909	974	900

¹ Permanently and totally. ² Aid to families with dependent children.

NO. 551. MEDICAL VENDOR PAYMENTS (MEDICAID), BY TYPE OF SERVICE: 1970 TO 1979

[In millions of dollars. 1970 data are for calendar year; 1971–1976, years ending June 30; beginning 1977, for years ending Sept. 30. Medical vendor payments are those made directly to suppliers of medical care. Excludes Arizona, which has no Title XIX (Medicaid) program. Includes Puerto Rico and outlying areas]

YEAR	Total	Inpatient hospital	Skilled nursing facility	Intermediate care facility	Physicians	Dental ¹	Outpatient hospital ²	Laboratory ³	Home health	Pre-scribed drugs	Family planning	Other care
1970	4,806	1,846	1,362	-	617	200	240	32	17	403	-	89
1971	5,938	2,288	1,674	-	717	181	311	25	-	473	-	269
1972	6,298	2,669	1,471	-	794	230	406	81	24	512	-	112
1973	9,640	3,009	1,959	1,060	926	288	508	105	25	609	-	154
1974	9,982	3,293	2,002	1,585	1,083	366	606	96	31	713	-	208
1975	12,292	3,811	2,446	2,215	1,248	478	766	123	70	832	67	236
1976	14,135	4,466	2,488	2,791	1,389	532	898	147	134	957	87	247
1977	16,277	5,182	2,687	3,518	1,525	588	1,057	177	180	1,027	118	217
1978	17,966	5,636	3,094	4,283	1,596	541	1,028	179	210	1,084	115	200
1979	20,474	6,436	3,369	5,277	1,638	594	1,111	186	264	1,202	108	289

- Represents zero. ¹ Includes other practitioners' services except for 1971. ² Includes clinic services except for 1971. ³ Includes radiological services.

Source of tables 550 and 551: U.S. Health Care Financing Administration, *Health Care Financing Review*, quarterly.

NO. 552. BLACK LUNG BENEFIT PROGRAM—BENEFICIARIES AND PAYMENTS: 1970 TO 1980

[Benefits payable to miners disabled because of pneumoconiosis and to their dependents and survivors as a result of Federal Coal Mine Health and Safety Act of 1969 and subsequent amendments and revisions. Claims by miners or their survivors are handled by the Social Security Administration (SSA) or the Department of Labor, depending upon the date the claim was filed. Claims filed by a miner by June 30, 1973, and those filed by survivors by December 31, 1973 were processed by SSA. Benefits under the program as administered by SSA are paid out of Federal general tax revenues. Claims filed by a miner between July 1 and December 31, 1973 and all claims filed after December 1973 were processed by Department of Labor and are paid by either a responsible mine operator or the Department of Labor]

ADMINISTRATIVE AGENCY AND YEAR	BENEFICIARIES ¹ (1,000)					AVERAGE MONTHLY PAYMENT ¹	
	Total	Miners	Widows	Dependents ²	Payments (mil. dol.)	Miner's family	Widow's family
SSA:							
1970.....	112	44	25	43	110	\$200	\$150
1975.....	482	165	139	177	948	282	207
1976.....	440	139	146	155	965	338	243
1978.....	419	130	147	143	993	369	264
1980, total ³	399	120	147	133	1,032	406	290
Pennsylvania.....	116	35	47	35	307	397	287
West Virginia.....	71	22	22	27	177	408	296
Kentucky.....	48	15	14	20	118	419	298
Virginia.....	24	7	7	10	58	420	296
Ohio.....	24	7	9	7	62	400	290
Illinois.....	22	6	10	6	61	401	286
Department of Labor:							
1975.....	(NA)	(NA)	(NA)	(NA)	10	* 187	* 328
1978.....	(NA)	(NA)	(NA)	(NA)	58	* 220	* 385
1979.....	50.7	30.7	19.4	.5	729	* 232	* 406
1980.....	80.9	52.9	26.7	.7	707	* 254	* 445

¹ As of end of year. Average monthly payment under Department of Labor portion are for years ending September 30. ² Dependent wife or child or surviving child, parent, brother or sister. ³ Includes other States not shown separately. ⁴ Data for claimant with no dependents. ⁵ Data for claimant with 2 dependents.

Source: U.S. Social Security Administration, *Social Security Bulletin*, monthly, and U.S. Department of Labor, Employment Standards Administration, *Black Lung Benefits Act, Annual Report*.

No. 553. WORKERS' COMPENSATION PAYMENTS: 1960 TO 1979

[In millions of dollars, except as indicated. See headnote, table 554. See also *Historical Statistics, Colonial Times to 1970*, series H 332-345]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Workers covered ¹ (mil.)	45	51	59	66	68	67	70	72	76	79
Annual benefits paid	1,295	1,814	3,031	5,103	5,781	6,598	7,597	8,623	9,735	11,872
By private carriers ²	810	1,124	1,843	2,514	2,971	3,422	3,976	4,629	5,256	6,157
From State funds ³	325	445	755	1,998	2,086	2,324	2,589	2,743	3,049	4,039
Employers' self-insurance ⁴	160	244	432	592	724	852	1,031	1,252	1,435	1,676
Type of benefit:										
Medical/hospitalization	435	600	1,050	1,480	1,760	2,030	2,380	2,680	2,960	3,470
Compensation payments	860	1,214	1,981	3,623	4,021	4,568	5,217	5,943	6,775	8,402
Disability	755	1,074	1,751	2,953	3,351	3,843	4,402	5,068	5,815	7,137
Survivor	105	140	230	670	670	725	815	875	960	1,265
Percent of covered payroll:										
Workers' compensation costs ⁵ ⁶	.93	1.00	1.11	1.17	1.24	1.32	1.48	1.73	1.86	1.93
Benefits ⁶	.59	.61	.66	.70	.75	.83	.88	.93	.95	.98

¹ Estimated per month. ² Net cash and medical benefits paid under standard workers' compensation policies. ³ Net cash and medical benefits paid by competitive and exclusive State funds and by Federal workers' compensation programs, including black lung benefit program beginning 1970. ⁴ Cash and medical benefits paid by self-insurers, plus value of medical benefits paid by employers carrying workers' compensation policies that exclude standard medical coverage. ⁵ Premiums written by private carriers and State funds, and benefits paid by self-insurers increased by 5-10 percent to allow for administrative costs. Also includes benefits paid and administrative costs of Federal system for government employees. ⁶ Excludes programs financed from general revenue—black lung benefits and supplemental pensions in some States.

Source: U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*, and unpublished data.

No. 554. WORKERS' COMPENSATION PAYMENTS, BY STATES: 1970 TO 1979

[In millions of dollars. Payments represent cash and medical benefits and include insurance losses paid by private insurance carriers (compiled from the *Spectator (Insurance by States . . . of Casualty Lines)*, from reports of State Insurance commissions, and from A. M. Best Co.); net disbursements of State funds (from the *Spectator*, from *Argus Casualty and Surety Chart*, and from State reports), estimated for some States; and self-insurance payments, estimated from available State data. Calendar-year data, except fiscal-year data for Federal civilian and other programs and for a few States with State funds. Includes benefit payments under Longshoremen's and Harbor Workers' Compensation Act and Defense Bases Compensation Act for States in which such payments are made]

STATE	1970	1975	1977	1978	1979	STATE	1970	1975	1977	1978	1979
Total	3,030.6	6,597.8	8,622.9	9,735.4	11,872.1	Nev	11.4	24.8	37.7	50.4	59.5
Ala	25.2	48.7	73.0	84.6	96.0	N.H.	7.0	17.4	26.3	30.9	38.9
Alaska	6.9	18.5	51.6	56.9	52.3	N.J.	135.0	194.8	245.3	268.4	296.2
Ariz	39.3	68.0	79.6	87.2	102.0	N. Mex.	11.1	21.1	29.5	36.6	45.9
Ark	20.9	37.9	48.4	56.3	65.6	N.Y.	273.9	406.7	475.7	496.6	569.0
Calif	420.7	791.6	1,128.3	1,246.8	1,422.3	N.C.	29.6	50.8	77.3	93.7	110.6
Colo	23.8	44.2	60.8	73.8	88.7	N. Dak	4.8	7.6	11.6	12.9	15.2
Conn	39.5	64.0	78.4	89.0	105.7	Ohio	197.0	444.7	477.5	531.5	633.3
Del	5.2	9.8	13.4	16.4	16.7	Okla	29.1	59.7	76.7	82.9	106.6
D.C.	8.5	26.7	45.1	51.1	60.3	Oreg	50.6	137.4	195.4	224.4	251.4
Fla	94.9	264.1	301.4	307.9	325.9	Pa	123.5	205.4	342.0	407.1	494.6
Ga	34.8	77.5	109.4	129.9	155.0	R.I.	11.1	18.6	27.8	36.0	45.2
Hawaii	13.7	27.1	34.4	39.7	45.9	S.C.	17.6	32.5	46.1	52.2	64.2
Idaho	7.3	20.8	28.8	29.8	35.2	S. Dak	3.0	5.5	7.2	9.1	11.0
Ill	144.1	238.7	395.0	490.0	582.8	Tenn	35.3	61.6	83.9	95.9	114.6
Ind	43.9	59.7	76.1	89.7	103.6	Tex	159.1	360.3	449.5	506.3	594.3
Iowa	18.6	37.4	57.0	71.5	85.9	Utah	7.2	16.3	23.8	28.4	34.0
Kans	18.2	33.7	47.2	56.2	67.7	Vt	3.8	6.4	8.9	10.4	13.6
Ky	26.1	60.5	93.4	102.6	119.3	Va	30.2	65.9	100.3	119.6	146.0
La	63.9	114.6	160.9	198.8	237.5	Wash	62.8	157.4	198.6	224.8	252.6
Maine	7.9	19.7	33.3	44.5	64.1	W. Va	25.5	75.9	109.0	125.6	148.5
Md	38.8	73.4	109.3	133.2	155.6	Wis	44.1	70.0	111.7	123.3	152.9
Mass	90.4	146.0	176.2	191.5	241.4	Wyo	2.2	4.3	8.3	9.6	12.9
Mich	197.9	333.7	436.5	497.0	579.6	Federal programs:					
Minn	46.5	86.0	135.2	173.5	212.2	Civilian employees	119.5	358.8	543.4	617.7	691.5
Miss	16.2	27.3	36.2	42.1	51.2	Black lung benefits ¹	110.0	957.2	967.8	1,022.6	1,712.1
Mo	41.3	63.6	78.8	92.2	106.4	Other ²	12.0	8.7	8.7	8.7	8.5
Mont	9.6	16.8	23.8	29.4	33.9						
Nebr	9.9	17.9	23.3	28.1	36.2						

¹ Includes payments by Department of Labor. ² Primarily payments made to dependents of reservists who died while on active duty in the Armed Forces.

Source: U.S. Social Security Administration, *Social Security Bulletin*, Sept. 1981 and earlier issues; and unpublished data.

No. 555. PERSONS WITH WORK DISABILITY, BY SELECTED CHARACTERISTICS: 1978

[In millions, except percent. As of summer. Covers civilian noninstitutional population and members of Armed Forces living off post or with their families on post. Persons are classified as having a work disability if they have a health condition that limits the kind or amount of work they can do. Based on 1978 Survey of Disability and Work; a sample survey conducted by U.S. Bureau of the Census. Subject to sampling variability, for details, contact source]

CHARACTERISTIC	All persons, 18-64 years old ¹	PERSONS WITH WORK DISABILITY						Persons with no disability
		Total		Severely ¹		Partially ²		
		Number	Percent	Number	Percent	Number	Percent	
Total, 18 to 64 years old.....	127.0	21.8	17.2	10.9	8.6	10.9	8.6	105.3
Male.....	63.1	10.1	16.0	4.7	7.4	5.4	8.5	53.0
Female.....	64.0	11.7	18.3	6.2	9.7	5.5	8.7	52.2
White.....	111.2	18.4	16.6	8.9	8.0	9.5	8.6	92.7
Black.....	13.5	3.0	22.2	1.8	13.5	1.2	8.7	10.5
Spanish origin ³	5.7	1.2	20.6	.8	13.6	.4	7.0	4.6
18-24 years old.....	26.8	1.7	6.3	.6	2.2	1.1	4.0	25.1
25-34 years old.....	31.5	3.2	10.2	.9	3.0	2.3	7.2	28.3
35-44 years old.....	24.9	3.7	14.9	1.6	6.5	2.1	8.5	21.2
45-54 years old.....	23.7	5.7	24.1	2.7	11.3	3.0	12.8	18.0
55-64 years old.....	20.3	7.5	36.9	5.0	24.9	2.4	12.1	12.8
Poverty status: ⁴								
In poverty.....	10.9	3.1	28.3	2.2	20.1	.9	8.2	7.8
Not in poverty.....	116.2	18.7	16.1	8.7	7.5	10.0	8.6	97.5

¹Unable to work altogether or unable to work regularly. ²Covers the occupationally disabled who are able to work regularly, but unable to do the same work as before the onset of disability or unable to work full time; those with secondary work limitations who are able to work full time, regularly, and at the same work but with limitations in the kind or amount of work they can perform. Includes persons with limitations in keeping house. ³Persons of Spanish origin may be of any race. ⁴For explanation of poverty level, see text, p. 419.

Source: U.S. Social Security Administration, unpublished data.

No. 556. VOCATIONAL REHABILITATION—SUMMARY: 1960 TO 1979

[In thousands, except as indicated. For years ending June 30 except beginning 1977, for years ending Sept. 30. Vocational rehabilitation of the disabled defined as restoration, preservation, or development of the ability to function in productive activity. Rehabilitation services provided by State agencies with matching State and Federal funds include medical restoration, training, guidance, and placement services. See also *Historical Statistics, Colonial Times to 1970*, series H 392-397]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979
Referred and extended evaluation cases processed.....	1,258	1,386	765	1,047	1,164	1,088	998	959	913
Percent accepted into program.....	49	50	54	49	46	42	44	44	45
Federal and State expenditures (mil. dol.).....	79	154	558	810	867	898	956	986	1,049
Federal expenditures (mil. dol.).....	48	94	432	636	673	700	733	755	800
Percent of total expenditures.....	61	61	77	79	78	78	77	77	76
Total persons rehabilitated ³.....	88.3	134.9	267.0	361.1	324.0	303.3	291.2	294.4	288.3
Rehabilitation rate ⁴	75	76	77	73	70	63	64	65	65
Disability:									
Amputation or missing members.....	8.6	9.0	9.5	8.5	7.7	7.4	7.0	7.3	7.3
Orthopedic impairments.....	27.0	36.9	45.7	56.6	52.7	51.6	52.7	58.4	60.0
Blindness and other visual.....	9.4	13.1	22.4	28.3	27.4	27.4	26.2	27.6	25.2
Deafness and other hearing.....	5.4	8.1	14.3	16.7	15.9	16.0	16.2	16.9	17.5
Mental illness.....	5.7	18.3	63.3	104.2	92.8	85.8	78.0	78.2	58.1
Mental retardation.....	2.9	10.2	30.4	41.9	38.3	36.0	34.2	36.2	34.7
Digestive system disorders.....	(NA)	(NA)	23.0	21.5	21.7	20.9	16.8	16.3	14.6
Genito-urinary system disorders.....	(NA)	(NA)	7.8	8.2	9.3	9.2	8.8	9.1	8.6
Other disabilities.....	29.2	39.2	40.2	46.2	44.1	41.3	39.5	41.6	60.2
Type of job placement:									
Professional, technical, managerial ⁵	7.5	11.6	24.5	35.4	36.4	36.8	34.4	37.1	36.1
Clerical and sales ⁵	15.2	20.9	40.0	50.5	46.3	43.0	41.2	45.4	46.1
Service.....	17.0	27.9	57.8	68.0	64.6	59.9	54.8	56.5	55.2
Agriculture, fishing, etc.....	7.0	7.6	9.2	9.8	9.5	9.2	7.9	8.2	7.8
Industrial: Skilled.....	10.9	15.2	22.1	31.6	28.4	27.1	25.8	28.0	27.9
Semiskilled and unskilled.....	18.5	26.0	55.9	81.1	66.8	60.6	58.4	62.6	60.7
Homemakers ⁶	12.1	21.6	42.5	50.1	53.7	53.3	46.2	43.9	42.6
Persons served, total ⁷.....	298	441	876	1,202	1,244	1,238	1,205	1,168	1,128

NA Not available. ¹Referred cases only. ²Excludes separate agencies for the blind in Idaho and New Jersey. ³Persons rehabilitated and gainfully employed. Includes persons not reporting type of disability or job placement. ⁴Persons rehabilitated as a percent of all active case closures (whether rehabilitated or not). ⁵Includes vending stand personnel. ⁶Includes unpaid family workers. ⁷Includes active cases accepted during year plus active cases on hand at beginning of year.

Source: U.S. Office of Special Education and Rehabilitative Services, *Characteristics of Clients Rehabilitated, Caseload Statistics of State Vocational Rehabilitation Agencies in Fiscal Years*, and *State Vocational Rehabilitation Agency Program Data in Fiscal Years*, all annual.

NO. 557. STATE UNEMPLOYMENT INSURANCE—SUMMARY,

[Beginning 1965, includes Puerto Rico; beginning 1978, includes Virgin Islands. Includes unemployment compensation for employees and for ex-servicemen, except as noted. See also tables 558

YEAR AND STATE OR OTHER AREA	Statutory coverage provisions ¹ (effective July 1980)	COVERED EMPLOYMENT ²		AVERAGE WEEKLY—				Weeks compensated for all unemployment (1,000)	
		Average monthly number of workers ³ (1,000)	Wages (mil. dol.)		Insured unemployment		Unemployment benefits		
			Total	Taxable ⁴	Num- ber (1,000)	Per- cent ⁵	Cur- rent dollars		Percent of weekly wage
1960.....	(x).....	40,523	196,634	119,289	1,906	4.8	32.87	35.2	85,630
1965.....	(x).....	45,495	260,210	143,977	1,328	3.0	37.19	33.8	58,813
1970.....	(x).....	52,814	387,980	182,320	1,805	3.4	50.34	35.6	78,858
1973.....	(x).....	64,645	549,971	253,746	1,632	2.7	59.00	36.1	71,223
1974.....	(x).....	66,696	609,894	285,375	2,262	3.5	64.25	36.5	97,803
1975.....	(x).....	65,411	642,711	285,229	3,986	6.0	70.23	37.2	175,305
1976.....	(x).....	71,066	716,066	303,222	2,991	4.6	75.16	37.1	127,425
1977.....	(x).....	70,830	794,567	323,821	2,655	3.9	78.79	36.5	113,244
1978.....	(x).....	83,173	992,196	412,530	2,359	3.3	83.67	37.0	100,964
1979.....	(x).....	86,613	1,120,585	444,384	2,433	2.9	89.67	35.9	106,112
1980.....	(x).....	86,924	1,228,388	458,885	3,350	3.9	98.86	37.5	148,944
Ala.....	20 weeks.....	1,253	15,708	6,610	57	4.5	76.76	32.4	2,520
Alaska.....	At any time.....	¹¹ 149	¹¹ 3,485	¹¹ 1,321	11	7.7	85.14	18.7	576
Ariz.....	20 weeks.....	979	13,344	5,017	24	2.5	83.44	32.3	894
Ark.....	10 days.....	709	8,184	3,588	35	4.8	83.44	40.4	1,423
Calif.....	Over \$100 in any qtr.....	9,780	149,019	51,568	373	3.9	86.41	29.7	16,779
Colo.....	13 weeks or \$500 in qtr.....	1,180	16,818	6,335	23	2.0	110.99	41.0	829
Conn.....	20 weeks.....	¹¹ 1,395	¹¹ 19,959	¹¹ 7,147	37	2.7	103.17	37.6	1,696
Del.....	20 weeks.....	250	3,797	1,201	8	3.4	108.47	38.1	431
D.C.....	At any time.....	376	6,148	1,842	10	2.7	122.22	39.8	547
Fla.....	20 weeks.....	3,503	43,691	18,298	64	2.0	74.49	31.2	2,223
Ga.....	20 weeks.....	2,029	25,744	10,373	51	2.6	78.68	33.2	2,444
Hawaii.....	At any time ¹²	382	4,952	2,689	10	2.7	106.11	41.9	445
Idaho.....	20 wks. or \$300 in qtr.....	303	3,820	2,095	16	5.1	97.46	40.9	623
Ill.....	20 weeks.....	4,424	69,006	24,882	213	4.6	114.60	41.4	10,303
Ind.....	20 weeks.....	¹³ 2,038	¹³ 29,102	¹³ 10,454	89	4.2	84.96	31.0	3,957
Iowa.....	20 weeks.....	1,059	13,801	5,627	35	3.2	117.02	47.1	1,679
Kans.....	20 weeks.....	890	11,508	4,313	24	2.7	105.84	42.9	1,128
Ky.....	20 weeks.....	1,112	14,707	5,524	61	5.3	101.33	40.3	2,774
La.....	20 weeks.....	1,508	21,512	8,278	37	2.5	108.52	40.2	2,032
Maine.....	20 weeks.....	393	4,508	1,861	17	4.5	85.55	39.3	785
Md.....	At any time.....	1,551	20,795	7,045	48	3.1	91.71	36.2	2,100
Mass.....	13 weeks.....	2,536	34,676	13,144	82	3.3	97.38	37.5	3,691
Mich.....	20 wks. or \$1,000 a yr.....	3,239	54,372	16,441	285	8.8	101.87	32.8	11,758
Minn.....	20 weeks.....	1,675	23,087	9,559	51	3.0	117.72	44.5	2,431
Miss.....	20 weeks.....	773	8,604	3,768	32	4.0	69.26	33.8	1,279
Mo.....	20 weeks.....	1,849	25,103	9,111	80	4.2	88.41	33.9	3,284
Mont.....	Over \$500 in year.....	251	3,138	1,950	11	4.5	98.11	41.9	458
Nebr.....	20 weeks.....	587	7,072	2,577	11	1.9	93.78	41.5	503
Nev.....	\$225 in quarter.....	387	5,441	2,771	12	3.1	100.09	37.7	542
N.H.....	20 weeks.....	369	4,463	1,791	8	2.1	84.82	37.4	361
N.J.....	\$1,000 in any year.....	2,960	44,374	16,813	137	4.7	100.69	35.1	6,837
N. Mex.....	20 wks. or \$450 in qtr.....	413	5,286	2,244	11	2.7	82.74	34.1	451
N.Y.....	\$300 in quarter.....	6,945	108,380	33,707	268	3.9	93.07	31.9	12,249
N.C.....	20 weeks.....	2,289	27,113	11,470	67	2.9	87.09	38.5	2,845
N. Dak.....	20 weeks.....	216	2,606	1,116	7	3.3	105.94	46.1	323
Ohio.....	20 weeks.....	4,121	61,348	20,762	209	4.9	124.95	44.6	9,025
Okl.....	20 weeks.....	1,081	14,858	5,710	18	1.7	99.75	38.2	688
Oreg.....	18 wks. or \$225 in qtr.....	990	13,946	6,936	54	3.4	98.86	36.6	2,234
Pa.....	At any time.....	4,487	63,856	22,440	237	5.2	115.56	42.2	11,362
R.I.....	At any time.....	388	4,793	2,068	20	5.3	89.04	38.4	947
S.C.....	20 weeks.....	1,120	13,154	5,559	38	3.5	82.19	36.7	1,604
S. Dak.....	20 weeks.....	215	2,323	912	4	2.0	96.87	46.9	183
Tenn.....	20 weeks.....	1,647	20,358	8,274	71	4.2	78.04	33.2	3,156
Tex.....	20 weeks.....	5,583	80,468	31,503	78	1.5	86.22	31.2	3,145
Utah.....	\$140 in quarter.....	486	6,446	3,424	15	3.0	105.70	41.9	651
Vt.....	20 weeks.....	189	2,208	876	8	4.4	90.13	40.4	370
Va.....	20 weeks.....	1,920	24,220	9,836	37	2.0	95.54	40.2	1,760
Wash.....	At any time.....	1,535	23,739	10,913	70	4.6	110.43	37.3	2,993
W. Va.....	20 weeks.....	604	8,670	3,048	32	5.2	105.92	37.3	1,588
Wis.....	20 weeks.....	1,858	25,262	8,663	98	5.2	117.47	45.2	4,167
Wyo.....	\$500 in year.....	198	3,072	1,144	3	1.5	107.51	36.2	129
P.R.....	At any time.....	712	5,834	4,141	52	7.3	50.06	34.3	1,678
V.I.....	At any time.....	36	411	145	1	3.4	66.06	32.1	61

X Not applicable. ¹ Employer subject to State unemployment insurance law when he has employed at least one worker on at least 1 day in each of specified number of weeks within current or preceding calendar year and/or specified wages as indicated.

² Source: U.S. Bureau of Labor Statistics, *Employment and Wages*, quarterly. 1980 data are preliminary. ³ For pay period including the 12th of the month. ⁴ Wages subject to unemployment insurance tax, includes State and local government coverage as well as private industry coverage; see text, p. 315. ⁵ Insured unemployment as percent of average covered employment in preceding year. ⁶ Weeks compensated divided by first payment. ⁷ Based on first payments for 12-month period ending June 30.

1960 TO 1980, AND STATES AND OTHER AREAS, 1980

State and local government employees where covered by State law; excludes unemployment compensation for Federal and 662 of this *Abstract and Historical Statistics, Colonial Times to 1970, series H 305-317*

Beneficiaries, first payments (1,000)	Average duration of benefits ⁶ (weeks)	CLAIMANTS EXHAUSTING BENEFITS		Contributions collected ⁸ (mil. dol.)	Benefits paid ⁹ (mil. dol.)	Funds available for benefits, end of year ¹⁰ (mil. dol.)	Average employer contribution rate (percent)	Ratio of benefits to contributions (percent)	YEAR AND STATE OR OTHER AREA
		Number (1,000)	As percent of first payment ⁷						
6,753	12.7	1,603	26.1	2,289	2,727	6,643	1.9	119.1	1960.
4,813	12.2	1,086	21.5	3,053	2,166	8,357	2.1	70.9	1965.
6,402	12.3	1,295	24.4	2,507	3,848	11,896	1.3	153.5	1970.
5,329	13.4	1,495	27.7	5,000	4,008	10,934	2.0	80.2	1973.
7,730	12.7	1,926	31.0	5,228	5,975	10,599	2.0	114.3	1974.
11,160	15.7	4,195	37.8	5,227	11,755	4,523	1.9	224.9	1975.
8,560	14.9	3,270	37.8	7,532	8,975	3,343	2.6	119.2	1976.
7,985	14.2	2,850	33.2	9,170	8,357	4,387	2.8	91.1	1977.
7,565	13.3	2,039	26.7	11,208	7,717	9,307	2.8	68.8	1978.
8,074	13.1	2,037	26.7	12,098	8,613	12,470	2.7	71.2	1979.
9,992	14.9	3,074	33.2	11,416	13,778	11,464	2.4	120.7	1980
210	12.0	54	27.9	148	176	83	1.8	118.8	Ala.
32	17.8	9	24.5	64	44	90	4.0	69.5	Alaska.
72	12.5	17	27.8	87	71	269	1.8	81.7	Ariz.
118	12.1	31	30.3	69	113	3	1.9	164.0	Ark.
1,068	15.7	337	34.0	1,452	1,358	3,038	2.6	93.5	Calif.
77	10.8	22	34.9	70	86	125	.9	122.8	Colo.
137	12.4	20	14.9	174	164	109	2.4	93.9	Conn.
31	13.7	6	22.0	35	42	7	2.9	120.8	Del.
26	20.7	11	40.7	59	55	23	3.0	94.1	D.C.
185	12.0	66	38.4	229	153	797	1.2	66.4	Fla.
248	9.9	70	30.7	173	176	471	1.8	101.6	Ga.
33	13.5	7	24.4	58	41	103	2.0	70.4	Hawaii.
50	12.4	15	30.8	44	54	87	2.1	123.5	Idaho.
555	18.6	232	46.1	829	1,206	77	3.5	145.5	Ill.
297	13.2	113	39.9	149	319	244	1.3	213.7	Ind.
142	11.9	32	31.2	142	189	114	2.6	133.0	Iowa
88	12.8	22	29.3	83	114	224	1.9	136.7	Kans.
185	15.0	63	36.7	147	256	42	2.6	174.3	Ky.
135	15.1	42	32.9	178	208	221	2.0	116.7	La.
72	10.8	19	26.5	59	57	34	2.9	96.4	Maine.
149	14.1	36	26.3	270	178	385	4.1	66.0	Md.
246	15.0	62	26.7	432	316	238	3.1	73.2	Mass.
650	18.1	308	45.2	618	1,141	276	3.9	184.8	Mich.
159	15.3	54	38.2	194	284	12	2.1	146.6	Minn.
100	12.8	22	25.5	75	85	237	2.1	113.2	Miss.
244	13.4	83	36.8	107	278	125	1.0	260.7	Mo.
36	12.7	12	37.4	44	41	18	2.9	93.6	Mont.
44	11.3	13	36.9	37	44	79	1.2	118.8	Nebr.
45	12.0	10	26.4	80	53	130	2.9	66.1	Nev.
45	8.1	3	7.3	24	30	82	1.3	124.3	N.H.
424	16.1	157	37.9	661	676	134	3.7	102.3	N.J.
30	15.0	9	33.3	39	33	91	1.8	84.8	N. Mex.
611	20.0	213	34.5	1,136	1,008	514	3.4	88.7	N.Y.
304	9.4	48	19.7	223	231	600	2.1	103.4	N.C.
24	13.4	8	39.5	29	32	16	2.8	111.8	N. Dak.
556	16.2	182	35.9	464	1,076	57	2.2	231.7	Ohio.
59	11.7	18	35.8	67	63	193	1.1	93.6	Okla.
163	13.7	35	23.9	211	203	345	3.0	96.1	Oreg.
678	16.7	156	22.4	1,008	1,164	151	3.0	115.5	Pa.
68	14.0	25	35.8	80	76	27	4.2	94.8	R.I.
171	9.4	31	28.5	115	124	198	2.1	107.7	S.C.
16	11.2	3	21.3	10	17	11	1.0	160.0	S. Dak.
228	13.8	65	31.5	153	234	200	1.9	152.9	Tenn.
256	12.3	90	40.4	111	251	277	.5	227.1	Tex.
48	13.7	13	30.3	52	62	61	1.5	117.7	Utah.
27	13.7	5	21.6	28	28	18	3.4	98.9	Vt.
145	12.1	39	33.1	117	154	67	1.3	131.7	Va.
205	14.6	44	24.4	331	300	357	3.0	90.6	Wash.
120	13.2	26	23.0	79	158	1	2.6	199.2	W. Va.
293	14.2	69	26.9	236	451	257	2.7	191.3	Wis.
12	10.8	2	23.8	13	16	73	1.4	122.2	Wyo.
69	24.3	42	58.2	114	84	67	3.0	73.1	P.R.
4	16.5	1	38.8	5	3	3	3.7	60.4	V.I.

⁶ Contributions from employers; also employees in States which tax workers. ⁹ Through 1970, includes payments under State (not Federal) temporary extended unemployment insurance provisions. ¹⁰ Sum of balances in State clearing accounts, benefit-payment accounts, and State accounts in Federal unemployment trust funds. ¹¹ For one quarter. ¹² Also covers employers of 20 or more agricultural workers in 20 weeks. ¹³ For three quarters.

Source: Except as noted, U.S. Employment and Training Administration, *Unemployment Insurance Statistics*, monthly, and *Annual Report of the Secretary of Labor*.

**NO. 558. UNEMPLOYMENT INSURANCE—ALL PROGRAMS AND FEDERAL PROGRAMS, SUMMARY, 1960
TO 1980, AND BY STATES AND OTHER AREAS, 1980**

YEAR AND STATE OR OTHER AREA	ALL REGULAR PROGRAMS ¹				UCFE (Federal employee) PROGRAM				UCX PROGRAM ⁵	
	Initial claims (1,000)	Weeks compensated (1,000)	Average weekly beneficiaries (1,000)	Benefits paid ² (mil. dol.)	Covered employment ³		Beneficiaries, first payments ⁴ (1,000)	Benefits paid ² (mil. dol.)	Beneficiaries, first payments ⁴ (1,000)	Benefits paid ² (mil. dol.)
					Average monthly (1,000)	Annual wages (mil. dol.)				
1960.....	17,718	89,941	1,723	2,867	2,188	13,074	94.0	55.7	207.0	84.3
1965.....	12,441	61,804	1,189	2,283	2,609	17,877	72.9	50.0	153.4	67.5
1970.....	16,100	84,319	1,621	4,171	2,881	28,141	94.2	79.7	352.1	203.2
1973.....	13,362	76,229	1,466	4,487	2,832	33,878	105.6	128.3	230.3	209.4
1974.....	19,436	103,178	1,984	6,912	2,893	36,872	105.5	148.7	248.5	249.2
1975.....	25,479	182,835	3,516	19,628	2,900	39,968	120.4	277.3	303.5	528.5
1976.....	20,705	135,000	2,596	16,157	2,895	42,852	144.5	305.4	281.6	593.0
1977.....	20,070	119,526	2,299	13,023	2,878	45,746	125.0	275.4	234.1	470.7
1978.....	16,481	105,326	2,025	9,007	2,923	50,091	96.4	175.5	175.2	277.7
1979.....	20,614	110,202	2,119	9,401	2,940	53,364	79.4	163.6	181.4	287.5
1980, total.....	25,861	153,253	2,947	16,197	3,017	58,300	81.6	181.0	187.5	357.7
Ala.....	518	2,602	50	209	66	1,325	1.9	3.7	3.1	6.0
Alaska.....	66	619	12	56	⁹ 18	⁹ 377	1.7	4.4	.7	1.7
Ariz.....	191	936	18	81	38	706	1.8	2.3	1.9	2.6
Ark.....	320	1,460	28	130	21	367	.7	1.3	1.8	3.7
Calif.....	2,939	17,192	331	1,497	324	6,315	5.4	19.5	13.5	30.2
Colo.....	189	880	17	101	52	1,003	1.3	2.0	2.6	5.1
Conn.....	316	1,737	33	179	⁹ 23	⁹ 424	.6	.8	4.2	3.8
Del.....	80	449	9	47	6	103	.2	.3	.9	1.4
D.C.....	44	633	12	71	227	5,228	3.2	11.3	.7	2.3
Fla.....	409	2,326	45	181	91	1,770	1.2	2.1	6.0	9.3
Ga.....	657	2,550	49	207	86	1,569	2.0	3.2	4.7	8.1
Hawaii.....	78	478	9	48	31	648	.7	1.6	1.4	2.7
Idaho.....	132	657	13	66	13	224	1.4	2.6	1.2	2.3
Ill.....	1,130	10,470	201	1,399	110	1,947	2.2	7.7	6.7	15.1
Ind.....	757	4,021	77	386	¹⁰ 43	¹⁰ 835	.7	1.2	3.5	6.3
Iowa.....	269	1,719	33	210	21	364	.3	.7	2.5	5.2
Kans.....	170	1,163	22	126	27	465	.6	1.2	1.9	3.5
Ky.....	475	2,862	55	301	40	672	2.0	5.1	2.6	7.6
La.....	290	2,112	41	236	36	674	1.0	2.6	3.5	8.3
Maine.....	193	811	16	68	10	167	.4	.6	1.3	2.3
Md.....	347	2,180	42	210	134	2,635	1.7	3.1	2.8	5.5
Mass.....	591	3,801	73	347	59	1,133	2.7	4.7	3.9	7.5
Mich.....	2,014	11,988	231	1,475	58	1,110	3.8	6.7	7.8	23.7
Minn.....	323	2,493	48	317	33	614	.9	2.0	3.0	6.0
Miss.....	255	1,314	25	96	30	526	1.1	2.3	1.3	1.7
Mo.....	715	3,373	65	323	70	1,222	1.9	3.0	3.7	7.4
Mont.....	84	466	9	49	14	241	1.3	2.1	.8	1.5
Nebr.....	84	520	10	49	17	302	.7	1.0	.4	.5
Nev.....	105	559	11	59	10	193	.5	.7	.8	1.3
N.H.....	83	371	7	32	16	295	.2	.3	1.0	1.0
N.J.....	873	7,016	135	834	76	1,562	2.1	9.5	4.0	13.7
N. Mex.....	85	488	9	41	30	537	1.2	2.1	1.5	2.5
N.Y.....	1,793	12,544	241	1,149	173	3,222	5.3	12.6	9.9	22.8
N.C.....	981	2,815	56	251	49	864	.8	1.7	3.8	6.9
N. Dak.....	49	333	6	39	10	159	.3	.5	.5	.9
Ohio.....	1,481	9,311	179	1,299	92	1,886	3.4	4.8	29.8	27.0
Okla.....	154	727	14	74	48	902	.9	1.2	2.2	2.8
Oreg.....	440	2,302	44	235	31	567	2.0	4.0	2.6	6.2
Pa.....	1,911	11,628	223	1,312	135	2,547	3.4	9.4	9.1	26.1
R.I.....	180	967	19	93	9	186	.4	1.2	.8	1.9
S.C.....	506	1,659	32	141	37	661	.8	1.1	3.1	5.3
S. Dak.....	36	191	4	19	11	187	.3	.5	.4	.7
Tenn.....	674	3,281	63	276	75	1,444	4.5	8.6	3.8	8.4
Tex.....	576	3,315	64	297	167	3,213	3.9	6.9	8.4	13.8
Utah.....	98	686	13	71	37	647	1.9	3.4	.8	1.1
Vt.....	59	377	7	31	4	78	.1	.3	.4	.7
Va.....	414	1,840	35	177	156	3,254	1.2	2.8	3.7	7.5
Wash.....	544	3,116	60	338	68	1,315	2.3	5.3	5.9	11.7
W. Va.....	191	1,617	31	177	17	294	.4	.7	1.2	3.0
Wis.....	663	4,274	82	492	29	534	1.4	3.1	4.0	9.0
Wyo.....	25	135	3	18	8	135	.6	.7	.2	.3
P.R.....	297	1,705	33	109	12	192	.5	.5	1.2	2.0
V.I.....	6	63	1	3	1	13	(z)	(z)	(z)	(z)

Z Less than 50 or \$50,000. ¹ Includes State programs shown in table 557 and UCFE and UCX programs. Represents unduplicated counts. 1960 includes temporary unemployment programs and UCV (Korea Veterans) program which terminated Jan. 31, 1960. ² Includes extended benefits payments made under regular State and Federal unemployment insurance programs, the temporary "Federal Supplemental Benefits Program," and the "Special Unemployment Assistance Program." ³ Source: U.S. Bureau of Labor Statistics, *Employment and Wages*, quarterly. ⁴ Excludes first payments filed jointly with State unemployment insurance programs. ⁵ Unemployment compensation for ex-servicemen. ⁶ Includes railroad benefits not distributed by State. ⁷ Data for States exclude FBI employment. ⁸ Includes wages not distributed by States. ⁹ Data for one quarter. ¹⁰ Data for three quarters.

Source: Except as noted, U.S. Employment and Training Administration, *Unemployment Insurance Statistics*, monthly.

NO. 559. PUBLIC AID—RECIPIENTS OF AND AVERAGE MONTHLY CASH PAYMENTS UNDER SUPPLEMENTAL SECURITY INCOME AND PUBLIC ASSISTANCE: 1960 TO 1980

[In thousands, except as indicated. As of December, except as noted. SSI: Supplemental security income. SSI data are for federally administered payments only; see text, p. 316. Excludes vendor payments for medical care (i.e., payments made directly to suppliers of medical care). Beginning 1974 Federal SSI program replaced Federal grants for aid to the aged, blind, and disabled in the 50 States and D.C.; such grants continued for Puerto Rico, Guam, and Virgin Islands. Residents of Northern Mariana Islands became eligible for SSI in 1978. Public assistance data for all years include Puerto Rico, Guam, and Virgin Islands. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 355-367]

PROGRAM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Recipients of payments:											
SSI, total ¹	(X)	(X)	(X)	(X)	3,996	4,314	4,236	4,238	4,217	4,150	4,142
Percent also receiving Social Security.....	(X)	(X)	(X)	(X)	(NA)	52.7	51.9	51.9	51.7	51.4	51.0
Male.....	(X)	(X)	(X)	(X)	(NA)	1,532	1,483	1,472	1,454	1,423	1,423
Female.....	(X)	(X)	(X)	(X)	(NA)	2,770	2,745	2,759	2,757	2,722	2,715
White.....	(X)	(X)	(X)	(X)	(NA)	2,755	2,673	2,758	2,733	2,664	2,636
Black.....	(X)	(X)	(X)	(X)	(NA)	1,120	1,101	1,156	1,153	1,141	1,138
Aged.....	(X)	(X)	(X)	(X)	2,286	2,307	2,148	2,051	1,968	1,872	1,808
Blind.....	(X)	(X)	(X)	(X)	75	74	76	77	77	77	78
Disabled.....	(X)	(X)	(X)	(X)	1,636	1,933	2,012	2,109	2,172	2,201	2,256
Old-age assistance ²	2,330	2,105	2,061	1,852	19	18	19	19	19	19	19
Aid to the blind ²	107	92	80	78	1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Aid to permanently, totally disabled ²	359	536	877	1,217	17	17	17	18	19	20	21
AFDC: ³											
Families.....	803	1,054	2,552	3,156	3,323	3,566	3,585	3,547	3,488	3,560	3,841
Recipients ⁴	3,073	4,396	9,659	10,815	11,022	11,401	11,203	10,780	10,349	10,379	11,102
Children.....	2,370	3,316	7,033	7,813	7,901	8,105	7,903	7,572	7,226	7,207	7,600
Per 1,000 children under 18 ⁵	35	45	87	113	113	119	120	118	114	113	119
General assistance cases.....	431	310	547	469	585	692	685	654	620	696	796
Average monthly payments (dol.):											
SSI, total.....	(X)	(X)	(X)	(X)	⁶ 114	114	120	125	130	156	168
Aged.....	(X)	(X)	(X)	(X)	⁶ 92	91	94	97	100	123	128
Blind.....	(X)	(X)	(X)	(X)	⁶ 143	147	153	159	164	212	213
Disabled.....	(X)	(X)	(X)	(X)	⁶ 144	141	146	150	155	182	198
Old-age assistance ²	58	63	75	78	20	21	21	22	22	42	39
Aid to the blind ²	67	78	102	111	15	15	16	17	19	39	36
Aid to permanently, totally disabled ²	55	65	95	110	14	15	15	16	17	38	35
AFDC: ³											
Families.....	108	137	190	195	216	229	242	250	256	271	288
Recipients.....	28	33	50	57	65	72	77	82	86	93	100
General assistance cases.....	72	69	112	112	140	144	154	156	157	157	162

NA Not available. X Not applicable. Z Fewer than 500. ¹Includes items not shown separately. ²Average monthly recipients and payments for the year. ³Aid to Families with Dependent Children program. ⁴Includes the children and one or both parents or one caretaker other than a parent in families where the needs of such adults were considered in determining the amount of assistance. ⁵As of June. ⁶Data for Oct.-Dec. 1974.

Source: U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*; *Social Security Bulletin*, monthly; and *Public Assistance Statistics*, monthly.

NO. 560. PUBLIC AID PAYMENTS: 1960 TO 1980

[In millions of dollars. See headnote, table 559. Supplemental security income data cover federally- and State-administered payments. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 346-354]

PROGRAM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Payments, total.....	3,276	4,023	8,443	11,397	14,060	16,313	17,499	18,222	18,577	19,477	21,994
Supplemental security income.....											
Aged.....	(X)	(X)	(X)	(X)	1,524	5,878	6,066	6,306	6,552	7,075	7,941
Blind.....	(X)	(X)	(X)	(X)	2,503	2,605	2,508	2,448	2,433	2,526	2,734
Disabled.....	(X)	(X)	(X)	(X)	130	131	138	146	152	166	190
Public assistance.....	3,276	4,023	8,443	11,397	8,814	10,435	11,433	11,916	12,025	12,402	14,053
Old-age assistance.....	1,630	1,601	1,862	1,743	5	5	5	5	5	9	9
Blind.....	86	85	98	104	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Permanently, totally disabled.....	237	418	1,000	1,610	3	3	3	3	3	9	9
Families with dependent children.....	1,001	1,660	4,853	7,212	7,917	9,211	10,141	10,604	10,730	11,069	12,477
Emergency assistance ²	(X)	(X)	11	39	64	78	56	66	81	84	113
General assistance.....	322	259	618	689	825	1,138	1,228	1,238	1,205	1,231	1,445

X Not applicable. Z Less than \$500,000. ¹Includes data not distributed by reason for eligibility. ²Emergency assistance initiated in 1968.

Source: U.S. Social Security Administration, *Social Security Bulletin*, monthly; and *Public Assistance Statistics*, monthly.

No. 561. PUBLIC AID—RECIPIENTS OF AID TO FAMILIES WITH DEPENDENT CHILDREN (AFDC) AND SUPPLEMENTAL SECURITY INCOME, STATES AND OTHER AREAS: 1970 TO 1980

[In thousands, except percent. As of December, except as noted. For explanation of methodology, see Appendix III]

STATE OR OTHER AREA	AFDC					SSI ²					PUBLIC AID ⁴ RECIPIENTS AS PERCENT OF POPULATION	
	Total recipients ¹				Recipient families, 1980	1975	1979	1980				
	1970	1975	1979	1980				Total ³	Aged	Dis- abled		
Total ⁵	9,659	11,401	10,379	11,102	3,841	4,314	4,150	4,142	1,808	2,256	7.2	6.5
Ala.....	164.3	166.5	179.1	178.3	63.2	146.5	137.2	134.1	75.6	56.6	8.5	8.1
Alaska.....	9.6	10.6	15.1	15.9	6.6	3.0	3.1	3.1	1.2	1.8	3.8	4.6
Ariz.....	60.8	68.3	49.9	59.8	21.6	28.2	29.2	29.6	11.5	17.6	4.3	3.0
Ark.....	60.2	108.6	84.7	85.0	29.8	88.5	79.4	77.8	42.7	33.7	9.1	7.2
Calif.....	1,542.4	1,428.8	1,360.3	1,498.2	511.5	665.5	702.1	717.5	319.1	380.5	9.4	8.8
Colo.....	91.6	95.0	74.5	81.0	29.5	35.4	31.4	30.5	13.0	17.1	5.1	3.7
Conn.....	96.4	134.7	135.8	139.7	49.4	23.3	23.3	23.4	7.4	15.7	4.9	5.2
Del.....	26.0	31.7	32.6	34.2	12.4	7.0	7.1	7.2	2.5	4.5	6.5	6.6
D.C.....	61.0	103.6	86.4	82.0	30.3	15.8	14.8	15.1	4.2	10.8	16.8	15.5
Fla.....	258.7	246.1	247.8	279.4	103.3	158.7	167.5	173.6	86.1	84.8	4.8	4.4
Ga.....	260.4	309.5	215.4	233.7	89.9	165.4	155.2	154.5	71.1	80.5	10.4	6.9
Hawaii.....	32.4	54.1	60.0	61.3	20.0	9.6	10.0	10.2	5.0	5.0	6.7	7.3
Idaho.....	18.8	19.7	20.5	20.3	7.5	8.8	7.4	7.5	2.6	4.8	3.4	3.0
Ill.....	483.6	803.2	661.3	691.4	222.9	137.5	123.0	123.6	35.4	86.4	8.4	7.0
Ind.....	113.9	176.3	152.3	170.2	60.2	44.3	41.1	41.4	14.7	25.6	3.9	3.7
Iowa.....	74.5	94.5	97.9	111.3	40.5	28.8	25.9	25.6	10.8	13.8	4.1	4.6
Kans.....	70.3	74.1	64.7	72.0	27.7	24.0	20.9	20.4	7.8	12.3	4.1	3.8
Ky.....	139.2	197.9	164.1	175.1	67.2	98.2	92.6	93.7	41.2	50.4	7.8	7.2
La.....	253.8	232.6	210.3	219.0	72.2	151.6	138.5	136.5	64.8	69.6	9.9	8.3
Maine.....	51.7	68.2	60.8	57.7	21.5	24.8	21.9	21.6	9.6	11.7	9.7	7.4
Md.....	160.9	218.2	209.7	220.3	80.8	48.5	48.1	48.3	15.9	31.7	6.3	6.1
Mass.....	256.1	358.9	352.2	347.8	125.2	132.3	128.3	123.6	66.3	52.1	8.5	8.3
Mich.....	445.1	675.6	646.4	752.6	246.6	119.9	116.9	113.8	37.6	74.4	8.3	8.9
Minn.....	99.3	130.0	130.1	145.6	53.9	39.2	32.8	31.9	12.8	18.5	4.2	4.2
Miss.....	138.8	186.2	171.4	176.3	59.8	125.0	112.6	111.8	60.8	49.2	13.0	11.4
Mo.....	175.3	273.1	191.0	215.7	73.5	100.8	86.2	84.4	40.0	43.1	7.7	5.9
Mont.....	18.1	19.7	18.3	19.9	7.1	8.4	7.0	6.8	2.3	4.4	3.9	3.4
Nebr.....	37.4	37.0	33.9	37.5	13.6	16.4	13.7	13.7	5.4	6.1	3.5	3.1
Nev.....	15.6	15.8	11.2	13.8	5.1	6.2	6.4	6.8	3.5	2.8	3.2	2.3
N.H.....	15.1	27.2	21.6	23.6	8.6	5.6	5.3	5.4	2.1	3.2	3.9	3.0
N.J.....	419.0	451.9	456.0	469.0	152.4	81.3	84.1	85.8	32.8	52.0	7.2	7.4
N. Mex.....	57.7	60.0	52.1	56.2	19.6	26.6	25.3	25.4	10.3	14.6	7.5	6.1
N.Y.....	1,226.3	1,248.9	1,095.4	1,109.6	367.6	403.1	372.8	365.5	136.1	225.3	8.9	8.4
N.C.....	146.9	192.0	193.4	201.8	80.1	150.5	140.0	140.6	63.6	73.8	3.0	5.8
N. Dak.....	12.1	13.6	12.7	13.1	4.9	8.0	6.5	6.3	3.2	3.0	3.5	3.0
Ohio.....	338.7	577.7	489.4	572.3	200.2	131.9	120.1	119.3	34.6	82.3	6.4	6.0
Okla.....	106.8	88.4	87.2	92.0	31.5	84.1	69.1	67.3	33.9	32.3	6.5	5.2
Oreg.....	102.7	110.2	98.2	94.0	35.4	26.0	22.3	22.2	7.3	14.4	5.5	4.9
Pa.....	565.5	637.6	621.3	637.4	218.7	147.9	166.2	163.2	56.9	103.1	6.5	6.7
R.I.....	46.1	53.8	50.3	54.0	18.8	16.2	15.1	15.0	5.9	9.0	7.3	7.2
S.C.....	71.4	138.6	149.3	156.1	57.6	82.4	83.2	83.4	38.1	43.5	7.5	7.6
S. Dak.....	19.4	25.0	20.2	18.8	6.9	9.0	7.8	8.0	3.8	4.1	5.0	4.2
Tenn.....	168.9	212.0	157.8	173.9	66.0	138.7	130.6	130.6	60.4	68.1	8.1	6.4
Tex.....	331.2	361.0	306.1	320.0	106.1	280.0	282.8	261.7	146.8	110.6	5.2	4.0
Utah.....	38.9	37.4	34.7	43.7	14.0	9.3	7.8	7.8	2.4	5.2	3.5	3.2
Vt.....	14.8	24.0	21.1	24.3	8.1	9.2	8.9	8.9	3.6	5.2	6.5	6.4
Va.....	117.5	180.2	163.2	175.9	65.3	77.5	79.7	80.6	34.6	44.6	5.0	4.6
Wash.....	149.8	144.2	143.3	173.3	61.6	53.0	46.7	45.3	15.3	29.5	5.3	4.9
W. Va.....	99.9	74.3	77.0	80.0	28.0	43.6	41.5	41.0	13.7	26.7	6.2	6.0
Wis.....	96.6	183.8	201.4	232.0	85.1	66.0	67.5	68.3	30.6	36.7	5.3	6.1
Wyo.....	6.5	6.4	6.6	7.0	2.7	2.5	1.9	1.8	0.7	1.0	2.5	1.9
P.R.....	287.6	208.1	174.8	169.7	46.2	(x)	(x)	(x)	(x)	(x)	(x)	(x)
Guam.....	2.3	3.3	4.7	5.3	1.5	(x)	(x)	(x)	(x)	(x)	(x)	(x)
V.I.....	2.2	3.9	3.0	3.4	1.2	(x)	(x)	(x)	(x)	(x)	(x)	(x)
N. Mariana.....	(x)	(x)	(x)	(x)	(x)	(x)	8.6	8.6	8.4	8.2	(x)	(x)

X Not applicable. ¹ Includes the children and one or both parents, or one caretaker relative other than a parent, in families where the needs of such adults were considered in determining the amount of assistance. ² Covers persons with Federal supplemental security income (SSI) payments and/or federally-administered State supplementation, except as noted. See text, p. 316. ³ Includes blind recipients. ⁴ Total recipients as of June of AFDC and of Federal SSI as percent of resident population. For population figures used, see table 8. ⁵ SSI totals include small number of recipients whose residence was "unknown."

⁶ Data for persons with Federal SSI payments only; State has State-administered supplementation. ⁷ Estimated. ⁸ Data for persons with Federal SSI payments only; State supplementary payments not made.

Source: U.S. Social Security Administration, *Social Security Bulletin*, monthly.

NO. 562. PUBLIC AID—PAYMENTS UNDER AID TO FAMILIES WITH DEPENDENT CHILDREN (AFDC) AND SUPPLEMENTAL SECURITY INCOME (SSI), STATES AND OTHER AREAS: 1970 TO 1980

[Data for SSI cover Federal SSI payments and/or federally-administered State supplementation, except as noted. See text, pp. 316 and 317, and Appendix III]

STATE OR OTHER AREA	AFDC							SSI				
	Payments for year (mil. dol.)				Average monthly payment per family			Payments for year (mil. dol.)			Avg. mo. payment, Dec. 1980	
	1970	1975	1979	1980	1970	1975	1980	1975	1979	1980	Aged	Dis- abled
Total.....	4,853	9,211	11,069	12,477	\$183	\$219	\$280	5,716.1	¹ 6,868.7	¹ 7,714.6	\$128	\$198
Alabama.....	26	59	81	84	62	96	110	² 152.9	² 178.4	² 195.3	² 104	² 164
Alaska.....	6	13	22	27	191	271	359	² 4.3	² 5.0	² 5.5	² 125	² 180
Arizona.....	22	32	33	40	128	131	174	² 34.9	² 46.9	² 53.2	² 122	² 186
Arkansas.....	15	50	51	51	90	125	145	89.9	98.0	107.2	97	152
California.....	853	1,349	1,895	2,328	192	248	399	1,256.3	1,657.0	1,962.0	206	290
Colorado.....	44	75	73	81	158	200	239	² 39.0	² 43.0	² 46.4	² 103	² 162
Connecticut.....	68	130	186	209	237	268	358	² 26.9	² 34.3	² 38.8	² 110	² 169
Delaware.....	9	22	30	32	131	178	227	8.0	9.9	11.0	92	165
District of Columbia.....	32	92	92	92	212	239	252	22.4	25.6	31.0	130	204
Florida.....	64	118	164	203	89	122	175	185.8	252.6	291.0	135	175
Georgia.....	78	136	114	138	103	100	133	177.6	210.4	232.9	104	163
Hawaii.....	21	60	88	91	241	325	386	14.4	17.8	19.9	151	204
Idaho.....	11	18	23	24	179	227	258	² 9.0	² 9.7	² 11.0	² 90	² 156
Illinois.....	275	773	681	721	232	284	277	² 165.8	² 185.9	² 206.5	² 109	² 172
Indiana.....	40	105	116	139	144	161	203	41.7	² 52.5	² 59.5	² 89	² 155
Iowa.....	43	95	122	144	190	278	307	28.6	30.2	33.7	83	148
Kansas.....	38	61	72	87	194	215	271	23.1	25.5	27.9	91	142
Kentucky.....	49	119	122	136	113	177	176	² 114.1	² 134.5	² 151.0	² 91	² 175
Louisiana.....	55	98	106	124	84	121	147	172.6	201.0	220.9	114	172
Maine.....	22	48	57	60	153	170	232	26.4	26.4	28.6	72	157
Maryland.....	74	144	185	214	161	175	228	64.1	73.1	82.0	102	179
Massachusetts.....	212	415	477	510	276	309	341	234.8	230.2	240.8	130	214
Michigan.....	206	655	890	1,063	210	273	379	173.3	222.8	237.0	127	210
Minnesota.....	74	134	178	207	234	256	336	³ 38.2	³ 38.8	² 41.8	² 90	² 140
Mississippi.....	18	32	56	61	47	49	88	137.4	155.4	170.8	106	172
Missouri.....	57	130	155	182	114	126	217	² 110.4	² 117.0	² 128.4	² 103	² 167
Montana.....	8	13	16	19	147	155	228	8.9	9.9	10.7	86	168
Nebraska.....	16	27	38	42	152	191	274	² 16.6	² 17.1	² 19.0	² 84	² 155
Nevada.....	5	9	9	11	105	151	207	7.3	10.3	11.1	127	170
New Hampshire.....	8	24	23	27	209	232	271	² 5.1	² 6.9	² 7.8	² 87	² 166
New Jersey.....	265	437	518	561	251	274	312	106.1	135.7	156.4	130	186
New Mexico.....	22	32	36	42	122	142	185	² 30.9	² 36.8	² 41.3	² 108	² 172
New York.....	947	1,448	1,608	1,629	266	325	371	687.7	728.7	790.7	142	219
North Carolina.....	50	121	143	154	117	158	164	² 157.5	² 189.1	² 209.8	² 99	² 164
North Dakota.....	8	12	15	16	205	226	277	² 8.2	² 8.1	² 8.6	² 89	² 157
Ohio.....	152	405	475	561	163	190	250	156.0	180.5	200.3	99	174
Oklahoma.....	45	67	85	92	138	188	250	² 92.5	² 93.6	² 100.0	² 108	² 156
Oregon.....	50	97	145	147	175	224	318	² 28.5	² 31.3	² 34.7	² 95	² 165
Pennsylvania.....	361	610	716	771	241	268	297	203.7	287.6	312.0	116	195
Rhode Island.....	29	47	61	72	220	241	325	19.6	22.1	24.6	104	174
South Carolina.....	15	46	60	72	78	88	107	³ 84.6	² 110.7	² 123.6	² 99	² 163
South Dakota.....	11	20	18	19	183	204	218	8.7	9.3	10.3	86	143
Tennessee.....	53	85	79	85	110	106	113	147.3	178.5	198.7	99	167
Texas.....	92	146	123	134	119	108	109	⁴ 274.5	⁴ 328.5	⁴ 365.0	⁴ 101	⁴ 157
Utah.....	20	34	39	48	159	227	314	³ 10.6	² 10.3	² 11.4	² 105	² 148
Vermont.....	9	21	26	32	200	261	340	12.7	14.4	15.7	108	192
Virginia.....	55	135	144	160	174	192	214	² 76.6	² 104.5	² 119.5	² 97	² 164
Washington.....	91	138	199	251	205	241	365	75.7	80.1	85.4	116	192
West Virginia.....	34	44	56	60	118	171	182	² 51.8	² 65.5	² 72.3	² 110	² 181
Wisconsin.....	61	193	288	353	213	278	366	89.1	110.7	124.1	117	202
Wyoming.....	3	5	7	8	150	163	262	2.5	² 2.4	² 2.5	² 85	² 163
Puerto Rico.....	28	25	65	60	47	46	113	(x)	(x)	(x)	(x)	(x)
Guam.....	1	2	3	3	182	191	209	(x)	(x)	(x)	(x)	(x)
Virgin Islands.....	1	2	2	2	125	129	196	(x)	(x)	(x)	(x)	(x)
N. Mariana Islands.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	⁴ 1.2	⁴ 1.4	⁴ 136	⁴ 216

X Not applicable. ¹ 1979 and 1980 figures include payments to Indochina refugees (U.S. total \$13.0 million in 1979 and \$23.6 million in 1980). In addition, totals were reduced to reflect returned checks and overpayment refunds. ² Federal SSI payments only; State has State-administered supplementation. ³ Includes federally administered State supplementation as follows: for S.C. and Utah, for months prior to July 1975; for Minn., prior to October 1975. ⁴ Federal SSI payments only.

Source: U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*, and *Public Assistance Statistics*, monthly.

NO. 563. STATE-ADMINISTERED SUPPLEMENTAL SECURITY INCOME (SSI)—RECIPIENTS AND PAYMENTS, BY STATES: 1975 TO 1980

[1980 preliminary. Recipients comprise those receiving Federal SSI payments and State-administered supplementation plus those who receive only State supplementary payments. See text, p. 317, and Appendix III]

STATE	RECIPIENTS, DEC. (1,000)			PAYMENTS FOR YEAR (mil. dol.)			STATE	RECIPIENTS, DEC. (1,000)			PAYMENTS FOR YEAR (mil. dol.)		
	1975	1979	1980	1975	1979	1980		1975	1979	1980	1975	1979	1980
Total	303.4	257.3	249.5	162	207	226	Minn.....	5.9	10.7	10.4	3	9	10
Ala.....	23.2	17.5	17.0	12	13	12	Mo.....	53.1	29.7	26.0	25	13	12
Alaska.....	3.3	2.6	1.0	3	4	2	Nebr.....	5.4	7.0	6.1	3	5	5
Ariz.....	1.5	1.4	1.7	2	1	1	N.H.....	3.3	4.1	4.5	2	4	5
Calif.....	31.1	30.8	31.8	15	22	32	N.C.....	10.3	10.4	10.7	14	22	23
Conn.....	9.7	12.1	12.7	9	16	20	Okla.....	72.6	58.2	56.4	21	39	42
Fla.....	2.1	3.1	3.2	1	2	2	Oreg.....	20.4	13.3	12.3	6	6	6
Idaho.....	3.0	3.3	3.5	1	3	3	S.C. ¹	1.2	1.5	1.6	1	2	2
Ill.....	45.2	32.0	31.0	34	25	26	Va.....	2.1	2.7	3.1	1	5	6
Ky.....	9.0	8.8	8.4	9	12	12	Other.....	.9	8.0	8.2	(Z)	3	3

Z Less than \$500,000. ¹ Optional supplementation program became effective July 1976.

Source: U.S. Social Security Administration, *Social Security Bulletin*, June issues.

NO. 564. AID TO FAMILIES WITH DEPENDENT CHILDREN (AFDC)—PERCENT DISTRIBUTION OF RECIPIENT FAMILIES AND CHILDREN, BY CHARACTERISTICS: 1975 TO 1979

[Refers to federally-aided State programs providing aid to needy children deprived of parental care or support. Based on a sample and subject to sampling variability; for details, see source]

FAMILIES	1975	1977	1979	CHILDREN	1975	1977	1979
Recipient families (1,000)	3,420	3,523	3,428	Recipient children (1,000)	8,121	7,836	7,230
PERCENT DISTRIBUTION				PERCENT DISTRIBUTION			
Metropolitan areas ¹	78.5	77.1	77.8	Basis for eligibility:			
Nonmetropolitan areas ²	21.5	22.9	22.2	Father is—			
White	50.2	52.6	51.7	Deceased.....	3.7	2.6	2.2
Black	44.3	43.0	43.9	Incapacitated.....	7.7	5.9	5.3
American Indian and other ²	5.5	4.4	4.4	Unemployed.....	3.7	5.0	4.1
Families with 1 child	37.9	40.3	42.5	Absent from home:			
Families with 2 children.....	26.0	27.3	28.0	Divorced.....	19.4	21.4	20.3
Families with 3 children.....	16.1	16.1	15.5	Separated ⁴	28.6	25.5	24.4
Families with 4 or 5 children.....	15.0	12.7	11.4	Not married to mother	31.0	33.8	37.8
Families with 6 or more children.....	5.0	3.6	2.5	Other.....	4.3	4.1	4.4
Years as recipient: ³				Mother is absent, not father.....	1.6	1.6	1.5
Under 1 year	27.7	30.8	28.5	Age:			
1-3 years	27.3	29.1	28.2	Under 6, including unborn.....	34.6	35.1	36.5
4-5 years	18.8	15.4	15.4	6-11.....	33.7	33.9	33.0
6-10 years	19.3	18.5	19.9	12-17	28.5	27.6	27.1
Over 10 years	6.3	5.4	7.1	18-20	2.4	2.6	2.7
				Unknown.....	.8	.9	.9

¹ Refers to 243 standard metropolitan statistical areas as designated in 1970 census publications. For definition, see Appendix II.

² Includes unknown or not reported. ³ Excludes unknown or not reported. ⁴ Includes legally and nonlegally separated.

Source: U.S. Social Security Administration, *1975 Recipient Characteristic Study* (Part 1), Sept. 1977, and unpublished data.

NO. 565. ORPHANS, BY TYPE: 1960 TO 1980

[Includes Puerto Rico and Virgin Islands: beginning 1977, also includes American Samoa, Guam, and citizens (including Armed Forces) overseas. Covers children under age 18 who have been orphaned at any time. Paternal orphan refers to loss of father only, maternal orphan to loss of mother only, full orphan to loss of both parents. Percent of child population based on U.S. Bureau of the Census estimated population of children under 18, as of July 1. Data not exactly comparable for all years because of changes in methodology]

YEAR	NUMBER (1,000)				PERCENT OF CHILD POPULATION			
	Total	Paternal	Maternal	Full	Total	Paternal	Maternal	Full
1960, January	2,955	2,055	840	60	4.5	3.1	1.3	.1
1965, January	3,290	2,330	890	70	4.7	3.3	1.3	.1
1970, July	3,260	2,300	890	70	4.6	3.2	1.3	.1
1977, July	3,363	2,354	957	52	5.1	3.6	1.4	.1
1978, July	3,307	2,317	940	50	5.0	3.5	1.4	.1
1979, July	3,192	2,249	895	48	4.8	3.4	1.4	.1
1980, July	3,073	2,179	850	44	4.7	3.3	1.3	.1

Source: U.S. Social Security Administration, unpublished data.

NO. 566. CHILD SUPPORT AND ALIMONY—SUMMARY, BY SELECTED CHARACTERISTICS OF WOMEN:
1978

[Women as of **spring 1979**. Child support data are for women with own children under 21 years of age present from an absent father. Alimony data are for ever-divorced and currently separated women. Covers civilian noninstitutional population. Based on Current Population Survey; see text, p. 1. For definition of mean, see Guide to Tabular Presentation.]

RECIPIENCY STATUS OF WOMEN	Unit	Total ¹	CURRENT MARITAL STATUS				RACE		EDUCATION					
			Divorced	Married ²	Single ³	Separated	White	Black	Spanish origin ⁴	Less than 12 yrs.	4 yrs. high school	1-3 yrs. college	4 or more yrs. college	
CHILD SUPPORT														
Total women with children	1,000	7,094	2,390	2,006	1,374	1,257	5,085	1,895	521	2,365	3,157	1,117	455	
Payments awarded ⁵	1,000	4,196	1,307	1,547	145	567	3,596	546	228	1,095	2,012	766	323	
Percent of total	Percent	59.1	79.8	77.1	10.6	45.1	70.7	28.8	43.8	46.3	63.7	68.6	71.0	
Supposed to receive payment in 1978	1,000	3,424	1,693	1,145	107	463	2,973	413	191	870	1,650	629	274	
Received payment	1,000	2,455	1,241	782	87	336	2,168	260	125	534	1,203	482	235	
Percent of total	Percent	34.6	51.9	39.0	6.3	26.7	42.6	13.7	24.0	22.6	38.1	43.2	51.6	
Percent of supposed	Percent	71.7	73.3	68.3	81.3	72.6	72.9	63.0	65.4	61.4	72.9	76.6	85.8	
By percent of payments received:														
100 percent and over	1,000	1,675	861	498	65	246	1,492	166	80	347	828	329	171	
75.0-99.9 percent	1,000	154	80	57	7	10	139	8	4	22	75	37	19	
50.0-74.9 percent	1,000	268	130	95	5	38	236	33	17	69	126	54	18	
0.1-49.9 percent	1,000	357	171	131	11	43	302	52	23	95	175	61	26	
Did not receive payment	1,000	969	452	363	20	127	805	154	66	336	447	147	39	
Payments not awarded	1,000	2,898	483	459	1,230	690	1,489	1,348	292	1,270	1,145	352	131	
Mean money income:														
Women received payments	Dollars	8,944	10,582	7,187	4,522	8,177	9,183	7,271	6,922	6,611	7,937	10,395	16,439	
Mean child support	Dollars	1,799	1,951	1,602	976	1,906	1,861	1,294	1,318	1,503	1,664	2,089	2,574	
Women did not receive payments	Dollars	6,216	7,837	4,587	(b)	5,425	6,140	6,872	(b)	4,507	6,149	8,777	(b)	
Women not awarded payments	Dollars	4,841	7,500	4,372	3,915	4,815	5,154	4,444	4,555	3,497	5,252	6,078	10,949	
ALIMONY														
Total divorced or separated women	1,000	14,334	5,311	5,758	(x)	2,309	11,936	2,208	780	5,128	5,920	2,101	1,185	
Payments awarded ⁵	1,000	2,052	859	835	(x)	240	1,870	165	98	638	839	351	223	
Received payments in 1978	1,000	528	339	74	(x)	110	466	41	25	119	205	120	83	
Mean income from alimony ⁶	Dollars	2,851	3,162	(a)	(x)	2,327	3,041	(b)	(b)	1,772	2,274	4,472	3,489	
Did not receive payment	1,000	232	135	71	(x)	24	200	31	19	68	96	48	20	
Payments not awarded	1,000	12,282	4,452	4,924	(x)	2,070	10,066	2,043	682	4,489	5,081	1,750	962	

B Base less than 75,000. X Not applicable. ¹Includes other items, not shown separately. ²Remarried women whose previous marriage ended in divorce. ³Never-married women. ⁴Persons of Spanish origin may be of any race. ⁵Includes women who were not supposed to receive payments in 1978, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 112.

NO. 567. SOCIAL SECURITY—CHILD BENEFICIARIES AND BENEFITS: 1965 TO 1980

[Benefits in current-payment status at end of year. For explanation of methodology, see Appendix III]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980
Beneficiaries (1,000):									
Children.....	3,093	4,122	4,776	4,972	5,036	5,083	4,938	4,794	4,610
Under age 18.....	2,689	3,315	3,755	3,835	3,819	3,813	3,701	3,566	3,426
Disabled children ¹	188	271	341	362	382	404	420	435	451
Students, 18-21 years old.....	206	537	679	774	835	865	817	793	734
Of retired workers.....	461	546	619	643	653	679	661	652	642
Of deceased workers.....	2,074	2,688	2,894	2,919	2,903	2,875	2,780	2,711	2,609
Of disabled workers.....	558	889	1,263	1,411	1,480	1,528	1,497	1,431	1,359
Annual benefits (mil. dol.):									
Children.....	1,922	3,517	5,852	6,643	7,434	8,163	8,671	9,416	10,514
Under age 18.....	1,632	2,701	4,353	4,823	5,296	5,758	5,983	6,682	7,374
Disabled children ¹	121	250	463	537	634	710	780	892	1,048
Students, 18-21 years old.....	169	566	1,036	1,283	1,504	1,695	1,908	1,842	2,093
Of retired workers.....	175	303	533	634	722	746	921	1,014	1,142
Of deceased workers.....	1,515	2,760	4,399	4,888	5,384	5,914	6,093	6,608	7,389
Of disabled workers.....	232	454	920	1,121	1,328	1,503	1,657	1,794	1,982
Average monthly benefits, Dec. (dollars):									
Children of retired workers.....	32	45	70	77	86	95	106	119	140
Children of deceased workers.....	61	82	126	139	152	166	182	206	240
Children of disabled workers.....	32	39	56	62	68	75	83	95	110

¹ 18 years old and over. Disability began before age 18 and, beginning 1973, before age 22.

Source: U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*, and unpublished data.

NO. 568. DAY CARE CENTER ENROLLMENT, BY FUNDING STATUS OF CENTER AND SELECTED CHARACTERISTICS: 1976-1977

[In thousands, except percent. Covers day care centers which are open at least 25 hours per week, have a capacity for 13 or more children (2-5 years old), operate at least 9 months per year, and have a majority of enrollment which is nonhandicapped. Based on a sample survey of 3,167 centers. Subject to sampling variability; see source]

FUNDING STATUS OF CENTER	Total enrollment	RACE			Families with children enrolled	FAMILY TYPE		1977 FAMILY INCOME		
		White	Black	Other		Two-parent	One-parent	Less than \$6,000	\$6,000-\$15,000	More than \$15,000
All centers.....	897.7	568.5	252.9	76.3	804.5	502.7	301.8	240.5	345.6	218.3
Funded, ¹ profit-making.....	91.4	67.6	18.8	5.0	84.4	49.8	34.6	26.7	37.6	20.2
Funded, ¹ non-profit.....	316.2	139.4	137.6	39.2	272.2	127.0	145.2	150.3	99.2	22.7
Non-funded, profit-making.....	238.5	193.8	31.4	13.3	240.0	179.8	60.2	12.9	108.8	118.3
Non-funded, non-profit.....	251.6	167.7	65.2	18.7	207.9	146.1	61.8	50.6	100.1	57.2
PERCENT DISTRIBUTION										
All centers.....	100	63	28	9	100	62	38	30	43	27
Funded, ¹ profit-making.....	100	74	21	5	100	59	41	32	45	24
Funded, ¹ non-profit.....	100	44	44	12	100	47	53	55	36	8
Non-funded, profit-making.....	100	81	13	6	100	75	25	5	45	49
Non-funded, non-profit.....	100	67	26	7	100	70	30	24	48	28

¹ Centers that enroll at least one child whose care is paid for at least in part by government funds.

Source: Abt Associates, Inc., *Day Care Centers in the U.S.: A National Profile, 1976-77, 1979*. Data from survey conducted for U.S. Dept. of Health and Human Services, Administration for Children, Youth, and Families.

NO. 569. DAY CARE CENTERS—NUMBER AND EXPENDITURES: 1976-1977

[See headnote, table 568]

STATUS AND SPONSORSHIP	Number	Percent distribution	ITEM	All centers	Funded ¹ profit-making	Funded ¹ non-profit	Non-funded profit-making	Non-funded non-profit
Total centers.....	18,307	100.0	Total expenditures (mil. dol.).....	1,286	114	616	259	297
Profit.....	7,459	40.7	Average expenditure per FTE child ² (dol.).....	1,630	1,430	2,190	1,230	1,430
Independent.....	6,430	35.1						
Group.....	1,029	5.6						
Non-profit.....	10,848	59.2	Percent distribution of centers, by expenditure per FTE child: ²					
Independent.....	3,484	19.0	Total.....	100	100	100	100	100
Sponsored.....	7,364	40.2	Less than \$1,000.....	26	19	14	41	32
Church.....	3,058	16.7	\$1,000-\$1,999.....	49	68	39	53	50
Community.....	1,411	7.7	\$2,000-\$2,999.....	17	10	32	5	11
Government.....	1,282	7.0	\$3,000 or more.....	9	3	15	2	6
Head Start program.....	733	4.0						
Other.....	880	4.8						

¹ See footnote 1, table 568. ² Full-time equivalent child.

Source: Abt Associates, Inc., *Day Care Centers in the U.S.: A National Profile, 1976-77, 1979*. Data from survey conducted for U.S. Dept. of Health and Human Services, Administration for Children, Youth, and Families.

NO. 570. HEAD START PROGRAM—ENROLLMENT AND APPROPRIATIONS: 1965 TO 1980

[For years ending June 30, except, beginning 1977, ending Sept. 30. Head Start program was designed to help communities overcome the handicaps of disadvantaged preschool children by providing preschool children from low-income families with a comprehensive program that would meet their educational, social, health, nutritional, and psychological needs]

ITEM	Unit	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total enrollment.....	1,000.....	561	424	368	368	368	338	338	322	391	388	376
Full year program ¹	1,000.....	(x)	229	282	282	299	292	292	296	365	369	362
Summer program.....	1,000.....	561	195	86	86	69	46	46	26	26	18	14
Federal gov't appropriation.....	Mil. dol.....	96	326	370	392	392	441	455	475	625	680	735

X Not applicable. ¹ Includes children enrolled in Parent and Child Centers which serve children from infancy to 3 years old.

Source: U.S. Dept. of Health and Human Services, Administration for Children, Youth and Families. Published by U.S. National Center for Education Statistics in *The Condition of Education, 1980 Edition*.

NO. 571. NONGOVERNMENT SOCIAL SERVICES ESTABLISHMENT—SUMMARY: 1977

[Covers only establishment with payroll. For explanation of methodology, see Appendix III]

TAXABLE STATUS	Unit	Total	Individual and family social services	Job training, vocational rehabilitation	Child day care	Residential care	Social services, n.e.c. ¹
Number of establishments, total.....	Number.....	64,087	14,426	4,132	24,813	10,203	10,513
Tax-exempt.....	Number.....	40,983	12,440	3,396	10,641	5,603	8,903
Taxable.....	Number.....	23,104	1,986	736	14,172	4,600	1,610
Paid employees ² , total.....	1,000.....	854	183	152	190	185	145
Tax-exempt establishment.....	1,000.....	676	167	138	102	135	133
Taxable establishment.....	1,000.....	177	16	13	88	50	12
Payroll, total.....	Mil. dol.....	4,990	1,238	700	833	1,134	1,085
Tax-exempt establishment.....	Mil. dol.....	4,124	1,143	611	495	881	994
Taxable establishment.....	Mil. dol.....	866	94	89	338	253	90
Expenses, tax-exempt estab.....	Mil. dol.....	8,295	2,237	1,048	829	1,857	2,323
Receipts, taxable establishment.....	Mil. dol.....	2,038	202	187	760	666	224

¹ N.e.c. = Not elsewhere classified. ² For week including March 12.Source: U.S. Bureau of the Census, *Census of Service Industries, 1977, Geographic Area Series*, SC 77-A 53.

NO. 590. AMERICAN RED CROSS—SUMMARY: 1960 to 1980

[For years ending June 30]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980
Red Cross chapters.....	Number.....	3,665	3,448	3,240	3,142	3,128	3,124	3,108	3,082
Community volunteers ¹	1,000.....	2,000	2,000	2,310	1,371	1,441	1,383	1,357	1,418
Students participating in Red Cross school programs.....	1,000.....	(NA)	(NA)	6,820	6,191	6,109	5,708	5,590	4,196
Blood donors—Red Cross and community services ¹	1,000.....	(NA)	(NA)	(NA)	4,262	3,752	3,761	3,855	4,158
Income, total.....	Mil. dol.....	96.0	105.0	147.1	248.7	347.3	377.8	426.9	481.6
Fund campaign contributions.....	Mil. dol.....	83.3	90.5	124.4	125.6	135.4	141.8	152.1	163.5
Blood services, U.S. Government research grants ²	Mil. dol.....	(³)	(³)	(³)	88.7	168.7	190.2	222.8	241.2
Other ⁴	Mil. dol.....	12.7	14.6	22.7	34.5	43.2	45.8	52.0	76.9
Expenditures, total ⁵	Mil. dol.....	86.7	108.1	149.4	237.3	312.0	358.6	398.2	455.0
Services to Armed Forces, veterans, and families.....	Mil. dol.....	33.6	39.1	56.8	52.7	46.4	46.7	48.8	55.6
Disaster services.....	Mil. dol.....	6.5	15.8	32.6	22.0	29.2	33.1	36.6	57.5
Blood services.....	Mil. dol.....	⁶ 12.6	⁶ 15.9	⁶ 15.3	100.3	159.6	193.4	217.8	241.2
Disaster services:									
Disaster relief operations.....	Number.....	325	435	688	1,023	963	1,341	2,446	3,418
Families assisted.....	1,000.....	14.9	29.7	43.4	22.3	35.9	47.7	43.2	90.5
Persons given emergency care.....	1,000.....	108	654	398	278	322	626	494	689
Disaster incidents ⁶	1,000.....	(NA)	11.9	20.4	31.0	36.0	36.9	38.1	35.7
Families assisted.....	1,000.....	(NA)	17.5	31.2	45.4	50.9	48.1	50.0	46.3
Red Cross blood services:									
Blood voluntarily donated.....	1,000 units.....	2,422	2,775	3,175	4,291	4,946	5,055	5,215	5,435
Hospitals and blood banks served.....	Number.....	4,000	4,300	4,100	4,117	4,136	4,419	4,400	4,400
Certificates issued: Nursing and health.....	1,000.....	212	308	404	547	537	583	576	468
First aid, small craft, water safety.....	1,000.....	2,738	3,605	3,955	4,399	4,664	5,047	5,167	5,417

NA Not available. ¹ Estimated. ² Includes civilian and Federal hospital participation fees and other. ³ Expenditures reported net of income. ⁴ Primarily income from endowment and other invested funds, legacies, and restricted contributions.⁵ Includes other types not shown separately. ⁶ Mainly involving a small number of families.Source: American Red Cross, Washington, D.C., *Annual Report*.

NO. 573. UNITED WAY CAMPAIGN FUNDS RAISED, BY MAJOR DONOR: 1960 TO 1980

[In millions of dollars. "Campaign": A series of operations or systematic effort to reach a desired result or "goal"]

MAJOR DONOR GROUP	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total.....	457	598	788	916	979	1,023	1,104	1,205	1,318	1,423	1,530
Corporations.....	159	194	225	260	271	281	293	301	331	394	430
Individuals:											
At workplace.....	231	349	478	580	601	643	700	783	893	931	999
Residential.....	67	22	37	36	36	40	34	33	33	34	34
Other.....		33	48	60	71	59	77	88	61	64	67

Source: United Way of America, Alexandria, Va., unpublished data.

NO. 574. BOY SCOUTS AND GIRL SCOUTS—MEMBERSHIP AND UNITS: 1960 TO 1980

(In thousands. Boy Scouts as of Dec. 31; Girl Scouts as of Sept. 30. Includes Puerto Rico and outlying areas)

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980
BOY SCOUTS OF AMERICA									
Membership	5,165	5,733	6,287	5,318	4,884	4,718	4,493	4,285	4,326
Boys.....	3,783	4,231	4,683	3,933	3,600	3,466	3,303	3,176	3,209
Cub Scouts (8-10 yr. old).....	1,865	2,064	2,438	1,997	1,874	1,843	1,788	1,716	1,697
Boy Scouts (11-18 yr. old).....	1,647	1,850	1,916	1,503	1,339	1,225	1,123	1,058	1,065
Explorers (14 yr. and over).....	271	317	329	434	387	398	392	402	447
Adults.....	1,382	1,502	1,604	1,385	1,284	1,252	1,190	1,109	1,117
Total units (packs, troops, posts).....	130	145	157	150	141	137	134	129	130
GIRL SCOUTS OF THE U.S.A.									
Membership	3,419	3,647	3,922	3,234	3,160	3,140	3,084	2,961	2,784
Girls.....	2,646	3,030	3,248	2,723	2,623	2,583	2,511	2,389	2,250
Brownies (6-8 yr. old).....	(²) 1,072	1,259	1,160	1,156	1,199	1,245	1,206	1,115	
Juniors (9-11 yr. old).....	(²) 1,416	1,509	1,188	1,114	1,054	977	926	894	
Cadettes (12-14 yr. old).....	(²) 443	395	301	275	252	218	193	172	
Seniors (15-17 yr. old).....	(²) 99	85	74	68	64	57	52	46	
Adults.....	773	617	674	511	537	573	572	534	
Total units (troops).....	164	153	164	159	157	159	159	157	154

¹ Includes girls registered in other categories, not shown separately.² Comparable data not available.Source: Boy Scouts of America, National Council, Irving, Texas, *Annual Report*; and Girl Scouts of the United States of America, New York, N.Y., *Annual Report*.

NO. 575. VOLUNTEER WORKERS—SELECTED CHARACTERISTICS: 1974

(For year ending in April. Covers civilian noninstitutional population, 14 years old and over. Volunteer work refers to unpaid volunteer activities for such groups as religious, educational, hospital, civic and community, social and welfare, etc. Based on Current Population Survey; see text, p. 1 and Appendix III)

CHARACTERISTIC	Number (1,000)	Percent of population	Percent distribution	CHARACTERISTIC	Number (1,000)	Percent of population	Percent distribution
Total volunteers	36,812	23.5	100.0	Married, spouse present.....	25,520	26.9	69.3
Male.....	15,100	20.4	41.0	Never married.....	7,956	19.9	21.6
Female.....	21,712	26.4	59.0	Other marital status.....	3,337	15.3	9.1
White.....	34,380	24.9	93.4	Volunteer work ¹ —			
Other races.....	2,433	13.2	6.6	Once a week.....	13,125	(x)	35.7
14-17 years old.....	3,747	22.5	10.2	Once every 2 weeks.....	3,714	(x)	10.1
18-24 years old.....	4,641	18.3	12.6	Once a month.....	5,230	(x)	14.2
25-44 years old.....	15,540	30.5	42.2	Only a few times.....	7,979	(x)	21.7
45-64 years old.....	9,929	23.2	27.0	Once only.....	2,758	(x)	7.5
65 years and over.....	2,955	14.3	8.0	Other.....	3,884	(x)	10.6
Employed.....	21,842	24.8	59.3	Volunteer work per year ¹ —			
Unemployed.....	853	17.0	2.3	Less than 25 hours.....	13,638	(x)	37.0
Not in labor force.....	14,117	22.2	38.3	25-99 hours.....	12,578	(x)	34.2
				100-299 hours.....	7,700	(x)	20.9
				300 hours or more.....	2,737	(x)	7.4

X Not applicable. ¹ Excludes not reported.Source: U.S. ACTION, *Americans Volunteer*, 1974.

NO. 576. PRIVATE PHILANTHROPY FUNDS, BY SOURCE AND ALLOCATION: 1960 TO 1980

(In billions of dollars. Estimates for sources of funds based largely on reports of the U.S. Internal Revenue Service for itemized deductions, corporate profits, and bequests. Data adjusted for nonitemized IRS deductions and after comparison with levels of gross national product, personal income, population, and publicly reported large bequests. For bases of allocation of funds, see source. See *Historical Statistics, Colonial Times to 1970*, series H 398-411, for similar but not comparable data)

SOURCE AND ALLOCATION	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total funds	9.4	13.3	20.7	25.6	27.7	29.7	32.5	36.0	40.1	43.3	47.7
Individuals.....	7.6	10.4	15.9	20.4	22.3	24.2	26.6	29.3	32.8	36.5	39.9
Foundations.....	.7	1.1	1.9	2.0	2.1	2.0	2.1	2.0	2.6	2.2	2.9
Corporations.....	.5	.8	.8	1.2	1.2	1.2	1.5	1.7	2.1	2.3	2.6
Charitable bequests.....	.6	1.0	2.1	2.0	2.1	2.2	2.4	3.0	2.6	2.2	2.4
Allocation:											
Religion.....	4.8	6.5	9.3	10.5	11.9	12.9	14.2	16.9	18.5	20.1	22.2
Education.....	1.5	2.3	3.2	4.1	4.1	4.0	4.5	4.8	5.6	6.0	6.7
Health and hospitals.....	1.1	1.5	3.4	4.2	4.3	4.4	4.9	4.9	5.5	6.0	6.5
Social welfare.....	1.4	1.9	2.9	3.1	3.1	3.1	3.2	3.5	4.0	4.4	4.7
Arts and humanities.....	.2	.2	.6	1.3	1.3	1.7	2.3	2.3	2.5	2.7	3.0
Civic and public.....	.1	.2	.4	.6	.8	.9	1.1	1.2	1.2	1.2	1.4
Other.....	.3	.8	.9	1.9	2.2	2.7	2.4	2.5	2.5	2.9	3.4

Source: American Association of Fund-Raising Counsel, Inc., New York, N.Y., *Giving USA*, annual. (Copyright.)

NO. 577. PRIVATE FOUNDATIONS—SELECTED FINANCES: 1974 TO 1978

[In millions of dollars, except as indicated. Covers nongovernment nonprofit organizations with funds and programs managed by their own trustees or directors, whose goal was to maintain or aid social, educational, religious, or other activities deemed to serve the common good. Foundations in existence at any time during the year were required to file a return regardless of income or assets. Data for 1974 are estimates based on a sample of Form 990-PF returns processed in 1975. Data for 1977 and 1978 are based on population of returns processed to the Exempt Organizations Master File. For details, see source]

ITEM	1974, total	1977, total	1978 BY SIZE OF ASSETS				
			Total ¹	\$1- \$100,000	\$100,000- \$1,000,000	\$1,000,000- \$10,000,000	\$10,000,000 and over
Number of foundations.....	26,889	27,691	29,659	15,716	9,012	2,947	465
Receipts, total ²	3,263	4,446	5,018	223	588	1,508	2,683
Contributions, gifts and grants.....	1,217	1,823	1,838	169	310	693	655
Net gain from sale of assets.....	296	544	736	8	51	175	501
Net capital gain.....	136	422	547	11	55	151	330
Deductions, total ²	3,188	3,078	3,602	298	457	964	1,854
Contributions, gifts and grants.....	1,953	2,289	2,764	247	345	700	1,447
Net loss from sale of assets.....	471	77	85	5	14	24	41
Salaries and wages.....	151	178	230	12	27	74	116
Expenditures for exempt purposes.....	2,409	2,692	3,101	269	401	837	1,569
Net income.....	75	1,368	1,416	-76	131	544	829
Adjusted net income.....	1,450	1,815	2,179	28	194	560	1,393
Assets (book value).....	25,514	30,328	32,935	421	3,025	8,546	20,934

¹ Includes foundations with assets zero or not reported, not shown separately.

² Includes other items not shown separately.

Source: U.S. Internal Revenue Service, *Statistics of Income, 1974-1978, Private Foundations*, 1981.

NO. 578. FOUNDATIONS—NUMBER AND FINANCES, STATES AND OTHER AREAS

[Figures are for latest year reported by foundations, usually 1978 or 1979. See headnote, table 577. Excludes organizations which make general appeals to the public for funds, act as trade associations for industrial or other special groups, are restricted by charter solely to aiding one or several named institutions, or which are captive trusts, within colleges, churches, or other organizations, or are small—defined as having neither assets of \$1,000,000 nor making grants of at least \$100,000 in the latest year of record. There were approximately 18,500 small grant-making foundations]

STATE	Num- ber	FINANCES (mil. dol.)			STATE	Num- ber	FINANCES (mil. dol.)		
		Assets	Expendi- tures	Grants			Assets	Expendi- tures	Grants
Total	3,363	38,553	2,857	2,483	Michigan.....	128	2,754	203	187
Arizona.....	15	89	7	5	Minnesota.....	97	1,121	107	85
California.....	275	3,125	233	208	Missouri.....	89	551	44	40
Colorado.....	39	351	28	25	New Jersey.....	77	1,656	99	90
Connecticut.....	83	587	54	49	New York.....	695	11,576	832	711
Delaware.....	31	277	18	17	North Carolina.....	60	829	66	57
District of Columbia.....	42	423	42	26	Ohio.....	225	1,345	122	109
Florida.....	70	457	30	25	Oklahoma.....	42	718	41	35
Georgia.....	66	460	34	27	Oregon.....	24	111	10	9
Illinois.....	227	2,110	136	121	Pennsylvania.....	211	3,055	216	197
Indiana.....	46	1,155	69	61	Rhode Island.....	19	125	8	7
Iowa.....	24	93	12	11	South Carolina.....	22	93	7	6
Kansas.....	22	71	7	6	Tennessee.....	30	289	20	18
Kentucky.....	11	123	10	8	Texas.....	189	2,593	200	170
Louisiana.....	22	113	7	5	Virginia.....	42	196	15	14
Maryland.....	46	202	21	16	Washington.....	40	278	22	19
Massachusetts.....	138	696	51	45	Wisconsin.....	84	428	48	43
					Other States and P.R.	132	502	36	30

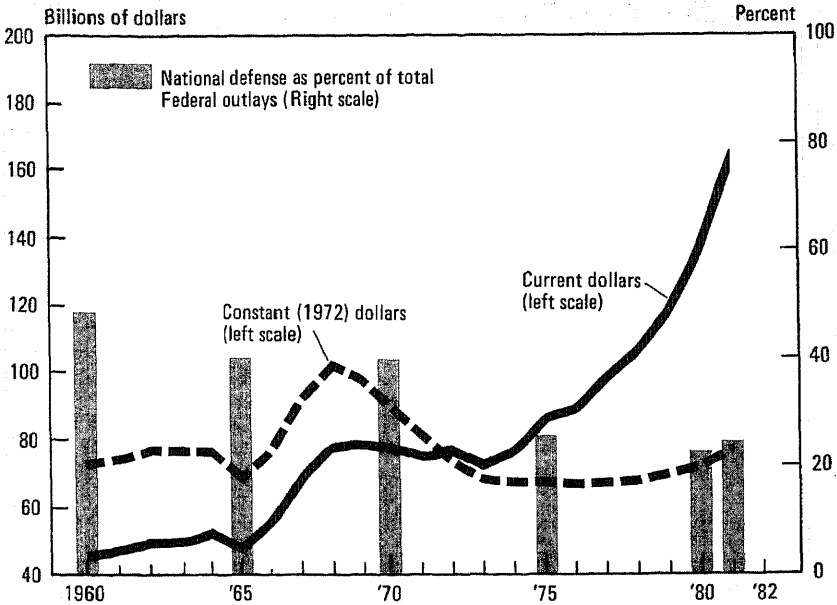
NO. 579. FOUNDATIONS—GRANTS REPORTED, BY SUBJECT FIELD: 1976 TO 1980

[Number and type of foundations reporting varies from year to year. Covers grants of \$5,000 or more in size. Based on reports of about 400 foundations which represented about 45 percent of all grant dollars awarded by private foundations. See headnote, table 577, for definition of foundation]

SUBJECT FIELD	NUMBER					AMOUNT (mil. dol.)				
	1976	1977	1978	1979	1980	1976	1977	1978	1979	1980
Total	12,119	14,276	15,397	19,487	21,590	752	769	820	1,089	1,191
Welfare.....	3,774	4,592	4,859	6,046	7,201	174	160	200	246	321
Education.....	2,753	3,022	3,669	4,651	5,067	203	192	222	301	313
Health.....	2,055	2,469	2,684	2,974	3,229	158	188	190	252	262
Culture.....	1,781	1,989	2,139	2,921	3,081	114	99	111	147	149
Sciences.....	1,421	1,744	1,594	2,349	2,379	91	113	81	121	121
Religion.....	335	460	452	546	633	12	17	16	22	25

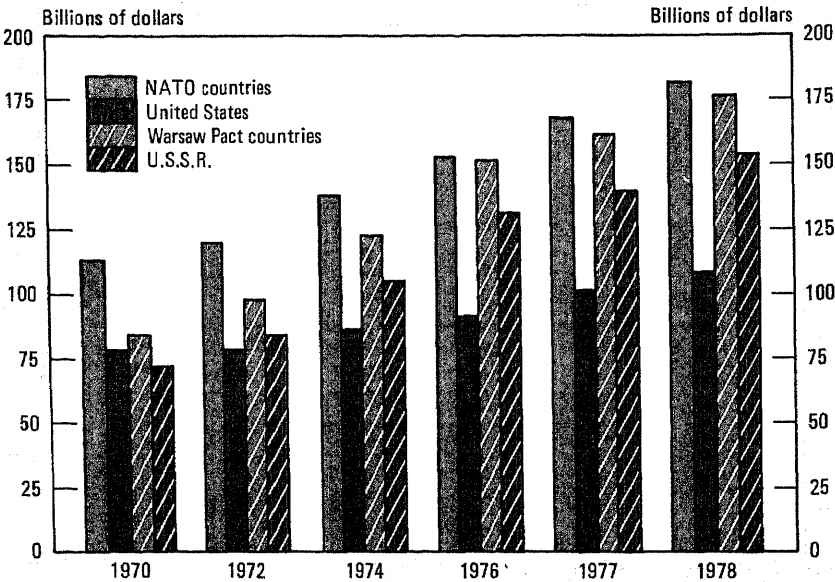
Source of tables 578 and 579: The Foundation Center, New York, N.Y., *Foundation Grants Index*, annual.

Figure 12.1
Federal Budget Outlays for National Defense: 1960 to 1981



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 580.

Figure 12.2
Worldwide Military Expenditures: 1970 to 1978



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 592.

1001
1981

Section 12

National Defense and Veterans Affairs

This section presents data on national defense and its human and financial costs; active and reserve military personnel; ships, equipment and aircraft; and federally sponsored programs and benefits for veterans. The principal sources of these data are the annual *Selected Manpower Statistics* and other reports issued by the Office of the Secretary of Defense; annual reports of the Departments of the Army, Navy, and Air Force, and the National Guard Bureau; *Annual Report of Administrator of Veterans Affairs*, Veterans Administration, and the *Budget of the United States Government*, Office of Management and Budget. For more data on expenditures, personnel, and ships, see Section 33.

Department of Defense (DOD).—The Department of Defense is responsible for providing the military forces of the United States. It includes the Office of the Secretary of Defense, the Organization of the Joint Chiefs of Staff, the military departments (Army, Navy, Air Force), and the defense agencies (e.g., Defense Logistics Agency). The Secretary of Defense is appointed from civil life by the President and must be confirmed by the U.S. Senate. The President serves as Commander in Chief of the Armed Forces; from him, the authority flows to the Secretary of Defense and through the Joint Chiefs of Staff to the commanders of unified (e.g., the overseas commands in Europe and the Pacific where Army, Navy, and Air Force activities are unified under command of a single person) and specified commands (e.g., Strategic Air Command).

Reserve components.—Reserve personnel of the Armed Forces consist of the Army National Guard, Army Reserve, Naval Reserve, Marine Corps Reserve, Air National Guard, Air Force Reserve, and Coast Guard Reserve. They provide trained personnel available for active duty in the Armed Forces in time of war or national emergency and at such other times as authorized by law.

The National Guard has dual Federal-State responsibilities and uses jointly provided equipment, facilities, and budget support. In peacetime, the National Guard is State-administered, and trained under the authority of the State Governors. The President is empowered to mobilize the National Guard and to use such of the Armed Forces as he considers necessary to enforce Federal or State authority in any State.

Veterans Administration.—The Veterans Administration (VA) administers laws authorizing benefits for eligible former and present members of the Armed Forces, and for the beneficiaries of deceased members. Veterans benefits available under various acts of Congress include: Compensation for service-connected disability or death; pensions for nonservice-connected disability or death; vocational rehabilitation, education, and training; home loan insurance; life insurance; health care; special housing and automobiles or other conveyances for certain disabled veterans; burial and plot allowances; and educational assistance to families of deceased or totally disabled veterans, servicemen missing in action, or prisoners of war. Since these benefits are legislated by Congress, the dates they were enacted and the dates they apply to veterans may be different from the actual dates the conflicts occurred.

VA estimates of veterans cover all persons with service during periods of war or armed conflict and include those living outside the United States. Veterans whose active duty service was entirely during periods of peacetime are eligible for some veterans benefits and, where appropriate, are included in VA estimates.

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

No. 580. FEDERAL BUDGET OUTLAYS FOR NATIONAL DEFENSE AND VETERANS BENEFITS:
1950 TO 1982

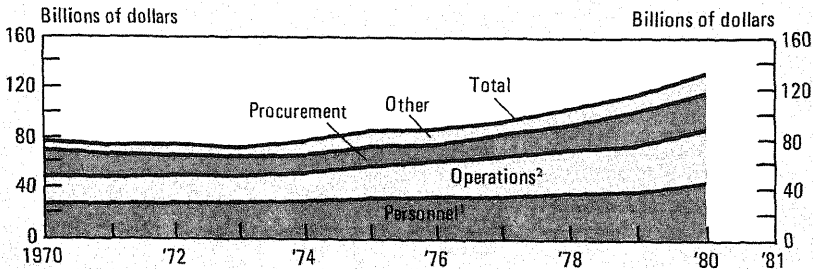
[Through 1976, for years ending June 30, except as noted; beginning 1977, ending Sept. 30. Includes outlays of Department of Defense, Veterans Administration, and other agencies for activities primarily related to national defense and veterans programs. For explanation of average annual percent change, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series Y 472-473 and Y 476, for related data]

YEAR	TOTAL FEDERAL OUTLAYS, ALL FUNCTIONS			Total national de- fense and veter- ans out- lays (bil. dol.)	NATIONAL DEFENSE OUTLAYS						VETERANS BENEFITS	
	Cur- rent (bil. dol.)	Constant (1972) dollars			Current dollars				Constant (1972) dollars		Total out- lays (bil. dol.)	Per- cent of total Fed- eral out- lays
		Total (bil. dol.)	Annual percent change ¹		Total (bil. dol.)	Annual percent change ¹	Percent of—		Total (bil. dol.)	Annual percent change ¹		
							Fed- eral out- lays	GNP ²				
1950.....	42.6	101.5	-19.8	21.2	12.4	5.1	29.1	4.7	29.7	-35.0	8.8	20.7
1955.....	68.5	135.5	6.0	44.5	39.8	-14.0	58.1	10.4	77.0	21.0	4.7	6.9
1960.....	92.2	150.8	2.2	50.6	45.2	2.6	49.0	9.0	73.7	-9	5.4	5.9
1962.....	106.8	168.5	5.7	54.7	49.0	5.2	45.9	9.0	77.2	2.4	5.6	5.3
1963.....	111.3	170.0	.9	55.7	50.1	2.2	45.0	8.7	76.8	-5	5.5	5.0
1964.....	118.6	176.6	3.9	57.2	51.5	2.8	43.4	8.4	77.0	.3	5.7	4.8
1965.....	118.4	173.0	-2.0	53.2	47.5	-7.8	40.1	7.2	69.3	-10.0	5.7	4.8
1966.....	134.7	188.1	8.7	60.8	54.9	15.6	40.8	7.6	76.6	10.5	5.9	4.4
1967.....	158.3	212.3	12.9	75.1	68.2	24.2	43.1	8.8	92.3	20.5	6.9	4.4
1968.....	178.8	229.8	8.2	85.6	78.8	15.5	44.1	9.4	101.7	10.2	6.9	3.9
1969.....	184.5	223.3	-2.8	87.1	79.4	.8	43.0	8.7	98.1	-3.5	7.6	4.1
1970.....	196.6	220.6	-1.2	87.2	78.6	1.0	40.0	8.1	90.3	-8.0	8.7	4.4
1971.....	211.4	223.3	1.2	85.6	75.8	-3.6	35.9	7.3	81.5	-9.7	9.8	4.6
1972.....	232.0	232.0	3.9	87.3	76.6	1.1	33.0	6.8	76.6	-6.0	10.7	4.6
1973.....	247.1	233.3	.6	86.6	74.5	-2.7	30.1	5.9	69.9	-8.7	12.0	4.9
1974.....	269.6	232.8	-.2	91.2	77.8	4.4	28.9	5.6	68.1	-2.6	13.4	5.0
1975.....	326.2	255.4	9.7	102.2	85.6	10.0	26.2	5.8	68.4	.4	16.6	5.1
1976.....	366.4	268.4	5.1	107.9	89.4	4.4	24.4	5.4	66.9	-2.2	18.4	5.0
1976, TO ³	94.7	67.2	(x)	26.3	22.3	(x)	23.5	5.2	16.3	(x)	4.0	4.2
1977.....	402.7	273.8	2.0	115.5	97.5	9.1	24.2	5.2	67.2	.4	18.0	4.5
1978.....	450.8	284.4	3.9	124.2	105.2	7.9	23.3	5.0	67.5	.4	19.0	4.2
1979.....	493.6	282.5	-.7	137.6	117.7	11.9	23.8	5.0	70.0	3.7	19.9	4.0
1980.....	579.6	294.9	4.4	157.0	135.9	15.5	23.4	5.3	72.5	3.6	21.2	3.7
1981, est ⁴	655.2	296.7	.6	184.5	162.1	19.3	24.7	5.7	77.8	7.3	22.4	3.4
1982, est ⁴	695.3	288.4	-2.3	212.5	188.8	16.5	27.2	5.9	83.0	6.7	23.6	3.4

NA Not available. X Not applicable. ¹ Change from prior year shown; for 1950, change from 1945. ² Gross national product; for definition, see text, p. 417. ³ Transition quarter, July-Sept. ⁴ March estimates. See table 416, footnote 7, for explanation.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual, and unpublished data.

Figure 12.3
Department of Defense—
Military Outlays by Function: 1970 to 1980



¹ Includes retirees. ² Includes maintenance.

Source: Chart Prepared by U.S. Bureau of the Census. For data, see table 581.

No. 581. BUDGET OUTLAYS FOR NATIONAL DEFENSE FUNCTIONS: 1965 TO 1981

[In billions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30. Minus sign (-) indicates decline in offsetting receipts. See *Historical Statistics, Colonial Times to 1970*, series Y 473, for total]

DEFENSE FUNCTION	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981, est. ¹
Total	47.5	78.6	75.8	76.6	74.5	77.8	85.6	89.4	97.5	105.2	117.7	135.9	162.1
Percent change ²	1.0	10.6	-3.6	1.1	-2.7	4.4	10.0	4.4	9.1	7.9	11.9	15.5	19.3
Defense Dept., military.....	45.9	77.1	74.5	75.1	73.2	77.6	84.9	87.9	95.6	103.0	115.0	132.8	158.6
Military personnel.....	13.4	23.0	22.6	23.0	23.2	23.7	25.0	25.1	25.7	27.1	28.4	30.8	37.0
Percent of military.....	29.2	29.8	30.3	30.6	31.7	30.5	29.4	28.6	26.9	26.3	24.7	23.2	23.3
Active forces.....	12.7	22.0	21.4	21.6	21.7	22.1	23.2	23.3	23.9	25.1	26.3	28.5	33.8
Reserve forces.....	.7	1.1	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.3	3.2
Military retirees.....	1.4	2.8	3.4	3.9	4.4	5.1	6.2	7.3	8.2	9.2	10.3	11.9	13.8
Operation, maintenance.....	12.3	21.6	20.9	21.7	21.1	22.5	26.3	27.8	30.6	33.6	36.4	44.8	53.8
Procurement ³	11.8	21.6	18.9	17.1	15.7	15.2	16.0	16.0	18.2	20.0	25.4	29.0	34.1
Army.....	1.8	5.2	4.4	3.9	2.8	2.6	2.5	1.4	2.6	3.2	4.5	5.4	6.8
Navy ⁴	4.9	7.9	7.3	7.1	7.0	7.3	8.1	8.0	8.5	9.2	11.8	12.4	14.3
Air Force.....	5.1	8.4	7.1	6.0	5.8	5.4	5.3	6.5	6.9	7.3	8.9	10.9	12.7
Research and development.....	6.2	7.2	7.3	7.9	8.2	8.6	8.9	8.9	9.8	10.5	11.2	13.1	15.2
Military construction.....	1.0	1.2	1.1	1.1	1.1	1.4	1.5	2.0	1.9	1.9	2.1	2.5	2.5
Family housing.....	.6	.6	.6	.7	.7	.9	1.1	1.2	1.4	1.4	1.5	1.7	1.9
Other ⁵	-9	-1.0	-3	-3	-1.1	-2	-1	-4	-2	-8	-2	-1.0	.3
Atomic energy activities ⁶	1.6	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.9	2.1	2.5	2.9	3.6
Defense-related activities ⁷	-	.1	-	.1	.1	-1.2	-8	-	-	.2	.1	.1	-

- Represents zero. Z Less than \$50 million. ¹March estimates. See table 416, footnote 7, for explanation. ²Average annual percent change. For 1965, change from 1960. For 1970, change from 1965. ³Includes other defense agencies not shown separately. ⁴Includes Marine Corps. ⁵Revolving and management funds, trust funds, special foreign currency program, allowances, and offsetting receipts. ⁶Defense activities only. ⁷Includes civil defense activities.

No. 582. DEPARTMENT OF DEFENSE—FUNDS AVAILABLE AND OUTLAYS: 1965 TO 1981

[In billions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30. See *Historical Statistics, Colonial Times to 1970*, series Y 458-460 for outlays]

ITEM	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981, est. ¹
Funds available	64.2	90.5	85.8	88.8	92.7	95.9	102.9	114.8	131.0	139.8	151.1	169.2	197.9
New obligated authority.....	50.5	75.4	72.6	76.8	79.6	82.9	87.6	97.9	110.7	118.1	127.8	145.9	173.3
Military.....	49.2	74.2	71.2	75.1	77.6	81.1	85.8	95.7	108.4	115.3	125.0	142.6	170.3
Civil.....	1.3	1.2	1.3	1.6	2.0	1.8	1.8	2.2	2.3	2.8	2.8	3.3	3.0
Unobligated balance.....	13.8	15.1	13.2	12.1	13.1	13.0	15.3	16.9	20.3	21.7	23.3	23.3	24.6
Military.....	13.6	14.8	13.0	11.9	12.7	12.6	15.1	16.7	20.0	21.3	23.0	23.0	24.2
Civil.....	.1	.3	.2	.2	.4	.4	.2	.2	.3	.4	.3	.3	.4
Outlays (DOD) ²	47.1	78.3	75.9	76.6	74.9	79.3	87.0	90.0	97.9	105.6	117.9	136.0	161.0
Percent of funds available.....	73.4	86.5	88.5	86.2	80.7	82.7	84.5	78.3	74.7	75.5	78.0	80.4	81.4
Military.....	45.9	77.1	74.5	75.1	73.2	77.6	84.9	87.9	95.6	103.0	115.0	132.8	157.6
Civil ²	1.2	1.2	1.4	1.5	1.7	1.7	2.1	2.1	2.3	2.6	2.9	3.2	3.4

¹January estimates. See table 416, footnote 7, for explanation.

²Includes nondefense civil outlays by other departments.

Source of tables 581 and 582: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

No. 583. DEPARTMENT OF DEFENSE OUTLAYS, BY BRANCH OF SERVICE: 1965 TO 1980

[For years ending June 30 except, beginning 1977, ending Sept. 30. Excludes civil functions. Includes military assistance to foreign countries and other negative entries; therefore, outlays may be lower than those from Office of Management and Budget. See also *Historical Statistics, Colonial Times to 1970*, series Y 458-460]

YEAR	OUTLAYS (mil. dol.)					PERCENT DISTRIBUTION			
	Total	Army	Navy	Air Force	Other	Army	Navy	Air Force	Other
1965.....	47,098	11,552	13,339	18,146	4,061	24.5	28.3	38.5	8.6
1970.....	78,349	25,147	22,656	25,233	5,313	32.1	28.9	32.2	6.8
1973.....	74,473	21,140	22,985	24,538	5,811	28.4	30.9	32.9	7.8
1974.....	77,651	22,371	24,616	25,736	4,927	28.8	31.7	33.1	6.4
1975.....	84,988	23,678	26,299	26,709	6,303	27.9	33.3	31.4	7.4
1976.....	87,950	25,025	30,404	28,248	4,272	28.5	34.6	32.1	4.9
1977.....	94,810	24,231	31,287	28,356	10,936	25.6	33.0	29.9	11.5
1978.....	102,682	26,250	33,573	29,344	13,515	25.6	32.7	28.6	13.2
1979.....	113,464	29,068	37,951	32,506	13,939	25.6	33.4	28.6	12.3
1980.....	134,210	33,034	42,686	39,639	18,651	24.6	32.0	29.5	13.9

Source: U.S. Dept. of the Treasury, Office of the Secretary, *Treasury Combined Statement of Receipts, Expenditures, and Balances of the United States Government*, annual.

NO. 584. DEPARTMENT OF DEFENSE PROPERTY: 1960 TO 1980

(In billions of dollars. As of June 30 except, beginning 1977, as of Sept. 30. Excludes Civil Works Division, Chief of Engineers, Dept. of the Army)

DEPARTMENT AND TYPE OF PROPERTY	1960	1965	1970	1975	1976	1977	1978	1979	1980
Department of Defense ¹	154.6	176.2	214.6	237.3	249.5	265.5	278.1	298.0	339.7
U.S. and possessions ²	123.5	136.1	160.2	197.1	201.1	211.2	218.6	232.3	244.9
Foreign countries and afloat ³	31.2	40.1	54.4	40.2	48.4	54.4	59.5	65.7	94.8
Real property inventory	32.0	37.6	40.3	43.0	44.3	46.0	47.2	48.5	50.9
Construction in progress	2.4	1.4	1.8	4.2	3.9	4.1	4.4	5.9	6.1
Personal property inventory ¹	120.2	137.2	172.5	190.1	201.3	215.5	226.5	243.6	282.7
Army	38.3	36.4	50.4	51.6	58.1	61.0	64.6	73.3	84.7
Personal property inventory	28.3	25.4	37.7	37.6	43.5	45.1	47.7	55.5	65.3
Navy (including Marine Corps)	57.4	69.7	85.4	100.9	99.1	108.1	113.1	120.3	137.8
Personal property inventory	47.5	59.0	72.9	85.2	83.5	92.3	97.2	103.1	120.6
Air Force	58.8	67.3	74.9	77.4	83.5	88.7	92.3	96.2	106.4
Personal property inventory	44.4	50.1	58.1	59.9	65.5	70.3	73.5	76.9	86.0

¹ Includes Defense agencies not shown separately. ² Includes Reserve Naval Fleet. ³ Includes active fleet, supplies afloat, and organic property of Fleet Marine Force.

Source: U.S. Dept. of Defense, *Real and Personal Property of the Department of Defense*, annual.

NO. 585. DEFENSE-ORIENTED INDUSTRIES—SUMMARY: 1965 TO 1979

[For the most part, industries included are those shipping finished goods or components produced to military specifications; for details, see source. SIC represents Standard Industrial Classification System]

SIC code	YEAR AND INDUSTRY	Em- ployees (1,000)	VALUE ADDED BY MANUFACTURE		VALUE OF SHIPMENTS (mil. dol.)		
			Total (mil. dol.)	Per- cent	Total	Govern- ment ¹	Nongov- ernment
(x) 1965		4,509	61,857	100.0	120,395	32,853	87,542
(x) 1970		4,894	82,739	100.0	161,773	38,836	122,937
(x) 1972		4,752	95,926	100.0	187,617	36,775	150,842
(x) 1973		4,910	110,338	100.0	218,431	36,383	182,048
(x) 1974		5,211	131,380	100.0	275,816	36,719	239,097
(x) 1975		4,762	130,397	100.0	288,976	39,969	249,007
(x) 1976		4,810	148,061	100.0	327,683	44,274	283,409
(x) 1977		5,132	172,907	100.0	381,273	50,255	331,018
(x) 1978		5,591	197,023	100.0	431,212	51,720	379,492
(x) 1979, total ²		6,031	234,440	100.0	534,942	58,713	476,229
28	Chemicals and allied products	123	7,572	3.2	17,941	2,313	15,628
29	Petroleum and coal products	114	27,162	11.6	136,001	2,195	133,806
30	Rubber and misc. plastic products	152	3,980	1.7	8,263	283	7,980
3293	Gaskets, packing and sealing devices	34	910	.4	1,571	27	1,544
33	Primary metal industries	371	14,189	6.1	39,758	1,278	38,480
34	Fabricated metal products	712	21,325	9.1	42,961	4,069	38,892
35	Machinery, except electrical	1,430	51,333	21.9	97,115	3,880	93,235
36	Electrical equipment and supplies	1,580	51,638	22.0	90,601	13,090	77,511
37	Transportation equipment	942	32,405	13.8	63,803	26,249	35,554
38	Instruments and related products	538	22,055	9.4	34,918	2,572	32,346

x Not applicable. ¹Comprises products shipped to, or receipts for work done for, Federal agencies, their contractors, subcontractors, and suppliers. ²Includes "Miscellaneous industries," not shown separately.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA 175.

NO. 586. DEFENSE-RELATED INDUSTRIES—VALUE OF SHIPMENTS, SELECTED MILITARY EQUIPMENT: 1975 TO 1980

[In millions of dollars]

ITEM	1975	1976	1977	1978	1979	1980
Aircraft, complete	4,050	4,296	4,580	5,836	4,984	6,077
Aircraft engines	801	1,128	1,048	816	750	900
Missile and space vehicle engines (complete, and engine parts)	907	881	930	1,124	1,349	1,727
Guided missiles and space vehicles, complete	5,716	5,677	5,731	5,720	6,200	7,100
Missile systems (complete, excluding propulsion)	3,992	3,998	3,990	4,004	4,340	5,183
Space vehicle systems (complete, excluding propulsion)	1,724	1,680	1,740	1,716	1,860	1,917
Ships, new self-propelled	1,768	1,957	2,212	2,353	2,571	2,760
Ship repair	554	644	718	915	944	962

Source: U.S. Bureau of Industrial Economics, 1981 *U.S. Industrial Outlook*.

NO. 587. DEFENSE PURCHASES, NATIONAL INCOME AND PRODUCT ACCOUNT BASIS (NIPA): 1975 TO 1979

[In billions of dollars, except percent. National defense purchases on a NIPA basis will differ from other published measures of DOD spending, such as budget authority or outlays, because of coverage and timing differences. Coverage differences consist of DOD outlays that do not appear as NIPA purchases; primarily military retired pay. Timing differences occur because purchases are largely recorded on a delivery basis, while outlays are recorded on a cash basis. See source for further detail. See text, page 458, and table 769. See also Appendix A of source.]

PURCHASES	CURRENT DOLLARS					CONSTANT (1972) DOLLARS				
	1975	1976	1977	1978	1979	1975	1976	1977	1978	1979
Total purchases	83.0	86.0	93.3	100.0	111.2	66.4	64.9	65.4	65.4	67.1
Percent of gross national product.....	5.4	5.1	4.9	4.7	4.7	5.5	5.1	4.8	4.6	4.7
Durable goods.....	17.6	18.6	21.3	22.5	26.8	15.4	15.0	15.6	15.0	16.6
Military equipment ¹	13.7	14.3	16.8	17.8	21.7	12.0	11.6	12.3	11.8	13.3
Aircraft.....	5.6	5.9	7.0	6.9	8.9	5.2	5.1	5.2	4.7	5.5
Ships.....	2.2	2.5	2.9	3.3	3.6	1.6	1.7	1.8	1.8	1.9
Missiles.....	2.6	2.2	2.5	2.6	3.0	2.5	1.9	2.1	1.9	2.1
Nondurable goods ¹	5.3	4.7	5.4	5.8	7.0	2.8	2.3	2.4	2.5	2.4
Bulk petroleum.....	2.9	2.7	3.2	3.3	4.2	1.0	.9	.9	1.0	.8
Ammunition.....	1.1	.7	1.0	1.3	1.5	.8	.4	.6	.7	.8
Services.....	57.5	60.4	64.0	69.0	74.9	46.5	46.1	45.7	46.2	46.7
Compensation of employees.....	39.8	40.9	42.8	46.1	48.8	32.9	32.3	32.0	32.2	32.0
Military (percent).....	41.0	39.7	38.8	38.1	37.0	42.8	42.1	42.1	41.2	40.2
Structures.....	2.5	2.3	2.5	2.6	2.4	1.8	1.6	1.7	1.7	1.4

¹ Includes items not shown separately.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-1976*, and 1976-1979.

NO. 588. DEPARTMENT OF DEFENSE MILITARY PROCUREMENT: 1960 TO 1980

[In billions of dollars. Net values for years ending June 30 except, beginning 1977, ending Sept. 30. Includes all new prime contracts, debit or credit changes in contracts are also included. Actions cover official awards, amendments, or other changes in prime contracts to obtain military supplies, services, or construction. Excludes term contracts and contracts which do not obligate a firm total dollar amount or fixed quantity, but includes job orders, task orders, and delivery orders against such contracts.]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Total military procurement ¹	23.7	28.0	36.0	40.1	45.8	46.9	55.6	65.2	69.3	81.7
Department of the Army ²	5.9	6.3	10.3	10.6	11.5	10.5	12.0	14.0	16.1	18.7
Department of the Navy.....	7.4	9.0	10.9	13.3	15.6	15.4	17.6	21.8	23.4	25.4
Department of the Air Force.....	10.4	9.7	10.7	11.1	12.9	15.1	18.0	19.9	20.5	24.7
With business firms for work in U.S. ³	21.3	25.3	31.2	33.2	37.1	37.6	45.6	52.6	57.0	64.9
Department of the Army ²	4.9	5.5	8.6	7.6	8.5	8.4	9.6	10.7	12.2	13.4
Department of the Navy.....	6.7	8.3	9.5	11.9	13.4	12.9	15.2	19.3	20.9	22.8
Department of the Air Force.....	9.6	8.8	9.6	9.4	10.4	11.4	14.2	15.4	16.2	18.7
Advised contract.....	3.0	4.7	3.9	3.0	3.4	3.2	3.9	3.8	4.0	4.3
Negotiated contract.....	18.3	20.6	27.3	30.2	33.7	34.4	41.7	48.8	53.0	60.6
With small business firms ⁴	3.4	4.9	5.3	6.5	7.4	7.5	8.9	10.1	11.5	12.8
Intragovernmental ⁵	.8	.6	1.6	3.3	5.0	6.2	6.2	7.5	7.2	10.1
Educational and nonprofit institutions.....	.4	.7	.7	.8	.8	.9	.9	1.1	1.2	1.4
For work outside U.S.....	1.2	1.4	2.4	2.4	2.4	2.3	2.8	4.0	3.9	5.4

¹ Beginning 1965, includes agencies not shown separately. ² Beginning 1965, includes defense agencies except Defense Logistics Agency. ³ Includes Defense Logistics Agency, contracts awarded for work in U.S. possessions, Commonwealth of Puerto Rico, Trust Territories of the Pacific, and other areas subject to complete sovereignty of U.S.; contracts in a classified location; and any intragovernmental contracts entered into overseas. ⁴ Covers firms not dominant in their fields of operation and employing fewer than 1,000, 750, or 500 persons, depending on industry classifications. For certain types of firms, other criteria are used, such as yearly gross sales. ⁵ 1960 includes interservice purchases; thereafter, covers only purchases from other Federal agencies and reimbursable purchases on behalf of foreign governments.

Source: U.S. Dept. of Defense, *Military Prime Contract Awards*, annual.

NO. 589. EMPLOYMENT—DEFENSE-RELATED AGENCIES COMPARED WITH TOTAL FEDERAL AND TOTAL UNITED STATES: 1960 TO 1980

[In thousands, except percent. Annual averages]

EMPLOYMENT	1960	1965	1970	1975	1976	1977	1978	1979	1980
Total U.S. employment ¹	68,290	73,812	81,815	86,963	89,629	92,676	94,373	96,945	97,270
Federal	4,944	5,262	6,116	5,062	5,006	4,988	5,000	4,985	4,964
Armed Forces.....	2,514	2,723	3,188	2,180	2,144	2,133	2,117	2,088	2,102
Civilian personnel ²	2,430	2,539	2,928	2,882	2,862	2,855	2,883	2,897	2,862
Federal defense-related agencies, excluding Armed Forces	1,057	1,053	1,211	1,036	1,008	994	986	971	892
Percent of Federal civilian personnel.....	43.5	41.5	41.4	36.0	35.2	34.8	34.2	33.5	31.2
Federal defense-related agencies ¹	3,571	3,776	4,399	3,216	3,152	3,127	3,103	3,059	2,994
Percent of total Federal ¹	72.2	71.8	71.9	63.5	63.0	62.7	62.1	61.4	60.3
Percent of total U.S. ¹	5.2	5.1	5.4	3.7	3.5	3.4	3.3	3.2	3.1

¹ Includes Armed Forces. ² Includes all direct employment by U.S. Govt. abroad regardless of citizenship.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, and U.S. Office of Personnel Management, *Monthly Release of Federal Civilian Work Force Statistics*.

NO. 590. DEFENSE CONTRACT AWARDS AND PAYROLL—STATES: 1978 TO 1980

[In millions of dollars. For years ending Sept. 30. Contracts refer to awards made in year specified; expenditures relating to awards may extend over several years. Payroll estimates cover active duty military and direct hire civilian personnel, including Army Corps of Engineers]

STATE	CONTRACT AWARDS ¹			PAYROLL			STATE	CONTRACT AWARDS ¹			PAYROLL		
	1978	1979	1980	1978	1979	1980		1978	1979	1980	1978	1979	1980
Total...	61,174	65,481	76,430	30,890	31,845	38,003	Mo.....	3,000	3,284	3,191	540	536	667
Ala.....	480	499	626	702	713	829	Mont.....	24	48	32	86	83	91
Alaska.....	195	215	251	325	339	414	Nebr.....	72	86	100	226	233	290
Ariz.....	635	693	727	474	467	528	Nev.....	42	67	50	147	157	192
Ark.....	85	72	122	190	194	226	N.H.....	227	236	305	198	211	248
Calif.....	10,517	11,675	13,853	4,469	4,602	5,940	N.J.....	1,470	1,300	1,517	652	668	788
Colo.....	435	412	510	667	698	727	N. Mex.....	201	259	286	350	368	424
Conn.....	3,489	3,777	3,867	114	118	249	N.Y.....	4,590	4,912	5,648	575	598	630
Del.....	70	86	240	89	94	110	N.C.....	437	569	651	1,176	1,256	1,297
D.C.....	537	569	590	542	563	770	N. Dak.....	55	63	69	166	166	187
Fla.....	1,393	1,761	1,984	1,330	1,372	1,742	Ohio.....	1,275	1,275	1,617	733	760	889
Ga.....	793	668	884	1,278	1,353	1,430	Okl.....	315	317	420	748	782	822
Hawaii.....	293	307	315	800	883	1,150	Oreg.....	92	147	131	69	71	84
Idaho.....	19	22	19	89	89	99	Pa.....	1,632	1,878	2,166	955	999	1,099
Ill.....	712	752	945	769	789	903	R.I.....	156	192	261	154	166	160
Ind.....	909	1,107	1,290	301	316	332	S.C.....	196	291	297	840	853	1,110
Iowa.....	362	258	283	31	32	34	S. Dak.....	20	21	17	99	101	122
Kans.....	431	590	775	466	409	434	Tenn.....	522	474	520	244	257	269
Ky.....	177	168	245	728	707	704	Tex.....	4,944	4,236	5,345	2,650	2,734	2,888
La.....	505	274	480	458	427	462	Utah.....	215	226	251	420	453	495
Maine.....	341	407	457	141	96	142	Vt.....	109	100	124	11	11	11
Md.....	1,317	1,509	1,784	1,178	1,230	1,403	Va.....	1,700	2,748	3,344	2,581	2,688	3,967
Mass.....	2,787	2,983	3,729	329	351	392	Wash.....	1,808	1,540	2,110	869	886	1,121
Mich.....	1,382	1,494	1,696	321	330	374	W. Va.....	76	62	86	31	33	38
Minn.....	730	896	1,048	82	81	88	Wis.....	369	373	366	61	64	76
Miss.....	1,406	703	636	374	396	483	Wyo.....	26	52	33	61	62	73
							Undist. ²	7,581	8,828	10,137	-	-	-

- Represents zero. ¹ Military awards for supplies, services, and construction. Net value of contracts of over \$10,000 for work in each State and D.C. (see also "Undistributed"). Figures reflect impact of prime-contracting on State distribution of defense work. Often the State in which a prime contractor is located is not the State in which the subcontracted work is done. See also headnote, table 588. ² Includes contracts of \$10,000 or less, all contracts awarded for work in U.S. possessions, Puerto Rico, Trust Territories of the Pacific, and other areas subject to complete sovereignty of U.S.; contracts in a classified location; and any intragovernmental contracts entered into overseas.

Source: U.S. Dept. of Defense, *Prime Contract Awards by State*, annual.

NO. 591. ESTIMATES OF TOTAL DOLLAR COSTS OF AMERICAN WARS, BY RANK

[In millions of dollars, except percent. Service-connected veterans' benefits estimated at 40 percent of total veterans' benefits except as noted]

WAR	ORIGINAL INCREMENTAL COSTS ¹		SERVICE-CONNECTED VETERANS' BENEFITS		INTEREST PAYMENTS ON WAR LOANS		Estimated current cost to 1980
	Constant dollars (1967)	Current dollars	Total cost under present programs	Cost to Oct. 1, 1979 ²	Total cost to 1980 ³	Percent of original incremental costs	
World War II.....	546,490	288,000	(⁴)	57,565	200,000	69	545,565
Vietnam conflict.....	106,526	111,000	(⁴)	9,330	3,000	3	123,330
Korean conflict.....	67,925	54,000	(⁴)	9,564	7,500	14	71,064
World War I.....	57,650	26,000	(⁴)	13,383	11,000	43	50,383
Civil War (Union only).....	6,957	⁵ 3,200	3,300	3,289	1,200	60	7,689
Spanish-American War.....	1,600	400	2,500	2,096	60	15	2,556
American Revolution.....	(⁴)	100	28	28	20	20	148
War of 1812.....	182	93	20	20	14	15	127
Mexican War.....	270	73	26	26	10	14	109

¹ Except for Korean and Vietnam conflicts, original incremental costs are outlays for national security during war years minus average annual outlay for preceding five years. Vietnam conflict estimate is from Dept. of Defense and represents incremental costs from 1965-1980. Korean conflict estimate uses running average of national security outlays from 1948-1950 as a base, and then includes additional outlays over this base for 1951-1952 and one-half increase for 1953. This 50 percent figure for 1953 is used because outlays for the Cold War increased at same time outlays for Korean conflict declined. ² For World War I and later wars, benefits are actual service-connected figures from 1979 *Annual Report of Veterans Administration*. For earlier wars, service-connected veterans' benefits are estimated at 40 percent of total, the approximate ratio of service-connected to total benefits since World War I. ³ Interest costs use same formula as in footnote 1. ⁴ Unknown. ⁵ Data from Goldin and Lewis, *The Economic Cost of the American Civil War*, *Journal of Economic History*, June 1975. Expenditures by Confederate Government are estimated by this study at \$1 billion.

Source: Originally presented in U.S. Congress, Joint Economic Committee, *The Military Budget and National Economic Priorities*, Part 1, 91st Congress, 1st session (statement of James L. Clayton); subsequently revised and updated by James L. Clayton, University of Utah, Salt Lake City, Utah.

NO. 592. WORLDWIDE MILITARY EXPENDITURES: 1969 TO 1978

[For military expenditures and armed forces by country, see tables 1570 and 1571. GNP=Gross national product]

COUNTRY GROUP	MILITARY EXPENDITURES (bil. dol.)										PER CAPITA (dol.)		
	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1970	1975	1978
IN CURRENT DOLLARS													
Worldwide, total ¹	236.0	247.5	259.8	278.7	301.2	339.5	383.0	411.5	439.1	479.9	68	93	111
United States.....	81.4	77.9	74.9	77.6	78.4	85.9	90.9	91.0	100.9	108.4	379	424	494
Percent of total.....	34	31	29	28	26	25	24	22	23	23	(x)	(x)	(x)
Developed countries ²	197.3	202.2	209.8	224.0	238.5	268.2	295.4	314.0	339.3	370.3	202	283	348
Developing countries ²	38.8	45.2	50.0	54.7	62.6	71.3	87.6	97.6	99.8	109.6	17	28	33
NATO countries ³	114.9	113.1	113.5	119.9	123.8	137.6	148.1	152.6	167.5	181.7	212	266	320
Warsaw Pact countries.....	77.3	83.7	90.5	97.8	108.1	123.0	138.9	152.3	161.7	177.4	241	385	480
Soviet Union.....	66.4	72.0	77.5	83.7	92.3	105.3	119.2	131.1	139.6	153.6	296	469	588
IN CONSTANT (1977) DOLLARS													
Worldwide, total ¹	383.4	382.3	381.8	393.4	402.1	414.2	426.5	435.4	439.1	446.7	105	104	103
United States.....	132.3	120.3	110.0	109.6	104.6	104.8	101.3	96.3	100.9	100.9	586	473	460
Percent of total.....	35	31	29	28	26	25	24	22	23	23	(x)	(x)	(x)
Developed countries ²	320.4	312.4	308.4	316.2	318.5	327.2	328.9	332.2	339.3	344.7	313	315	324
Developing countries ²	63.0	69.9	73.4	77.2	83.6	87.0	97.6	103.2	99.8	102.0	26	32	31
NATO countries ³	186.6	174.7	166.9	169.3	165.2	167.8	164.9	161.5	167.5	169.1	328	297	298
Warsaw Pact countries.....	125.5	129.4	133.0	138.0	144.3	150.1	154.6	161.2	161.7	165.1	373	429	447
Soviet Union.....	107.9	111.2	113.9	118.1	123.2	128.5	132.7	138.7	139.6	143.0	457	522	547
As percent of GNP: ⁴													
Worldwide, total.....	6.7	6.3	6.1	5.9	5.7	5.7	5.8	5.6	5.5	5.4	(x)	(x)	(x)
United States.....	8.7	7.9	7.0	6.6	6.0	6.1	5.9	5.3	5.3	5.1	(x)	(x)	(x)
Developed countries ²	6.8	6.4	6.1	5.9	5.6	5.7	5.7	5.5	5.4	5.3	(x)	(x)	(x)
Developing countries ²	6.0	6.1	6.0	5.9	5.9	5.8	6.1	6.2	5.7	5.5	(x)	(x)	(x)
NATO countries ³	6.2	5.7	5.3	5.1	4.7	4.7	4.7	4.4	4.4	4.3	(x)	(x)	(x)
Warsaw Pact countries.....	12.1	11.7	11.5	11.6	11.3	11.3	11.3	11.3	11.0	10.8	(x)	(x)	(x)

X Not applicable. ¹ Includes countries not shown separately. ² 28 developed countries: All those in North America, in Oceania, in NATO (except Greece and Turkey), in the Warsaw Pact (except Bulgaria), and also Austria, Finland, Ireland, Japan, South Africa, Sweden, and Switzerland; 114 developing countries: All those in Latin America, in the Near East, in South Asia, in East Asia (except Japan), in Africa (except South Africa), and also Albania, Bulgaria, Greece, Malta, Spain, Turkey, and Yugoslavia.

³ North Atlantic Treaty Organization. ⁴ In constant dollars.

NO. 593. VALUE OF ARMS EXPORTS AND IMPORTS, SUPPLIER AND RECIPIENT COUNTRIES, IN CONSTANT (1977) DOLLARS: 1969 TO 1978

[In millions of constant (1977) dollars]

COUNTRY	1969-1971	1972-1975	1976	1977	1978	COUNTRY	1969-1971	1972-1975	1976	1977	1978
World, total ¹	27,917	60,669	17,352	19,300	19,177	RECIPIENT COUNTRIES—Con.					
SUPPLIERS						Developing ¹	19,541	43,693	12,940	15,185	15,537
Canada.....	881	704	127	70	74	Algeria.....	120	191	338	460	581
China, Mainland.....	902	1,876	148	110	130	Brazil.....	184	428	190	140	148
Czechoslovakia.....	523	1,550	465	800	744	China: Taiwan.....	1,074	509	169	180	176
France.....	885	3,789	1,058	1,300	1,256	Cuba.....	106	341	137	100	288
Germany, Fed.....						Egypt.....	1,696	2,579	158	220	214
Rep. of.....	646	1,374	687	850	814	Greece.....	870	618	555	480	279
Poland.....	723	924	243	240	325	India.....	733	969	518	725	260
Soviet Union.....	6,454	20,623	5,607	6,500	6,609	Indonesia.....	75	102	84	60	83
United Kingdom.....	711	2,719	820	950	1,024	Iran.....	1,074	3,996	2,221	2,400	1,955
United States.....	15,470	23,051	6,242	6,900	6,237	Iraq.....	248	2,544	1,058	1,500	1,396
RECIPIENT COUNTRIES						Israel.....	996	2,712	1,058	1,100	884
Developed ¹	8,375	16,972	4,412	4,115	3,640	Jordan.....	263	257	148	120	158
Australia.....	391	537	84	140	232	Kampuchea.....	173	1,019	5	10	37
Canada.....	153	668	190	170	214	Korea, Dem. Peo. Rep.....	357	833	84	110	18
Czechoslovakia.....	370	1,471	317	250	102	Korea, Rep. of.....	1,252	1,013	359	290	512
German Dem.....						Laos.....	366	529	(NA)	40	(NA)
Rep.....	602	2,231	581	500	270	Libya.....	270	1,437	1,058	1,200	1,768
Germany, Fed.....						Nigeria.....	62	178	52	10	37
Rep. of.....	1,179	3,155	555	470	269	Pakistan.....	294	560	201	220	158
Hungary.....	184	782	222	170	242	Peru.....	151	434	243	420	139
Italy.....	311	612	179	150	121	Saudi Arabia.....	204	953	497	925	930
Japan.....	322	370	190	130	158	Spain.....	287	557	190	290	102
Poland.....	555	1,742	412	370	149	Syria.....	334	3,559	555	775	768
Romania.....	184	668	148	170	223	Turkey.....	1,157	703	328	140	195
Soviet Union.....	925	1,221	402	525	768	Vietnam.....					
United Kingdom.....	747	470	253	150	139	Socialist Rep.....	1,282	2,325	42	5	-
United States.....	870	752	116	120	111	Vietnam, South.....	4,105	7,559	(²)	(²)	(²)

- Represents zero. NA Not available. ¹ Includes countries not shown separately. ² Absorbed by Vietnam Socialist Republic in 1976.

Source of tables 592 and 593: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

NO. 594. U.S. MILITARY SALES DELIVERIES AND MILITARY ASSISTANCE DELIVERIES TO FOREIGN GOVERNMENTS, BY COUNTRY: 1960 TO 1980

[In millions of dollars. For years ending June 30 except, beginning 1977, ending Sept. 30. Represents Department of Defense military sales deliveries. Includes deliveries made under Military Assistance Program (MAP) and Military Assistance Service Funded Program (MASF); excludes training. For explanation of MAP and MASF programs, see headnote, table 595]

COUNTRY	MILITARY SALES DELIVERIES						MILITARY ASSISTANCE DELIVERIES					
	1960-1969	1970-1979 ¹	1977	1978	1979	1980	1960-1969	1970-1979 ¹	1977	1978	1979	1980
Total	6,688.3	40,038.4	7,022.4	7,407.7	7,506.3	7,698.3	14,687.2	17,419.2	108.7	220.3	168.5	336.7
Argentina.....	57.7	91.8	6.8	10.7	8.9	18.2	31.0	3.0	-	-	-	-
Australia.....	457.4	793.7	28.7	150.6	133.0	185.1	-	-	-	-	-	-
Austria.....	42.1	56.1	28.2	1.9	4.3	6.6	39.1	(2)	-	-	-	-
Belgium.....	76.4	230.6	5.3	27.6	146.5	289.7	99.2	-	-	-	-	-
Bolivia.....	5	1.0	(2)	(2)	2.1	12.3	16.8	.9	3.8	.3	2.1	-
Brazil.....	61.9	182.6	8.5	7.8	7.7	8.0	120.8	8.3	-	-	-	-
Canada.....	308.2	579.1	65.7	71.3	72.0	88.2	-	-	-	-	-	-
Chile.....	18.5	149.7	56.0	11.1	7.8	4.3	48.4	4.0	-	-	-	-
China (Taiwan).....	29.1	978.7	139.4	135.9	183.2	222.0	856.1	165.1	8.2	5.8	.5	.6
Colombia.....	2.6	18.2	.9	1.9	5.0	4.1	58.9	6.3	-	-	(z)	(z)
Denmark.....	52.0	133.5	19.9	12.0	17.6	208.6	174.4	-	-	-	-	-
Dominican Rep.....	.9	.6	(z)	.1	(z)	.1	9.3	6.4	.2	(z)	(z)	.2
Ecuador.....	2.7	30.9	9.1	7.8	8.1	10.9	17.9	2.7	-	-	-	-
Egypt.....	.1	253.4	10.5	50.8	192.0	203.8	-	-	-	-	-	-
Ethiopia.....	.2	86.5	61.7	-	-	-	86.6	70.1	7.0	-	-	-
France.....	258.9	80.2	5.2	4.4	2.8	11.3	118.1	-	-	-	-	-
Germany, Fed. Rep.....	2,471.1	3,136.4	274.8	211.0	240.2	419.7	104.4	-	-	-	-	-
Greece.....	22.7	1,171.1	259.6	125.0	127.4	155.1	619.9	149.9	.2	1.2	11.6	33.3
Guatemala.....	.2	25.3	2.2	2.4	3.6	2.3	9.6	6.1	.1	(z)	(z)	.1
Honduras.....	.2	8.0	.4	.5	.9	.6	3.3	1.7	.2	(2)	.1	(z)
India.....	19.3	12.5	1.4	1.2	1.3	6.6	86.7	3.6	.1	.2	.1	(z)
Indonesia.....	.6	57.7	25.4	6.3	6.2	89.5	47.6	94.6	6.5	9.8	7.0	22.9
Iran ²	237.8	9,691.1	2,416.6	1,669.1	1,413.8	-	437.4	26.2	-	-	-	-
Israel.....	158.9	5,496.5	869.5	828.6	377.2	622.3	-	-	-	-	-	-
Italy.....	322.8	390.3	38.1	29.9	30.2	35.9	496.2	-	-	-	-	-
Japan.....	179.6	277.1	25.9	37.2	29.7	91.2	313.0	-	-	-	-	-
Jordan.....	74.7	484.5	101.0	105.8	80.2	176.7	39.5	282.5	7.1	62.9	42.0	54.0
Kampuchea.....	-	-	-	-	-	-	28.2	1,093.7	-	-	-	-
Korea ³	2.2	1,243.4	176.9	413.6	404.2	300.0	1,997.1	2,077.8	15.3	19.0	17.6	39.8
Kuwait.....	-	442.8	157.7	188.8	71.7	87.1	-	-	-	-	-	-
Laos ³	-	-	-	-	-	-	413.1	1,002.7	-	-	-	-
Lebanon.....	1.7	27.3	.4	8.7	7.9	16.0	1.4	5.2	-	-	-	-
Liberia.....	.4	3.0	.4	(z)	.5	.6	4.4	.8	(z)	(z)	(z)	(z)
Libya.....	17.3	12.3	-	(z)	-	-	11.2	.1	-	-	-	-
Malaysia.....	3.9	56.4	2.3	3.4	3.3	4.7	-	-	-	-	-	-
Mexico.....	8.2	8.2	3.6	.5	.4	2.5	28.3	-	-	-	-	-
Morocco.....	9.8	300.1	33.7	87.5	134.5	65.2	28.3	1.3	-	-	-	-
Netherlands.....	74.3	276.9	19.9	52.3	87.6	354.6	163.1	-	-	-	-	-
New Zealand.....	52.8	62.0	3.2	4.2	5.7	18.7	-	-	-	-	-	-
Nicaragua.....	.6	4.0	.4	(z)	(z)	(z)	3.2	3.6	.1	.3	.1	(z)
Nigeria.....	.4	23.0	2.0	5.9	5.9	6.2	-	-	-	-	-	-
Norway.....	101.9	233.8	31.2	26.2	22.9	228.3	269.8	5.6	-	-	-	-
Pakistan.....	40.3	214.9	39.5	44.9	59.1	53.1	301.1	-	-	-	-	-
Panama.....	(z)	4.7	.2	.2	.3	.2	1.6	2.7	.1	.2	.1	.1
Paraguay.....	.1	.3	.2	(z)	(z)	.1	4.3	4.8	.3	.3	.1	.2
Peru.....	16.4	105.6	26.0	13.6	13.9	14.9	50.3	1.6	-	-	-	-
Philippines ³	3.5	120.6	31.5	34.5	25.5	15.3	200.4	121.4	4.3	12.0	6.6	34.4
Portugal.....	5.9	7.3	.3	1.2	.7	1.3	44.2	36.0	1.1	20.7	8.7	17.0
Saudi Arabia.....	126.6	8,397.3	1,502.1	2,368.9	2,471.5	2,724.7	13.4	-	-	-	-	-
Singapore.....	.8	130.7	15.2	9.3	81.6	18.4	-	-	-	-	-	-
South Vietnam.....	(z)	1.2	-	-	-	-	3,634.1	10,784.2	-	-	-	-
Spain.....	60.0	604.5	164.5	57.6	80.1	57.4	249.8	76.0	1.4	1.5	2.1	11.8
Sweden.....	29.7	34.9	15.7	4.5	1.5	5.6	-	-	-	-	-	-
Switzerland.....	50.5	485.4	45.0	48.3	301.5	21.2	-	-	-	-	-	-
Thailand ³	.5	268.5	17.7	93.4	85.9	202.6	435.6	443.4	10.3	12.0	6.5	33.7
Tunisia.....	1.6	48.0	3.2	1.5	42.0	9.7	20.6	19.5	.2	.2	.2	.1
Turkey.....	1.5	549.4	35.0	158.7	129.9	137.1	1,110.1	507.0	-	6.4	16.7	35.1
United Kingdom.....	948.4	1,225.3	103.8	100.8	234.8	295.0	165.9	-	-	-	-	-
Uruguay.....	1.5	14.9	5.3	1.2	.9	.8	17.3	6.1	.2	.2	.2	.2
Venezuela.....	71.9	128.6	43.7	4.3	5.1	7.5	(z)	-	-	-	-	-
Yemen.....	-	124.2	22.0	27.3	72.8	77.0	-	-	-	-	-	-
Yugoslavia.....	8.9	2.7	1.4	.2	.4	.6	-	-	-	-	-	-
Zaire.....	1.4	47.1	7.4	10.9	6.8	9.8	20.0	3.3	-	-	-	-
Other countries.....	19.9	112.4	2.0	84.2	19.2	38.0	75.1	8.4	.1	.3	.1	.2
Int'l organiz'n's.....	166.5	300.6	47.7	39.3	30.6	61.2	940.2	(z)	-	-	-	-
Gen. & regional costs.....	-	-	-	-	-	-	653.7	366.7	44.8	63.3	48.1	50.8

- Represents zero. Z Less than \$50,000. ¹Includes transactions for the transition quarter, July-Sept. 1976.

²Change between 1978 and 1979 reflects values adjusted for cancellation and program reductions agreed to by the governments of the United States and Iran. ³Includes MAP and MASF Programs for military assistance deliveries.

Source: U.S. Defense Security Assistance Agency, *Foreign Military Sales and Military Assistance Facts*, December 1980.

NO. 595. U.S. MILITARY SALES AND ASSISTANCE TO FOREIGN GOVERNMENTS: 1950 TO 1980

[In millions of dollars, except as indicated. For years ending June 30 except, beginning 1977, ending Sept. 30. Department of Defense (DOD) sales deliveries cover deliveries against DOD sales orders authorized under Arms Export Control Act, as well as earlier and applicable legislation. Military Assistance Program (MAP) authorized by Foreign Assistance Act of 1961, as amended. MAP grant aid deliveries represent military equipment and supplies delivered and expenditures for services. Military Assistance Service Funded program (MASF) aid, for 1966–1976, was used for providing military equipment and related services and training to countries engaged in hostilities in Southeast Asia. International Military Education and Training (IMET) program data, pursuant to new legislation under Foreign Assistance Act, as amended, show grant aid training of foreign military personnel as an independent program as of fiscal year 1976; training data, formerly provided under MAP and MASF, have been removed from MAP/MASF programs and included as an integral part of IMET.]

ITEM	1950–1969	1970–1979 ¹	1972	1973	1974	1975	1976 ¹	1977	1978	1979	1980
Military sales agreements ²	11,823	83,726	2,950	4,848	10,343	16,053	14,674	8,305	11,039	13,014	15,277
Weapons and ammunition ²	4,679	27,192	1,551	1,565	5,258	5,764	3,093	2,725	3,582	2,774	4,461
Combat aircraft	1,509	12,842	1,064	916	2,402	3,888	1,095	508	1,805	658	872
Missiles	820	5,439	130	402	429	783	1,016	783	939	898	1,294
Ammunition	766	3,376	184	177	536	649	405	483	426	343	432
Combat vehicles	1,014	3,327	145	33	908	354	444	394	195	742	1,069
Support equipment ³	2,177	7,724	290	683	947	954	934	540	767	2,242	1,173
Spare parts and modifications	2,889	14,539	562	985	1,606	2,813	1,818	1,696	1,861	2,457	1,718
Support services	1,990	32,738	523	1,607	2,506	6,774	8,492	3,246	3,667	5,414	4,626
Military sales deliveries	7,830	40,038	1,450	1,510	3,159	3,502	5,798	7,022	7,408	7,506	7,698
Military assistance programs ⁴	37,276	16,431	3,473	4,209	1,527	1,047	264	241	219	225	300
Military assistance program deliveries ⁴	35,644	17,419	3,169	4,771	1,852	1,809	364	109	220	169	337
Military sales financing	1,757	18,097	548	531	2,889	849	2,785	1,911	2,101	5,673	1,950
IMET program	1,422	277	61	48	48	33	26	24	28	27	25
Students trained (1,000)	317	178	52	37	12	9	7	5	4	4	4

¹ Includes transition quarter, July–Sept. 1976. ² Includes items not shown separately. ³ Includes aircraft, ships, support vehicles, communications equipment, and other supplies. ⁴ Includes Military Assistance Service Funded program data.

Source: U.S. Defense Security Assistance Agency, *Foreign Military Sales and Military Assistance Facts, December 1980*, and unpublished data.

NO. 596. SUMMARY OF MAJOR MILITARY FORCES: 1960 TO 1980

[As of June 30 except, beginning 1977, as of Sept. 30]

DESCRIPTION	1960	1965	1970	1975	1976	1977	1978	1979	1980
Department of the Army:									
Divisions	14	16	16	14	16	16	16	16	16
Maneuver battalions	(NA)	176	191	148	160	166	166	167	170
Air defense battalions/batteries	268	227	195	147	156	150	157	161	150
Special forces groups	—	7	6	3	3	4	4	3	3
Total aircraft	5,564	7,142	12,166	9,517	9,354	9,323	8,687	8,628	8,680
Department of the Navy:									
Ship operating force	900	1,020	847	577	555	543	531	533	540
Active fleet	812	936	769	496	476	464	453	458	462
Naval fleet auxiliary force ¹	—	2	5	18	19	20	21	22	25
Naval reserve force	88	82	73	63	60	59	57	53	53
Tactical air squadrons ²	104	113	88	79	74	69	65	61	61
Antisubmarine air squadrons ³	29	31	20	18	19	22	22	21	22
Marine divisions	3	3	3	3	3	3	3	3	3
Marine aircraft combat squad:									
Fixed-wing squadrons	37	36	32	31	30	30	30	30	30
Rotary-wing squadrons	12	16	21	19	19	19	19	20	24
Total aircraft	11,272	9,725	8,646	7,035	6,839	6,593	6,359	6,338	6,238
Department of the Air Force:									
ICBM launchers	5	854	1,054	1,054	1,054	1,054	1,054	1,054	1,054
Selected aircraft squadrons	280	219	181	126	125	127	130	129	126
Strategic	142	65	33	28	27	26	26	26	26
Air defense	65	39	17	7	6	6	6	6	6
Tactical (excluding air-lift)	73	115	131	91	92	95	98	96	94
Total aircraft	21,283	16,487	14,983	10,736	10,276	10,140	10,022	10,062	10,162
Active	18,351	14,668	13,545	9,336	9,286	9,256	9,138	8,959	9,128

— Represents zero. NA Not available. ¹ Civilian manned. ² Includes Special Mission. ³ Does not include patrol squadrons.

Source: U.S. Dept. of Defense, releases and unpublished data.

NO. 597. DEPARTMENT OF DEFENSE—ACTIVE DUTY MILITARY PERSONNEL: 1940 TO 1980

[Through 1976, as of June 30; beginning 1977, as of Sept. 30]

YEAR	Total service (1,000)	Rate per 1,000 population ¹	YEAR	Total service (1,000)	Rate per 1,000 population ¹	YEAR	Total service (1,000)	Rate per 1,000 population ¹
1940.....	458	3.5	1954.....	3,302	20.3	1968.....	3,548	17.7
1941.....	1,801	13.5	1955.....	2,935	17.7	1969.....	3,460	17.1
1942.....	3,859	28.5	1956.....	2,806	16.6	1970.....	3,066	14.9
1943.....	9,045	65.9	1957.....	2,796	16.3	1971.....	2,715	13.1
1944.....	11,452	82.4	1958.....	2,601	14.9	1972.....	2,323	11.1
1945.....	12,123	86.3	1959.....	2,504	14.1	1973.....	2,253	10.6
1946.....	3,030	21.4	1960.....	2,476	13.7	1974.....	2,162	10.1
1947.....	1,583	10.9	1961.....	2,484	13.5	1975.....	2,128	9.9
1948.....	1,446	9.8	1962.....	2,808	15.0	1976.....	2,082	9.6
1949.....	1,615	10.8	1963.....	2,700	14.3	1977.....	2,075	9.4
1950.....	1,460	9.6	1964.....	2,687	14.0	1978.....	2,062	9.3
1951.....	3,249	21.0	1965.....	2,655	13.7	1979.....	2,027	9.0
1952.....	3,636	23.1	1966.....	3,094	15.7	1980.....	2,051	9.0
1953.....	3,555	22.2	1967.....	3,377	17.0			

¹ Based on Bureau of the Census estimated total population (including Armed Forces abroad) as of July 1.
Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual.

NO. 598. DEPARTMENT OF DEFENSE PERSONNEL, PAYROLL, AND MILITARY RETIREES: 1950 TO 1980

[Through 1976 personnel as of June 30 and payroll for years ending June 30; beginning 1977, personnel as of Sept. 30 and payroll for years ending Sept. 30. Excludes "indirect hire" civilians, i.e. foreign nationals under special agreement by Defense Department with foreign country. See *Historical Statistics, Colonial Times to 1970*, series Y 904-916, for similar but not comparable personnel data]

YEAR	PERSONNEL (1,000)				PAYROLL (bil. dol.)				MILITARY RETIREES	
	Total	Active duty, military		Direct hire civilian	Total	Active duty, military ¹		Direct hire civilian ²	Number (1,000)	Pension pay- ments ³ (bil. dol.)
		Total	Percent			Total	Percent			
1950.....	2,213	1,460	66.0	753	8.2	5.3	64.6	2.9	132	(NA)
1955.....	4,122	2,935	71.2	1,187	13.8	9.1	65.9	4.7	180	(NA)
1960.....	3,524	2,476	70.3	1,047	15.1	9.3	61.6	5.8	256	(NA)
1965.....	3,669	2,655	72.0	1,034	18.5	11.4	61.6	7.1	481	(NA)
1970.....	4,260	3,066	72.0	1,194	30.7	19.4	63.2	11.3	773	2.5
1974.....	3,293	2,162	66.9	1,071	32.7	19.9	60.9	12.8	1,012	4.9
1975.....	3,170	2,128	67.1	1,042	34.0	20.2	59.4	13.8	1,073	6.1
1976.....	3,092	2,082	67.3	1,010	35.0	20.4	58.3	14.6	1,132	7.3
1977.....	3,057	2,075	67.9	982	36.8	21.0	57.1	15.8	1,200	8.2
1978.....	3,043	2,062	67.8	980	38.6	21.0	54.4	17.6	1,280	9.0
1979.....	2,988	2,027	67.8	960	40.9	22.7	55.5	18.2	1,286	10.3
1980.....	3,011	2,051	68.1	960	44.6	26.0	58.3	18.6	1,330	11.9

NA Not available. ¹Excludes troop subsistence, transportation, movement of personnel, etc. ²Excludes benefits, etc.
³For U.S. only. ⁴Estimated.

NO. 599. DEPARTMENT OF DEFENSE PERSONNEL, BY SERVICE: 1960 TO 1980

[In thousands. As of Dec. 31. See headnote, table 598. See *Historical Statistics, Colonial Times to 1970*, series Y 904-916, for similar but not comparable data]

BRANCH OF SERVICE	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total ¹	3,526	3,915	4,026	3,642	3,428	3,228	3,183	3,112	3,067	3,044	3,019	2,987	3,024
Army.....	1,257	1,448	1,664	1,386	1,261	1,148	1,145	1,140	1,133	1,122	1,107	1,108	1,120
Military.....	877	1,075	1,234	966	862	782	773	767	775	771	757	760	772
Civilian.....	381	373	430	420	399	366	372	373	358	351	350	348	347
Air Force.....	1,117	1,134	1,056	1,047	981	942	898	860	827	816	807	790	793
Military.....	811	842	759	754	707	674	625	599	580	572	567	557	560
Civilian.....	307	292	297	293	274	268	273	261	247	244	240	233	234
Navy ²	1,150	1,275	1,242	1,149	1,117	1,065	1,066	1,040	1,029	1,028	1,028	1,013	1,033
Military.....	806	940	882	799	777	746	742	718	717	717	717	704	719
Civilian.....	343	335	360	350	340	319	324	322	312	311	311	309	315

¹ Includes personnel assigned to Office of Secretary of Defense, Organization of Joint Chiefs of Staff, Army Corps of Engineers Civil Functions, and other defense activities, not shown separately. ² Includes Marine Corps.
Source of tables 597-599: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual, and *Military Manpower Statistics*, monthly.

No. 600. MILITARY PERSONNEL ON ACTIVE DUTY, BY SERVICE: 1960 TO 1981

[In thousands. As of June 30 except, beginning 1977, as of Sept. 30. Includes National Guard, Reserve, and retired Regular personnel on extended or continuous active duty; excludes Coast Guard, Military cadets, Naval Academy midshipmen, Air Force Academy cadets, and other officer candidates are included under enlisted personnel. See also *Historical Statistics, Colonial Times to 1970*, series Y 904-916]

BRANCH OF SERVICE	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981 ¹
Total	2,476	2,653	3,066	2,322	2,252	2,161	2,127	2,081	2,074	2,061	2,024	2,050	2,075
Officers.....	317	338	402	335	320	302	292	281	275	272	273	277	282
Enlisted.....	2,159	2,315	2,665	1,987	1,932	1,860	1,835	1,802	1,799	1,789	1,751	1,772	1,793
Army.....	873	968	1,322	811	801	783	784	779	782	771	758	777	775
Navy.....	618	671	692	588	564	546	535	524	530	530	522	527	540
Marine Corps.....	171	190	260	198	196	189	196	192	192	191	185	188	191
Air Force.....	815	824	791	726	691	644	612	585	570	569	559	558	569

¹ March estimates.

Source: 1960, U.S. Dept. of Defense, semiannual reports and unpublished data; beginning 1965, U.S. Office of Management and Budget, *The Budget of the United States Government*, annual; and unpublished data.

No. 601. ACTIVE DUTY FORCES BY SEX, RACE, AND SPANISH ORIGIN: 1971 TO 1980

[In thousands. As of June 30 except, beginning 1977, as of Sept. 30. Officers include warrant officers]

ITEM	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total	2,701.2	2,311.3	2,241.2	2,150.6	2,116.3	2,070.4	2,063.1	2,047.9	2,013.2	2,036.7
Males	2,658.9	2,266.8	2,186.2	2,076.2	2,019.5	1,961.4	1,945.4	1,914.6	1,863.3	1,866.4
Officers ¹	358.6	323.0	308.3	289.3	278.4	267.3	266.1	257.3	254.9	256.5
White.....	344.5	310.2	295.4	275.9	264.4	252.7	249.8	239.9	236.2	234.0
Black.....	8.0	7.4	7.7	8.0	8.4	8.8	9.8	10.5	11.2	11.8
Spanish origin.....	4.5	4.0	3.8	3.8	3.8	3.6	3.9	4.0	4.2	2.9
Enlisted ¹	2,300.3	1,943.8	1,877.8	1,786.9	1,741.1	1,694.1	1,679.2	1,657.3	1,608.4	1,609.9
White.....	1,921.3	1,583.8	1,498.3	1,385.8	1,336.1	1,287.2	1,255.2	1,202.0	1,133.1	1,124.7
Black.....	262.3	244.6	263.0	279.0	278.9	279.9	291.8	317.5	337.5	347.0
Spanish origin.....	77.4	77.4	76.7	79.6	80.5	78.6	76.0	73.9	71.1	65.0
Females	42.3	44.5	55.1	74.5	96.8	109.0	117.7	133.3	149.9	170.2
Officers.....	12.9	12.6	12.8	13.1	13.6	13.7	14.9	16.7	18.9	21.5
Enlisted.....	29.4	31.9	42.3	61.3	83.1	95.3	102.8	116.6	131.0	148.8

¹ Includes other races not shown separately.

Source: U.S. Dept. of Defense, Office of Equal Opportunity, unpublished data.

No. 602. MILITARY PERSONNEL ON ACTIVE DUTY, BY LOCATION: 1965 TO 1980

[In thousands. As of Dec. 31. Shore-based includes Navy personnel temporarily on shore]

ITEM	1965	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total	2,857	3,298	2,874	2,519	2,348	2,202	2,140	2,084	2,072	2,060	2,041	2,020	2,051
Shore-based.....	2,517	3,008	2,627	2,290	2,109	1,982	1,929	1,884	1,858	1,842	1,828	1,820	1,844
Naval afloat ¹	340	290	247	229	239	220	211	200	214	218	213	200	207
United States ²	2,004	2,209	1,987	1,846	1,752	1,709	1,660	1,630	1,623	1,600	1,582	1,542	1,576
Shore-based.....	1,789	2,012	1,807	1,677	1,618	1,544	1,508	1,480	1,466	1,435	1,421	1,394	1,421
Naval afloat ¹	215	197	180	169	134	165	152	150	157	165	161	148	155
Foreign countries	853	1,088	888	673	596	493	480	454	449	460	459	478	475
Percent of total.....	29.9	33.0	30.9	26.7	25.4	22.4	22.4	21.8	21.7	22.3	22.5	23.7	23.2
Shore-based.....	728	996	820	613	491	438	421	405	392	407	407	426	423
Naval afloat ¹	125	92	67	60	105	55	59	50	57	53	52	52	52

¹ Includes Marine Corps.

² Includes outlying areas.

³ Includes personnel in the Panama Canal Zone which were previously reported in the United States total.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual, and unpublished data.

No. 603. COAST GUARD PERSONNEL ON ACTIVE DUTY: 1960 TO 1980

[As of June 30 except, beginning 1977, as of Sept. 30]

YEAR	Total	Officers	Cadets	Enlisted	YEAR	Total	Officers	Cadets	Enlisted
1960.....	30,616	4,020	405	26,191	1977.....	38,158	5,889	972	31,297
1965.....	31,776	4,476	440	26,860	1978.....	37,734	6,115	881	30,738
1970.....	37,689	5,512	653	31,524	1979.....	38,559	6,340	806	31,413
1975.....	36,788	5,630	1,177	29,981	1980.....	39,381	6,463	877	32,041

Source: 1960 and 1965, U.S. Dept. of the Treasury, *Annual Report of the Secretary of the Treasury on the State of the Finances*; thereafter, U.S. Dept. of Transportation, *Annual Report of the Secretary of Transportation*.

No. 604. U.S. MILITARY PERSONNEL ABROAD OR AFLOAT, BY COUNTRY: 1970 TO 1980

[In thousands. As of June 30 except, beginning 1977, as of Sept. 30. Data are unclassified approximations]

COUNTRY	1970	1975	1977	1978	1979	1980	COUNTRY	1970	1975	1977	1978	1979	1980
Outside U.S. ¹	1,071	517	483	494	481	502	Asia and Pacific.....	683	156	130	129	122	115
Europe ²	304	314	313	330	325	332	Japan ⁴	81	48	46	46	46	46
Germany, F.R. ³	214	220	224	234	239	244	Philippines.....	24	15	14	14	14	13
Greece.....	3	4	3	4	3	4	South Korea.....	54	42	40	42	39	39
Iceland.....	3	3	3	3	3	3	China (Taiwan).....	9	4	1	(z)	-	-
Italy.....	10	12	10	12	12	12	Thailand.....	41	20	(z)	(z)	(z)	(z)
Spain.....	8	9	9	9	9	9	S. Vietnam.....	415	-	-	-	-	-
Turkey.....	7	7	5	5	5	5	Afloat.....	60	28	29	26	22	16
United Kingdom.....	21	21	21	22	23	24	U.S. outlying areas ⁵	32	25	23	22	22	22
Other countries.....	8	7	6	6	6	7	Troop dependents ⁶	347	365	322	318	383	369
Afloat.....	28	30	32	35	25	22	Europe.....	206	239	215	222	282	273
							Western Pacific.....	91	82	63	61	67	64

- Represents zero. Z Fewer than 500. ¹ Includes troops in countries not shown. ² Western Europe and related areas. ³ Federal Republic. ⁴ Includes Okinawa. ⁵ Primarily Guam, Panama Canal Zone, Puerto Rico, and Midway Islands. ⁶ Dependent data as of Sept. 30. Includes areas not shown separately.

No. 605. VIETNAM CONFLICT—U.S. MILITARY FORCES IN VIETNAM, AND CASUALTIES: 1961 TO 1980

[Military forces as of Dec. 31. All U.S. forces withdrawn by Jan. 27, 1973]

ITEM	Unit	1961-1980, total	1961-1964	1965	1966	1967	1968	1969	1970	1971	1972	1973-1980
Military forces.....	1,000.....	(x)	¹ 23.3	184.3	385.3	485.6	536.1	475.2	234.6	156.8	24.2	-
Battle deaths ²	Number.....	47,237	267	1,369	5,008	9,377	14,589	9,414	4,221	1,381	300	1,291
Killed.....	Number.....	38,436	186	1,115	4,122	7,491	12,622	8,106	3,479	1,084	193	38
Died of wounds.....	Number.....	5,169	10	103	576	978	1,594	1,166	552	157	26	7
Died while missing ³	Number.....	3,632	71	151	310	908	373	142	190	140	81	1,266
Wounded, nonfatal: ²												
Hospital care.....	1,000.....	153.3	.8	3.3	16.5	32.4	46.8	32.9	15.2	4.8	.6	(z)
No hospital care.....	1,000.....	150.3	.8	2.8	13.6	29.7	46.0	37.3	15.4	4.2	.6	(z)

- Represents zero. X Not applicable. Z Fewer than 50. ¹ For 1964 only. ² Casualties from enemy action. Deaths exclude servicemen who died in accidents or from disease. ³ Includes died while captured.

Source of tables 604 and 605: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual and unpublished data.

No. 606. ARMED FORCES PERSONNEL—SUMMARY OF MAJOR CONFLICTS

[For Revolutionary War, number of personnel serving not known, but estimates range from 184,000 to 250,000; for War of 1812, 286,730 served; for Mexican War, 78,718 served. Dates of the major conflicts may differ from those specified in various laws providing benefits for veterans. See table 605 for data on Vietnam conflict. See also *Historical Statistics, Colonial Times to 1970*, series Y 856-903]

ITEM	Unit	Civil War ¹	Spanish-American War	World War I	World War II	Korean conflict	Vietnam conflict
Personnel serving.....	1,000.....	2,213	307	4,744	² 16,354	³ 5,764	⁴ 8,811
Army.....	1,000.....	2,129	⁵ 281	4,057	11,260	2,834	4,368
Navy.....	1,000.....		23	589	4,183	1,177	1,842
Marines.....	1,000.....	84	3	79	669	424	794
Air Force ⁶	1,000.....	(x)	(x)	(⁷)	(⁷)	1,285	1,740
Coast Guard ⁸	1,000.....	(x)	(x)	9	241	44	67
Average duration of service.....	Months.....	20	8	12	33	19	23
Officers.....	Months.....	(NA)	8	14	39	24	(NA)
Enlisted.....	Months.....	(NA)	8	12	33	18	(NA)
Service abroad: Personnel serving.....	Percent.....	(NA)	⁹ 29	53	73	¹⁰ 56	(NA)
Average duration ¹¹	Months.....	(NA)	1.5	5.5	16.2	13.4	(NA)
Casualties: ¹² Battle deaths.....	1,000.....	140	(z)	53	292	34	¹³ 47
Wounds not mortal.....	1,000.....	282	(z)	204	671	103	¹³ 304
Draftees: Classified.....	1,000.....	777	(x)	24,234	36,677	9,123	¹⁴ 75,717
Examined.....	1,000.....	522	(x)	3,764	17,955	3,685	¹⁵ 8,611
Rejected.....	1,000.....	160	(x)	803	6,420	1,189	¹⁶ 3,880
Inducted.....	1,000.....	46	(x)	2,820	10,022	1,560	¹⁷ 1,759

NA Not available. X Not applicable. Z Fewer than 500. ¹ Union forces only. Estimates of the number serving in Confederate forces range from 600,000 to 1.5 million. ² Covers Dec. 1, 1941, to Dec. 31, 1946. ³ Covers June 25, 1950, to July 27, 1953. ⁴ Covers Aug. 4, 1964, to Jan. 27, 1973. ⁵ Covers Apr. 21 to Aug. 13, 1898. ⁶ Originally organized in 1907: Established as Air Force under Armed Services Unification Act of 1947. For World War I, known as Aviation Service and included in data for Army; for World War II, known as Army Air Forces and included in data for Army. ⁷ Included in Army. ⁸ Established Jan. 28, 1915. ⁹ Army and Marines only. ¹⁰ Excludes Navy. Covers July 1950 through Jan. 1955. Far East area only. ¹¹ During hostilities only. ¹² For periods covered, see footnotes 2, 3, 4 and 5. ¹³ Covers Jan. 1, 1961, to Jan. 27, 1973.

Source: The President's Commission on Veterans' Pensions, *Veterans' Benefits in the United States*, vol. I, 1956; and U.S. Dept. of Defense, unpublished data.

NO. 607. ACTIVE DUTY MILITARY PERSONNEL AND THEIR DEPENDENTS: 1960 TO 1980

[In thousands except as indicated. As of September 30]

BRANCH OF SERVICE	1960	1965	1970	1975	1976	1977	1978	1979	1980
Military personnel, total ¹	2,479	2,710	2,970	2,092	2,071	2,061	2,049	2,014	2,037
Males	2,447	2,679	2,928	1,991	1,959	1,942	1,916	1,864	1,867
Dependents, total	3,727	3,814	4,095	2,980	3,009	2,936	2,868	2,879	2,827
Spouses	1,276	1,286	1,507	1,132	1,155	1,134	1,115	1,103	1,090
Children	2,275	2,375	2,328	1,747	1,761	1,699	1,654	1,646	1,601
Parents and all other	176	153	261	101	93	103	99	130	135
Number per military person	1.50	1.41	1.38	1.50	1.45	1.42	1.40	1.54	1.51
Army	1.55	1.18	1.32	1.54	1.55	1.53	1.55	1.85	1.84
Navy	1.16	1.15	1.12	1.26	1.21	1.19	1.14	1.16	1.11
Marine Corps	.97	.97	.66	.93	.91	.89	.86	.87	.85
Air Force	1.83	2.00	1.95	1.86	1.72	1.68	1.62	1.73	1.69
Number per family unit	2.92	2.97	2.72	2.63	2.61	2.59	2.57	2.61	2.59
Army	3.15	2.89	2.66	2.75	2.74	2.76	2.75	2.88	2.89
Navy	2.75	2.78	2.54	2.54	2.53	2.46	2.43	2.40	2.34
Marine Corps	2.63	2.75	2.46	2.40	2.40	2.38	2.39	2.42	2.41
Air Force	2.85	3.16	2.93	2.62	2.50	2.51	2.48	2.45	2.41

¹ Excludes cadets.Source: U.S. Department of Defense, *Selected Manpower Statistics*, annual.

NO. 608. MILITARY PERSONNEL—DESERTION AND ABSENT-WITHOUT-AUTHORITY RATES: 1965 TO 1980

[Rate per 1,000 average end-of-month strength. For years ending June 30 except, beginning 1977, ending Sept. 30]

ITEM	1965	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Desertion rate ¹	(NA)	21.1	25.8	33.9	27.5	24.6	25.0	22.4	20.0	19.2	17.7	18.4	18.1
Army	15.7	42.4	52.3	73.5	62.0	52.1	41.1	26.0	17.7	16.7	15.4	18.1	19.1
Marine Corps	18.8	40.2	59.6	56.2	65.3	63.2	89.2	105.0	69.2	47.0	39.9	37.9	34.3
Navy	6.7	7.3	9.9	11.1	8.8	13.6	21.2	22.4	24.8	31.6	30.4	29.6	26.6
Air Force	.4	.6	.8	1.5	2.8	2.2	2.4	1.9	1.2	.6	.7	1.1	1.3
Absent-Without-Authority rate ²	(NA)	46.9	66.3	84.0	74.9	77.0	79.5	73.7	67.8	48.6	46.2	45.9	47.2
Army	60.1	112.3	132.5	176.9	166.4	159.2	129.9	95.4	70.3	47.0	40.4	38.0	41.6
Marine Corps	(NA)	(NA)	174.3	166.6	170.0	234.3	287.5	300.9	201.8	103.5	97.5	86.7	85.5
Navy	26.8	13.5	17.5	19.0	18.3	21.7	53.8	73.0	77.5	76.9	78.3	83.4	82.1
Air Force	2.9	4.4	5.9	9.4	17.2	16.1	17.3	13.0	7.8	3.8	4.6	5.9	6.4

NA Not available.

¹ Absent without authority more than 30 days.² For 30 days or less.

NO. 609. DISCHARGES OF ENLISTED PERSONNEL, BY TYPE: 1965 TO 1980

[For years ending June 30 except, beginning 1977, ending Sept. 30]

YEAR	Total discharges	Honor-able ^{1 2}	Gener-al ^{1 3}	Other than honor-able ^{1 4}	Bad con-duct ^{5 6}	Dishonor-able ^{5 7}	PERCENT OF TOTAL		
							Honor-able	General	Other
1965	718,898	678,100	25,477	13,178	2,088	55	94.3	3.5	2.1
1966	740,044	706,761	20,883	10,544	1,784	72	95.5	2.8	1.7
1967	689,617	657,684	19,562	9,741	2,565	65	95.4	2.8	1.8
1968	689,877	636,990	18,260	11,707	2,886	34	96.2	2.1	1.7
1969	1,016,470	980,376	19,853	12,392	3,662	187	96.4	2.0	1.6
1970	1,136,140	1,081,556	29,334	20,911	3,964	375	95.2	2.6	2.2
1971	1,018,822	944,365	40,256	29,139	4,737	325	92.7	4.0	3.4
1972	890,557	804,470	45,219	36,345	4,167	356	90.3	5.1	4.6
1973	719,789	646,720	40,680	29,049	2,906	434	89.8	5.7	4.5
1974	688,179	609,580	45,960	29,336	2,988	315	88.6	6.7	4.7
1975	682,952	603,058	48,999	27,015	3,587	293	88.3	7.2	4.4
1976	630,194	542,674	53,135	30,721	3,435	229	86.1	8.4	5.5
1977	569,258	509,693	38,922	18,104	2,349	190	89.5	6.8	3.7
1978	493,585	446,870	29,678	15,054	1,823	160	90.5	6.0	3.5
1979	535,011	491,644	26,683	14,544	1,854	286	91.9	5.0	3.1
1980	533,005	492,036	23,219	15,325	2,153	272	92.3	4.4	3.3

¹ Administrative discharge.² Based on proper military behavior and proficient performance of duty; honest and faithful service.³ Discharge under honorable conditions; satisfactory service; military record not sufficiently meritorious for honorable discharge.⁴ Unsatisfactory service (misconduct, security or resignation/request for discharge).⁵ Punitive, resulting from trial by court-martial.⁶ Usually punishment for repeated convictions of minor offenses.⁷ Granted after conviction of offenses usually recognized by civil law as felonies, or of military offenses requiring severe punishment.

Source of tables 608 and 609: U.S. Dept. of Defense, unpublished data.

NO. 610. ENLISTED MILITARY PERSONNEL PROCUREMENT: 1965 TO 1980

[In thousands, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30]

BRANCH OF SERVICE	1965	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total	702	1,064	872	804	632	689	625	667	601	594	513	527	582
Inductions.....	103	265	207	156	27	36	-	-	-	-	-	-	-
First enlistments.....	318	554	423	396	396	428	391	415	397	381	308	310	356
Percent.....													
Other than White ¹	10.8	11.4	11.6	13.7	15.8	18.5	20.9	18.1	17.3	20.5	23.3	26.0	26.3
High school graduates.....	66.7	72.2	71.2	66.8	65.8	64.1	65.7	71.7	72.3	74.2	81.1	72.8	67.7
Reenlistments.....	247	208	213	221	184	202	212	228	183	190	179	189	204
Reserves to active duty.....	34	37	28	31	25	23	22	24	21	23	25	28	22
Army ²	294	539	472	414	239	279	264	283	250	258	217	233	265
First enlistments.....	102	201	177	158	160	179	185	191	186	173	128	133	163
Reenlistments.....	89	78	93	98	49	62	77	91	62	82	83	93	97
Navy ²	170	212	184	146	153	171	156	168	144	143	121	115	127
First enlistments.....	94	147	100	79	89	99	84	90	85	90	70	66	75
Reenlistments.....	44	37	41	41	43	53	53	54	40	34	32	29	36
Marine Corps ²	46	107	87	71	67	67	62	71	64	59	56	58	58
First enlistments.....	34	84	68	59	56	52	47	56	52	45	42	41	42
Reenlistments.....	11	10	8	10	11	14	15	15	12	14	13	14	15
Air Force ²	192	206	148	173	173	172	143	147	143	134	119	124	132
First enlistments.....	88	122	78	101	91	98	75	76	74	73	68	70	76
Reenlistments.....	104	83	70	72	81	74	67	68	69	61	50	53	56

- Represents zero. ¹ Black only, beginning 1974. ² For some years, totals include reserves to active duty and inductions, not shown separately.

NO. 611. RESERVE OFFICERS TRAINING CORPS (ROTC)—ENROLLMENT: 1965 TO 1980

[In thousands. For May, or end of school year. Jr. ROTC refers to enrollment in high schools, academies, junior colleges, and National Defense Cadet Corps schools; after 1965, includes Jr. ROTC in all service branches]

ITEM	1965	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Senior ROTC	231	175	123	92	73	60	56	61	66	76	80	84	91
Junior ROTC	88	122	126	124	121	140	155	164	158	152	156	144	166

Source of tables 610 and 611: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual and *Military Manpower Statistics*, monthly.

NO. 612. AVERAGE ANNUAL MILITARY PAY RATES: 1970 TO 1981

[In thousands of dollars. As of June 30 except, beginning 1977, as of Sept. 30. Covers all branches of the military service. Based on weighted averages. See also, *Historical Statistics, Colonial Times to 1970*, series D 921-926 and Y 898-903]

ITEM	BASIC PAY							BASIC PAY PLUS ALLOWANCES ²						
	1970	1975	1977	1978	1979	1980	1981 ¹	1970	1975	1977	1978	1979	1980	1981 ¹
Current dollars:														
All personnel ³	4.2	7.3	8.0	8.4	8.9	9.6	10.7	5.8	9.5	10.3	10.9	11.6	13.1	15.3
Officers	9.9	14.8	16.5	17.6	18.4	19.6	21.7	13.0	18.8	21.0	22.3	23.5	25.0	28.9
Enlisted	3.4	6.0	6.6	7.0	7.5	8.0	8.9	4.7	8.0	8.7	9.2	9.7	11.2	13.2
Constant dollars: ⁴														
All personnel ³	5.3	5.7	5.6	5.5	5.6	5.6	5.3	7.1	7.5	7.3	7.2	7.3	7.6	7.6
Officers	12.5	11.6	11.6	11.6	11.6	11.4	10.8	16.0	14.8	14.9	14.8	14.8	14.6	14.4
Enlisted	4.3	4.7	4.6	4.6	4.7	4.7	4.4	5.8	6.3	6.2	6.1	6.1	6.5	6.6

¹ January estimate. ² Not strictly comparable, year to year, due to changes in allowances. ³ Excludes pay of Officer Candidates. ⁴ Constant 1972 dollars.

Source: U.S. Office of Management and Budget, unpublished data.

NO. 613. MONTHLY (OCTOBER) RATES OF MILITARY BASIC PAY: 1975 TO 1980

PAY GRADE AND YEARS OF SERVICE ¹	1975	1978	1979	1980	PAY GRADE AND YEARS OF SERVICE ¹	1975	1978	1979	1980
Recruit ² —E-1 (0-2)	\$361	\$419	\$449	\$501	2d Lt.—O-1 (0-2)	\$666	\$773	\$827	\$924
Private—E-2 (0-2)	403	467	500	559	1st Lt.—O-2 (2-3)	838	973	1,041	1,163
Pvt. 1st class—E-3 (0-2)	418	485	520	580	Captain—O-3 (6-8)	1,219	1,415	1,515	1,692
Corporal—E-4 (2-3)	459	533	571	638	Major—O-4 (14-16)	1,544	1,792	1,918	2,142
Sergeant—E-5 (4-6)	539	626	669	748	Colonel—O-6 (26-30)	2,426	2,817	3,015	3,368
Master Sgt.—E-8 (20-22)	996	1,156	1,237	1,382	Brig. Gen'l.—O-7 (26-30)	2,762	3,206	3,431	3,832
Warr. Officer.—W-1 (10-12)	838	973	1,041	1,163	Lt. Gen'l.—O-9 (26-30)	³ 3,150	³ 3,958	³ 4,176	³ 4,176
Chief Warr.—W-4 (26-30)	1,531	1,778	1,902	2,125	General—O-10 (26-30)	³ 3,150	³ 3,958	³ 4,176	³ 4,176

¹ Longevity pay step of typical military member. ² Under 4 months of service. ³ Statutory limitation.

Source: U.S. Dept. of Defense, Office of the Comptroller, unpublished data.

NO. 614. MILITARY RESERVE PERSONNEL NOT ON ACTIVE DUTY: 1960 TO 1980

[In thousands. As of June 30 except, beginning 1977, as of Sept. 30. The ready reserve includes selected reservists who are intended to assist active forces in a war and the individual ready reserve who, in a major war, would be used to fill out active and reserve units and later would be a source of combat replacements. The standby reserve cannot be called to active duty unless the Congress gives its explicit approval. The retired reserve represents a low potential for mobilization]

RESERVE STATUS AND BRANCH OF SERVICE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total reserves	4,147	2,577	3,639	3,413	3,065	2,656	2,419	2,249	2,118	2,109	2,169
Ready reserve.....	2,418	1,802	2,574	2,148	1,856	1,529	1,308	1,183	1,144	1,203	1,263
Standby reserve.....	1,585	472	492	576	496	412	340	274	183	103	86
Retired reserve.....	144	303	573	689	713	715	771	792	791	803	821
Army.....	2,625	1,515	2,221	2,140	1,878	1,631	1,389	1,243	1,178	1,173	1,218
Navy.....	930	602	808	725	640	521	489	476	435	427	438
Air Force.....	592	460	610	548	547	504	541	530	506	509	514

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual, and *Military Manpower Statistics*, monthly.

NO. 615. MILITARY RESERVE COSTS: 1975 AND 1980

[In millions of dollars. 1975 as of June 30; 1980 as of Sept. 30. Army and Air Force data include National Guard]

TYPE OF COST	RESERVE COMPONENT COSTS, 1975					RESERVE COMPONENT COSTS, 1980				
	Total	Army	Air Force	Navy	Marine Corps	Total	Army	Air Force	Navy	Marine Corps
Total	4,791	2,620	1,397	646	128	7,971	3,675	3,099	1,023	173
Personnel.....	1,679	1,109	323	188	60	2,457	1,567	526	268	96
Operations and maintenance.....	2,092	887	949	245	12	3,527	1,280	1,794	431	21
Construction.....	176	104	50	22	-	122	54	50	18	-
Procurement.....	515	448	49	6	13	1,469	667	706	88	8
Active-duty support.....	329	72	28	186	43	396	107	23	218	48

- Represents zero.

Source: U.S. Dept. of Defense, *Five-Year Defense Plan*, internal record.

NO. 616. NATIONAL GUARD—SUMMARY: 1950 TO 1980

[As of June 30 except, beginning 1977, as of Sept. 30. Includes Puerto Rico]

ITEM	Unit	1950	1955	1960	1965	1970	1975	1977	1978	1979	1980
Army National Guard: Units	Number.....	4,863	5,205	4,386	3,999	3,052	3,245	3,297	3,355	3,368	3,372
Personnel ¹	1,000.....	353	378	408	386	410	403	364	347	347	367
Funds obligated ²	Mil. dol.....	205	239	400	464	752	1,322	1,514	1,596	1,654	1,802
Value of equipment.....	Mil. dol.....	1,264	(NA)	1,500	1,478	1,600	4,100	4,100	4,723	7,600	7,600
Air National Guard: Units	Number.....	516	572	546	728	958	1,106	1,020	1,020	1,020	1,054
Personnel ¹	1,000.....	45	61	71	76	90	96	91	92	93	96
Funds obligated ²	Mil. dol.....	(NA)	184	233	321	467	890	1,044	1,104	1,250	1,601
Value of equipment.....	Mil. dol.....	(NA)	(NA)	(NA)	(NA)	(NA)	3,100	3,970	4,087	4,800	5,200

NA Not available.

¹ Officers and enlisted men; excludes Guardsmen on active duty except those undergoing basic training.

² Federal funds; includes personnel, operations, maintenance, and military construction.

NO. 617. NATIONAL GUARD—ARMY AND AIR, STATES AND OTHER AREAS: 1980

[As of Sept. 30. Regarding personnel and funds, see footnotes 1 and 2, table 616. - Represents zero]

STATE	Personnel (1,000)	Funds (mil. dol.)	STATE	Personnel (1,000)	Funds (mil. dol.)	STATE	Personnel (1,000)	Funds (mil. dol.)	STATE OR OTHER AREA	Personnel (1,000)	Funds (mil. dol.)
Total	456.4	3,403.6	Ill.....	10.5	44.4	Nebr.....	4.7	19.6	S. Dak.....	4.3	18.8
Ala.....	21.0	61.7	Ind.....	13.6	40.8	Nev.....	1.8	12.1	Tenn.....	15.3	55.2
Alaska.....	2.9	21.1	Iowa.....	6.8	31.9	N.H.....	2.6	11.8	Tex.....	18.3	70.3
Ariz.....	6.0	33.1	Kans.....	6.3	32.3	N.J.....	13.3	51.6	Utah.....	5.1	22.1
Ark.....	11.0	38.1	Ky.....	7.2	24.5	N. Mex.....	4.4	18.6	Vt.....	3.4	15.7
Calif.....	20.3	106.3	La.....	8.8	31.5	N.Y.....	19.8	79.7	Va.....	5.7	28.2
Colo.....	4.1	26.2	Maine.....	4.4	18.3	N.C.....	12.7	35.2	Wash.....	6.7	31.3
Conn.....	6.7	30.2	Md.....	7.1	27.7	N. Dak.....	4.1	17.0	W. Va.....	4.9	22.6
Del.....	2.9	14.2	Mass.....	13.6	50.8	Ohio.....	18.0	68.4	Wis.....	9.8	36.6
D.C.....	3.5	18.2	Mich.....	11.9	64.3	Okl.....	9.0	35.8	Wyo.....	2.2	12.3
Fla.....	10.1	33.0	Minn.....	9.4	38.6	Oreg.....	7.3	28.9	Undistrib.....	-	1,552.7
Ga.....	12.9	50.0	Miss.....	13.9	61.3	Pa.....	18.9	63.0			
Hawaii.....	5.2	29.4	Mo.....	10.3	45.3	R.I.....	4.1	18.9	P. R.....	10.7	28.1
Idaho.....	3.2	20.2	Mont.....	2.9	18.5	S.C.....	12.0	34.7	V. I.....	.8	2.5

Source of tables 616 and 617: U.S. National Guard Bureau, *Annual Review of the Chief, National Guard Bureau*, and unpublished data.

NO. 618. NUMBER OF LIVING VETERANS, BY PERIOD OF SERVICE: 1950 TO 1980

[Estimates in thousands. As of June 30 except, beginning 1978, as of Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series Y 957-970]

PERIOD OF SERVICE	1950	1955	1960	1965	1970	1975	1978	1979	1980
All veterans ¹	19,023	21,802	23,811	25,259	27,647	29,459	29,984	30,072	30,118
War veterans ¹	19,023	21,798	22,431	22,107	24,522	26,367	26,457	26,310	26,065
World War I.....	3,518	3,150	2,673	2,121	1,536	963	667	594	521
World War II ²	15,386	15,405	15,202	14,969	14,458	13,586	12,902	12,674	12,422
Korean conflict ³	(x)	3,999	5,482	5,718	5,867	5,973	5,897	5,866	5,826
With service in World War II.....	(x)	828	962	1,150	1,262	1,250	1,204	1,187	1,167
No service in World War II.....	(x)	3,171	4,520	4,568	4,605	4,723	4,693	4,679	4,659
Vietnam ⁴	(x)	(x)	(x)	456	4,173	7,597	8,734	8,910	9,015
With service in Korean conflict.....	(x)	(x)	(x)	22	255	503	539	547	552
In Korea and World War II.....	(x)	(x)	(x)	17	156	202	201	199	186
No service in Korean conflict.....	(x)	(x)	(x)	434	3,918	7,094	8,195	8,363	8,463
Peacetime veterans.....	(x)	4	1,380	3,152	3,125	3,092	3,527	3,762	4,053
Between Korea and Vietnam ⁵	(x)	4	1,380	3,152	3,125	3,092	3,068	3,059	3,050
Post-Vietnam era only ⁶	(x)	(x)	(x)	(x)	(x)	(x)	459	703	1,003

NA Not available. X Not applicable. ¹ Detail indicates number of living veterans who served in each war; to avoid duplication, veterans counted once in total even though service in more than one war. Totals include war with Spain, Philippine Insurrection, and Boxer Rebellion. ² Sept. 16, 1940, to July 25, 1947. ³ June 27, 1950, to Jan. 31, 1955. ⁴ Aug. 5, 1964, to May 7, 1975. ⁵ Feb. 1, 1955, to Aug. 4, 1964. ⁶ Service after May 7, 1975, only.

NO. 619. LIVING VETERANS, BY AGE AND PERIOD OF SERVICE: 1980

[In thousands, except as indicated. As of Sept. 30. Estimated. See *Historical Statistics, Colonial Times to 1970*, series Y 943-956, for all veterans]

AGE IN 1980	Total veterans	World War I	World War II ¹	KOREA			VIETNAM ²			Peacetime ³
				Total	Only in Korea	Also in WW II	Total	Only in Vietnam	Also in Korea	
Total	30,118	521	12,422	5,826	4,659	1,167	9,015	8,463	552	4,053
18-24 years.....	1,082	-	-	-	-	-	290	290	-	792
25-29 years.....	1,925	-	-	-	-	-	1,745	1,745	-	180
30-34 years.....	3,743	-	-	-	-	-	3,698	3,698	-	45
35-39 years.....	2,984	-	-	-	-	-	2,196	2,196	-	788
40-44 years.....	2,400	-	-	300	300	-	486	454	32	1,646
45-49 years.....	3,110	-	5	2,487	2,482	5	241	62	179	561
50-59 years.....	8,504	-	6,595	2,626	1,851	775	286	17	269	41
60 years and over.....	6,370	521	5,822	413	26	387	73	1	72	-
Average age (yr.).....	48.0	84.9	60.0	50.7	48.8	50.0	33.8	32.6	52.2	37.1

- Represents zero. X Not applicable. ¹ Includes 1,167,000 who served in both WW II and Korean conflict. ² Aug. 5, 1964, to May 7, 1975. ³ Post-Korean conflict (Feb. 1, 1955, to Aug. 4, 1964, only) and Post-Vietnam era (service after May 7, 1975, only).

NO. 620. DISABLED VETERANS RECEIVING COMPENSATION: 1950 TO 1980

[In thousands. As of June 30 except, beginning 1977, as of Sept. 30. Represents veterans receiving compensation for service connected disabilities. Totally disabled refers to veterans who have any disability, mental or physical, deemed to be total and permanent which prevents the individual from maintaining a livelihood]

MILITARY SERVICE	1950	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Disabled, all wars ¹	1,990	2,027	1,993	2,092	2,211	2,220	2,232	2,247	2,259	2,266	2,274
Regular establishment.....	53	103	161	185	193	194	196	207	222	240	262
World War I.....	293	173	120	85	59	55	50	43	38	34	30
World War II.....	1,643	1,544	1,486	1,416	1,330	1,309	1,288	1,261	1,241	1,218	1,193
Korea.....	(x)	206	225	239	240	240	240	239	239	237	236
Vietnam.....	(x)	(x)	(x)	167	389	423	458	497	519	537	553
Totally disabled, all wars ¹	115	110	110	124	125	123	123	123	122	121	121
Regular establishment.....	9	11	16	16	16	16	16	17	18	19	20
World War I.....	31	23	16	11	7	6	6	5	4	3	3
World War II.....	74	61	63	63	60	58	57	56	54	53	51
Korea.....	(x)	15	15	16	16	16	16	16	16	16	16
Vietnam.....	(x)	(x)	(x)	18	25	26	28	29	30	30	31

X Not applicable. ¹ Includes Spanish-American War and Mexican Border service, not shown separately.

Source of tables 618-620: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

NO. 621. VIETNAM-ERA VETERANS—LENGTH OF SERVICE: 1965 TO 1980

[For definition of median, see Guide to Tabular Presentation]

FISCAL YEAR	Service- men discharged (1,000)	VETERANS (1,000) WITH LENGTH OF SERVICE—				Median months of service	VETERANS WITH SERVICE IN VIETNAM	
		Less than 24 mo.	24–35 mo.	36–47 mo.	48 mo. or more		Number (1,000)	Percent of total
1965–1980, prel.....	9,614	2,322	2,410	1,995	2,887	36.5	3,091	32.2
1965–1966.....	1,046	181	271	256	338	39.3	56	5.4
1967.....	576	104	146	129	197	39.5	144	25.0
1968.....	788	143	324	114	207	33.3	321	40.7
1969.....	972	240	308	226	198	33.6	485	49.9
1970.....	1,043	314	270	256	203	33.2	560	53.6
1971.....	995	340	249	204	202	31.6	504	50.7
1972.....	870	346	213	131	180	29.0	300	34.5
1973.....	614	181	121	107	205	36.5	179	29.1
1974.....	567	154	103	109	201	38.9	135	23.8
1975.....	543	170	100	99	174	36.2	86	15.8
1976.....	432	104	103	93	132	36.1	60	13.8
1977 ¹	536	45	147	134	210	42.8	64	11.9
1978.....	297	—	55	79	163	50.2	78	26.1
1979.....	206	—	—	58	148	(NA)	68	33.0
1980, prel.....	129	—	—	—	129	(NA)	51	39.4

— Represents zero. NA Not available. ¹ Includes transition quarter, July–Sept. 1976.

NO. 622. VIETNAM-ERA VETERANS—EDUCATIONAL ATTAINMENT AT SEPARATION: 1965 TO 1979

[In thousands of persons, except as indicated. As of June 30 except, beginning 1977, as of Sept. 30. Total of Vietnam era veterans separated from Armed Forces between Aug. 4, 1964, and Sept. 30, 1979, differs from total of veterans in civil life on Sept. 30, 1979, because 160,000 died after returning to civil life]

EDUCATIONAL ATTAINMENT	1965– 1979, total	1965	1970	1973	1974	1975	1976	1977	1978	1979
Net separations.....	9,070.0	456.0	1,012.0	594.0	547.0	523.0	412.0	503.0	277.0	196.0
Years of school completed:										
8 years or less.....	258.5	28.3	34.8	13.4	11.9	10.3	5.5	4.5	1.4	.6
Some high school.....	6,907.5	352.8	740.1	432.3	414.3	413.0	349.2	423.5	228.0	153.3
Percent.....	76.2	77.4	73.2	72.7	75.7	78.9	84.8	84.2	82.3	78.2
1–3 years.....	16.3	22.3	16.3	14.4	16.6	19.1	18.3	14.1	9.6	6.3
4 years.....	59.9	55.1	56.9	58.3	59.1	59.8	66.6	70.1	72.7	71.9
Some college.....	1,904.0	74.9	237.1	148.3	120.8	99.7	57.3	75.0	47.6	42.1
Percent.....	20.9	16.4	23.4	25.0	22.1	19.1	13.9	14.9	17.2	21.5
1–3 years.....	13.0	10.0	14.9	13.6	11.1	10.7	10.9	11.4	13.0	15.4
4 years or more.....	7.9	6.4	8.5	11.4	11.0	8.4	3.0	3.5	4.2	6.1
Median years completed.....	12.5	12.4	12.5	12.6	12.5	12.5	12.5	12.5	12.5	12.6

Source of tables 621 and 622: U.S. Veterans Administration, *Data on Vietnam Era Veterans*, annual.

NO. 623. UNEMPLOYED MEN, BY AGE, VETERAN STATUS, AND RACE: 1979 AND 1980

[Annual averages. Rate is percent of male civilian labor force in each category]

ITEM	TOTAL		WHITE		BLACK AND OTHER	
	1979	1980	1979	1980	1979	1980
UNEMPLOYED MEN (1,000)						
Total, 16 years old and over.....	3,018	4,157	2,354	3,289	664	868
Total, 25–39 years old.....	841	1,370	649	1,078	192	292
Nonveterans.....	538	884	404	682	134	202
Post Korea ¹ veterans.....	38	66	32	55	6	11
Vietnam ² veterans.....	266	420	214	340	52	80
UNEMPLOYMENT RATE FOR MEN						
Total, 16 years old and over.....	5.1	6.9	4.4	6.1	10.3	13.3
Total, 25–39 years old.....	3.8	6.0	3.3	5.4	7.8	11.4
Nonveterans.....	3.9	6.0	3.3	5.3	7.9	11.2
Post Korea ¹ veterans.....	3.2	6.8	2.9	6.1	8.0	14.5
Vietnam ² veterans.....	3.9	6.0	3.4	5.4	7.8	11.9

¹ Service during Feb. 1, 1955, to Aug. 4, 1964; and service after May 7, 1975. ² Service during Aug. 5, 1964, to May 7, 1975.Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, January 1981, and unpublished data.

NO. 624. LIVING VETERANS—STATES AND OTHER AREAS: 1970 TO 1980

[Estimates in thousands. As of June 30 except 1980, as of Sept. 30. These estimates were developed from benchmark veteran population statistics for the States as of June 30, 1970, based on 1970 Census of Population data on veterans, place of residence, extended to Sept. 30, 1980, on the basis of (1) 1965-1970 veteran interstate migration statistics from the 1970 census; (2) Bureau of the Census provisional estimates of 1970-1971 net civilian migration of States, *Current Population Reports*, series P-25, No. 468, Oct. 5, 1971; and (3) mobility of U.S. population, 1975-1976, *Current Population Reports*, series P-20, No. 305, January 1977. They are independent of, and not directly comparable with, estimates for June 30, 1970, through June 30, 1974, previously published by the VA]

STATE OR OTHER AREA	Total veter- ans, 1970	Total veter- ans, 1975	Total veter- ans, 1980	WAR VETERANS, 1980						Service be- tween Korea and Viet- nam only ⁵	Post- Viet- nam era ⁶	
				Total ¹	World War I	World War II ²	Korean conflict ³		Vietnam era ⁴			
							Total ^{2 3}	No service in World War II	Total ³	No service in Korean conflict		
Total	27,647	29,459	30,118	26,065	521	12,422	5,826	4,659	9,015	8,463	3,050	1,003
U.S.	27,450	29,236	29,869	25,861	514	12,376	5,767	4,607	8,913	8,364	3,017	991
Ala.....	408	420	422	365	7	166	91	74	126	118	44	13
Alaska.....	30	42	40	33	(2)	12	7	6	15	15	5	2
Ariz.....	234	290	339	295	6	139	67	50	106	100	33	11
Ark.....	216	258	274	241	6	121	49	38	81	76	25	8
Calif.....	2,992	3,238	3,350	2,914	49	1,415	726	521	1,001	929	324	112
Colo.....	290	351	379	324	6	139	71	54	132	125	41	14
Conn.....	436	461	464	403	7	191	99	82	132	123	46	15
Del.....	75	79	79	64	1	31	11	9	24	23	11	4
D.C.....	120	105	99	85	2	43	27	21	21	19	10	4
Fla.....	957	1,153	1,358	1,203	36	641	276	189	364	337	118	37
Ga.....	478	618	640	547	8	226	133	107	218	206	70	23
Hawaii.....	68	93	93	77	1	30	20	16	32	30	13	3
Idaho.....	97	100	105	90	2	42	17	14	33	32	12	3
Ill.....	1,576	1,559	1,535	1,327	26	632	305	266	431	403	156	52
Ind.....	703	721	728	623	12	280	131	112	233	219	77	28
Iowa.....	377	372	377	323	9	150	63	55	115	109	41	13
Kans.....	298	309	312	272	7	133	54	43	94	89	31	9
Ky.....	386	407	414	359	8	172	78	62	124	117	42	13
La.....	431	447	451	392	8	183	93	78	131	123	45	14
Maine.....	140	145	155	133	3	65	26	21	46	44	17	5
Md.....	523	610	629	543	8	247	136	103	197	185	64	22
Mass.....	824	868	872	757	16	356	172	142	258	243	86	29
Mich.....	1,175	1,190	1,186	1,012	19	456	214	187	370	350	128	46
Minn.....	522	547	560	476	11	210	86	72	192	183	60	24
Miss.....	218	244	242	212	5	107	46	38	66	62	24	6
Mo.....	646	693	710	617	14	294	133	111	211	198	70	23
Mont.....	97	101	99	83	2	41	15	12	30	28	13	3
Nebr.....	184	197	202	173	4	79	33	28	65	62	22	7
Nev.....	66	92	95	83	1	40	20	15	28	27	9	3
N.H.....	103	123	127	107	2	54	21	16	37	35	16	4
N.J.....	1,060	1,096	1,106	963	18	478	225	186	302	281	111	32
N. Mex.....	138	135	137	118	2	57	27	20	42	39	15	4
N.Y.....	2,553	2,519	2,453	2,155	44	1,110	501	434	610	567	226	72
N.C.....	537	614	620	534	9	239	113	93	205	193	68	18
N. Dak.....	72	64	60	50	2	26	7	6	17	16	8	2
Ohio.....	1,536	1,498	1,476	1,267	24	602	258	219	449	422	154	55
Okl.....	337	392	414	360	8	171	77	59	129	122	41	13
Oreg.....	312	361	389	337	8	166	65	48	122	115	38	14
Pa.....	1,785	1,756	1,740	1,513	30	762	315	261	492	460	170	57
R.I.....	131	151	152	129	2	67	28	21	42	39	17	6
S.C.....	263	322	336	291	4	121	66	54	117	112	34	11
S. Dak.....	86	79	74	62	2	33	12	10	18	17	10	2
Tenn.....	484	529	542	468	9	210	105	90	168	159	56	18
Tex.....	1,370	1,594	1,668	1,444	26	688	313	239	523	491	169	55
Utah.....	132	143	152	129	2	52	25	19	59	56	17	6
Vt.....	57	63	64	54	1	26	9	7	21	20	7	3
Va.....	546	645	664	574	9	266	140	97	215	202	70	20
Wash.....	476	582	615	529	9	248	117	80	203	192	64	22
W. Va.....	262	235	234	205	5	106	40	34	64	60	22	7
Wis.....	590	577	592	507	13	233	97	83	189	178	63	22
Wyo.....	53	48	45	39	1	20	7	5	13	13	4	2
P.R.....	157	158	175	144	3	42	58	52	49	47	23	8
Other areas.....	40	65	74	60	4	4	1	(2)	53	52	10	4

Z Fewer than 500. ¹ Includes living Spanish American War veterans, 147 in 1980. ² See footnote 1, table 619. ³ June 27, 1950-Jan. 31, 1955. See footnote 3, table 619. ⁴ Aug. 5, 1964, to May 7, 1975. ⁵ See footnote 6, table 618. ⁶ Service after May 7, 1975 only.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs*.

NO. 625. VETERANS BENEFITS—EXPENDITURES FROM APPROPRIATED FUNDS, BY WAR: TOTAL AND 1940 TO 1980

[In millions of dollars. For years ending June 30 except, beginning 1977, ending Sept. 30. Refers to expenditures of VA and predecessor agencies. See also *Historical Statistics, Colonial Times to 1970*, series Y 971-983]

PERIOD OR YEAR	Total, all wars	Mexican War and Indian Wars	Civil War	Spanish-American War	World War I	World War II	Korean conflict ¹	Service between Korea and Vietnam only	Vietnam ²	Peace-time
Total	³ 339,033	191	8,574	5,834	65,567	157,297	29,059	9,708	51,275	11,409
To 1939	³ 18,914	147	8,356	1,537	8,557	(x)	(x)	(x)	(x)	198
1940-1944	3,016	14	102	663	1,840	281	(x)	(x)	(x)	116
1945-1949	27,139	11	49	798	2,783	23,317	(x)	(x)	(x)	181
1950-1954	25,564	7	28	821	4,638	18,878	823	(x)	(x)	369
1955-1959	24,723	5	15	696	6,835	10,956	5,674	(x)	(x)	542
1960-1964	28,466	2	13	528	9,365	13,421	4,142	(x)	(x)	995
1965-1969	34,673	(2)	6	334	9,646	16,732	3,656	1,569	1,331	1,399
1970-1974	57,154	3	5	229	9,584	23,474	4,707	3,496	13,676	1,980
1975-1979	98,085	2	(2)	192	10,256	40,397	8,013	4,029	30,805	4,391
1970	8,905	(2)	1	54	1,944	3,881	898	481	1,328	318
1971	10,240	(2)	1	51	1,917	4,317	865	648	2,083	358
1972	11,314	1	1	45	1,980	4,699	905	728	2,571	384
1973	12,817	1	1	40	1,908	5,138	988	791	3,535	415
1974	13,878	1	1	39	1,835	5,439	1,051	848	4,159	505
1975	16,419	1	(2)	38	1,897	6,196	1,219	1,089	5,392	587
1976	18,798	1	(2)	39	1,861	7,024	1,378	1,246	6,509	740
1977 ⁴	23,063	(2)	(2)	45	2,401	9,616	1,900	617	7,447	1,037
1978	19,529	(2)	(2)	35	2,001	8,421	1,686	532	5,902	952
1979	20,276	(2)	(2)	35	2,096	9,140	1,830	545	5,555	1,075
1980	21,299	(2)	(2)	36	2,063	9,841	2,044	614	5,463	1,238

X Not applicable. Z Less than \$500,000. ¹ June 27, 1950 to Jan. 31, 1955. ² Service from Aug. 5, 1964, to May 7, 1975. ³ Includes \$70 million for the Revolutionary War and \$49 million for the War of 1812. ⁴ 15 months ending Sept.

NO. 626. VETERANS COMPENSATION AND PENSION BENEFITS—NUMBER ON ROLLS AND AVERAGE PAYMENT, BY PERIOD OF SERVICE: 1960 TO 1980

[As of June 30 except, beginning 1979, as of Sept. 30. Living refers to veterans receiving compensation for disability incurred or aggravated while on active duty and war veterans receiving pension and benefits for nonservice connected disabilities. Deceased refers to veterans whose dependents were receiving pensions and compensation benefits. See also *Historical Statistics, Colonial Times to 1970*, series Y 998-999]

PERIOD OF SERVICE AND VETERAN STATUS	VETERANS ON ROLLS (1,000)						AVERAGE PAYMENT (annual basis) ¹				
	1960	1965	1970	1975	1979	1980	1965	1970	1975	1979	1980
Total	3,960	4,511	4,722	4,855	4,769	4,646	\$909	\$1,108	\$1,496	\$2,117	\$2,370
Living veterans	3,009	3,217	3,181	3,227	3,240	3,195	925	1,159	1,631	2,331	2,600
Service connected	2,027	1,993	2,092	2,220	2,266	2,273	848	1,136	1,699	2,431	2,669
Nonservice connected	982	1,224	1,089	1,006	974	922	1,050	1,204	1,481	2,098	2,428
Deceased veterans	951	1,294	1,541	1,628	1,529	1,451	869	1,000	1,227	1,662	1,863
Service connected	391	365	372	369	361	358	1,284	1,732	2,375	3,410	3,801
Nonservice connected	560	929	1,169	1,259	1,168	1,093	706	768	890	1,122	1,228
Prior to World War I	116	78	48	27	16	14	868	1,012	1,139	1,317	1,432
Living	33	14	4	1	-	-	1,197	1,618	1,896	2,386	2,634
Deceased	83	64	43	26	16	14	796	950	1,098	1,288	1,403
World War I	1,491	1,673	1,405	1,046	755	692	937	1,030	1,159	1,544	1,683
Living	1,026	1,104	771	430	231	198	1,058	1,228	1,527	2,395	2,669
Deceased	465	568	634	616	524	494	703	789	902	1,169	1,288
World War II	1,964	2,243	2,463	2,612	2,607	2,520	867	1,080	1,478	2,054	2,307
Living	1,633	1,698	1,787	1,880	1,899	1,849	842	1,100	1,566	2,198	2,462
Deceased	331	545	676	732	708	671	943	1,024	1,252	1,669	1,880
Korean conflict ²	253	309	366	428	456	446	1,008	1,266	1,722	2,387	2,691
Living	213	240	265	292	318	317	966	1,284	1,865	2,641	2,977
Deceased	40	69	101	136	138	129	1,157	1,218	1,414	1,805	1,990
Regular establishment	136	209	234	242	289	312	991	1,244	2,066	2,859	3,080
Living	103	161	185	194	240	262	783	1,022	1,886	2,634	2,828
Deceased	32	48	48	48	49	50	1,692	2,095	2,784	3,957	4,399
Vietnam era ³	(x)	(x)	207	500	645	662	(x)	1,556	1,843	2,534	2,795
Living	(x)	(x)	169	430	552	569	(x)	1,411	1,749	2,452	2,709
Deceased	(x)	(x)	38	70	93	93	(x)	2,197	2,418	3,021	3,324

- Represents zero. X Not applicable. ¹ Averages calculated by multiplying average monthly payment by 12.

² Service during period June 27, 1950, to Jan. 31, 1955. ³ Service from Aug. 5, 1964, to May 7, 1975.

Source of tables 625 and 626: U.S. Veterans' Administration, *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

NO. 627. VETERANS BENEFITS—EXPENDITURES, BY PROGRAM: 1968 TO 1980

[In millions of dollars. For years ending June 30 except, beginning 1977, ending Sept. 30. All data are on an accrued expenditure basis.]

PROGRAM	1968	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total ¹	8,495	10,201	13,974	15,282	18,003	20,168	20,285	20,937	22,178	23,187
Compensation and pensions ²	4,596	5,330	6,519	6,735	7,551	8,242	9,038	9,630	10,540	11,257
Educational assistance and adjustment benefits	477	1,047	2,745	3,269	4,529	5,543	3,891	3,337	2,800	2,383
Post-Korean veterans education ³	407	939	2,513	3,006	4,165	5,029	3,567	3,027	2,450	2,068
Dependents educational assistance	37	52	100	116	163	186	202	217	204	194
Vocational rehabilitation	23	42	72	68	73	85	101	100	96	88
Automobiles, etc., for disabled veterans	3	6	7	5	17	19	13	14	12	12
Housing for paraplegics	4	8	13	11	14	14	14	14	23	19
Changes in receivables	(2)	1	40	63	97	210	-6	-35	15	2
Medical services and administ. expenses	*1,621	*2,009	2,966	3,290	3,919	3,997	5,073	5,684	6,206	6,647
Hospital and domiciliary construction ⁴	50	75	95	109	136	224	262	288	293	342
Insurance and indemnities	1,090	1,181	965	1,128	1,345	1,249	1,028	1,009	1,433	1,637
Loan guaranty revolving fund	328	249	373	449	423	484	521	514	453	445
Direct loans	208	180	104	82	64	89	97	73	57	49
Miscellaneous expenditures	124	131	206	221	17	340	374	402	396	427

¹ Excludes expenditures from personal funds of patients. Includes expenditures from VA Revolving Supply Fund and insurance trust funds. ² Includes expenditures for statutory burial awards, special clothing allowance, mortgage life insurance, invalid lifts, headstones and markers, and other expenses. ³ Program initiated June 1966. Includes Post-Vietnam veterans. ⁴ Includes National Cancer Institute expenditures (transfer to Veterans Administration). ⁵ Includes construction grants for State extended care facilities. 1975 and later years include expenditures for health manpower training facilities.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs*.

NO. 628. VETERANS BENEFITS—SELECTED FEDERAL EXPENDITURES, STATES AND OTHER AREAS: 1980

[In millions of dollars. Year ending Sept. 30. State data are estimates]

STATE OR OTHER AREA	Total expenditures ¹	Compensation and pensions ²	Educational and training ³	Medical services	Insurance and indemnities	STATE OR OTHER AREA	Total expenditures ¹	Compensation and pensions ²	Educational and training ³	Medical services	Insurance and indemnities
Total	21,641	11,045	2,260	6,665	1,214	Mont.	77	38	8	21	4
U.S.	21,164	10,701	2,215	6,589	1,207	Nebr.	153	67	19	57	8
Ala.	431	223	62	123	15	Nev.	84	37	9	25	4
Alaska	37	9	4	22	2	N.H.	91	53	10	20	5
Ariz.	322	159	48	90	21	N.J.	472	271	36	117	44
Ark.	340	191	30	92	13	N. Mex.	160	90	20	39	8
Calif.	2,037	919	295	664	129	N.Y.	1,510	740	89	560	96
						N.C.	568	327	81	133	22
						N. Dak.	53	23	7	19	3
						Ohio	810	428	71	239	56
						Okla.	356	220	39	74	17
						Oreg.	255	127	30	78	14
						Pa.	1,010	543	64	309	79
						R.I.	105	57	9	32	5
						S.C.	298	157	53	73	12
						S. Dak.	100	37	8	49	3
						Tenn.	497	249	56	162	18
						Tex.	1,448	811	178	373	67
						Utah	116	42	18	41	5
						Vt.	57	28	3	20	2
						Va.	551	295	66	137	34
						Wash.	413	200	62	118	24
						W. Va.	244	118	17	80	10
						Wis.	377	181	33	134	23
						Wyo.	54	18	4	23	2
						P. Rico	280	184	20	72	2
						Outlying areas	6	3	3	-	-
						Foreign	190	157	23	4	6

- Represents zero. ¹ Includes expenditures not shown separately. Excludes \$1,546 million, shown in table 627 for expenditures not distributed by States. ² Excludes statutory burial awards and other expenses which are included in table 627.

³ Educational assistance for wives and widows, sons and daughters of deceased or totally disabled veterans, and post-Korean conflict veterans. Excludes benefits paid to disabled veterans training under the Vocational Rehabilitation program.

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs*.

NO. 629. VETERANS ADMINISTRATION HEALTH CARE SUMMARY: 1970 TO 1980

[For years ending June 30 except, beginning 1980, ending Sept. 30]

ITEM	Unit	1970	1975	1980	ITEM	Unit	1970	1975	1980
Facilities operating:					Inpatients treated ²	1,000.....	879	1,220	1,359
Hospitals.....	Number.....	166	171	172	VA facilities.....	1,000.....	821	1,143	1,275
Domiciliaries.....	Number.....	16	18	16	Other facilities.....	1,000.....	58	77	84
Outpatient clinics.....	Number.....	202	213	226	Average daily inpatients ³	1,000.....	117	114	105
Nursing home units.....	Number.....	63	85	92	VA facilities.....	1,000.....	102	96	84
Employment ¹	1,000.....	139	173	194	Other facilities.....	1,000.....	15	18	21
Operating costs.....	Mil. dol.....	1,775	3,461	6,158	Outpatient medical visits.....	Million.....	7.3	14.6	17.9
Medical care.....	Mil. dol.....	1,694	3,328	5,972	VA staff.....	Million.....	6.1	12.6	15.7
Research in health care.....	Mil. dol.....	60	95	138	Fee-basis.....	Million.....	1.2	2.0	2.2
Other.....	Mil. dol.....	21	37	48	Outpatient dental care:				
Prescriptions dispensed.....	Million.....	(NA)	28.0	36.6	VA staff-exams.....	1,000.....	131.5	85.8	138.1
Laboratory procedures.....	Million.....	(NA)	147	215	VA cases completed.....	1,000.....	81.1	83.7	143.3
Radiology examinations.....	Million.....	(NA)	5.4	5.7	Fee-basis authorized.....	1,000.....	54.7	130.9	109.8

NA Not available. ¹ Net full-time equivalent. ² Includes discharges during year and patients remaining.³ Patients receiving hospital care and veterans receiving domiciliary care and nursing bed care.Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs*.

NO. 630. PATIENTS RECEIVING HEALTH CARE AUTHORIZED BY VETERANS ADMINISTRATION, AND OPERATING EXPENSES OF VA MEDICAL CENTERS: 1960 TO 1980

[In thousands, except as indicated. For years ending June 30 except, beginning 1977, ending Sept. 30. See *Historical Statistics, Colonial Times to 1970*, series Y 1010-1027, for related data]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980
Patients admitted to hospitals ¹	539.2	628.0	711.3	1,069.8	1,136.3	1,171.0	1,193.6	1,196.1	1,216.3
VA medical centers ²	511.3	602.1	687.0	1,036.1	1,102.3	1,133.4	1,157.7	1,162.5	1,182.6
Psychiatric beds.....	41.4	57.7	97.3	154.4	162.0	159.9	159.1	159.8	160.4
Medical and surgical beds ³	469.8	544.4	589.7	881.7	940.3	973.5	998.6	1,002.8	1,022.2
Non-VA and State hospitals.....	27.9	25.9	24.3	33.7	34.0	37.2	35.9	33.6	33.7
Patients receiving hospital care (average daily number) ¹	114.4	111.8	87.5	82.3	80.5	76.7	74.4	71.0	69.3
VA medical centers—hospital care component.....	111.4	109.2	85.5	80.0	78.3	75.3	73.0	69.8	68.1
Psychiatric beds.....	56.7	55.4	39.5	26.1	24.8	23.5	22.8	21.6	21.0
Medical and surgical beds ³	54.7	53.7	46.0	53.9	53.5	51.8	50.2	48.2	47.1
Patients receiving care (average daily number):									
Domiciliary.....	26.3	23.6	18.7	15.0	14.7	14.2	14.0	13.7	12.8
Veterans Administration.....	16.9	14.4	12.0	9.2	9.1	9.0	8.7	8.4	7.9
State.....	9.4	9.1	6.7	5.8	5.6	5.2	5.2	5.3	4.9
Reimbursement by Federal Govt. per patient treated ⁴	(NA)	\$451	\$654	\$788	\$794	\$1,226	\$1,029	\$1,022	\$1,098
Nursing bed care.....	(NA)	.3	9.8	17.0	17.9	19.3	20.4	21.0	22.0
VA medical centers.....	(NA)	.2	3.8	6.7	7.0	7.2	7.4	7.7	7.9
State homes.....	(NA)	.2	2.4	4.1	4.2	4.6	5.0	5.2	5.6
Community nursing homes.....	(NA)	(Z)	3.6	6.2	6.7	7.5	8.0	8.1	8.5
Reimbursement by Federal Govt. per patient treated: ⁴									
State ⁴	(NA)	\$287	\$1,024	\$1,151	\$1,117	\$2,569	\$2,123	\$2,073	\$2,067
Community ⁴	(NA)	\$258	\$1,339	\$2,128	\$2,413	\$2,796	\$3,073	\$3,490	\$4,043
Visits by veterans for outpatient medical care.....	3,611	5,987	7,312	14,630	16,410	17,045	17,416	17,262	17,971
VA medical centers ² —									
Average operating beds.....	120	119	103	95	94	92	90	88	84
Psychiatric hospitals.....	55	56	42	22	21	19	18	(NA)	(NA)
General hospitals.....	65	63	61	73	73	73	73	(NA)	(NA)
Operating expenses (mil. dol.).....	763	946	1,279	2,212	2,517	2,838	3,174	3,410	3,829
Per diem cost.....	\$18	\$24	\$38	\$76	\$88	\$103	\$119	\$134	\$154
Cost per patient treated.....	(NA)	(NA)	\$1,524	\$1,984	\$2,135	\$2,346	\$2,583	\$2,772	\$3,077
Operating beds in VA nursing units and domiciliaries.....	17	17	18	17	17	18	18	18	18

NA Not available. Z Fewer than 50. ¹ Includes VA beneficiaries cared for in Army, Navy, other Federal, and State and civil (contract) hospitals; includes nonveterans. Beginning 1970, includes data for State Home hospitals.² Hospital care component. ³ Includes tuberculosis patients. ⁴ Excludes costs for VA nursing bed care and VA domiciliary care.Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

NO. 631. VA HOSPITALS—COMPENSATION AND PENSION STATUS OF PATIENTS REMAINING AND PATIENTS DISCHARGED: 1980

[In thousands. For year ending Sept. 30]

PATIENT STATUS	Total	WITH DISABILITY—					Non-veterans
		Service connected	Non-service connected				
			Total	On VA pension rolls	With service connected compensable disability ¹	With no pension or compensation	
Patients remaining in hospital, total ²	69.3	11.3	57.8	17.1	9.2	31.5	.3
General medical and surgical.....	32.0	2.5	29.4	8.8	5.8	14.9	.1
Psychoses.....	17.4	6.7	10.7	3.8	.9	6.2	(2)
Other psychiatric.....	12.1	1.3	10.8	2.4	1.5	7.0	(2)
Patients discharged, total ²	933.7	104.5	816.1	191.4	159.0	465.8	5.9
General medical and surgical.....	651.5	54.5	593.0	147.8	124.5	320.7	3.8
Psychoses.....	75.9	30.9	44.2	10.6	5.5	28.2	.8
Other psychiatric.....	136.1	12.0	123.4	18.9	18.8	85.8	.6

Z Fewer than 50. ¹ Compensable disability which does not require medical care. ² Total includes 7,200 patients with compensation and pension status unknown.

NO. 632. VETERANS ASSISTANCE TO PERSONS IN EDUCATION AND TRAINING PROGRAMS: 1970 TO 1980

[In thousands. For years ending June 30, except, beginning 1977, as of Sept. 30. Represents persons in training during year]

PROGRAM	1970	1973	1974	1975	1976	1977	1978	1979	1980
Post-Korea Education Assistance ¹	1,211	2,126	2,359	2,692	2,822	1,938	1,522	1,279	1,107
Institutions of higher education.....	677	1,177	1,333	1,693	1,924	1,380	1,144	968	842
Resident schools other than college.....	417	333	383	420	450	314	211	175	149
Correspondence schools.....		427	431	387	302	132	73	51	42
On-the-job training.....	117	189	212	192	146	112	94	84	74
Children's Educational Assistance.....	45.4	57.7	63.0	71.4	80.7	88.2	88.3	85.7	82.6
Institutions of higher education.....	40.7	52.0	57.1	64.7	73.0	80.3	80.4	77.9	75.5
Schools other than college.....	4.6	5.6	5.5	6.3	7.2	7.4	7.3	7.2	6.5
Special restorative training.....	.1	.1	.1	.1	.1	.1	.1	.1	.1
On-the-job training.....	-	.1	.3	.4	.4	.5	.5	.5	.5
Spouses, Widows/Widowers Educational Assistance Program.....	7.1	10.5	13.0	16.5	19.1	19.5	19.4	17.3	13.0
Institutions of higher education.....	3.9	7.6	9.4	12.2	14.5	15.5	15.6	14.0	10.8
Schools other than college.....	3.2	2.9	3.5	4.3	4.5	4.0	3.8	3.2	2.2
On-the-job training ²	(z)	(z)	.1	.1	.1	(z)	(z)	(z)	(z)
Vocational Rehabilitation Program for Disabled Veterans.....	24.5	29.5	27.0	² 24.8	⁴ 29.4	33.2	31.0	29.5	28.7
Institutions of higher education.....	14.9	21.0	19.5	18.5	21.0	25.0	23.2	21.7	21.0
Schools other than college.....	7.9	6.6	5.7	4.9	6.0	7.0	6.5	6.5	6.5
On-the-job training.....	1.4	1.7	1.6	1.3	1.0	1.0	1.2	1.1	1.0
Institutional on-farm.....	.2	.2	.2	.2	.2	.2	.2	.1	.1

- Represents zero. Z Fewer than 50. ¹ Includes Post-Vietnam veterans. ² Includes special restorative training.

³ Estimated. ⁴ Total includes 1,200 with type of training unknown.

Source of tables 631 and 632: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs*.

NO. 633. VETERANS GUARANTEED AND INSURED LOANS: 1960 TO 1980

[For years ending June 30 except, beginning 1977, ending Sept. 30. See table 1399 for VA loan characteristics]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980
Number of loans.....	1,000.....	178.8	176.3	186.2	290.2	326.7	382.6	380.9	364.6	297.4
Home.....	1,000.....	177.2	176.0	186.2	288.2	325.0	379.8	376.6	357.8	289.2
Amount of loans.....	Mil. dol.....	2,376	2,765	3,683	8,091	9,951	13,136	14,608	16,043	14,815
Home.....	Mil. dol.....	2,369	2,763	3,682	8,072	9,930	13,099	14,548	16,926	14,653
Guaranty and insurance.....	Mil. dol.....	1,216	1,247	1,971	3,702	4,678	5,951	6,116	7,342	6,370
Home.....	Mil. dol.....	1,215	1,246	1,971	3,096	4,672	5,933	6,086	7,284	6,289

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs*.



Section 13

Labor Force, Employment, and Earnings

This section presents data on the labor force; its distribution by occupation and industry affiliation; and the supply of, demand for, and conditions of labor.

The chief sources of these data are the Current Population Survey conducted by the U.S. Bureau of the Census; and the monthly *Employment and Earnings*, the *Monthly Labor Review*, the annual *Handbook of Labor Statistics*, and the periodic *Special Labor Force Reports*, published by the U.S. Bureau of Labor Statistics. Detailed data on the labor force are also available from the Census Bureau's decennial census of population.

Types of data.—Most statistics in this section are obtained by two methods: household interviews or questionnaires, and reports of establishment payroll records. Each method provides data which the other cannot suitably supply. Population characteristics, for example, are readily obtainable only from the household survey, while detailed industrial classification can be readily derived only from establishment records.

Data based on households are obtained from a monthly sample survey of the population. The Current Population Survey (CPS) is used to gather data for the week including the 12th of the month, and provides current comprehensive data on the labor force (see text, p. 1). CPS provides information on the work status of the population without duplication since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once, according to the job at which they work the most hours during the survey week.

Monthly data from CPS are published by the Bureau of Labor Statistics (BLS) in *Employment and Earnings* and the related reports mentioned above. Data presented include national totals, by sex, race, and age, of the number of persons in the civilian labor force; the number employed, hours of work, and industry and occupational groups; and the number unemployed, reasons for, and duration of, unemployment. Annual data shown in this section are averages of monthly figures for each calendar year, unless otherwise specified.

In addition to monthly national data, CPS also produces annual estimates of employment and unemployment for each State and the 30 largest standard metropolitan statistical areas (SMSA's). These estimates are published by BLS in its annual *Geographic Profile of Employment and Unemployment*. More detailed geographic data (e.g., for counties and cities) are provided by the decennial population censuses.

Data based on establishment records are compiled by BLS and cooperating State agencies as part of an ongoing Current Employment Statistics Program. Data, gathered from a sample of employers who voluntarily complete mail questionnaires monthly, are supplemented by data from other government agencies and adjusted at intervals to data from government social insurance program reports. The estimates exclude proprietors of unincorporated firms, self-employed persons, private household workers, unpaid family workers, agricultural workers, and the Armed Forces. In March 1980, reporting establishments employed 11 million manufacturing workers (54 percent of the total manufacturing employment at the time), 13 million workers in nonmanufacturing industries (24 percent of the total in nonmanufacturing), and 11 million Federal, State, and local government employees (68 percent of total government).

The establishment survey counts workers each time they appear on a payroll during the reference week (as with CPS, the week including the 12th of the month). Thus, unlike CPS, a person with two jobs is counted twice.

The establishment survey is designed to provide detailed industry information for the Nation, States, and metropolitan areas on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, and labor turnover. Establishment survey data are pub-

lished in *Employment and Earnings* and *Monthly Labor Review*, cited above. Historical data, in geographic detail, are shown in BLS Bulletin No. 1370-13, *Employment and Earnings, States and Areas, 1939-78*; BLS Bulletin No. 1370-15 *Supplement to Employment and Earnings, States and Areas, Data for 1977-1980*; and in the *Handbook of Labor Statistics*.

Labor force.—According to CPS definitions, the total labor force comprises the Armed Forces and the civilian labor force. The latter comprises all civilians in the noninstitutional population 16 years and over classified according to the criteria below: Employed persons comprise (a) all civilians who, during the reference week, did any work for pay or profit (minimum of an hour's work) or worked 15 hours or more as unpaid workers in a family enterprise, and (b) all persons who were not working but who had jobs or businesses from which they were temporarily absent for noneconomic reasons (illness, bad weather, vacation, labor-management dispute, etc.). Unemployed persons comprise all civilians who had no employment during the reference week, who made specific efforts to find a job within the previous four weeks (such as applying directly to an employer, or to a public employment service, or checking with friends) and who were available for work during that week. Persons on layoff from a job or waiting to report to a new job within 30 days are also classified as unemployed. All other persons, 16 years old and over, are "not in the labor force."

Information from the 1970 Census of Population introduced into estimation procedures in 1972, led to increases in the totals for civilian noninstitutional population, labor force, and employment, but had essentially no effect on unemployment levels and rates. A population adjustment, introduced in March 1973, also affected the statistics by race but had little effect on totals or rates. Further changes were caused by the comprehensive revision in classification of occupations and industries for the 1970 census, and from inclusion of a question on major activities or duties in the December 1971 CPS. As a result, comparisons of occupational employment levels between 1971-1972 and prior periods and between those two years should be made with caution. The 1972 data, however, are comparable with those for later years. Beginning in 1978, expansion of the CPS sample and revisions in the estimation procedure once again led to upward adjustments in the civilian labor force and employment totals. Unemployment levels were essentially unchanged. A detailed discussion of changes in the CPS and how they affect interpretation of the data is presented in the "Explanatory Notes" section of *Employment and Earnings*.

Hours and earnings.—Average hourly earnings, based on establishment data, are gross earnings (i.e., earnings before payroll deductions) and include overtime premiums; they exclude irregular bonuses and value of payments in kind. Hours are those for which pay was received. Wages and salary from the CPS consist of total money received for work performed by an employee during the income year. It includes wages, salary, Armed Forces pay, commissions, tips, piece-rate payments, and cash bonuses earned before deductions were made for taxes, bonds, union dues, etc. Persons who worked 35 hours or more are classified as working full-time (see table 654).

Industrial and occupational groups.—Establishments responding to the establishment survey are classified into industries on the basis of their principal product or activity (determined by annual sales volume) in accordance with the *Standard Industrial Classification (SIC) Manual*, Office of Management and Budget; 1972 is the latest issue. The SIC is a classification structure for the entire national economy. The structure provides data on a division and industry code basis, according to the level of industrial detail. For example, manufacturing is a major industrial division; food and kindred products (code 20) is one of its major groups. One of the ways this group is further divided is into meat products (code 201) and meat packing plants (code 2011). Periodically, the SIC is revised to reflect changes in the industrial composition of the economy. As mentioned above, the occupational and industrial groups used in classifying data from the CPS household interviews are defined as in the 1970 Census of Population.

Productivity.—BLS publishes measures of productivity under two major programs which measure the relationship between production and one factor of input, labor time. The first program is concerned with measures relating to private business as a whole and its various subsectors; the second provides measures for selected specific industries and various functional areas of the Federal civilian government. Data for the first program are published quarterly in the BLS press releases, *Productivity and Costs: Private Business*, *Nonfarm Business*, and *Manufacturing Sectors*, and *Productivity and Costs: Nonfinancial Corporate Sector*. Data for the second program are published annually in the BLS Bulletin, *Productivity Indexes for Selected Industries*. Conceptual and background information concerning the Federal-sector measures appears in *Monthly Labor Review*, Nov. 1974. Detailed information on methods, limitation, and data sources for both programs appears in BLS *Handbook of Methods*, BLS Bulletin 1910 (1976), chapters 30 and 31.

Labor turnover.—Labor turnover is the gross movement of wage and salary workers into and out of employed status with respect to individual establishments. This movement, relating to a calendar month, is divided into two broad types: Accessions (new hires and rehires), and separations (quits, layoffs, and terminations). The data cover all workers, temporary or permanent, and full- or part-time.

Unions.—As defined here, unions include all affiliates of the AFL-CIO, all unaffiliated national unions, and all unaffiliated unions which are party to collective bargaining agreements with different employers in more than one State. The definition excludes unions whose activities are confined to a single locality or to a single employer. In addition, BLS accounts for all unions of Federal Government employees that have received exclusive recognition. Collective bargaining settlements data are available for unions of 1,000 members or more.

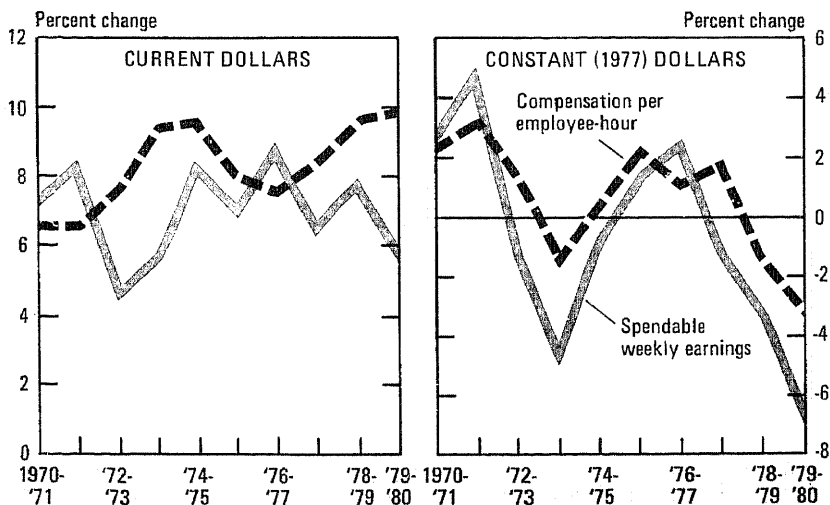
Work stoppages.—Work stoppages include all strikes and lockouts known to BLS and its cooperating agencies which last for at least one full day or shift and involve six or more workers. All stoppages, whether or not authorized by a union, legal or illegal, are counted. Excluded are work slowdowns and instances where employees report to work late, or leave early, to attend mass meetings or mass rallies.

Seasonal adjustment.—Many economic statistics reflect a regularly recurring seasonal movement which can be estimated on the basis of past experience. By eliminating that part of the change which can be ascribed to usual seasonal variation (e.g., climate or school openings and closings), it is possible to observe the cyclical and other non-seasonal movements in the series. However, in evaluating deviations from the seasonal pattern—that is, changes in a seasonally adjusted series—it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors, but also are affected by the uncertainties of the adjustment process itself.

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

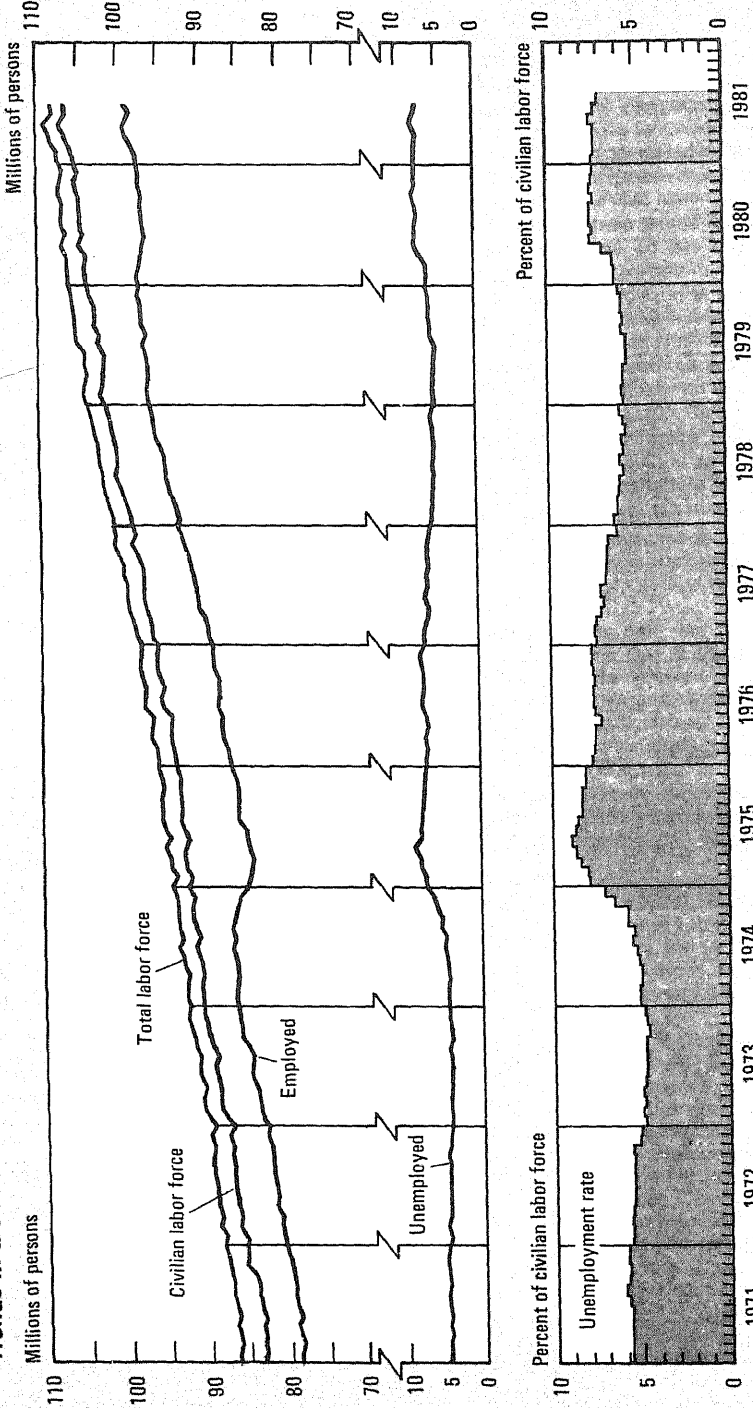
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

Figure 13.1

Earnings and Compensation—Annual Percent Changes: 1970 to 1980

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 677.

Figure 13.2
Trends in the Labor Force: 1971 to 1981



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 635.

**No. 634. EMPLOYMENT STATUS OF THE NONINSTITUTIONAL POPULATION 16 YEARS OLD AND OVER:
1947 TO 1981**

[In millions, except as indicated. Annual averages of monthly figures, except as indicated. Based on Current Population Survey, see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series D 11-19 and D 88-86]

YEAR	Total non-institutional population ¹	TOTAL LABOR FORCE ¹		Armed Forces	CIVILIAN LABOR FORCE							NOT IN LABOR FORCE				
		Number	Average annual percent change ²		Total		Employed			Unemployed		Total ³	Keeping house	Going to school	Unable to work	
					Number	Percent female	Total	Agriculture	Non-agricultural industries	Total	15 weeks or longer					Percent of civilian labor force
1947.....	103.4	60.9	(X)	1.6	59.4	28.1	57.0	7.9	49.1	2.3	(NA)	3.9	42.5	(NA)	(NA)	(NA)
1950.....	106.6	63.9	1.6	1.6	62.2	29.6	58.9	7.2	51.8	3.3	.8	5.3	42.8	(NA)	(NA)	(NA)
1955.....	112.7	68.1	1.3	3.0	65.0	31.6	62.2	6.5	55.7	2.9	.7	4.4	44.7	(NA)	(NA)	(NA)
1960.....	119.8	72.1	1.2	2.5	69.6	33.4	65.8	5.5	60.3	3.9	1.0	5.5	47.6	(NA)	(NA)	(NA)
1965.....	129.2	77.2	1.4	2.7	74.5	35.2	71.1	4.4	66.7	3.4	.8	4.5	52.1	(NA)	(NA)	(NA)
1970.....	140.2	85.9	2.0	3.2	82.7	38.1	78.6	3.5	75.2	4.1	.7	4.9	54.3	35.1	7.0	2.4
1971.....	142.6	86.9	1.2	2.8	84.1	38.2	79.1	3.4	75.7	5.0	1.2	5.9	55.7	35.6	7.5	2.6
1972.....	145.8	89.0	2.4	2.4	86.5	38.5	81.7	3.5	78.2	4.8	1.2	5.6	56.8	35.8	7.4	2.6
1973.....	148.3	91.0	2.3	2.3	88.7	38.9	84.4	3.5	81.0	4.3	.8	4.9	57.2	35.5	7.2	2.8
1974.....	150.8	93.2	2.4	2.2	91.0	39.4	85.9	3.5	82.4	5.1	.9	5.6	57.6	35.4	7.1	3.0
1975.....	153.4	94.8	1.7	2.2	92.6	39.9	84.8	3.4	81.4	7.8	2.5	8.5	58.7	35.0	7.6	3.0
1976.....	156.0	96.9	2.2	2.1	94.8	40.5	87.5	3.3	84.2	7.3	2.3	7.7	59.1	34.3	7.7	2.8
1977.....	158.6	99.5	2.7	2.1	97.4	41.0	90.5	3.2	87.3	6.9	1.9	7.0	59.0	34.0	7.6	2.8
1978.....	161.1	102.5	3.0	2.1	100.4	41.7	94.4	3.3	91.0	6.0	1.4	6.0	58.5	33.1	7.3	2.8
1979.....	163.6	105.0	2.4	2.1	102.9	42.2	96.9	3.3	93.6	6.0	1.2	5.8	58.6	32.4	7.2	2.9
1980.....	166.2	106.8	1.7	2.1	104.7	42.6	97.3	3.3	94.0	7.4	1.8	7.1	59.4	32.1	7.4	2.8
1981, Jan.-May ⁴	167.9	108.4	⁵ 1.8	2.1	106.3	42.8	98.4	3.4	95.1	7.9	2.2	7.4	59.5	(NA)	(NA)	(NA)
PERCENT DISTRIBUTION																
1947.....	100.0	58.9	(X)	1.5	57.4	(X)	55.2	7.6	47.5	2.2	(NA)	(X)	41.1	(NA)	(NA)	(NA)
1950.....	100.0	59.9	(X)	1.5	58.3	(X)	55.3	6.8	48.6	3.1	.7	(X)	40.1	(NA)	(NA)	(NA)
1955.....	100.0	60.4	(X)	2.7	57.7	(X)	55.1	5.7	49.4	2.5	.6	(X)	39.6	(NA)	(NA)	(NA)
1960.....	100.0	60.2	(X)	2.1	58.1	(X)	54.9	4.6	50.4	3.2	.8	(X)	39.8	(NA)	(NA)	(NA)
1965.....	100.0	59.7	(X)	2.1	57.6	(X)	55.0	3.4	51.6	2.6	.6	(X)	40.3	(NA)	(NA)	(NA)
1970.....	100.0	61.3	(X)	2.3	59.0	(X)	56.1	2.5	53.6	2.9	.5	(X)	38.7	25.1	5.0	1.7
1971.....	100.0	61.0	(X)	2.0	59.0	(X)	55.5	2.4	53.1	3.5	.8	(X)	39.0	24.9	5.3	1.8
1972.....	100.0	61.0	(X)	1.7	59.4	(X)	56.0	2.4	53.7	3.3	.8	(X)	39.0	24.6	5.1	1.8
1973.....	100.0	61.4	(X)	1.6	59.8	(X)	56.9	2.3	54.6	2.9	.5	(X)	38.6	23.9	4.9	1.9
1974.....	100.0	61.8	(X)	1.5	60.3	(X)	57.0	2.3	54.7	3.4	.6	(X)	38.2	23.4	4.7	2.0
1975.....	100.0	61.8	(X)	1.4	60.4	(X)	55.3	2.2	53.0	5.1	1.6	(X)	38.2	22.8	5.0	1.9
1976.....	100.0	62.1	(X)	1.4	60.7	(X)	56.1	2.1	54.0	4.7	1.5	(X)	37.9	22.0	4.9	1.8
1977.....	100.0	62.8	(X)	1.3	61.4	(X)	57.1	2.0	55.1	4.3	1.3	(X)	37.2	21.4	4.8	1.8
1978.....	100.0	63.6	(X)	1.3	62.3	(X)	58.6	2.1	56.5	3.7	.9	(X)	36.3	20.6	4.6	1.7
1979.....	100.0	64.2	(X)	1.3	62.9	(X)	59.2	2.0	57.2	3.7	.7	(X)	35.8	19.8	4.4	1.8
1980.....	100.0	64.3	(X)	1.3	63.0	(X)	58.5	2.0	56.5	4.5	1.1	(X)	35.7	19.3	4.5	1.7
1981, Jan.-May ⁴	100.0	64.6	(X)	1.3	63.3	(X)	58.6	2.0	56.6	4.7	1.3	(X)	35.4	(NA)	(NA)	(NA)

NA Not available. X Not applicable. ¹ Includes Armed Forces. ² Change from prior year shown, except as indicated. For explanation of average annual percent change, see Guide to Tabular Presentation. ³ Includes "other reasons," not shown separately. ⁴ Monthly average; seasonally adjusted, except total population and Armed Forces. ⁵ Average annual change from Jan.-May, 1980.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual, and *Employment and Earnings*, monthly.

No. 635. EMPLOYMENT STATUS OF THE POPULATION, BY SEX AND RACE: 1960 TO 1981

[Persons 16 years old and over. Annual averages of monthly figures, except as indicated. See Appendix III for methodology. See also *Historical Statistics, Colonial Times to 1970*, series D 11-19 and D 85-86.]

YEAR OR PERIOD, SEX, AND RACE	Total noninsti- tutional popula- tion ¹ (1,000)	TOTAL LABOR FORCE ¹		CIVILIAN LABOR FORCE					NOT IN LABOR FORCE	
		Total (1,000)	Per- cent of popu- lation	Total (1,000)	Em- ployed (1,000)	Employ- ment/ popula- tion ratio ²	Unemployed		Total (1,000)	Per- cent of popu- lation
							Total (1,000)	Rate ³		
Total: 1960.....	119,759	72,142	60.2	69,628	65,778	54.9	3,852	5.5	47,617	39.8
1965.....	129,236	77,179	59.7	74,455	71,088	55.0	3,366	4.5	52,058	40.3
1970.....	140,182	85,903	61.3	82,715	78,627	56.1	4,088	4.9	54,280	38.7
1972.....	145,775	88,991	61.0	86,542	81,702	56.0	4,840	5.6	56,785	39.0
1973.....	148,263	91,040	61.4	88,714	84,409	56.9	4,304	4.9	57,222	38.6
1974.....	150,827	93,240	61.8	91,011	85,936	57.0	5,076	5.6	57,587	38.2
1975.....	153,449	94,793	61.8	92,613	84,783	55.3	7,830	8.5	58,655	38.2
1976.....	156,048	96,917	62.1	94,773	87,485	56.1	7,288	7.7	59,130	37.9
1977.....	158,559	99,534	62.8	97,401	90,546	57.1	6,855	7.0	59,025	37.2
1978.....	161,058	102,537	63.7	100,420	94,373	58.6	6,047	6.0	58,521	36.3
1979.....	163,620	104,996	64.2	102,908	96,945	59.3	5,963	5.8	58,623	35.8
1980.....	166,246	106,821	64.3	104,719	97,270	58.5	7,448	7.1	59,425	35.7
1981, Jan.-May ⁴	167,915	108,432	64.6	106,306	98,449	58.6	7,856	7.4	59,483	35.4
Male: 1960.....	58,144	48,870	84.0	46,388	43,904	75.5	2,486	5.4	9,274	16.0
1965.....	62,473	50,946	81.5	48,255	46,340	74.2	1,914	4.0	11,527	18.5
1970.....	67,409	54,343	80.6	51,195	48,860	72.6	2,235	4.4	13,066	19.4
1972.....	69,864	55,671	79.7	53,265	50,630	72.5	2,635	4.9	14,193	20.3
1973.....	71,020	56,479	79.5	54,203	51,963	73.2	2,240	4.1	14,541	20.5
1974.....	72,253	57,349	79.4	55,186	52,519	72.7	2,668	4.8	14,904	20.6
1975.....	73,494	57,706	78.5	55,615	51,230	69.7	4,385	7.9	15,788	21.5
1976.....	74,739	58,397	78.1	56,359	52,391	70.1	3,968	7.0	16,341	21.9
1977.....	75,981	59,467	78.3	57,449	53,861	70.9	3,588	6.2	16,514	21.7
1978.....	77,169	60,535	78.4	58,542	55,491	71.9	3,051	5.2	16,634	21.6
1979.....	78,397	61,466	78.4	59,517	56,499	72.1	3,018	5.1	16,931	21.6
1980.....	79,642	62,088	78.0	60,145	55,988	70.3	4,157	6.9	17,554	22.0
1981, Jan.-May ⁴	80,423	62,647	77.9	60,694	56,369	70.1	4,325	7.1	17,776	22.1
Black and other: ⁵ 1960.....	5,595	(NA)	83.0	4,645	4,148	74.1	497	10.7	951	17.0
1965.....	6,330	5,084	80.3	4,855	4,496	71.0	359	7.4	1,246	19.7
1970.....	7,098	5,507	77.6	5,182	4,803	67.7	379	7.3	1,591	22.4
1972.....	7,533	5,630	74.7	5,335	4,861	64.5	475	8.9	1,902	25.2
1973.....	7,845	5,868	74.8	5,555	5,133	65.4	423	7.6	1,977	25.2
1974.....	8,107	6,028	74.4	5,700	5,179	63.9	521	9.1	2,079	25.6
1975.....	8,360	6,077	72.7	5,734	4,947	59.2	787	13.7	2,283	27.3
1976.....	8,622	6,196	71.9	5,853	5,108	59.2	745	12.7	2,425	28.1
1977.....	8,846	6,388	72.2	6,028	5,283	59.7	745	12.4	2,458	27.8
1978.....	9,098	6,667	73.3	6,284	5,599	61.5	686	10.9	2,430	26.7
1979.....	9,364	6,852	73.2	6,443	5,779	61.7	664	10.3	2,512	26.8
1980.....	9,641	6,955	72.1	6,518	5,651	58.6	868	13.3	2,686	27.9
1981, Jan.-May ⁴	9,832	7,054	71.7	6,608	5,749	58.5	858	13.0	2,778	28.3
Female: 1960.....	61,615	23,272	37.8	23,240	21,974	35.5	1,366	5.9	38,343	62.2
1965.....	66,763	26,232	39.3	26,200	24,748	37.1	1,452	5.5	40,531	60.7
1970.....	72,774	31,560	43.4	31,520	29,667	40.8	1,853	5.9	41,214	56.6
1972.....	75,911	33,320	43.9	33,277	31,072	40.9	2,205	6.6	42,591	56.1
1973.....	77,242	34,561	44.7	34,510	32,446	42.0	2,064	6.0	42,681	55.3
1974.....	78,575	35,892	45.7	35,825	33,417	42.5	2,408	6.7	42,683	54.3
1975.....	79,954	37,087	46.4	36,998	33,553	42.0	3,445	9.3	42,668	53.6
1976.....	81,309	38,520	47.4	38,414	35,095	43.2	3,320	8.6	42,789	52.6
1977.....	82,577	40,067	48.5	39,952	36,685	44.4	3,267	8.2	42,510	51.5
1978.....	83,890	42,002	50.1	41,878	38,882	46.3	2,996	7.2	41,887	49.9
1979.....	85,223	43,530	51.1	43,391	40,446	47.5	2,945	6.8	41,692	48.9
1980.....	86,604	44,733	51.7	44,574	41,283	47.7	3,291	7.4	41,871	48.3
1981, Jan.-May ⁴	87,493	45,785	52.3	45,612	42,080	48.1	3,532	7.7	41,708	47.7
Black and other: ⁵ 1960.....	6,369	(NA)	48.2	3,069	2,779	43.6	290	9.4	3,300	51.8
1965.....	7,133	3,467	48.6	3,464	3,147	44.1	317	9.2	3,666	51.4
1970.....	8,114	4,019	49.5	4,015	3,642	44.9	373	9.3	4,095	50.5
1972.....	8,736	4,254	48.7	4,249	3,767	43.1	482	11.3	4,481	51.3
1973.....	9,109	4,476	49.1	4,470	3,999	43.9	471	10.5	4,632	50.9
1974.....	9,455	4,643	49.1	4,633	4,136	43.7	497	10.7	4,812	50.9
1975.....	9,766	4,810	49.3	4,795	4,124	42.2	671	14.0	4,956	50.7
1976.....	10,075	5,062	50.2	5,044	4,356	43.2	688	13.6	5,013	49.8
1977.....	10,367	5,288	51.0	5,266	4,529	43.7	737	14.0	5,079	49.0
1978.....	10,672	5,705	53.5	5,679	4,938	46.3	741	13.1	4,967	46.5
1979.....	10,995	5,895	53.6	5,863	5,141	46.8	722	12.3	5,100	46.4
1980.....	11,323	6,071	53.6	6,029	5,239	46.3	790	13.1	5,253	46.4
1981, Jan.-May ⁴	11,556	6,334	54.8	6,161	5,320	46.0	841	13.7	5,222	45.2

NA Not available. ¹Includes Armed Forces. ²Civilian employed as percent of noninstitutional population. ³Percent of civilian labor force. ⁴Monthly average; seasonally adjusted, except population figure. ⁵Races other than White.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 636. CIVILIAN LABOR FORCE AND PARTICIPATION RATES, BY RACE, SEX, AND AGE: 1960 TO 1980

[Persons 16 years old and over. Labor force data are annual averages of monthly figures. Rates are based on annual average civilian noninstitutional population of each specified group and represent proportion of each specified group in the civilian labor force. See also *Historical Statistics, Colonial Times to 1970*, series D 42-48]

RACE, SEX, AND AGE	CIVILIAN LABOR FORCE (millions)							PARTICIPATION RATES (percent)						
	1960	1965	1970	1975	1978	1979	1980	1960	1965	1970	1975	1978	1979	1980
Total	69.6	74.5	82.7	92.6	100.4	102.9	104.7	59.4	58.9	60.4	61.2	63.2	63.7	63.8
White.....	61.9	66.1	73.5	82.1	88.5	90.6	92.2	58.8	58.4	60.2	61.5	63.4	64.0	64.2
Male.....	41.7	43.4	46.0	49.9	52.3	53.1	53.6	83.4	80.8	80.0	78.7	78.6	78.6	78.3
Female.....	20.2	22.7	27.5	32.2	36.2	37.5	38.5	36.5	38.1	42.6	45.9	49.5	50.6	51.3
Black and other.....	7.7	8.3	9.2	10.5	12.0	12.3	12.5	64.5	62.9	61.8	59.3	61.8	61.8	61.2
Male.....	4.6	4.9	5.2	5.7	6.3	6.4	6.5	83.0	79.6	76.5	71.5	72.1	71.9	70.8
Female.....	3.1	3.5	4.0	4.8	5.7	5.9	6.0	48.2	48.6	49.5	49.2	53.3	53.5	53.4
Male.....	46.4	48.3	51.2	55.6	58.5	59.5	60.1	63.3	60.7	79.7	77.9	77.9	77.9	77.4
16-19 years.....	2.8	3.4	4.0	4.8	5.1	5.0	4.9	56.2	53.8	56.1	59.2	62.1	60.7	60.7
16-17 years.....	1.3	1.5	1.8	2.0	2.2	2.1	2.0	46.0	43.9	47.0	48.6	51.9	51.6	50.1
18-19 years.....	1.5	1.9	2.2	2.7	2.9	2.9	2.9	69.3	65.9	66.7	70.7	73.0	72.1	71.5
20-24 years.....	4.1	4.9	5.7	7.4	8.1	8.2	8.3	88.1	85.8	83.3	84.6	86.0	86.6	86.0
25-34 years.....	10.3	9.9	11.3	13.9	15.3	15.8	16.3	97.7	97.3	96.4	95.3	95.4	95.4	95.3
35-44 years.....	11.0	11.1	10.5	10.3	11.0	11.3	11.6	97.7	97.3	96.9	95.7	95.7	95.7	95.5
45-54 years.....	9.6	10.0	10.4	10.4	10.1	10.1	10.0	95.7	95.6	94.2	92.1	91.3	91.4	91.2
55-64 years.....	6.4	6.8	7.1	7.0	7.1	7.1	7.2	86.8	84.6	83.0	75.8	73.5	73.0	72.3
65 yr. and over.....	2.3	2.1	2.2	1.9	1.9	1.9	1.9	33.1	27.9	26.8	21.7	20.5	20.0	19.1
Female.....	23.2	26.2	31.5	37.0	41.9	43.4	44.6	37.7	39.3	43.3	46.3	50.0	51.0	51.6
16-19 years.....	2.1	2.5	3.2	4.0	4.5	4.5	4.3	39.3	38.0	44.0	49.2	53.9	54.5	53.1
16-17 years.....	.8	1.3	1.3	1.7	1.9	1.8	1.7	29.1	27.7	34.9	40.2	45.5	45.8	43.8
18-19 years.....	1.3	1.6	1.9	2.4	2.6	2.6	2.6	50.9	49.3	53.6	58.1	62.1	62.9	62.1
20-24 years.....	2.6	3.4	4.9	6.1	6.9	7.0	7.1	46.1	49.9	57.7	64.1	68.3	69.1	69.0
25-34 years.....	4.1	4.3	5.7	8.5	10.5	11.2	11.8	38.0	38.5	45.0	54.6	62.1	63.8	65.4
35-44 years.....	5.3	5.7	6.0	6.5	7.6	8.1	8.6	43.4	46.1	51.1	55.8	61.6	63.6	65.5
45-54 years.....	5.3	5.7	6.5	6.7	6.8	6.9	7.0	49.8	50.9	54.4	54.6	57.1	58.4	59.9
55-64 years.....	3.0	3.6	4.2	4.2	4.5	4.6	4.6	37.2	41.1	43.0	41.0	41.4	41.9	41.5
65 yr. and over.....	.9	1.0	1.1	1.0	1.1	1.1	1.1	10.8	10.0	9.7	8.3	8.4	8.3	8.1

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual, and *Employment and Earnings*, monthly.

NO. 637. LABOR FORCE—PERCENT DISTRIBUTION, BY SEX AND AGE: 1960 TO 1980

[Annual average of monthly figures. Includes Armed Forces at home and abroad. See *Historical Statistics, Colonial Times to 1970*, series D 29-41, for similar but not exactly comparable data]

YEAR AND SEX	Total labor force (1,000)	PERCENT DISTRIBUTION						
		16-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 yr. and over
Total: 1960	72,142	7.3	10.6	20.9	23.1	20.7	13.0	4.4
1965.....	77,178	8.2	12.1	19.4	22.3	20.5	13.4	4.0
1970.....	85,903	8.9	14.3	20.6	19.5	19.8	13.1	3.7
1975.....	94,793	9.7	15.1	24.2	18.0	18.1	11.8	3.1
1976.....	96,917	9.6	15.2	24.9	18.0	17.6	11.6	3.0
1977.....	99,534	9.6	15.3	25.5	18.1	17.0	11.5	2.9
1978.....	102,537	9.6	15.3	25.8	18.4	16.5	11.3	3.0
1979.....	104,996	9.3	15.3	26.3	18.8	16.1	11.2	2.9
1980.....	106,821	8.9	15.2	27.0	19.2	15.9	11.0	2.8
Male: 1960	48,870	6.5	10.4	22.4	23.2	19.7	13.1	4.7
1965.....	50,946	7.5	11.6	20.9	22.6	19.9	13.3	4.2
1970.....	54,343	8.1	13.6	22.0	19.9	19.3	13.1	4.0
1975.....	57,706	8.9	14.2	25.1	18.3	18.1	12.1	3.3
1976.....	58,397	8.9	14.4	25.7	18.3	17.7	11.9	3.1
1977.....	59,467	8.9	14.5	26.1	18.3	17.2	11.8	3.1
1978.....	60,535	8.9	14.6	26.3	18.6	16.8	11.7	3.2
1979.....	61,466	8.6	14.6	26.7	18.9	16.4	11.6	3.1
1980.....	62,088	8.4	14.5	27.3	19.2	16.1	11.5	3.0
Female: 1960	23,272	8.9	11.1	17.8	22.8	22.7	12.8	3.9
1965.....	26,232	9.6	12.9	16.5	21.8	21.8	13.7	3.7
1970.....	31,560	10.3	15.5	18.1	18.9	20.7	13.2	3.3
1975.....	37,087	10.9	16.5	22.8	17.5	18.0	11.4	2.8
1976.....	38,520	10.8	16.5	23.8	17.7	17.3	11.2	2.7
1977.....	40,067	10.7	16.5	24.7	17.9	16.7	10.9	2.7
1978.....	42,002	10.7	16.5	25.2	18.2	16.1	10.6	2.7
1979.....	43,531	10.3	16.3	25.7	18.7	15.8	10.5	2.6
1980.....	44,733	9.7	16.0	26.6	19.2	15.6	10.3	2.6

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 638. CHARACTERISTICS OF THE CIVILIAN LABOR FORCE, BY STATE: 1980

[In thousands, except ratio and rate. Annual averages of monthly figures. Rates are based on civilian noninstitutional population, 16 years old and over. U.S. totals derived by independent population controls; therefore State data may not add to U.S. totals. Participation rate is the percent of the population in each specific group in the civilian labor force.]

STATE	TOTAL		EMPLOYED		Em- ployed/ popula- tion ratio ¹	UNEMPLOYED					PARTICIPA- TION RATE ³	
	Num- ber	Fe- male	Total	Fe- male		Total		Rate ²			Male	Fe- male
						Num- ber	Fe- male	Total	Male	Fe- male		
U.S.	104,719	44,574	97,270	41,283	58.6	7,448	3,291	7.1	6.9	7.4	77.4	51.6
Ala.....	1,642	687	1,498	618	54.0	144	71	8.8	7.6	10.4	72.5	47.2
Alaska.....	187	80	169	73	64.5	18	7	9.5	10.1	8.8	82.2	60.6
Ariz.....	1,126	478	1,051	448	58.1	75	30	6.6	6.9	6.3	76.5	49.8
Ark.....	972	420	898	385	55.5	74	34	7.6	7.2	8.2	72.4	49.0
Calif.....	11,203	4,818	10,443	4,490	61.0	760	328	6.8	6.8	6.8	78.3	53.8
Colo.....	1,474	633	1,391	592	67.4	82	40	5.6	5.0	6.4	84.0	59.5
Conn.....	1,616	711	1,520	662	63.7	95	49	5.9	5.2	6.8	81.1	56.0
Del.....	280	119	258	108	59.4	22	11	7.7	6.8	8.9	78.1	52.1
D.C.....	317	160	294	149	60.9	23	11	7.2	7.5	6.9	72.1	60.4
Fla.....	3,925	1,706	3,691	1,589	53.0	234	116	6.0	5.3	6.8	68.5	45.8
Ga.....	2,385	1,050	2,231	961	60.3	154	89	6.4	4.8	8.5	77.4	53.1
Hawaii.....	399	191	379	180	60.5	20	10	5.0	4.6	5.4	72.0	56.7
Idaho.....	424	172	391	157	60.1	33	15	7.9	7.4	8.5	79.0	51.8
Ill.....	5,447	2,294	4,993	2,108	60.0	454	186	8.3	8.5	8.1	79.6	52.6
Ind.....	2,620	1,114	2,368	1,006	59.3	253	109	9.6	9.6	9.7	79.4	53.2
Iowa.....	1,449	594	1,366	559	62.8	83	35	5.7	5.7	5.9	81.3	52.9
Kans.....	1,198	518	1,145	493	64.5	53	25	4.4	4.1	4.8	79.9	56.1
Ky.....	1,620	681	1,489	629	57.5	131	52	8.1	8.4	7.7	76.6	50.0
La.....	1,723	708	1,608	657	56.1	115	50	6.7	6.4	7.1	75.3	46.6
Maine.....	500	215	461	196	56.7	39	18	7.7	7.2	8.4	73.9	50.3
Md.....	2,133	940	1,996	875	63.9	137	65	6.4	6.1	6.9	80.8	57.1
Mass.....	2,893	1,263	2,731	1,193	61.9	163	70	5.6	5.7	5.6	78.4	54.1
Mich.....	4,298	1,770	3,757	1,573	55.3	541	197	12.6	13.6	11.1	76.9	50.4
Minn.....	2,116	923	1,996	876	65.6	120	47	5.7	6.1	5.1	80.6	59.1
Miss.....	1,024	445	948	402	55.5	76	42	7.5	5.8	9.5	73.1	48.5
Mo.....	2,295	986	2,134	916	58.1	161	70	7.0	7.0	7.1	76.0	50.6
Mont.....	374	154	352	144	60.6	22	10	6.0	5.6	6.5	77.6	51.9
Nebr.....	776	332	745	317	63.9	31	15	4.0	3.6	4.6	79.9	54.5
Nev.....	376	153	352	143	66.7	23	10	6.2	6.0	6.4	82.8	59.1
N.H.....	461	199	439	189	65.5	22	10	4.7	4.4	5.1	81.1	57.3
N.J.....	3,582	1,569	3,323	1,442	59.7	258	126	7.2	6.6	8.1	78.6	52.3
N. Mex.....	542	217	502	200	56.5	40	17	7.4	7.1	7.9	76.4	46.9
N.Y.....	7,992	3,424	7,389	3,158	55.5	603	265	7.5	7.4	7.7	74.5	47.7
N.C.....	2,741	1,210	2,561	1,124	62.2	180	86	6.5	6.1	7.1	78.8	55.6
N. Dak.....	309	125	293	118	61.7	15	7	4.9	4.7	5.2	78.6	51.7
Ohio.....	5,086	2,138	4,660	1,960	58.4	426	178	8.4	8.4	8.3	78.7	50.5
Okla.....	1,325	552	1,261	524	58.7	64	28	4.8	4.6	5.0	76.3	48.7
Oreg.....	1,271	529	1,167	482	60.4	105	48	8.2	7.7	9.0	78.3	53.8
Pa.....	5,368	2,213	4,951	2,042	55.3	417	172	7.8	7.8	7.8	75.0	46.6
R.I.....	462	205	429	189	60.8	33	16	7.2	6.7	7.9	77.7	54.7
S.C.....	1,306	571	1,216	527	58.2	90	44	6.9	6.2	7.7	75.6	51.2
S. Dak.....	338	143	322	136	64.4	16	7	4.7	4.8	4.6	80.7	55.3
Tenn.....	2,015	856	1,870	790	56.9	145	66	7.2	6.8	7.7	74.3	49.5
Texas.....	6,412	2,637	6,075	2,471	62.4	337	166	5.2	4.5	6.3	80.4	52.3
Utah.....	607	249	570	231	61.8	38	18	6.2	5.6	7.1	81.6	51.6
Vt.....	245	105	230	97	62.3	16	8	6.4	5.6	7.5	79.0	54.8
Va.....	2,530	1,116	2,401	1,049	62.8	129	68	5.1	4.3	6.1	79.6	54.5
Wash.....	1,907	796	1,765	737	60.0	142	59	7.5	7.5	7.4	78.1	52.3
W. Va.....	768	286	696	262	49.5	72	25	9.4	9.8	8.6	71.5	39.1
Wis.....	2,401	1,032	2,232	964	62.9	169	68	7.0	7.3	6.6	79.8	56.3
Wyo.....	233	92	223	87	67.2	9	5	3.9	3.1	5.1	84.5	55.5

¹ Civilian employment as a percent of civilian noninstitutional population. ² Percent unemployed of the civilian labor force.

³ Percent of civilian noninstitutional population of each specified group in the civilian labor force.

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 1980*.

NO. 639. CIVILIAN LABOR FORCE—EMPLOYMENT STATUS, BY SEX, RACE, AND AGE: 1980

[Persons 16 years old and over; noninstitutional population. Annual averages of monthly figures]

AGE AND RACE	CIVILIAN LABOR FORCE			MALE (1,000)			FEMALE (1,000)			PERCENT OF LABOR FORCE			
	Total (1,000)	Percent by age		Total	Em- ployed	Un- em- ployed	Total	Em- ployed	Un- em- ployed	Employed		Unemployed	
		Male	Fe- male							Male	Fe- male	Male	Fe- male
All workers	104,719	100.0	100.0	60,145	55,988	4,157	44,574	41,283	3,291	93.1	92.6	6.9	7.4
16-19 yrs.....	9,242	8.2	9.7	4,912	4,016	896	4,331	3,587	744	81.8	82.8	18.2	17.2
20-24 yrs.....	15,380	13.8	15.9	8,287	7,254	1,033	7,093	6,360	733	87.5	89.7	12.5	10.3
25-34 yrs.....	28,168	27.1	26.6	16,327	15,232	1,094	11,842	10,989	852	93.3	92.8	6.7	7.2
35-44 yrs.....	20,227	19.3	19.3	11,626	11,152	475	8,601	8,141	460	95.9	94.7	4.1	5.3
45-54 yrs.....	16,925	16.5	15.6	9,952	9,591	361	6,972	6,656	316	96.4	95.5	3.6	4.5
55-64 yrs.....	11,755	11.9	10.3	7,164	6,924	240	4,591	4,441	150	96.6	96.7	3.4	3.3
65 and over.....	3,021	3.1	2.6	1,877	1,819	58	1,144	1,108	36	96.9	96.9	3.1	3.1
White	92,171	100.0	100.0	53,627	50,337	3,289	38,544	36,043	2,501	93.9	93.5	6.1	6.5
16-19 yrs.....	8,233	8.2	10.0	4,375	3,666	709	3,858	3,289	570	83.8	85.3	16.2	14.8
20-24 yrs.....	13,401	13.6	15.9	7,267	6,462	805	6,134	5,611	523	88.9	91.5	11.1	8.5
25-34 yrs.....	24,462	26.9	26.0	14,445	13,586	860	10,017	9,389	628	94.1	93.7	6.0	6.3
35-44 yrs.....	17,758	19.4	19.1	10,377	10,000	377	7,381	7,016	365	96.4	95.1	3.6	4.9
45-54 yrs.....	14,970	16.6	15.7	8,905	8,613	292	6,065	5,805	259	96.7	95.7	3.3	4.3
55-64 yrs.....	10,629	12.2	10.6	6,553	6,349	204	4,076	3,949	126	96.9	96.9	3.1	3.1
65 and over.....	2,718	3.2	2.6	1,704	1,661	43	1,014	984	30	97.5	97.0	2.5	3.0
Other races	12,548	100.0	100.0	6,518	5,651	868	6,029	5,239	790	86.7	86.9	13.3	13.1
16-19 yrs.....	1,009	8.2	7.8	536	349	187	473	298	174	65.1	63.0	34.9	36.8
20-24 yrs.....	1,979	15.7	15.9	1,020	792	228	959	750	210	77.6	78.2	22.4	21.9
25-34 yrs.....	3,706	28.9	30.3	1,881	1,647	235	1,825	1,600	224	87.6	87.7	12.5	12.3
35-44 yrs.....	2,469	19.2	20.2	1,249	1,152	97	1,220	1,125	95	92.2	92.2	7.8	7.8
45-54 yrs.....	1,955	16.1	15.1	1,047	978	69	908	851	57	93.4	93.7	6.6	6.3
55-64 yrs.....	1,126	9.4	8.5	611	575	36	515	491	24	94.1	95.3	5.9	4.7
65 and over.....	304	2.7	2.2	173	158	15	130	124	6	91.3	95.4	8.7	4.6

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 640. EMPLOYED PERSONS, BY SELECTED CHARACTERISTICS: 1970 TO 1980

[In thousands of persons 16 years old and over; Civilian noninstitutional population. Annual averages of monthly figures]

AGE, SEX, AND MARITAL STATUS	1970	1974	1975	1976	1977	1978	1979	1980
Total employed	78,627	85,935	84,783	87,485	90,546	94,373	96,945	97,270
16-19 years.....	6,141	7,403	7,046	7,270	7,610	7,981	7,984	7,603
20-24 years.....	9,719	11,903	11,638	12,276	12,855	13,498	13,891	13,615
25 years and over.....	62,767	66,631	66,099	67,940	70,081	72,894	75,070	76,053
25-44 years.....	32,209	36,302	36,408	38,206	40,130	42,410	44,352	45,515
45-64 years.....	27,441	27,508	26,908	27,006	27,187	27,566	27,749	27,611
65 years and over.....	3,117	2,821	2,784	2,727	2,763	2,919	2,969	2,927
Male	48,960	52,518	51,230	52,391	53,861	55,491	56,499	55,988
16-19 years.....	3,407	4,074	3,803	3,904	4,124	4,279	4,236	4,016
20-24 years.....	5,231	6,622	6,339	6,742	7,031	7,330	7,534	7,254
25 years and over.....	40,323	41,823	41,088	41,744	42,706	43,883	44,730	44,718
25-44 years.....	21,132	22,914	22,677	23,437	24,301	25,307	26,147	26,384
45-64 years.....	17,097	17,047	16,609	16,585	16,657	16,734	16,721	16,515
65 years and over.....	2,094	1,862	1,803	1,722	1,749	1,842	1,861	1,819
Female	29,667	33,417	33,553	35,095	36,685	38,882	40,446	41,283
16-19 years.....	2,734	3,329	3,243	3,365	3,486	3,702	3,748	3,587
20-24 years.....	4,488	5,281	5,299	5,534	5,824	6,168	6,358	6,360
25 years and over.....	22,444	24,808	25,011	26,196	27,375	29,012	30,340	31,335
25-44 years.....	11,077	13,388	13,730	14,769	15,830	17,103	18,204	19,130
45-64 years.....	10,344	10,461	10,300	10,421	10,531	10,832	11,028	11,097
65 years and over.....	1,023	959	981	1,006	1,015	1,077	1,108	1,108
Male: Married, spouse present	37,964	38,945	37,882	38,078	38,397	38,688	38,090	38,302
Single (never-married).....	8,416	10,317	10,103	10,813	11,646	12,584	13,053	13,113
Widowed, divorced, separated.....	2,580	3,257	3,245	3,499	3,817	4,220	4,356	4,573
Female: Married, spouse present	17,561	19,579	19,561	20,291	20,976	21,881	22,724	23,097
Single (never-married).....	6,607	7,662	7,824	8,375	8,699	9,674	10,176	10,340
Widowed, divorced, separated.....	5,499	6,176	6,168	6,428	6,811	7,327	7,546	7,845

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly; and unpublished data.

No. 641. PERSONS OF SPANISH ORIGIN—CIVILIAN LABOR FORCE PARTICIPATION: 1975 TO 1980

[Persons 16 years old and over. As of March. The terms "Spanish" and "Hispanic" are interchangeable; specific usage is dependent on the source of the data. Based on Current Population Survey; see text, p. 1]

ITEM	1975			1979			1980		
	Total ¹	Mexican	Puerto Rican	Total ¹	Mexican	Puerto Rican	Total ¹	Mexican	Puerto Rican
Total (1,000).....	6,724	3,921	972	7,573	4,487	1,027	8,305	4,886	1,088
Percent in labor force: Male	78.8	79.8	73.5	80.5	82.5	72.2	80.3	83.2	72.5
Female	42.3	42.1	33.5	47.4	48.1	33.4	47.9	49.5	34.8
Percent unemployed: Male	13.1	12.2	19.3	7.9	7.0	14.3	8.0	8.2	11.0
Female	12.2	11.9	14.7	9.8	10.7	11.9	10.4	11.6	12.8
Employed men (1,000).....	2,212	1,358	252	2,704	1,724	272	3,037	1,920	310
Percent: White-collar	26.2	21.4	28.7	23.7	19.4	24.9	25.9	21.5	26.9
Blue-collar	56.0	60.6	49.5	58.1	61.3	52.5	56.0	59.9	50.5
Farm	5.2	7.7	1.4	4.7	6.4	3.0	4.6	6.1	1.5
Service	12.6	10.4	20.5	13.4	12.9	19.5	13.6	12.4	21.1

¹Includes persons of Cuban, Central or South American, and other Spanish origin, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 290, 354, and 361.

No. 642. FULL- AND PART-TIME STATUS OF THE CIVILIAN LABOR FORCE: 1965 TO 1980

[In thousands, except percent. Persons 16 years old and over, except as indicated. Annual averages of monthly figures. The part-time (working less than 35 hours per week) labor force consists of persons working part-time voluntarily and unemployed persons seeking part-time work]

ITEM	FULL-TIME					PART-TIME				
	1965	1970	1975	1979	1980	1965	1970	1975	1979	1980
Civilian labor force.....	65,929	71,020	79,096	87,741	89,346	8,527	11,695	13,517	15,167	15,373
Percent of total	88.5	85.9	85.4	85.3	85.3	11.4	14.1	14.6	14.7	14.7
Employed.....	63,138	67,819	72,659	83,102	83,238	7,952	10,808	12,124	13,843	14,032
Unemployed.....	2,791	3,201	6,437	4,639	6,108	575	887	1,393	1,325	1,341
Percent ¹	4.2	4.5	8.1	5.3	6.8	6.7	7.6	10.3	8.7	8.7
Males, 20 yr. and over.....	43,243	44,933	48,292	51,777	52,423	1,616	2,257	2,563	2,710	2,810
Employed.....	41,892	43,433	45,084	49,726	49,343	1,530	2,120	2,343	2,537	2,630
Unemployed.....	1,351	1,500	3,208	2,050	3,081	86	137	220	173	180
Percent ¹	3.1	3.3	6.6	4.0	5.9	5.3	6.1	8.6	6.4	6.4
Females, 20 yr. and over.....	19,138	22,208	25,975	30,806	31,969	4,550	6,071	6,984	9,105	8,253
Employed.....	18,260	21,132	23,795	29,064	29,913	4,371	5,800	6,515	7,634	7,783
Unemployed.....	878	1,076	2,180	1,742	2,077	179	271	469	471	471
Percent ¹	4.6	4.8	8.4	5.7	6.5	3.9	4.5	6.7	5.8	5.7
Persons, 16-19 yr.....	3,549	3,878	4,829	5,159	4,933	2,361	3,368	3,969	4,353	4,309
Employed.....	2,986	3,253	3,780	4,311	3,983	2,050	2,888	3,266	3,672	3,620
Unemployed.....	563	625	1,049	848	950	311	480	703	681	689
Percent ¹	15.9	16.1	21.7	16.4	19.3	13.2	14.2	17.7	15.6	16.0

¹Unemployed as percent of civilian labor force in specified group.

No. 643. PERSONS NOT IN THE LABOR FORCE—JOB DESIRE AND REASONS FOR NOT SEEKING WORK, BY SEX AND RACE: 1970 AND 1980

[In thousands of persons 16 years old and over. Annual averages of quarterly data]

JOB DESIRE AND REASON	1970					1980				
	Total	Male	Female	White	Black and other	Total	Male	Female	White	Black and other
Not in labor force ¹	54,280	13,066	41,214	48,594	5,686	59,425	17,554	41,871	51,486	7,939
Do not want job now ²	50,398	11,863	38,535	45,498	4,899	53,893	15,781	38,112	47,337	6,555
In school.....	6,051	3,055	2,997	5,181	869	6,156	3,062	3,094	4,906	1,249
Ill or disabled.....	3,869	2,045	1,824	3,179	691	4,375	2,354	2,021	3,504	871
Keeping house.....	32,162	201	31,961	29,597	2,566	28,643	297	28,346	25,975	2,668
Retired.....	5,918	5,216	703	5,491	427	10,738	7,919	2,819	9,709	1,029
Want a job now, but not looking, total.....	3,877	1,200	2,675	3,096	783	5,531	1,773	3,759	4,149	1,384
In school.....	1,075	563	511	875	201	1,465	729	736	1,070	396
Ill or disabled.....	489	208	281	360	128	740	325	415	527	213
Keeping house.....	926	20	906	722	204	1,237	-	1,237	976	261
Think cannot get a job.....	638	221	417	494	145	970	351	620	663	307
Other reasons.....	749	188	560	645	105	1,119	368	751	913	207

- Represents zero or rounds to zero. ¹Detail may not add to total because of difference in weighting patterns.

²Includes reasons not shown separately.

Source of tables 642 and 643: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

**NO. 644. CIVILIAN LABOR FORCE—YEARS OF SCHOOL COMPLETED, BY SEX, RACE, AND
HISPANIC ORIGIN: 1980**

[Persons 16 years old and over; noninstitutional population. As of March. See headnote, tables 641 and 645]

EMPLOYMENT STATUS, SEX, AND RACE	Population, 16 yr. old and over (1,000)	PERCENT DISTRIBUTION OF SCHOOL YEARS COMPLETED							
		Elementary school			High school		College		
		0-4 years	5-7 years	8 years	1-3 years	4 years	1-3 years	4 years	5 years or more
Total.....	163,410	2.8	4.9	7.1	18.6	36.6	15.7	8.5	5.8
Civilian labor force.....	103,339	1.2	2.8	4.3	15.4	40.2	17.8	10.5	7.7
Employed.....	96,524	1.2	2.8	4.1	14.5	40.2	18.1	11.0	8.1
Unemployed.....	6,816	1.6	4.3	6.2	29.5	39.6	13.1	3.7	2.0
Not in labor force.....	60,071	5.5	8.5	11.9	23.9	30.4	12.2	5.1	2.5
Male, total.....	77,362	3.0	5.0	7.1	18.6	32.9	16.3	9.3	7.7
Civilian labor force.....	59,376	1.5	3.4	4.9	15.9	36.6	17.6	10.9	9.1
Employed.....	55,466	1.5	3.3	4.8	14.9	36.5	17.9	11.4	9.6
Unemployed.....	3,911	2.0	5.0	7.1	30.0	37.3	13.2	3.4	1.9
Not in labor force.....	17,986	7.7	10.2	14.4	27.3	20.9	12.1	4.2	3.1
Female, total.....	86,048	2.6	4.9	7.0	18.5	39.9	15.2	7.7	4.1
Civilian labor force.....	43,963	.7	2.2	3.3	14.8	45.1	18.0	9.9	5.9
Employed.....	41,058	.7	2.1	3.2	13.8	45.3	18.4	10.3	6.2
Unemployed.....	2,905	1.1	3.3	5.0	28.8	42.7	13.0	4.0	2.0
Not in labor force.....	42,085	4.5	7.8	10.9	22.5	34.5	12.2	5.5	2.2
White, total.....	143,114	2.2	4.5	7.2	17.6	37.4	16.0	9.0	6.1
Civilian labor force.....	91,192	1.0	2.5	4.3	14.7	40.5	17.9	11.0	8.1
Employed.....	85,802	1.0	2.4	4.1	13.8	40.6	18.2	11.4	8.5
Unemployed.....	5,390	1.5	4.5	6.6	28.1	40.0	13.2	4.1	2.0
Not in labor force.....	51,922	4.3	7.9	12.3	22.6	32.0	12.7	5.6	2.6
Black, total.....	17,201	6.9	8.6	6.5	27.2	31.3	13.1	4.0	2.4
Civilian labor force.....	10,203	2.8	5.6	4.2	22.9	39.2	16.1	5.7	3.4
Employed.....	8,698	3.0	5.9	4.2	21.1	39.3	16.5	6.3	3.8
Unemployed.....	1,505	1.7	3.6	4.8	35.4	38.6	13.0	1.5	1.4
Not in labor force.....	6,998	13.0	12.9	9.7	33.5	19.8	8.7	1.6	.8
Hispanic, total.....	8,268	12.2	13.4	8.0	21.6	27.8	10.9	3.5	2.6
Civilian labor force.....	5,310	8.9	12.4	7.0	19.0	31.6	13.4	4.3	3.4
Employed.....	4,838	8.9	11.9	7.1	18.0	32.3	13.7	4.6	3.5
Unemployed.....	471	9.1	17.8	6.8	29.3	24.6	9.6	1.5	1.5
Not in labor force.....	2,958	18.0	15.1	9.7	26.3	21.1	6.6	2.0	1.2

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report*, forthcoming report.

**NO. 645. SCHOOL ENROLLMENT AND LABOR FORCE STATUS OF CIVILIANS 16 TO 24 YEARS OLD, BY
SELECTED CHARACTERISTICS: 1975 AND 1980**

[In thousands, except percent. As of October; noninstitutional population. Based on survey conducted by Bureau of the Census.
Persons of Hispanic origin may be of any race]

CHARACTERISTIC	POPULATION		CIVILIAN LABOR FORCE			EMPLOYED		UNEMPLOYED		
	1975	1980	1975, total	1980		1975	1980	1975, total	1980	
				Total	Per- cent ¹				Total	Rate ²
Total, 16 to 24 years.....	34,700	36,143	21,833	24,266	67.1	18,564	20,897	3,268	3,368	13.9
Enrolled in school.....	15,284	15,363	6,730	7,298	47.5	5,716	6,302	1,012	996	13.6
16 to 19 years.....	11,163	10,917	4,551	4,760	43.6	3,772	3,970	778	790	16.6
20 to 24 years.....	4,121	4,446	2,179	2,538	57.1	1,944	2,332	234	206	8.1
Male.....	8,085	7,798	3,598	3,731	47.8	3,061	3,173	536	557	14.9
Female.....	7,198	7,566	3,130	3,568	47.2	2,655	3,130	476	441	12.4
College level.....	7,221	7,470	3,448	3,897	52.2	3,074	3,541	376	353	9.1
Full-time.....	3,245	6,237	1,283	2,786	44.7	1,126	2,496	158	291	10.4
White.....	13,077	13,011	6,096	6,576	50.5	5,241	5,786	855	791	12.0
Below college.....	6,710	6,469	2,997	3,058	47.3	2,450	2,546	546	511	16.7
College level.....	6,366	6,543	3,101	3,518	53.8	2,792	3,238	310	278	7.9
Black.....	1,907	1,979	515	572	28.9	371	389	142	184	32.2
Below college.....	1,208	1,261	236	283	22.5	154	168	84	115	40.5
College.....	698	719	276	287	39.9	217	220	58	67	23.3
Hispanic.....	849	885	312	366	41.4	254	300	59	67	18.3
Below college.....	542	559	161	179	32.0	113	137	48	43	24.0
College.....	308	326	149	187	57.4	140	163	13	24	12.8
Not enrolled.....	19,419	20,779	15,103	16,967	81.7	12,848	14,595	2,256	2,372	14.0
White.....	16,669	17,664	13,217	14,753	83.5	11,459	12,990	1,758	1,762	11.9
Black.....	2,440	2,731	1,660	1,951	71.4	1,183	1,380	476	570	29.2
Hispanic.....	1,112	1,633	762	1,198	73.4	604	1,037	155	161	13.4

¹ Percent of noninstitutional population.

² Percent of labor force in each category.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report*, No. 191, and forthcoming report.

Labor Force, Employment, and Earnings

**NO. 646. CIVILIAN LABOR FORCE PARTICIPATION RATES, BY MARITAL STATUS, SEX, AND AGE:
1960 TO 1980**

[See table 638 for definition of participation rate]

YEAR AND MARITAL STATUS	MALE PARTICIPATION RATE					FEMALE PARTICIPATION RATE				
	16-19 years	20-24 years	25-44 years	45-64 years	65 and over	16-19 years	20-24 years	25-44 years	45-64 years	65 and over
1960: Married, spouse present	91.5	97.1	98.7	93.7	36.6	127.2	31.7	33.1	36.0	6.7
Single	142.6	80.3	90.5	80.1	31.2	130.2	77.2	83.2	79.8	24.3
Other ²	68.8	96.9	94.7	83.2	22.7	143.8	58.0	67.2	60.0	11.4
1965: Married, spouse present	88.0	96.4	98.5	92.6	31.0	130.6	37.1	36.2	39.5	6.7
Single	140.9	75.7	89.0	78.1	23.2	128.8	72.9	82.4	76.1	22.4
Other ²	77.8	96.6	93.8	80.8	18.7	142.1	59.2	67.2	61.6	10.5
1970: Married, spouse present	92.3	94.7	98.0	91.2	29.9	37.8	47.9	42.7	44.0	7.3
Single	54.6	73.8	87.4	75.7	25.2	44.7	73.0	80.5	73.0	19.7
Other ²	68.8	90.4	92.3	78.5	18.3	48.5	60.3	67.2	61.9	10.0
1975: Married, spouse present	92.9	95.3	97.3	86.8	23.3	46.2	57.0	50.0	43.8	7.0
Single	57.9	77.9	86.0	69.9	21.0	49.6	72.5	80.3	68.3	15.8
Other ²	70.6	88.8	91.1	73.4	15.4	47.6	65.3	68.9	59.0	8.3
1980: Married, spouse present	91.3	96.9	97.3	84.3	20.5	49.3	61.4	60.1	46.9	7.3
Single	59.9	81.3	87.9	66.9	16.8	53.6	75.2	82.0	65.6	13.3
Other ²	75.0	92.6	93.1	73.3	13.7	50.0	68.4	76.8	60.2	8.2

¹ 14 to 19 years old. ² Widowed, divorced, and married (spouse absent).

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual.

NO. 647. PERSONS WITH TWO OR MORE JOBS: 1965 TO 1980

[Persons 16 years old and over. As of May]

CHARACTERISTICS	Unit	1965	1970	1975	1976	1977	1978	1979	1980
Persons with 2 or more jobs	1,000	3,756	4,048	3,918	3,948	4,558	4,493	4,724	4,759
With 2 jobs in nonfarm industries	1,000	2,691	3,105	3,028	3,129	3,637	3,587	3,852	3,923
With first job in agriculture, second job nonagriculture	1,000	279	205	185	144	166	154	146	113
With first job nonagriculture, second job in agriculture	1,000	649	667	637	620	697	701	668	655
Wage and salary workers	1,000	3,264	3,659	3,505	3,605	4,150	4,136	4,386	4,395
Self-employed	1,000	418	348	360	317	362	308	314	330
Unpaid family workers	1,000	74	41	53	27	46	49	25	34
Multiple job holding rate, ¹ total	Percent	5.2	5.2	4.7	4.5	5.0	4.8	4.9	4.9
Male	Percent	6.7	7.0	5.8	5.8	6.2	5.8	5.9	5.8
Female	Percent	2.3	2.2	2.9	2.6	3.4	3.3	3.5	3.8
White	Percent	5.3	5.3	4.8	4.7	5.3	5.0	5.1	5.1
Black and other ²	Percent	4.0	4.4	3.7	2.8	2.6	3.1	3.0	3.2
Single	Percent	3.1	3.3	3.8	3.5	3.9	4.0	4.4	4.4
Married, spouse present	Percent	5.9	5.9	5.0	5.0	5.5	5.2	5.2	5.1
Other marital status	Percent	3.8	3.5	4.0	3.7	4.5	4.2	4.4	4.8

¹ Percent of total employed in the specified group. ² Beginning 1977, Black only.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Reports*, Nos. 139, 182, 194, 211, 221, 239, and forthcoming report.

NO. 648. MAIN REASONS FOR WORKING MORE THAN ONE JOB, BY RACE AND SEX: 1975 TO 1980

[See headnote, table 647]

REASONS	1975				1979				1980			
	White		Black ¹		White		Black ¹		White		Black ¹	
	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
Total² (1,000)	2,736	853	226	103	3,087	1,304	230	103	2,990	1,410	220	139
Percent distribution:												
Meet regular expenses	33.8	31.3	50.2	48.2	28.4	33.4	33.2	46.6	31.1	32.6	37.0	53.3
Pay off debts	4.8	5.1	7.2	2.9	6.0	7.3	11.2	12.6	6.7	7.2	10.9	6.7
Save for future	9.3	8.6	8.1	3.9	10.9	6.0	12.6	4.9	11.8	7.3	18.0	8.1
Get experience	7.6	6.3	1.8	3.9	8.9	7.4	6.3	2.9	8.5	6.7	6.2	1.5
Help friend or relative	3.4	7.6	1.3	2.9	5.8	6.6	3.1	4.9	3.2	6.6	1.4	1.5
Buy something special	7.2	10.7	5.4	2.9	7.7	9.8	9.0	6.8	7.6	10.9	1.4	9.6
Enjoy the work	10.4	14.7	10.3	10.7	19.5	17.0	13.0	3.9	18.8	16.1	10.9	12.6
Changed job	.4	1.0	-	-	1.1	1.8	.1	3.9	.4	1.5	-	3.0

- Represents zero or rounds to zero.

¹ Includes other races.

² Includes other reasons, not shown separately.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Reports*, Nos. 182, 239, and forthcoming report.

NO. 649. SATISFIED WORKERS AS PERCENT OF TOTAL WORKERS: 1962 TO 1980

[Survey questions asked were variants of "How satisfied are you with your job (or your work)?" Figures for "satisfied" combined responses such as "very satisfied," "somewhat satisfied," and "fairly satisfied"]

WORKER CHARACTERISTIC	1962	1972	1975	1978	1980	WORKER CHARACTERISTIC	1962	1972	1975	1978	1980
Male.....	84	86	90	89	85	White.....	84	87	89	90	84
Female.....	81	86	87	88	83	Black and other.....	76	78	85	76	81
18-29 years.....	(NA)	73	83	83	76	Education:					
21-29 years.....	74	76	82	84	78	Grade school.....	83	86	87	88	87
30-39 years.....	82	88	88	88	82	High school.....	81	86	91	87	81
40-49 years.....	84	89	92	92	88	Some college.....	86	83	90	90	82
50-59 years.....	(NA)	91	92	92	86	College degree.....	90	85	85	91	88
60 and over.....	(NA)	95	94	96	90	Graduate work.....	84	95	87	91	90

NA Not available. ¹ Black only.

Source: National Opinion Research Center, Chicago, Ill., *General Social Surveys, 1972-1980: Cumulative Codebook*, and unpublished data.

NO. 650. EMPLOYMENT STATUS OF MEMBERS IN HUSBAND-WIFE FAMILIES: 1960 TO 1980

[As of March. Includes members of the Armed Forces living off post or with their families on post]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980
Husband employed, total (1,000).....	33,579	35,512	37,667	36,891	37,141	37,424	37,484	37,771	37,680
Percent:									
Wife or other member in labor force ¹	42.7	47.2	53.1	58.0	58.9	61.2	62.3	64.2	65.2
Wife only.....	25.5	29.4	34.3	38.8	39.1	40.8	41.6	43.7	44.6
Wife and other member.....	6.1	7.3	9.3	10.0	10.8	11.2	11.9	11.9	12.4
Wife or other member employed ²	40.0	44.5	50.7	53.5	55.0	57.2	59.1	61.0	62.1
Only wife employed.....	29.6	32.8	38.3	35.5	38.5	36.6	41.0	38.4	39.6
Husband unemployed, total (1,000).....	1,462	1,033	972	2,282	1,885	1,669	1,340	1,198	1,581
Percent:									
Wife or other member in labor force ¹	49.7	54.6	56.1	61.2	60.6	58.7	62.2	60.3	62.7
Wife only.....	32.1	36.7	41.8	44.6	44.6	41.9	45.9	44.2	45.2
Wife and other member.....	8.0	7.8	7.6	8.6	9.1	9.4	8.6	10.3	11.3
Wife or other member employed ²	41.7	47.5	50.8	47.5	50.8	49.3	53.4	51.6	53.5
Only wife employed.....	24.9	28.7	33.4	36.4	37.5	39.3	40.5	42.4	43.5

¹ Includes other categories not shown separately. ² Includes wife or other member who is unemployed.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual.

NO. 651. EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE, BY FAMILY RELATIONSHIP: 1976 TO 1980

[In thousands of civilians 16 years old and over, except rate. Annual averages of monthly figures]

FAMILY RELATIONSHIP	EMPLOYED				UNEMPLOYED							
	1976	1978	1979	1980	Number				Rate ¹			
					1976	1978	1979	1980	1976	1978	1979	1980
Total.....	87,485	94,373	96,945	97,270	7,288	6,047	5,963	7,448	7.7	6.0	5.8	7.1
Husbands ²	38,638	39,344	39,832	37,505	1,689	1,118	1,123	1,578	4.2	2.8	2.7	4.0
With wife:												
Employed.....	17,713	19,374	20,141	20,171	705	467	497	769	3.8	2.4	2.4	3.7
Unemployed.....	1,210	1,028	991	1,084	164	90	103	155	11.9	8.1	9.4	12.5
Not in labor force.....	18,452	17,522	17,099	16,249	732	481	447	654	3.8	2.7	2.5	3.9
Wives.....	20,090	21,598	22,453	22,781	1,485	1,203	1,172	1,343	6.9	5.3	5.0	5.6
With husband:												
Employed.....	17,714	19,374	20,141	20,171	1,210	1,028	991	1,084	5.4	5.0	4.7	5.1
Unemployed.....	704	467	497	769	164	90	103	155	18.9	16.2	17.1	16.8
Not in labor force.....	1,672	1,757	1,814	1,841	111	85	77	104	6.2	4.6	4.1	5.3
Women who maintain families.....	3,770	4,405	4,581	4,686	420	407	413	470	10.0	8.5	8.3	9.1
Relatives in married-couple families.....	11,499	12,605	12,671	11,358	1,991	1,741	1,696	1,796	14.8	12.1	11.8	13.7
Relatives in families maintained by women.....	2,860	3,355	3,450	3,510	743	730	718	873	20.6	17.9	17.2	19.9
Persons not living in families ³	10,628	13,066	13,958	17,430	960	848	841	1,388	8.3	6.1	5.7	7.4

¹ Unemployment as percent of civilian labor force in specified group. ² Includes a small number of single, separated, widowed, or divorced men who maintain families. ³ Individuals living alone or with unrelated persons plus a small number of persons in secondary families.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 652. MARITAL STATUS OF WOMEN IN THE CIVILIAN LABOR FORCE: 1940 TO 1980

[Persons 14 years old and over through 1965; 16 years old and over thereafter. As of March, except as indicated. Prior to 1960, excludes Alaska and Hawaii. Figures for 1940 based on complete census revised for comparability with intercensal series. Later data based on Current Population Survey; see text, p. 1. Beginning 1955, figures not strictly comparable with previous years as a result of introduction into estimating procedure of 1950 census data through 1960, and of 1960 census data beginning 1965. See also *Historical Statistics, Colonial Times to 1970*, series D 49-62]

YEAR	FEMALE LABOR FORCE (1,000)					PERCENT DISTRIBUTION, FEMALE LABOR FORCE			FEMALE LABOR FORCE AS PERCENT OF FEMALE POPULATION				
	Total	Single	Mar- ried, total	Mar- ried, hus- band pres- ent	Wid- owed or di- vorced	Single	Mar- ried	Wid- owed or di- vorced	Total	Single	Mar- ried, total	Mar- ried, hus- band pres- ent	Wid- owed or di- vorced
1940	13,840	6,710	5,040	4,200	2,090	48.5	36.4	15.1	27.4	48.1	16.7	14.7	32.0
1944 ¹	18,449	7,542	8,433	6,226	2,474	40.9	45.7	13.4	35.0	58.6	25.6	21.7	35.7
1947 ¹	16,323	6,181	7,545	6,676	2,597	37.9	46.2	15.9	29.8	51.2	21.4	20.0	34.6
1950	17,795	5,621	9,273	8,550	2,901	31.6	52.1	16.3	31.4	50.5	24.8	23.8	36.0
1955 ¹	20,154	5,087	11,839	10,423	3,227	25.2	58.7	16.0	33.5	46.4	29.4	27.7	36.0
1960	22,516	5,401	13,485	12,253	3,829	24.0	59.9	16.1	34.8	44.1	31.7	30.5	37.1
1965	25,952	5,912	16,154	14,708	3,886	22.8	62.2	15.0	36.7	40.5	35.7	34.7	35.7
1968	28,776	6,357	18,234	16,821	4,187	22.1	63.4	14.6	40.7	51.3	39.1	38.3	35.8
1969	29,898	6,501	19,100	17,595	4,297	21.7	63.9	14.4	41.6	51.2	40.4	39.6	35.8
1970	31,233	6,965	19,799	18,377	4,469	22.3	63.4	14.3	42.6	53.0	41.4	40.8	36.2
1971	31,681	7,187	19,986	18,530	4,508	22.7	63.1	14.2	42.5	52.7	41.4	40.8	35.7
1972	32,939	7,477	20,749	19,249	4,713	22.7	63.0	14.3	43.6	54.9	42.1	41.5	37.2
1973	33,904	7,739	21,343	19,821	4,822	22.8	63.0	14.2	44.1	55.8	42.8	42.2	36.7
1974	35,320	8,230	22,009	20,367	5,081	23.3	62.3	14.4	45.2	57.2	43.8	43.0	37.7
1975	36,496	8,433	22,796	21,143	5,266	23.1	62.5	14.4	45.9	56.8	45.0	44.4	37.7
1976	37,817	9,083	23,355	21,554	5,379	24.0	61.8	14.2	46.8	58.9	45.8	45.0	37.3
1977	39,374	9,470	24,092	22,377	5,812	24.1	61.3	14.8	48.0	58.9	47.1	46.6	39.0
1978	40,971	10,222	24,591	22,789	6,157	24.9	60.0	15.0	49.1	60.5	48.1	47.6	40.0
1979	42,971	11,006	25,640	23,832	6,325	25.6	59.7	14.7	50.7	62.7	50.0	49.4	40.0
1980	43,963	10,911	26,347	24,466	6,706	24.8	59.9	15.3	51.1	61.2	50.7	50.2	41.1

¹ As of April.

Source: 1940-1955, U.S. Bureau of the Census, *Current Population Reports*, series P-50. Beginning 1960, U. S. Bureau of Labor Statistics, *Special Labor Force Reports*.

NO. 653. MARRIED, SEPARATED, AND DIVORCED WOMEN—LABOR FORCE STATUS, BY PRESENCE AND AGE OF CHILDREN: 1960 TO 1980

[In millions, except rate. As of March. Based on Current Population Survey; see Appendix III]

ITEM	IN LABOR FORCE				PARTICIPATION RATE ¹				UNEMPLOYMENT RATE ²			
	1960	1970	1975	1980	1960	1970	1975	1980	1960	1970	1975	1980
Married, husband present, total	12.3	18.4	21.1	24.5	30.5	40.8	44.4	50.2	5.4	4.8	8.5	5.2
No children under 18	5.7	8.2	9.7	11.0	34.7	42.2	43.9	46.1	4.8	3.2	7.0	4.5
Children 6-17 yr. only	4.1	6.3	7.0	8.4	39.0	49.2	52.3	61.8	4.9	4.7	7.2	4.3
Children under 6 yr.	2.5	3.9	4.4	5.1	18.6	30.3	36.6	45.0	7.8	7.8	13.9	8.0
Separated, total	(NA)	1.4	1.6	1.9	(NA)	52.3	54.8	59.4	(NA)	6.9	14.8	9.7
No children under 18	(NA)	.7	.7	.9	(NA)	52.3	56.4	58.7	(NA)	4.2	10.4	8.2
Children 6-17 yr. only	(NA)	.4	.5	.6	(NA)	60.6	59.0	66.4	(NA)	5.9	12.9	10.3
Children under 6 yr.	(NA)	.3	.4	.4	(NA)	45.4	49.1	51.8	(NA)	13.3	23.7	12.0
Divorced, total	(NA)	1.9	2.9	4.3	(NA)	70.9	72.1	74.5	(NA)	5.2	8.4	6.3
No children under 18	(NA)	1.1	1.5	2.3	(NA)	67.7	69.9	71.4	(NA)	4.7	7.2	4.5
Children 6-17 yr. only	(NA)	.6	.9	1.6	(NA)	82.4	80.1	82.3	(NA)	6.5	9.1	6.5
Children under 6 yr.	(NA)	.3	.4	.5	(NA)	63.3	65.6	68.0	(NA)	5.2	10.4	13.2

NA Not available. ¹ Percent of women in each specific category in the labor force. ² Unemployed as a percent of civilian labor force in specified group.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Reports* 13, 130, 183; and forthcoming report.

NO. 654. U.S. EMPLOYMENT SERVICE JOB OPENINGS AND PLACEMENTS, AND INDEX OF HELP-WANTED ADVERTISING: 1960 TO 1980

[In thousands, except as indicated. Openings and placements: 1960 and 1965, calendar years; thereafter, fiscal years; for 1960 and 1965, include Puerto Rico, Virgin Islands, and Guam]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Job openings: ¹ Received.....	7,124	8,690	6,130	9,439	7,889	7,668	8,396	9,534	9,477	8,122
Average per month.....	594	724	511	787	657	639	699	795	789	677
Nonagricultural placements ¹	5,818	6,473	4,604	4,913	4,374	5,234	5,544	6,248	6,349	5,610
Index of help wanted advertising in newspapers ² (1967=100).....	56	84	93	110	80	95	118	150	158	129

¹ As reported by State employment agencies. ² Source: The Conference Board, New York, N.Y. Further reproduction prohibited without permission. Index based on number of advertisements in classified sections of newspapers.

Source: Except as noted, U.S. Employment and Training Administration, unpublished data.

NO. 655. LABOR TURNOVER RATES IN MANUFACTURING: 1960 TO 1980

[Rate per 100 wage and salary workers per month. See also *Historical Statistics, Colonial Times to 1970*, series D 1022-1028]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Accessions ¹	3.8	4.3	4.0	4.5	4.8	4.2	3.7	3.9	4.0	4.1	4.0	3.5
New hires.....	2.2	3.1	2.8	3.3	3.9	3.2	2.0	2.6	2.8	3.1	2.9	2.1
Separations ²	4.3	4.1	4.8	4.3	4.7	4.9	4.2	3.8	3.8	3.9	4.0	4.0
Quits.....	1.3	1.9	2.1	2.3	2.8	2.4	1.4	1.7	1.8	2.1	2.0	1.5
Layoffs.....	2.4	1.4	1.8	1.1	.9	1.5	2.1	1.3	1.1	.9	1.1	1.6

¹ Includes rehires.

² Includes discharges and military and miscellaneous separations.

NO. 656. CIVILIANS EMPLOYED, BY HOURS WORKED: 1965 TO 1980

[In thousands of persons 16 years old and over, except 1965, 14 and over. Annual averages of monthly figures]

HOURS WORKED	1965	1970	1974	1975	1976	1977	1978	1979	1980
Employed, nonagricultural industries ¹	67,594	75,165	82,443	81,403	84,188	87,302	91,031	93,648	93,960
Worked 1-14 hours.....	4,027	3,962	4,200	4,349	4,376	4,500	4,568	4,547	4,594
Worked 15-34 hours.....	8,590	14,260	14,075	14,189	15,239	15,756	15,915	17,490	17,390
Worked 35 or more hours.....	51,611	52,462	59,008	57,857	59,410	61,742	65,210	66,095	66,341
Employed, agricultural industries ¹	4,585	3,462	3,492	3,380	3,297	3,244	3,342	3,297	3,310
Worked 35 or more hours.....	3,027	2,255	2,301	2,227	2,186	2,149	2,229	2,274	2,215

¹ Includes persons who had a job or business, but did not work at all during survey week because of illness, bad weather, vacation, industrial dispute, or various personal reasons, not shown separately.

Source of tables 655 and 656: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 657. WORK SCHEDULES—WORKERS ON SCHEDULES OF 4½ DAYS OR LESS AND ON FLEXIBLE WORK SCHEDULES, BY OCCUPATION AND INDUSTRY: 1980

[In thousands, except percent. As of May. Covers full-time, nonfarm wage and salary workers]

OCCUPATION	Total reporting days ¹	Total reporting on flexible schedules ²	PERCENT WORKERS ON—		INDUSTRY	Total reporting days ¹	Total reporting on flexible schedules ²	PERCENT WORKERS ON—	
			Sched- ules of 4½ days or less ¹	Flexi- ble sched- ules ²				Sched- ules of 4½ days or less ¹	Flexi- ble sched- ules ²
Total	67,858	64,364	2.9	11.9					
Prof. and technical.....	12,114	11,644	2.5	15.8	Goods producing ⁴	24,685	23,292	2.4	8.5
Managers and administra- tors, except farm.....	8,032	7,665	1.1	20.2	Mining.....	833	785	2.0	10.6
Sales workers.....	3,313	3,165	1.9	26.5	Construction.....	4,352	4,129	3.4	10.1
Clerical workers.....	13,227	12,572	1.7	9.8	Manufacturing.....	19,194	18,092	2.2	7.9
Craft workers.....	10,182	9,589	2.4	7.4	Service producing.....	49,173	41,072	2.9	13.8
Operatives ³	8,794	8,271	3.3	4.4	Trans. and pub. utilities.....	5,298	4,902	2.7	11.7
Transport equipment operatives.....	2,713	2,514	4.4	14.3	Wholesale, retail trade.....	11,109	10,609	2.4	14.7
Nonfarm laborers.....	2,937	2,737	2.5	7.3	Finance, insurance ⁵	4,240	4,048	1.8	17.1
Service workers.....	6,545	6,206	6.7	8.7	Misc. services.....	17,756	16,992	3.0	12.7
					Public administration.....	4,771	4,522	5.2	15.2
					Federal.....	2,243	2,113	1.6	20.2
					State.....	865	822	3.6	14.4
					Local.....	1,663	1,587	10.8	8.9

¹ Includes employees with a job but not at work during survey week. ² Excludes employees not at work during survey week. ³ Except transport. ⁴ Includes nonfarm workers in agricultural industries not shown separately. ⁵ Includes real estate.

Source: U.S. Bureau of Labor Statistics, *News*, February 24, 1981.

NO. 658. EMPLOYMENT, BY INDUSTRY: 1970 TO 1980

[In thousands of persons 16 years old and over, except percent. Annual averages of monthly figures. Based on household survey; see text, pp. 375 and 376, and Appendix III. Persons of Hispanic origin may be of any race]

INDUSTRY	1970	1975	1978	1979	1980			PERCENT FEMALE	
					Total	Percent		1970	1980
						Black	Hispanic		
Total employed	78,627	84,783	94,373	96,945	97,270	9.4	5.1	37.7	42.4
Agriculture, forestry, fisheries	3,566	3,476	3,501	3,455	3,470	6.0	7.0	17.0	19.5
Mining	515	732	828	865	940	3.4	5.6	7.0	13.5
Construction	4,814	5,015	6,043	6,299	6,065	6.9	5.6	4.9	8.0
Manufacturing	20,737	19,275	21,497	22,137	21,593	9.6	6.4	27.7	31.4
Transportation, communication, and other public utilities	5,317	5,623	6,162	6,406	6,393	11.2	4.3	21.2	25.2
Wholesale and retail trade	14,996	17,470	19,253	19,672	19,727	6.4	5.0	23.8	46.4
Wholesale trade	2,670	3,333	3,616	3,775	3,827	6.0	4.6	22.4	25.8
Retail trade	12,327	14,137	15,636	15,898	15,900	6.5	5.0	45.8	51.4
Finance, insurance, real estate	3,942	4,665	5,406	5,779	5,860	7.5	3.9	50.4	58.2
Banking and other finances	1,695	1,918	2,153	2,367	2,504	7.9	4.0	57.7	65.7
Insurance and real estate	2,246	2,747	3,254	3,412	3,355	7.3	3.8	44.9	52.6
Services ¹	20,266	23,759	26,662	27,275	27,983	11.7	4.4	60.6	61.3
Business services	1,402	1,668	2,128	2,200	2,308	9.7	4.9	40.4	45.1
Automobile services	599	697	872	933	924	8.3	(NA)	8.7	12.6
Personal services ¹	4,273	3,719	3,826	3,800	3,738	17.8	7.1	75.5	73.2
Private households	1,781	1,378	1,396	1,301	1,229	30.1	7.5	88.9	89.3
Hotels and lodging places	978	973	1,075	1,096	1,106	12.6	(NA)	68.0	65.2
Entertainment and recreation	716	849	1,018	1,026	1,017	7.0	5.2	39.9	39.1
Professional and related services ¹	² 12,894	16,373	18,327	18,817	19,472	11.4	3.6	63.7	65.7
Hospitals	2,841	3,394	3,781	3,843	3,947	16.6	3.6	77.4	77.2
Health services ³	1,626	2,471	2,933	3,047	3,281	10.7	3.3	71.1	74.3
Elementary, secondary schools	6,123	5,034	5,180	5,368	5,467	11.9	(NA)	62.0	71.0
Colleges and universities		1,830	1,996	2,048	2,066	8.6	(NA)		48.8
Welfare and religious agencies	827	1,231	1,525	1,536	1,560	15.2	4.5	48.1	58.6
Public administration ⁴	² 4,473	4,770	5,020	5,056	5,240	13.0	4.2	31.5	35.8

NA Not available. ¹Includes industries not shown separately. ²Not strictly comparable with later years due to reclassification between "Professional and related services" and "Public administration." ³Except hospitals. ⁴Includes workers involved in uniquely governmental activities, e.g. judicial and legislative.

NO. 659. CLASS OF WORKER OF EMPLOYED PERSONS, BY SEX: 1965 TO 1980

[See headnote, table 656]

CLASS OF WORKER	1965		1970		1975		1979		1980	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Nonagriculture, employed	43,304	24,289	46,099	29,066	48,429	32,974	53,854	39,794	53,324	40,637
Wage and salary workers	38,434	22,331	42,116	27,330	44,205	31,093	49,098	37,442	48,468	36,237
Self-employed workers	4,794	1,419	3,929	1,288	4,171	1,456	4,714	1,939	4,800	2,050
Unpaid family workers	77	540	53	449	54	424	42	412	55	349
Agriculture, employed	3,729	856	2,861	601	2,801	579	2,645	652	2,664	646
Wage and salary workers	1,243	249	979	174	1,062	218	1,130	283	1,116	267
Self-employed workers	2,170	137	1,722	88	1,592	123	1,418	163	1,446	182
Unpaid family workers	316	470	160	339	147	239	98	206	101	197

NO. 660. UNEMPLOYED PERSONS, BY REASON AND SEX: 1970 TO 1980

[In thousands of persons 16 years old and over. Annual averages of monthly figures]

UNEMPLOYED PERSONS	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total	4,088	4,840	4,304	5,076	7,330	7,288	6,855	6,047	5,963	7,448
Job losers	1,809	2,089	1,666	2,205	4,341	3,625	3,103	2,514	2,555	3,860
Job leavers	549	635	674	756	812	886	889	851	854	863
Reentrants	1,227	1,444	1,323	1,441	1,865	1,895	1,926	1,814	1,758	1,875
New entrants	503	672	642	672	812	882	938	867	797	851
Male	2,235	2,635	2,240	2,668	4,385	3,968	3,588	3,051	3,018	4,157
Job losers	1,197	1,376	1,080	1,436	2,877	2,389	1,977	1,572	1,611	2,589
Job leavers	282	318	333	364	367	393	402	406	413	422
Reentrants	532	637	528	579	770	768	777	687	651	753
New entrants	224	304	298	290	371	418	433	385	342	394
Female	1,853	2,205	2,064	2,408	3,445	3,320	3,267	2,996	2,945	3,291
Job losers	613	713	585	770	1,464	1,235	1,126	942	944	1,271
Job leavers	267	317	341	393	445	493	487	445	441	441
Reentrants	695	807	794	863	1,095	1,128	1,149	1,127	1,106	1,122
New entrants	279	368	343	383	441	464	505	482	455	457

NO. 661. UNEMPLOYED AND UNEMPLOYMENT INSURANCE—SUMMARY: 1970 TO 1981

[In thousands, except as indicated. Persons 16 years old and over. Annual averages of monthly figures, except as indicated.
See also *Historical Statistics, Colonial Times to 1970*, series D 87-101]

ITEM AND CHARACTERISTIC	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981, Jan.-May ¹
Total unemployed	4,088	4,304	5,076	7,830	7,288	6,855	6,047	5,963	7,448	7,856
Labor force time lost ² (percent)	5.4	5.2	6.1	9.1	8.4	7.6	6.5	6.3	7.9	8.2
Male	2,235	2,240	2,668	4,385	3,968	3,588	3,051	3,018	4,157	4,325
Female	1,853	2,064	2,408	3,445	3,320	3,267	2,996	2,945	3,291	3,532
White	3,337	3,411	4,057	6,371	5,855	5,373	4,620	4,577	5,790	6,184
Black and other	752	894	1,018	1,459	1,433	1,482	1,427	1,386	1,658	1,699
Full-time workers	3,201	3,291	3,941	6,437	5,874	5,432	4,706	4,639	6,108	6,449
Part-time workers	887	1,013	1,134	1,393	1,414	1,423	1,341	1,325	1,341	1,428
Percent of total unemployed	21.7	23.5	22.3	17.8	19.4	20.8	22.2	22.2	18.0	18.2
16-19 years old	1,105	1,225	1,410	1,752	1,701	1,642	1,559	1,528	1,640	1,758
Percent of total unemployed	27.0	28.5	27.8	22.4	23.3	24.0	25.8	25.6	22.0	22.4
Male	599	647	749	957	928	861	799	795	896	969
Female	506	579	660	795	773	781	760	733	744	789
White	871	950	1,099	1,406	1,356	1,275	1,178	1,181	1,278	1,404
Black and other	235	275	311	347	345	367	381	347	361	362
20-24 years old	864	985	1,182	1,828	1,670	1,578	1,425	1,377	1,765	1,882
Percent of total unemployed	21.1	22.9	23.3	23.3	22.9	23.0	23.6	23.1	23.7	24.0
Male	478	514	631	1,059	924	846	733	705	1,033	1,099
Female	386	471	552	769	746	732	692	672	733	783
White	678	746	910	1,455	1,303	1,169	1,029	1,005	1,328	(NA)
Black and other	185	239	272	373	367	409	396	372	437	(NA)
25-44 years old	1,230	1,289	1,568	2,684	2,507	2,375	2,047	2,075	2,881	3,030
Percent of total unemployed	30.1	29.9	30.9	34.3	34.4	34.6	33.9	34.8	38.7	38.6
Male	643	633	791	1,465	1,315	1,206	963	982	1,569	1,592
Female	587	656	777	1,218	1,192	1,170	1,085	1,092	1,312	1,439
45-64 years old	784	717	816	1,410	1,264	1,112	892	880	1,049	1,090
Percent of total unemployed	19.2	16.7	16.1	18.0	17.3	16.2	14.8	14.8	14.4	13.9
Male	444	389	434	801	708	579	475	469	601	603
Female	340	328	382	610	556	533	418	411	466	487
65 years and over	104	88	99	155	147	147	123	104	94	95
Unemployment rate (percent):³										
All workers	4.9	4.9	5.6	8.5	7.7	7.0	6.0	5.8	7.1	7.4
White	4.5	4.3	5.0	7.8	7.0	6.2	5.2	5.1	6.3	6.6
Female	4.0	3.7	4.3	7.2	6.4	5.5	4.5	4.4	6.1	6.4
Male	5.4	5.3	6.1	8.6	7.9	7.3	6.2	5.9	6.5	6.8
Black and other	8.2	8.9	9.9	13.9	13.1	13.1	11.9	11.3	13.2	13.3
Ratio to White	1.8	2.1	2.0	1.8	1.9	2.1	2.3	2.2	2.1	2.0
Male	7.3	7.6	9.1	13.7	12.7	12.4	10.9	10.3	13.3	13.0
Female	9.3	10.5	10.7	14.0	13.6	14.0	13.1	12.3	13.1	13.6
Men, 20 years old and over	3.5	3.2	3.8	6.7	5.9	5.2	4.2	4.1	5.9	6.0
Women, 20 years old and over	4.8	4.8	5.5	8.0	7.4	7.0	6.0	5.7	6.3	6.6
Women maintaining families	5.4	7.0	7.0	10.0	10.0	9.3	8.5	8.3	9.1	9.9
Married men, wife present	2.6	2.3	2.7	5.1	4.2	3.6	2.8	2.7	4.2	4.0
White	2.4	2.1	2.5	4.8	4.0	3.4	2.6	2.5	3.9	(NA)
Black and other	3.9	3.8	4.3	8.3	7.0	6.2	4.8	5.0	7.0	(NA)
Teenagers (16-19 yr. old)	15.3	14.5	16.0	19.9	19.0	17.7	16.3	16.1	17.7	19.2
White	13.5	12.6	14.0	17.9	16.9	15.4	13.9	13.9	15.5	17.3
Black and other	29.1	30.2	32.9	36.9	37.1	38.3	36.3	33.5	35.8	35.8
Blue-collar workers	6.2	5.3	6.7	11.7	9.4	8.1	6.9	6.9	10.0	10.0
White-collar workers	2.8	2.9	3.3	4.7	4.6	4.3	3.5	3.3	3.7	3.9
Experienced workers ⁴	4.8	4.5	5.3	8.2	7.3	6.6	5.6	5.8	6.8	7.1
Percent without work for—										
4 weeks or less	52.3	51.0	50.6	37.0	38.3	41.7	46.2	48.1	43.1	41.1
5-10 weeks	23.4	22.4	22.7	22.2	21.0	22.0	22.8	23.4	23.4	(NA)
11-14 weeks	8.1	7.7	8.2	9.1	8.6	9.5	8.3	8.3	9.0	(NA)
15-26 weeks	10.4	11.0	11.1	16.5	13.8	13.1	12.3	11.5	13.8	13.0
Over 26 weeks	5.8	7.8	7.3	15.2	18.3	14.8	10.5	8.7	10.8	15.2
Unemployment duration, avg. (weeks)	8.8	10.0	9.7	14.1	15.8	14.3	11.9	10.8	11.9	13.9
Unemployment insurance:⁵										
Insured unemployed, avg. ⁶	1,605	1,632	2,262	3,986	2,991	2,655	2,359	2,434	3,350	(NA)
Percent of covered employment	3.4	2.7	3.5	6.0	4.6	3.9	3.3	2.9	3.9	(NA)
Initial claims, weekly average ⁷	296	247	363	478	386	375	346	388	489	(NA)
Claimants exhausting benefits	1,295	1,495	1,926	4,195	3,270	2,850	2,039	2,037	3,072	(NA)
Percent of first payment claims	24.4	27.7	31.0	37.8	37.8	33.2	26.7	25.2	30.7	(NA)
Avg. duration of benefits (weeks)	12.3	13.4	12.7	17.7	14.9	14.2	13.3	13.1	14.9	(NA)

NA Not available. ¹ Seasonally adjusted average. See text, p. 377. Some detail will not add to total because of independent adjustments. ² Aggregate hours lost by the unemployed and persons on part-time for economic reasons as a percent of potentially available labor force hours. ³ Unemployed as percent of civilian labor force in specified group. ⁴ Wage and salary workers. ⁵ Source: U.S. Employment and Training Administration. State programs only. See table 557. ⁶ Workers reporting completion of at least 1 week of unemployment. ⁷ Notices by workers to indicate they are starting periods of unemployment.

Source: Except as noted, U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics, annual, and Employment and Earnings*, monthly.

NO. 662. TOTAL UNEMPLOYED AND INSURED UNEMPLOYED—STATES: 1975 TO 1980

[Persons 16 years old and over. Annual averages of monthly figures. Total unemployment estimates based on the Current Population Survey (CPS), except as noted in footnote 5; see text, p. 1]

STATE	TOTAL UNEMPLOYED ¹										INSURED UNEMPLOYED			
	Number (1,000)					Percent ²					Number (1,000) ¹		Percent ³	
	1975	1977	1978	1979	1980	1975	1977	1978	1979	1980	1979	1980 ⁴	1979	1980 ⁴
Alabama.....	111	114	101	116	144	7.7	7.4	6.3	7.1	8.8	42.1	56.7	3.4	4.5
Alaska ⁵	10	16	20	17	18	6.7	9.4	11.2	9.2	9.5	11.5	11.3	8.1	7.7
Arizona ⁵	113	80	61	53	75	12.1	8.2	6.1	5.1	6.6	13.7	23.6	1.6	2.5
Arkansas ⁵	80	60	58	59	74	9.5	6.6	6.3	6.2	7.6	24.7	34.8	3.5	4.8
California.....	926	834	755	683	760	9.9	8.2	7.1	6.2	6.8	292.5	372.8	3.2	3.9
Colorado ⁵	80	78	71	66	82	6.9	6.2	5.5	4.8	5.6	15.6	22.6	1.5	2.0
Connecticut.....	133	106	79	81	95	9.1	7.0	5.2	5.1	5.9	30.9	37.1	2.4	2.7
Delaware ⁵	25	23	21	22	22	9.8	8.4	7.6	8.0	7.7	6.3	8.4	2.6	3.4
District of Columbia.....	26	32	26	24	23	7.6	9.7	8.5	7.5	7.2	9.5	10.4	2.6	2.7
Florida.....	366	289	245	230	234	10.7	8.2	6.6	6.0	6.0	58.0	64.5	1.8	2.0
Georgia.....	185	156	131	119	154	8.6	6.9	5.7	5.1	6.4	38.1	51.4	2.0	2.6
Hawaii ⁵	32	30	31	25	20	8.2	7.3	7.7	6.3	5.0	9.6	10.2	2.8	2.7
Idaho ⁵	21	23	23	24	33	6.2	5.9	5.7	5.7	7.9	11.0	15.8	3.6	5.1
Illinois.....	357	320	323	293	454	7.1	6.2	6.1	5.5	8.3	141.0	212.7	3.1	4.6
Indiana.....	206	141	146	167	253	8.6	5.7	5.7	6.4	9.6	45.2	89.4	2.2	4.2
Iowa ⁵	56	56	57	59	83	4.2	4.0	4.0	4.1	5.7	21.5	35.0	2.0	3.2
Kansas ⁵	48	45	35	40	53	4.6	4.1	3.1	3.4	4.4	13.8	23.6	1.6	2.7
Kentucky.....	103	70	82	87	131	7.3	4.7	5.2	5.6	8.1	37.9	60.8	3.8	5.3
Louisiana.....	106	109	113	112	115	7.4	7.0	7.0	6.7	6.7	31.8	36.9	2.3	2.5
Maine ⁵	47	39	29	35	39	10.3	8.4	6.1	7.2	7.7	14.4	17.5	3.8	4.5
Maryland.....	128	118	114	124	137	6.9	6.1	5.6	5.9	6.4	34.4	48.4	2.4	3.1
Massachusetts.....	304	225	173	160	163	11.2	8.1	6.1	5.5	5.6	75.1	82.1	3.1	3.3
Michigan.....	488	337	289	335	541	12.5	8.2	6.9	7.8	12.6	162.7	285.3	4.8	8.8
Minnesota.....	107	98	76	86	120	5.9	5.1	3.8	4.2	5.7	32.2	50.6	2.0	3.0
Mississippi ⁵	75	71	68	57	76	8.2	7.4	7.1	5.8	7.5	19.3	31.6	2.5	4.0
Missouri.....	142	131	114	104	161	6.9	5.9	5.0	4.5	7.0	52.0	80.2	2.8	4.2
Montana ⁵	21	22	22	19	22	6.3	6.4	6.0	5.1	6.0	8.9	11.3	3.6	4.5
Nebraska ⁵	28	28	23	25	31	3.9	3.7	2.9	3.2	4.0	7.1	11.2	1.3	1.9
Nevada ⁵	28	23	15	18	23	9.7	7.0	4.4	5.1	6.2	7.9	11.6	2.3	3.1
New Hampshire ⁵	34	24	16	14	22	9.1	5.9	3.9	3.1	4.7	4.5	7.8	1.4	2.1
New Jersey.....	333	316	246	245	258	10.2	9.4	7.2	6.9	7.2	126.0	136.6	4.5	4.7
New Mexico ⁵	44	39	30	35	40	10.0	7.8	5.8	6.6	7.4	8.4	11.3	2.1	2.7
New York.....	729	707	603	571	603	9.5	9.1	7.7	7.1	7.5	250.9	268.5	3.7	3.9
North Carolina.....	217	155	116	129	180	8.6	5.9	4.3	4.8	6.5	38.3	66.9	1.8	2.9
North Dakota ⁵	10	14	14	11	15	3.7	4.8	4.6	3.7	4.9	5.5	7.1	2.7	3.3
Ohio.....	429	311	267	297	426	9.1	6.5	5.4	5.9	8.4	116.5	208.6	2.8	4.9
Oklahoma.....	83	61	49	44	64	7.2	5.0	3.9	3.4	4.8	13.7	17.7	1.4	1.7
Oregon.....	110	83	72	83	105	10.6	7.4	6.0	6.8	8.2	34.1	53.6	3.6	5.4
Pennsylvania.....	423	398	364	366	417	8.3	7.7	6.9	6.9	7.8	184.3	237.5	4.2	5.2
Rhode Island ⁵	48	38	29	30	33	10.9	8.6	6.6	6.6	7.2	18.7	20.5	4.9	5.3
South Carolina ⁵	103	92	74	65	90	8.7	7.2	5.7	5.0	6.9	23.3	38.3	2.2	3.5
South Dakota ⁵	11	10	10	12	16	3.7	3.3	3.1	3.5	4.7	3.5	4.4	1.6	2.0
Tennessee.....	151	120	111	115	145	8.3	6.3	5.8	5.8	7.2	50.9	70.5	3.1	4.2
Texas.....	294	309	288	263	337	5.6	5.3	4.8	4.2	5.2	60.9	78.0	1.2	1.5
Utah ⁵	36	28	21	25	38	6.8	5.3	3.8	4.3	6.2	10.3	14.7	2.3	3.0
Vermont ⁵	20	16	14	12	16	9.4	7.0	5.7	5.1	6.4	6.2	8.1	3.5	4.4
Virginia.....	145	126	130	117	129	6.4	5.3	5.4	4.7	5.1	26.6	37.2	1.5	2.0
Washington.....	147	145	120	128	142	9.5	8.8	6.8	6.8	7.5	42.0	69.9	3.0	4.6
West Virginia ⁵	57	49	46	51	72	8.6	7.1	6.3	6.7	9.4	25.1	32.0	4.4	5.2
Wisconsin.....	148	109	118	108	169	6.9	4.9	5.1	4.5	7.0	53.8	97.8	3.0	5.2
Wyoming ⁵	7	7	7	6	9	4.2	3.6	3.3	2.8	3.9	1.5	2.7	.9	1.5

¹ Data from U.S. Bureau of Labor Statistics. ² Total unemployment as percent of civilian labor force. ³ Insured unemployment as percent of average covered employment in the previous year. ⁴ Preliminary. ⁵ For 1975, unemployment estimates were derived from data drawn from the CPS and the unemployment insurance program.

Source: U.S. Employment and Training Administration, *Manpower Report of the President*, annual, and U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment*, annual.

NO. 663. UNEMPLOYMENT RATE, BY INDUSTRY AND OCCUPATION, 1975 TO 1980, AND BY SEX, 1978 TO 1980

[Persons 16 years old and over. Rate represents unemployment as a percent of labor force in each specified group. Annual averages of monthly figures]

INDUSTRY AND OCCUPATION OF LAST JOB	1975	1977	1978	1979	1980	MALE			FEMALE		
						1978	1979	1980	1978	1979	1980
All unemployed ¹	8.5	7.0	6.0	5.8	7.1	5.2	5.1	6.9	7.2	6.8	7.4
Industry: ²											
Agriculture.....	10.3	11.1	8.8	9.1	10.8	7.2	7.7	9.7	14.5	14.0	15.1
Mining.....	4.0	3.8	4.1	4.9	6.5	4.2	5.0	6.8	3.6	4.3	4.5
Construction.....	18.1	12.7	10.6	10.2	14.2	10.8	10.4	14.7	7.7	7.5	8.8
Manufacturing.....	10.9	6.7	5.5	5.5	8.5	4.2	4.4	7.4	8.2	8.0	10.7
Transportation, public utilities.....	5.6	4.7	3.7	3.7	4.9	3.5	3.4	5.1	4.4	4.5	4.4
Wholesale and retail trade.....	8.7	8.0	6.9	6.5	7.4	5.6	5.4	6.6	8.3	7.7	8.3
Finance, insurance, and real estate.....	4.9	3.9	3.1	3.0	3.4	2.7	2.3	3.2	3.4	3.5	3.5
Service industries.....	7.1	6.6	5.7	5.4	5.9	5.2	5.1	6.2	6.0	5.6	5.7
Government.....	4.0	4.2	3.9	3.7	4.1	3.5	3.1	3.8	4.4	4.3	4.3
Occupation: ³											
Professional and technical.....	3.2	3.0	2.6	2.4	2.5	2.0	1.8	2.0	3.5	3.3	3.0
Managers and administrators ⁴	3.0	2.8	2.1	2.1	2.4	1.7	1.7	2.0	3.4	3.4	3.5
Sales workers.....	5.8	5.3	4.1	3.9	4.4	3.0	2.8	3.5	5.5	5.3	5.4
Clerical workers.....	6.6	5.9	4.9	4.6	5.3	4.1	3.8	4.8	5.1	4.8	5.4
Craft and kindred workers.....	8.3	5.6	4.6	4.5	6.6	4.6	4.4	6.6	6.0	5.0	6.9
Operatives, except transport.....	14.7	9.5	8.1	8.4	12.2	6.5	6.9	11.0	10.4	10.6	13.9
Transport equip. operatives.....	8.5	6.6	5.2	5.4	8.8	5.1	5.4	8.9	7.4	5.0	7.7
Nonfarm laborers.....	15.6	12.0	10.7	10.8	14.6	10.8	10.8	14.8	9.8	11.0	12.6
Service workers.....	8.6	8.2	7.4	7.1	7.9	6.8	6.6	8.1	7.8	7.4	7.7
Farm workers.....	3.5	4.6	3.8	3.8	4.4	2.9	3.0	3.7	7.5	7.0	7.4

¹ Includes the self-employed, unpaid family workers, and persons with no previous work experience, not shown separately.

² Covers unemployed wage and salary workers. ³ Includes all experienced unemployed persons. ⁴ Excludes farm.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 664. MINORITY RACE UNEMPLOYMENT, SELECTED STATES: 1977 AND 1980

[Persons 16 years old and over. U.S. totals derived by independent population controls; therefore, State data may not add to U.S. totals. See headnote, table 638. Minority refers to all races other than White. Data are annual averages based on information collected as part of the Current Population Survey; see text, p. 1]

STATE	UNEMPLOYED (1,000)		RATE ¹		STATE	UNEMPLOYED (1,000)		RATE ¹		STATE	UNEMPLOYED (1,000)		RATE ¹	
	1977	1980	1977	1980		1977	1980	1977	1980		1977	1980	1977	1980
U.S.	1,482	1,658	13.1	13.3	Hawaii	21	13	6.7	4.5	N. Mex.	5	6	11.8	14.0
Ala.	49	63	14.5	15.6	Ill.	92	108	14.8	15.5	N.Y.	122	132	12.2	11.5
Alaska	5	4	15.3	15.4	Ind.	30	40	16.9	19.3	N.C.	57	68	10.7	12.1
Ariz.	4	7	8.1	14.8	Kans.	7	10	12.3	14.4	Ohio	57	88	13.6	19.2
Ark.	21	18	14.3	14.9	Ky.	10	15	10.0	14.4	Okla.	15	14	14.2	12.4
Calif.	160	167	13.2	11.6	La.	46	53	12.6	12.2	Pa.	72	82	19.4	17.4
Colo.	6	8	12.6	12.8	Md.	41	50	11.1	10.3	S.C.	34	44	11.3	11.9
Conn.	11	12	10.8	11.3	Mass.	9	6	13.1	5.3	Tenn.	36	47	12.7	15.8
D.C.	30	19	12.2	9.2	Mich.	70	119	15.9	23.4	Texas	68	80	9.8	11.1
Del.	7	6	16.5	14.0	Miss.	45	41	13.8	14.0	Va.	45	50	11.2	11.1
Fla.	83	67	13.0	10.0	Mo.	29	31	13.5	14.6	Wash.	13	13	18.6	11.4
Ga.	61	61	12.2	13.1	Mont.	1	3	8.9	20.7	Wis.	14	16	22.2	17.1
					N.J.	60	63	16.3	15.0					

¹ Unemployed as percent of civilian labor force.

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment*, annual, and unpublished data.

NO. 665. PERSONS WITH A JOB BUT NOT AT WORK: 1965 TO 1980

[In thousands, except percent. Persons 16 years old and over, except 1965, 14 years old and over. Annual averages of monthly figures. See *Historical Statistics, Colonial Times to 1970*, series D 116-126, for related but not comparable data]

REASON FOR NOT WORKING	1965	1970	1974	1975	1976	1977	1978	1979	1980
All industries, number	3,525	4,614	5,323	5,171	5,307	5,450	5,493	5,658	5,785
Percent of employed	4.9	5.9	6.2	6.1	6.1	6.0	5.8	5.8	5.9
Nonagricultural industries	3,368	4,481	5,162	5,007	5,164	5,303	5,338	5,514	5,635
Reason for not working:									
Vacation.....	1,738	2,324	2,887	2,788	2,898	2,913	2,942	3,143	3,268
Illness.....	1,039	1,317	1,377	1,392	1,387	1,410	1,418	1,400	1,404
Bad weather.....	79	127	143	138	99	236	236	196	153
Industrial dispute.....	48	156	149	94	115	119	99	122	104
All other.....	621	690	767	819	808	772	799	798	856

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 666. NONAGRICULTURAL ESTABLISHMENTS—EMPLOYEES AND AVERAGE WEEKLY HOURS, BY INDUSTRY: 1960 TO 1981

[Based on data from establishment reports. Includes all full- and part-time employees who worked during, or received pay for, any part of the pay period reported. Excludes proprietors, the self-employed, farmworkers, unpaid family workers, domestic servants, and Armed Forces. Establishment data shown here conform to industry definitions in 1972 Standard Industrial Classification Manual and are adjusted to March 1980 employment benchmark; consequently, may not be comparable with previously published data. Based on a Federal-State cooperative program; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series D 127-141 and D 803, 878, 881, 884, and 890]

ITEM AND YEAR	Total	NONAGRICULTURAL ESTABLISHMENTS								GROUPED INDUSTRIES	
		Manu- facturing	Whole- sale and retail trade	Government	Serv- ices	Trans- portation, public utilities	Fin- ance, insur- ance, real estate	Con- struction	Mining	Goods- related ¹	Serv- ice- related and all other
NUMBER (1,000)											
1960.....	54,189	16,796	11,391	8,353	7,378	4,004	2,629	2,926	712	20,434	33,755
1965.....	60,765	18,062	12,716	10,074	9,036	4,036	2,977	3,232	632	21,926	38,839
1970.....	70,880	19,367	15,040	12,554	11,548	4,515	3,645	3,588	623	23,578	47,302
1974.....	78,265	20,077	16,987	14,170	13,441	4,725	4,148	4,020	697	24,794	53,471
1975.....	76,945	18,323	17,060	14,686	13,892	4,542	4,165	3,525	752	22,600	54,345
1976.....	79,382	18,997	17,755	14,871	14,551	4,582	4,271	3,576	779	23,352	56,030
1977.....	82,471	19,682	18,516	15,127	15,303	4,713	4,467	3,851	813	24,346	58,125
1978.....	86,697	20,505	19,542	15,672	16,252	4,923	4,724	4,229	851	25,585	61,113
1979.....	89,823	21,040	20,192	15,947	17,112	5,136	4,975	4,463	958	26,461	63,363
1980.....	90,564	20,300	20,386	16,249	17,901	5,143	5,168	4,399	1,020	25,718	64,847
1981, Jan-May ²	91,344	20,258	20,623	16,194	18,406	5,141	5,297	4,388	1,036	25,683	65,661
PERCENT DISTRIBUTION											
1960.....	100.0	31.0	21.0	15.4	13.6	7.4	4.9	5.4	1.3	37.7	62.3
1965.....	100.0	29.7	20.9	16.6	14.9	6.7	4.9	5.3	1.0	36.1	63.9
1970.....	100.0	27.3	21.2	17.7	16.3	6.4	5.1	5.1	.9	33.3	66.7
1974.....	100.0	25.7	21.7	18.1	17.2	6.0	5.3	5.1	.9	31.7	68.3
1975.....	100.0	23.8	22.2	19.1	18.0	5.9	5.4	4.6	1.0	29.4	70.6
1976.....	100.0	23.9	22.4	18.7	18.3	5.8	5.4	4.5	1.0	29.4	70.6
1977.....	100.0	23.9	22.4	18.3	18.6	5.7	5.4	4.7	1.0	29.5	70.5
1978.....	100.0	23.7	22.5	18.1	18.7	5.7	5.4	4.9	1.0	29.5	70.5
1979.....	100.0	23.4	22.5	17.8	19.0	5.7	5.5	5.0	1.1	29.5	70.5
1980.....	100.0	22.4	22.5	17.9	19.8	5.7	5.7	4.9	1.1	28.4	71.6
1981, Jan-May ²	100.0	22.4	22.6	17.7	20.2	5.6	5.8	4.8	1.1	28.1	71.9
AVERAGE WEEKLY HOURS ³											
1960.....	38.6	39.7	38.6	(NA)	(NA)	(NA)	37.2	36.7	40.4	(NA)	(NA)
1965.....	38.8	41.2	37.7	(NA)	35.9	41.3	37.2	37.4	42.3		
1970.....	37.1	39.8	35.3	(NA)	34.4	40.5	36.7	37.3	42.7		
1974.....	36.5	40.0	34.2	(NA)	33.6	40.2	36.5	36.6	41.9		
1975.....	36.1	39.5	33.9	(NA)	33.5	39.7	36.5	36.4	41.9		
1976.....	36.1	40.1	33.7	(NA)	33.3	39.8	36.4	36.8	42.4	(NA)	(NA)
1977.....	36.0	40.3	33.3	(NA)	33.0	39.9	36.4	36.5	43.4		
1978.....	35.8	40.4	32.9	(NA)	32.8	40.0	36.4	36.8	43.4		
1979.....	35.7	40.2	32.6	(NA)	32.7	39.9	36.2	37.0	43.0		
1980.....	35.3	39.7	32.2	(NA)	32.6	39.6	36.2	37.0	43.2		
1981, Jan-May ²	35.3	40.1	32.2	(NA)	32.8	(NA)	(NA)	(NA)	(NA)		

NA Not available. ¹ Mining, construction, and manufacturing. ² Seasonally adjusted. ³ See headnote, table 678.
Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 667. MINORITY (OTHER THAN WHITE) RACES AS PERCENT OF NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT, BY INDUSTRY: 1965 TO 1980

[Persons 16 years old and over, except 1965, 14 years old and over. Annual averages of monthly figures. Based on Current Population Survey; see text, p. 375. Excludes self-employed and unpaid family workers]

YEAR	Total ¹	Manu- facturing	Whole- sale and retail trade	Government	Services ¹	Trans- portation, public utilities	Finance, insurance, real estate	Con- struction	Mining	Goods- related ²	Service- related and other ¹
1965.....	9.7	8.3	8.9	12.4	13.3	7.7	5.0	11.5	5.5	8.7	10.4
1970.....	10.4	10.2	7.8	14.0	12.2	8.8	6.7	10.4	3.8	10.1	10.6
1973.....	10.8	10.8	7.8	15.0	12.0	9.8	7.0	9.6	3.9	10.4	10.9
1974.....	10.9	11.1	7.9	14.7	11.8	10.3	7.7	9.4	4.1	10.7	10.9
1975.....	10.8	10.7	8.1	14.7	11.9	9.9	7.8	9.0	2.9	10.2	11.0
1976.....	10.9	11.1	7.8	15.1	12.0	10.3	8.1	8.0	3.5	10.4	11.1
1977.....	11.0	11.0	7.8	15.3	12.1	11.0	8.1	8.6	4.0	10.4	11.2
1978.....	11.3	11.2	8.3	15.8	12.3	11.2	9.1	8.6	4.0	10.6	11.7
1979.....	11.5	11.5	8.5	15.9	12.5	11.8	9.3	8.7	4.3	10.8	11.8
1980.....	11.5	11.4	8.7	15.7	12.4	11.6	9.3	8.6	4.5	10.7	11.8

¹ Excludes private household. ² Mining, construction, and manufacturing.
Source: U.S. Bureau of Labor Statistics, unpublished data.

NO. 668. EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS—STATES: 1972 TO 1980

[In thousands. For coverage, see headnote, table 666. National totals differ from the sum of the State figures because some States have more recent benchmarks than others and because the stratification of industries differs among the States. Based on 1972 *Standard Industrial Classification Manual*; see text, p. 376]

STATE	1972, total	1975, total	1978, total	1979, total	1980							
					Total ¹	Manu- facturing	Whole- sale and retail trade	Government	Serv- ices	Trans- portation, public utilities	Fi- nance, insur- ance, real estate	Con- struction
U.S.	73,675	76,941	86,697	89,823	90,564	20,300	20,386	16,249	17,901	5,143	5,168	4,399
N. Eng.	4,576	4,656	5,224	5,393	5,474	1,523	1,167	830	1,203	238	329	184
Maine.....	344	357	406	416	419	113	89	83	79	19	17	20
N.H. ²	279	293	360	379	385	117	85	57	73	14	20	19
Vt.	154	162	191	198	200	51	41	37	44	9	8	10
Mass.	2,252	2,272	2,526	2,604	2,648	673	571	410	639	122	159	73
R.I.	358	349	396	400	399	128	81	60	83	13	21	13
Conn.	1,190	1,223	1,346	1,398	1,424	442	299	183	286	61	105	49
Mid. Atl.	14,111	13,965	14,727	15,013	15,012	3,562	3,134	2,567	3,278	887	1,018	508
N.Y.	7,039	6,829	7,045	7,179	7,205	1,451	1,468	1,314	1,702	432	624	207
N.J.	2,673	2,700	2,962	3,027	3,054	783	677	525	607	192	157	111
Pa.	4,400	4,436	4,720	4,807	4,753	1,328	989	728	969	263	237	190
E. No. Cent.	14,871	(NA)	16,885	17,202	16,827	4,715	3,765	2,758	3,122	858	870	650
Ohio.....	3,938	4,016	4,395	4,485	4,399	1,268	970	690	830	225	206	180
Ind.	1,922	1,942	2,206	2,236	2,137	658	478	355	337	105	102	92
Ill.	4,315	4,419	4,789	4,883	4,892	1,222	1,140	764	944	285	313	192
Mich.	3,115	(NA)	3,609	3,637	3,454	1,007	738	628	645	151	156	117
Wis.	1,581	1,677	1,887	1,960	1,945	560	439	321	366	92	93	70
W. No. Cent.	5,570	5,986	6,754	6,974	6,903	1,379	1,709	1,286	1,361	436	373	306
Minn.	1,357	1,474	1,689	1,767	1,770	373	441	301	369	100	95	76
Iowa.....	912	999	1,119	1,132	1,101	244	280	207	208	56	58	47
Mo.	1,700	1,741	1,953	2,011	1,969	436	464	339	396	139	108	80
N. Dak.	176	204	234	244	246	16	67	61	49	17	11	16
S. Dak.	190	209	237	241	237	26	65	58	50	13	11	11
Nebr.	517	558	610	631	631	96	165	131	118	48	43	29
Kans.	718	801	913	947	949	190	226	189	172	64	47	46
So. Atl.	11,456	12,106	13,782	14,366	14,625	3,042	3,229	3,071	2,731	810	774	853
Del.	232	230	248	257	258	71	56	45	48	12	12	15
Md.	1,415	1,479	1,626	1,681	1,695	238	409	407	360	86	92	103
D.C.	572	577	596	613	615	15	64	282	179	25	35	14
Va.	1,655	1,779	2,034	2,098	2,121	411	447	508	387	115	106	124
W. Va.	541	575	633	659	646	117	130	133	98	43	22	36
N.C.	1,912	1,981	2,277	2,374	2,385	824	473	411	342	117	95	118
S.C.	920	989	1,138	1,178	1,187	392	224	237	158	54	48	73
Ga.	1,695	1,756	2,050	2,128	2,146	516	495	431	344	138	112	103
Fla.	2,513	2,746	3,181	3,381	3,571	457	932	616	816	219	253	267
E. So. Cent.	4,161	4,417	5,097	5,223	5,133	1,364	1,074	1,042	823	267	221	250
Ky.	989	1,064	1,210	1,245	1,209	278	260	233	209	69	52	58
Tenn.	1,450	1,506	1,737	1,777	1,735	505	377	315	288	86	78	77
Ala.	1,072	1,155	1,337	1,362	1,358	362	273	300	204	72	59	72
Miss.	649	692	814	838	831	221	165	195	121	41	33	44
W. So. Cent.	6,406	7,237	8,503	8,956	9,313	1,662	2,214	1,670	1,601	602	499	664
Ark.	582	624	733	749	745	210	161	141	115	43	31	38
La.	1,129	1,250	1,464	1,517	1,571	212	356	306	270	124	75	141
Okla.	812	900	1,036	1,087	1,136	190	269	225	199	68	56	58
Tex.	3,884	4,463	5,272	5,602	5,862	1,049	1,429	998	1,018	366	337	429
Mt.	3,029	3,423	4,164	4,414	4,485	564	1,055	934	964	277	242	291
Mont.	215	238	280	284	281	24	72	71	56	23	13	15
Idaho.....	237	273	331	338	332	55	81	69	61	20	24	17
Wyo.	117	146	187	201	206	11	44	42	29	17	7	20
Colo.	869	964	1,150	1,219	1,251	181	305	243	253	80	77	77
N. Mex.	328	370	444	461	462	34	103	125	91	28	21	30
Ariz.	646	729	895	980	1,003	153	241	202	205	50	57	75
Utah.	393	440	525	548	554	89	129	126	100	35	26	32
Nev.	223	263	350	384	400	19	80	57	169	24	18	26
Pac.	9,500	10,409	12,236	12,863	13,059	2,560	3,040	2,444	2,793	742	824	602
Wash.	1,100	1,219	1,486	1,581	1,607	307	384	330	308	91	92	91
Oreg.	774	837	1,009	1,056	1,041	214	256	202	191	60	69	46
Calif.	7,210	7,848	9,200	9,665	9,838	2,001	2,268	1,767	2,165	543	621	431
Alaska.....	103	162	164	167	169	13	29	55	30	17	8	10
Hawaii.....	313	343	377	394	404	24	105	89	99	31	34	24

NA Not available. ¹Includes mining, not shown separately.

²Beginning 1979, data not comparable with prior years.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly. Compiled from data supplied by cooperating State agencies.

**NO. 669. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, 1970 TO 1980, AND NUMBER
AND EARNINGS OF PRODUCTION WORKERS, 1975 TO 1980**

[Annual averages of monthly figures. Covers all full- and part-time employees who worked during, or received pay for, any part of the pay period including the 12th of the month. For mining and manufacturing, data refer to production and related workers; for construction, to employees engaged in actual construction work; and for other industries, to nonsupervisory employees and working supervisors. See also headnote, table 666. See *Historical Statistics, Colonial Times to 1970*, series D 127-151, D 802-810, and D 877-892, for related data.]

INDUSTRY	ALL EMPLOYEES, NUMBER (1,000)				PRODUCTION WORKERS					
	1970	1975	1979	1980	Number (1,000)			Average hourly earnings (dollars)		
					1975	1979	1980	1975	1979	1980
Total	70,880	76,945	89,823	90,564	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Private sector ¹	58,325	62,259	73,876	74,316	50,991	60,367	60,457	4.63	6.16	6.66
Mining	623	752	958	1,020	571	719	757	5.95	8.49	9.17
Metal mining	93	94	101	98	73	77	74	6.13	9.27	10.27
Coal mining	145	213	259	248	182	216	205	27.22	10.26	10.86
Oil and gas extraction	270	329	474	552	223	327	383	5.38	7.72	8.58
Nonmetallic minerals, except fuels	115	117	124	123	92	98	96	4.95	6.90	7.52
Construction	3,598	3,525	4,463	4,399	2,808	3,565	3,461	7.31	9.27	9.92
General building contractors	1,066	1,012	1,272	1,213	799	989	930	6.78	8.61	9.17
Heavy construction contractors	784	760	931	922	615	770	741	6.81	8.65	9.19
Special trade contractors	1,738	1,753	2,260	2,264	1,394	1,806	1,790	7.87	9.92	10.65
Manufacturing	19,367	18,323	21,040	20,300	13,043	15,068	14,223	4.83	6.70	7.27
Durable goods	11,208	10,688	12,760	12,181	7,557	9,110	8,438	5.15	7.13	7.75
Lumber and wood products, except furniture ²	646	615	767	690	517	654	577	4.26	6.07	6.53
Logging camps and logging contractors	70	74	89	85	59	73	68	5.28	7.97	8.53
Sawmills and planing mills	215	202	237	215	180	212	191	4.34	6.32	6.71
Millwork, plywood, and structural members	(NA)	166	226	202	137	190	166	4.26	5.95	6.40
Wooden containers	(NA)	39	47	43	34	41	37	3.37	4.48	4.96
Furniture and fixtures ³	440	417	498	469	337	406	379	3.78	5.06	5.49
Household furniture	(NA)	284	329	305	238	278	256	3.54	4.76	5.12
Office furniture	39	37	50	49	28	40	39	4.16	5.42	5.92
Partitions and fixtures	52	51	65	63	38	49	47	4.62	6.15	6.68
Stone, clay, and glass products ⁴	644	629	709	666	499	559	516	4.92	6.85	7.50
Flat glass	24	18	20	18	14	15	14	6.08	8.62	9.65
Glass and glassware, pressed ⁴	132	127	132	125	108	113	106	4.99	7.15	7.97
Cement, hydraulic	33	31	33	31	24	26	24	6.36	9.58	10.55
Structural clay products	58	48	52	46	39	40	35	4.01	5.56	6.15
Pottery and related products	44	43	48	46	36	40	38	4.13	5.67	6.29
Concrete, gypsum, and plaster products	189	190	216	204	148	168	157	4.99	6.83	7.46
Primary metal industries ⁵	1,260	1,139	1,254	1,144	887	968	879	6.18	8.98	9.77
Blast furnace and basic steel products	627	548	571	512	428	451	396	6.94	10.41	11.40
Iron and steel foundries	229	230	241	210	190	196	168	5.45	7.76	8.21
Primary nonferrous metals	72	66	73	71	51	56	54	6.24	9.50	10.63
Nonferrous rolling and drawing	213	181	220	210	129	162	150	5.54	7.92	8.82
Nonferrous foundries	83	76	100	91	62	82	73	4.93	6.70	7.30
Fabricated metal products ⁶	1,560	1,458	1,718	1,609	1,090	1,299	1,193	6.05	6.85	7.45
Metal cans and shipping containers	91	79	80	75	67	68	63	6.26	8.93	9.84
Cutlery, hand tools, and hardware	150	153	184	166	116	143	127	4.76	6.54	7.04
Plumbing and heating, exc. electric	(NA)	61	76	70	43	56	50	4.50	6.02	6.62
Fabricated structural metal products	428	455	523	510	322	369	353	4.99	6.60	7.26
Screw machine products, bolts, etc.	104	93	116	108	72	91	84	4.80	6.45	6.96
Metal forgings and stampings	(NA)	249	305	263	198	245	206	5.65	7.91	8.57
Machinery, except electrical ⁷	1,984	2,057	2,485	2,497	1,338	1,634	1,605	5.37	7.32	8.00
Engines and turbines	111	120	145	135	76	95	87	6.03	8.75	9.74
Farm and garden machinery	(NA)	161	182	172	114	129	118	5.92	7.96	8.76
Construction and related machinery	275	342	383	389	230	255	254	5.62	7.81	8.61
Metalworking machinery	318	307	369	372	222	271	272	5.49	7.57	8.19
Special industry machinery	197	184	205	209	117	131	133	5.03	6.93	7.52
General industrial machinery	286	290	329	322	192	219	210	5.40	7.32	7.97
Office and computing machines	288	286	397	430	122	178	185	4.82	6.09	6.74
Refrigeration and service industry	149	144	188	176	97	133	121	4.91	6.61	7.25
Electric and electronic equipment ⁸	1,871	1,702	2,117	2,103	1,091	1,388	1,386	4.64	6.32	6.95
Electric distributing equipment	143	114	126	122	79	90	86	4.84	6.33	6.96
Electrical industrial apparatus	217	212	252	239	148	181	169	4.69	6.45	7.12
Household appliances	184	161	176	165	124	141	130	4.60	6.36	6.95
Electric lighting and wiring equipment	197	181	225	211	136	171	157	4.35	5.85	6.42
Radio and TV receiving equipment	132	112	115	110	80	85	79	4.20	5.85	6.45
Communication equipment	524	457	523	539	221	262	265	5.25	7.30	7.94
Electronic components and access	367	338	525	559	207	329	336	3.01	5.36	6.06
Transportation equipment ⁹	1,853	1,715	2,077	1,875	1,154	1,423	1,215	6.07	8.53	9.32
Motor vehicles and equipment	799	792	990	763	602	764	557	6.44	9.06	9.81
Aircraft and parts	664	514	611	655	271	332	356	6.00	8.26	9.28
Ship and boat building and repairs	172	194	226	220	160	182	175	5.23	7.25	8.20
Railroad equipment	51	57	74	69	44	57	52	6.02	9.03	9.92

See footnotes at end of table.

NO. 669. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, 1970 TO 1980, AND NUMBER AND EARNINGS OF PRODUCTION WORKERS, 1975 TO 1980—Continued

INDUSTRY	ALL EMPLOYEES, NUMBER (1,000)				PRODUCTION WORKERS					
	1970	1975	1979	1980	Number (1,000)			Average hourly earnings (dollars)		
					1975	1979	1980	1975	1979	1980
Instruments and related products.....	527	550	691	709	332	422	424	4.53	6.17	6.80
Engineering and scientific inst.....	71	62	72	77	31	36	37	4.82	6.53	7.11
Measuring and controlling devices.....	171	170	236	242	103	151	151	4.43	6.20	6.85
Optical instruments and lenses.....	58	58	32	33	39	18	18	3.75	6.66	7.32
Ophthalmic goods.....										
Medical instruments and supplies.....	83	109	144	156	74	95	101	4.02	5.30	5.80
Photographic equip. and supplies.....	113	121	134	136	61	67	67	5.70	7.93	8.83
Watches, clocks, and watchcases.....	31	30	28	22	24	21	16	3.69	4.75	5.24
Misc. manufacturing industries ^a	426	407	445	419	311	339	314	3.81	5.03	5.47
Jewelry, silverware, plated ware.....	51	52	61	56	38	44	40	4.00	5.16	5.75
Toys and sporting goods.....	118	116	121	116	90	93	87	3.48	4.61	5.01
Pens, pencils, office/art supplies.....	34	33	38	38	23	28	27	3.80	5.20	5.59
Costume jewelry and notions.....	61	57	53	52	46	47	41	3.29	4.32	4.72
Nondurable goods.....	8,158	7,635	8,280	8,118	5,485	5,958	5,786	4.37	6.01	6.56
Food and kindred products ^a	1,786	1,658	1,733	1,711	1,120	1,191	1,175	4.61	6.27	6.86
Meat products.....	343	336	358	357	274	297	297	4.80	6.39	7.00
Dairy products.....	241	194	180	176	99	97	97	4.60	6.32	6.85
Preserved fruits and vegetables.....	(NA)	242	261	256	200	214	210	4.00	5.41	5.95
Grain mill products.....	135	138	144	145	95	100	99	4.95	6.88	7.65
Bakery products.....	274	232	231	226	132	135	132	4.67	6.54	7.21
Sugar and confectionery products.....	120	107	110	107	82	83	80	4.45	6.07	6.57
Fats and oils.....	(NA)	41	44	45	29	32	33	4.82	6.54	7.05
Beverages.....	236	221	238	235	106	111	106	5.44	7.51	8.12
Tobacco manufactures.....	83	76	70	69	62	56	54	4.55	6.67	7.73
Cigarettes.....	44	44	46	46	36	36	35	5.55	7.90	9.24
Textile mill products ^a	975	868	885	853	752	771	741	3.42	4.66	5.08
Weaving mills, cotton.....	206	158	151	150	143	136	135	3.42	4.84	5.25
Weaving mills, synthetic.....	100	113	122	118	100	109	106	3.48	4.90	5.30
Weaving and finishing mills, wool.....	37	20	20	19	16	17	16	3.51	4.76	5.21
Narrow fabric mills.....	30	23	25	23	20	22	20	3.24	4.30	4.63
Knitting mills.....	250	225	227	221	193	196	192	3.29	4.35	4.76
Textile finishing, except wool.....	84	81	78	74	69	66	62	3.71	4.95	5.39
Floor covering mills.....	57	55	61	54	45	49	44	3.47	4.78	5.20
Yarn and thread mills.....	131	125	132	126	114	120	114	3.18	4.36	4.76
Apparel and other textile products ^a	1,364	1,243	1,304	1,266	1,067	1,117	1,082	3.17	4.23	4.57
Men's and boys' suits and coats.....	119	88	81	78	76	70	68	3.84	5.11	5.34
Men's and boys' furnishings.....	375	358	363	362	306	312	310	2.86	3.90	4.23
Women's and misses outerwear.....	424	404	435	417	352	375	360	3.23	4.22	4.61
Undergarments ^a	117	94	92	89	81	78	76	2.90	3.86	4.15
Children's outerwear.....	74	66	66	65	57	57	55	2.94	3.84	4.20
Misc. apparel, accessories.....	(NA)	56	58	55	50	50	47	3.09	4.11	4.47
Paper and allied products.....	706	642	707	694	480	536	524	5.01	7.13	7.84
Paper and pulp mills.....	219	197	206	204	150	155	153	5.54	8.26	9.15
Paperboard mills.....	71	61	66	65	48	52	51	5.74	8.38	9.28
Misc. converted paper products.....	190	191	221	220	134	164	163	4.57	6.31	6.90
Paperboard containers and boxes.....	225	194	214	205	148	165	157	4.59	6.37	6.94
Printing and publishing ^a	1,104	1,083	1,235	1,258	624	697	703	5.38	6.94	7.53
Newspapers.....	373	377	420	423	168	167	165	5.81	7.31	7.73
Periodicals.....	75	68	82	88	12	14	16	5.13	6.38	7.15
Books.....	101	98	102	101	48	54	52	4.64	6.15	6.76
Commercial printing.....	354	348	407	418	262	303	311	5.46	7.19	7.85
Blankbooks and bookbinding.....	58	55	63	61	45	52	50	4.10	5.31	5.78
Chemicals and allied products ^a	1,049	1,015	1,109	1,107	580	633	626	5.39	7.60	8.30
Industrial inorganic chemicals.....	(NA)	149	162	162	90	88	88	5.73	8.26	9.08
Plastics materials and synthetics.....	233	218	212	206	136	144	137	5.28	7.48	8.21
Drugs.....	149	167	193	197	84	96	97	5.18	6.93	7.70
Soap, cleaners, and toilet goods.....	127	122	140	139	73	84	85	5.15	7.18	7.65
Paints and allied products.....	70	62	69	66	38	36	33	5.01	6.80	7.40
Agricultural chemicals.....	(NA)	65	70	73	42	45	46	4.93	7.26	8.12
Petroleum and coal products ^a	191	194	210	197	123	137	124	6.48	9.36	10.09
Petroleum refining.....	154	153	165	154	93	104	93	6.93	10.08	10.94
Paving and roofing materials.....	(NA)	30	33	31	23	26	24	5.24	7.18	7.69
Rubber and misc. plastics products.....	580	608	782	731	465	612	562	4.39	5.97	6.56
Tires and inner tubes.....	116	124	127	121	90	92	85	5.63	8.59	9.76
Leather and leather products ^a	320	248	246	233	213	209	196	3.21	4.22	4.58
Leather tanning and finishing.....	27	22	20	19	19	17	16	4.28	5.54	6.09
Footwear except rubber.....	213	158	149	143	136	128	123	3.08	4.09	4.42
Handbags, personal leather goods.....	34	31	33	30	26	28	25	3.11	4.02	4.32

See footnotes at end of table.

NO. 669. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, 1970 TO 1980, AND NUMBER AND EARNINGS OF PRODUCTION WORKERS, 1975 TO 1980—Continued

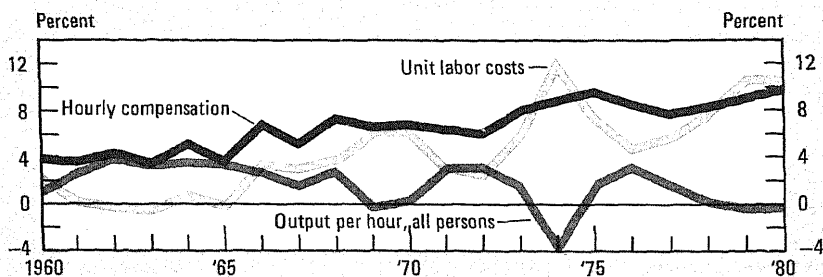
INDUSTRY	ALL EMPLOYEES, NUMBER (1,000)				PRODUCTION WORKERS					
	1970	1975	1979	1980	Number (1,000)			Average hourly earnings (dollars)		
					1975	1979	1980	1975	1979	1980
Transp. and public utilities ³	4,515	4,542	5,136	5,143	3,894	4,299	4,291	5.88	8.16	8.87
Railroad transportation.....	634	548	556	536	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Class I railroads ⁷	566	498	503	482	(NA)	(NA)	(NA)	⁸ 6.05	8.94	9.92
Local and interurban pass. transit.....	281	270	263	266	253	242	245	4.15	5.95	6.34
Trucking and warehousing.....	1,083	1,108	1,339	1,276	978	1,164	1,118	6.00	8.34	9.15
Air transportation.....	352	363	391	406	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Pipelines except natural gas.....	18	18	20	21	13	14	15	6.89	9.52	10.50
Transportation services.....	115	134	189	196	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Communication ³	1,129	1,176	1,309	1,352	911	987	1,009	5.54	7.85	8.51
Telephone communication.....	942	967	1,048	1,071	740	772	778	5.61	8.07	8.72
Radio and television broadcasting.....	138	155	189	198	124	151	159	5.10	6.90	7.45
Electric, gas, and sanitary services ³	691	731	806	830	613	659	678	6.03	8.25	8.91
Electric services.....	290	323	374	394	267	301	318	6.06	8.34	9.13
Gas production and distribution.....	161	162	167	168	135	136	138	5.50	7.65	8.29
Combination utility services.....	186	187	195	196	160	161	161	6.74	9.09	9.64
Sanitary services.....	(NA)	38	47	48	34	42	43	4.84	6.72	7.04
Wholesale and retail trade	15,040	17,060	20,192	20,386	15,023	17,748	17,881	3.73	5.06	5.48
Wholesale trade.....	3,993	4,415	5,204	5,281	3,637	4,274	4,319	4.73	6.39	6.96
Retail trade ³	11,047	12,645	14,989	15,104	11,387	13,474	13,562	3.36	4.53	4.88
General merchandise stores.....	(NA)	2,113	2,287	2,255	1,944	2,133	2,099	3.21	4.38	4.77
Food stores.....	1,731	2,007	2,297	2,386	1,854	2,120	2,205	4.08	5.67	6.24
Apparel and accessory stores.....	761	806	949	961	705	820	824	3.03	4.01	4.30
Furniture and home furn. stores.....	472	517	615	609	436	509	505	3.99	5.18	5.53
Eating and drinking places.....	2,575	3,380	4,513	4,666	3,147	4,148	4,294	2.55	3.45	3.69
Finance, insurance, real estate	3,845	4,165	4,975	5,168	3,173	3,776	3,913	4.06	5.27	5.78
Banking.....	1,044	1,274	1,499	1,570	1,009	1,161	1,210	3.52	4.53	4.94
Credit agencies other than banks.....	360	432	554	566	329	422	429	3.71	4.69	5.12
Security, commod. brokers, services.....	205	170	204	223	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Insurance carriers.....	1,030	1,085	1,200	1,224	751	840	855	4.35	5.66	6.29
Insurance agents, brokers, services.....	288	339	430	453	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Real estate.....	661	748	955	993	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Other finance, insurance, real estate.....	57	117	134	137	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Services ³	11,548	13,892	17,112	17,901	12,479	15,193	15,930	4.02	5.36	5.85
Hotels and other lodging places.....	(NA)	898	1,060	1,092	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Personal services.....	989	861	904	897	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Business services.....	1,676	2,042	2,906	3,109	1,778	2,527	2,713	4.16	5.47	6.02
Motion pictures.....	204	206	228	216	181	203	190	4.26	7.59	7.86
Health services.....	3,053	4,134	4,993	5,272	3,725	4,443	4,706	3.81	5.16	5.68
Government	12,554	14,686	15,947	16,249	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Federal Government.....	2,731	2,748	2,773	2,866	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
State and local government.....	9,823	11,937	13,174	13,383	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. ¹ Excludes government. ² 11-month average. ³ Includes industries not shown separately. ⁴ Includes blown. ⁵ Women's and children's. ⁶ Included in "Private sector" total; not available separately. ⁷ For changes in "Class I" classification, see text, p. 610. ⁸ Includes all employees except executives, officials, and staff assistants who received pay during the month.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

Figure 13.3

Compensation, Productivity, and Unit Labor Costs — Annual Rates of Change in Total Private Economy: 1960 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 671.

No. 670. INDEXES OF OUTPUT PER HOUR—SELECTED INDUSTRIES: 1965 TO 1979

[1967 = 100. See text, p. 376. See also *Historical Statistics, Colonial Times to 1970*, series W 14, 17, and 19, W 30-54, and W 62-65]

INDUSTRY	ALL EMPLOYEES						PRODUCTION WORKERS					
	1965	1970	1975	1977	1978	1979, prel.	1965	1970	1975	1977	1978	1979, prel.
Manufacturing:												
Aluminum rolling and drawing.....	100.5	109.6	142.5	163.7	168.7	161.7	100.0	114.4	152.4	164.5	170.1	159.2
Bakery products.....	93.5	105.7	112.7	120.1	116.8	118.6	95.1	105.1	119.6	126.4	124.5	126.5
Ball and roller bearings.....	103.8	98.6	113.4	116.8	122.6	120.6	102.7	102.7	117.5	120.7	125.9	121.9
Bottled and canned soft drinks.....	101.8	105.2	129.6	147.7	154.3	155.6	104.1	113.0	146.1	168.8	177.3	163.7
Candy and confectionery products.....	93.4	104.4	136.0	149.4	161.5	(NA)	93.7	107.0	147.2	155.5	164.2	(NA)
Cement, hydraulic.....	95.2	110.3	110.6	131.6	124.4	128.5	94.7	111.3	111.6	132.1	132.3	127.0
Concrete products.....	90.5	104.4	113.3	120.5	120.1	(NA)	92.1	105.3	118.6	124.5	124.2	(NA)
Construction machinery, equipment.....	96.9	101.0	111.6	117.1	120.1	119.7	95.3	103.6	114.6	122.5	123.9	125.6
Copper rolling and drawing.....	111.4	98.6	94.7	120.7	117.1	121.4	108.9	101.4	102.6	123.4	119.9	123.6
Corrugated, solid fiber boxes.....	92.8	111.8	142.2	144.0	149.0	149.9	92.7	112.8	151.8	151.1	155.7	157.3
Electric lamps.....	101.5	101.0	113.3	119.6	123.2	127.9	101.5	100.7	114.8	120.6	123.7	127.6
Fabricated structural metal.....	100.5	105.7	99.4	100.8	101.8	107.8	100.1	107.7	101.0	103.4	103.1	108.3
Fluid milk.....	94.3	117.1	150.3	156.1	165.8	174.7	(X)	(X)	(X)	(X)	(X)	(X)
Folding paperboard boxes.....	90.7	95.5	121.5	123.4	127.0	132.1	90.1	95.3	124.3	123.5	127.5	133.3
Footwear.....	101.4	103.9	104.8	103.3	106.0	107.1	101.2	105.3	107.6	106.0	108.3	111.5
Glass containers.....	97.6	106.1	120.9	124.0	125.8	127.1	97.7	106.8	122.5	125.3	126.6	129.2
Grain mill products.....	90.3	109.2	125.5	137.5	136.2	(NA)	90.6	108.3	124.7	138.2	137.8	(NA)
Gray iron foundries.....	104.9	105.8	126.7	130.4	134.0	133.0	103.9	107.4	130.9	134.4	138.0	138.5
Hosiery.....	80.9	128.1	191.6	208.6	209.5	236.5	80.1	129.8	197.5	210.3	212.2	239.9
Household furniture.....	97.9	104.2	123.6	126.7	131.9	135.6	97.9	106.4	127.3	128.9	134.4	139.5
Lighting fixtures.....	97.4	105.4	118.9	132.5	132.9	(NA)	95.4	109.3	125.6	138.6	137.6	(NA)
Major household appliances.....	94.2	106.3	140.7	149.8	150.5	155.0	94.3	107.3	145.2	150.5	150.8	154.8
Malt beverages.....	89.0	119.6	175.3	199.6	201.3	203.0	88.7	119.4	169.4	189.3	190.7	189.3
Metal cans.....	94.1	105.4	116.0	131.7	136.1	(NA)	95.6	106.7	121.0	136.0	141.0	(NA)
Motor vehicles and equipment.....	99.0	101.8	127.1	145.1	144.0	138.7	96.0	103.0	128.1	142.8	141.6	138.5
Motors and generators.....	101.4	100.8	106.7	114.3	113.1	117.3	101.8	102.8	110.3	114.2	112.0	115.7
Paints and allied products.....	99.6	101.7	129.1	137.2	144.2	150.9	98.8	100.8	137.5	139.9	148.2	158.5
Paper and plastic bags.....	96.3	100.4	133.6	134.6	134.8	(NA)	96.6	99.0	135.4	136.1	135.6	(NA)
Paper, paperboard, pulp mills.....	96.9	114.6	128.0	147.3	152.9	152.3	96.4	114.7	132.8	151.3	157.9	157.7
Petroleum refining.....	90.5	104.8	123.7	136.8	138.2	135.1	89.9	106.6	126.9	140.1	140.6	136.8
Pharmaceuticals.....	90.9	116.2	145.2	158.2	149.6	150.3	90.7	118.0	160.3	171.5	167.7	163.1
Preserved fruits and vegetables.....	95.4	108.2	124.9	131.9	135.5	(NA)	96.5	109.9	127.1	136.2	139.2	(NA)
Primary aluminum.....	97.5	104.9	105.8	108.8	108.4	112.0	97.0	106.2	112.8	110.7	109.3	114.1
Primary copper, lead, and zinc.....	120.2	116.7	126.4	148.6	143.9	149.2	113.1	111.4	129.0	149.3	143.4	148.9
Radio and TV receiving sets.....	95.5	106.2	125.7	132.9	146.4	150.7	94.3	115.6	137.7	143.2	162.7	169.1
Ready-mixed concrete.....	95.1	96.0	102.7	105.3	108.7	(NA)	(X)	(X)	(X)	(X)	(X)	(X)
Sawmills and planing mills, general.....	91.7	100.9	112.7	115.3	116.4	112.8	92.8	103.4	115.4	117.9	119.7	116.5
Soaps and detergents.....	68.1	105.7	123.3	127.0	132.0	(NA)	67.0	110.4	129.0	136.4	138.5	(NA)
Steel.....	101.1	101.3	107.8	115.6	125.3	123.8	98.7	102.9	111.8	119.6	127.8	125.8
Steel foundries.....	100.5	96.2	113.6	105.9	103.4	101.6	98.4	97.9	116.4	110.8	107.0	104.3
Structural clay products.....	97.4	112.8	132.0	146.1	145.9	147.8	95.9	117.7	136.5	148.8	146.2	150.9
Sugar.....	96.5	111.6	108.1	118.9	117.1	131.0	95.6	110.3	111.0	122.6	121.3	139.2
Synthetic fibers.....	92.8	119.5	187.2	221.0	231.7	251.9	91.9	119.1	192.0	221.0	230.4	246.0
Tires and inner tubes.....	98.2	105.9	115.7	130.0	139.9	143.9	96.7	107.8	119.5	129.3	136.9	142.7
Tobacco products.....	100.2	104.3	114.2	122.4	125.0	127.6	99.5	104.4	119.0	129.3	131.7	134.9
Veneer and plywood.....	91.8	119.4	142.2	147.2	147.4	(NA)	90.8	121.4	147.9	149.8	150.8	(NA)
Mining:												
Coal.....	91.4	97.7	68.5	68.7	70.8	65.5	93.1	98.1	72.7	69.5	76.1	68.8
Copper (crude ore).....	109.3	128.9	116.9	134.3	152.5	153.5	96.2	115.3	122.2	145.4	158.6	148.6
Copper (recoverable metal).....	113.8	117.6	87.4	108.1	120.4	116.4	100.1	105.2	91.3	117.1	125.2	112.7
Iron (crude ore).....	93.3	113.8	127.9	114.6	135.2	145.6	94.5	115.6	129.7	126.0	135.1	147.0
Iron (usable ore).....	91.0	110.5	116.9	100.5	121.6	128.7	92.2	112.3	118.6	110.5	121.4	129.9
Nonmetallic minerals.....	96.3	115.7	113.9	126.4	133.3	129.0	93.7	116.0	120.7	130.4	136.6	131.5
Transportation, utilities, and trade:												
Air transportation ¹	83.5	109.6	134.6	153.6	167.9	173.6	(X)	(X)	(X)	(X)	(X)	(X)
Bus carriers ²	101.2	93.4	84.5	87.1	86.8	87.2	100.6	93.1	80.8	82.5	83.2	85.4
Drug and proprietary stores ³	89.3	124.4	144.8	156.7	152.4	153.6	(X)	(X)	(X)	(X)	(X)	(X)
Eating and drinking places ³	95.6	103.8	102.0	98.9	94.6	89.5	(X)	(X)	(X)	(X)	(X)	(X)
Franchised new car dealers.....	97.8	106.4	120.5	131.2	128.5	122.5	(X)	(X)	(X)	(X)	(X)	(X)
Gas and electric utilities ⁴	89.2	117.4	131.9	137.8	136.2	135.5	88.5	118.0	136.2	144.6	144.4	143.8
Gasoline service stations ³	93.7	122.7	137.8	160.9	168.3	169.4	(X)	(X)	(X)	(X)	(X)	(X)
Hotels, motels, tourist courts ³	93.0	102.5	101.9	106.8	109.1	102.8	(X)	(X)	(X)	(X)	(X)	(X)
Intercity trucking ¹	98.6	106.8	114.1	127.9	127.6	126.1	(X)	(X)	(X)	(X)	(X)	(X)
Laundry and cleaning services ²	87.3	99.5	103.0	108.0	108.7	101.8	(X)	(X)	(X)	(X)	(X)	(X)
Petroleum pipelines.....	79.4	122.6	147.4	154.0	156.7	160.2	79.2	128.7	161.9	174.8	180.5	188.1
Railroad transport (car miles) ⁵	92.5	104.7	115.5	117.5	124.0	122.6	92.6	105.1	117.7	119.2	126.3	125.0
RR transport (revenue traffic) ⁵	90.1	107.6	123.9	138.4	148.6	148.5	90.2	108.0	126.3	140.4	151.4	151.4
Retail food stores ³	93.8	112.0	104.8	106.4	100.9	100.2	(X)	(X)	(X)	(X)	(X)	(X)
Telephone communications.....	89.1	109.2	149.6	175.9	187.6	194.3	(X)	(X)	(X)	(X)	(X)	(X)

NA Not available. X Not applicable. ¹Refers to output per employee. ²Class 1 interstate carriers regulated by the ICC. ³Data relate to all persons (paid employees, unpaid family workers, and the self-employed). ⁴Production workers refers to nonsupervisory workers. ⁵Class 1 line-haul railroads and switching and terminal companies.

Source: U.S. Bureau of Labor Statistics, *Productivity Measures for Selected Industries, 1954-79*.

NO. 671. INDEXES OF PRODUCTIVITY AND RELATED MEASURES: 1960 TO 1980

[1980 preliminary. See text, p. 376. Minus sign (—) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series D 689-704 and W 22-25]

ITEM	1960	1965	1970	1973	1974	1975	1976	1978	1979	1980
INDEXES (1977=100)										
Output, ¹ private business	53.6	67.9	78.5	92.0	90.2	88.5	94.1	104.7	107.7	106.8
Nonfarm business	52.6	67.3	78.1	91.9	90.1	88.1	94.0	104.9	107.7	106.8
Manufacturing	50.7	69.9	77.1	96.0	92.0	85.5	93.7	105.4	108.6	103.7
Hours, ² private business	82.3	86.8	91.2	97.0	97.4	93.4	96.1	104.9	108.4	107.8
Nonfarm business	77.1	83.7	90.0	96.4	96.8	92.7	95.9	105.1	108.8	108.3
Manufacturing	84.4	93.6	97.3	103.2	101.2	91.4	95.9	104.4	106.6	102.2
Output per paid hour, private business	65.1	78.2	86.1	94.8	92.7	94.8	97.9	99.8	99.4	99.1
Nonfarm business	68.2	80.4	86.7	95.3	93.1	95.0	98.1	99.8	99.0	98.6
Manufacturing	60.1	74.6	79.2	93.1	90.9	93.5	97.7	100.9	101.9	101.4
Compensation per hour, ³ pvt. business	33.9	41.7	58.2	71.3	78.0	85.5	92.9	108.4	119.2	131.1
Nonfarm business	35.6	42.8	58.6	71.7	78.4	86.0	93.0	108.5	118.8	130.5
Manufacturing	36.7	42.9	57.6	69.1	76.4	85.5	92.4	108.2	118.7	131.2
Unit labor cost, ⁴ private business	52.1	53.3	67.6	75.2	84.2	90.2	94.8	108.6	119.9	132.3
Nonfarm business	52.3	53.2	67.6	75.2	84.3	90.5	94.8	108.7	120.0	132.4
Manufacturing	61.1	57.4	72.7	74.2	84.1	91.4	94.6	107.3	116.5	129.4
ANNUAL PERCENT CHANGE ⁵										
Output, ¹ private business	1.6	6.8	— .8	6.6	— 1.9	— 1.9	6.3	4.7	2.8	— .8
Nonfarm business	1.5	6.9	— 1.0	6.9	— 1.9	— 2.2	6.7	4.9	2.7	— .9
Hours, ² private business	— 2	3.2	— 1.7	3.9	— 4	— 4.1	2.9	4.9	3.3	— .5
Nonfarm business	— 6	3.7	— 1.4	4.2	— 4	— 4.2	3.4	5.1	3.5	— .5
Output per paid hour, private business	1.5	3.5	— .9	2.7	— 2.3	2.3	3.3	— 2	— 4	— .3
Nonfarm business	8	3.1	— 3	2.5	— 2.4	2.1	3.2	— 2	— 8	— 4
Compensation per hour, ³ pvt. business	4.2	3.9	7.4	8.0	9.4	9.6	8.6	8.4	9.9	10.0
Nonfarm business	4.3	3.4	7.0	7.6	9.4	9.6	8.1	8.5	9.6	9.8
Unit labor cost, ⁴ private business	2.7	3	6.4	5.2	11.9	7.2	5.1	8.6	10.4	10.3
Nonfarm business	3.5	3	6.6	4.9	12.1	7.4	4.7	8.7	10.4	10.3

¹ Refers to gross domestic product originating in the sector, in 1972 prices. ² Hours of all persons engaged in the private business and nonfarm business sectors (employees, proprietors, and unpaid family workers); employees' and proprietors' hours in manufacturing. ³ Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of same for self-employed. ⁴ Hourly compensation divided by output per paid hour.

⁵ Changes for 1960, 1965, 1970, 1973, and 1978 are from the immediately prior year.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*.

NO. 672. OCCUPATIONS OF EMPLOYED WORKERS—PERCENT DISTRIBUTION, BY RACE: 1960 TO 1980

[Civilians 16 years old and over, except percent. See headnote, table 673, "N.e.c." means not elsewhere classified]

OCCUPATION	WHITE					BLACK AND OTHER				
	1960	1970	1975	1979	1980	1960	1970	1975	1979	1980
Total employed (1,000)	58,850	70,182	75,713	86,025	86,380	6,927	8,445	9,070	10,920	10,890
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	46.6	50.8	51.7	52.5	53.9	16.1	20.9	34.7	37.9	39.2
Professional, technical, and kindred ¹	12.1	14.8	15.5	15.9	16.5	4.8	9.1	11.4	12.2	12.7
Medical and other health	2.1	2.3	2.5	2.9	3.0	— .8	1.6	2.7	2.7	2.9
Teachers, except college	2.6	3.2	3.6	3.3	3.3	1.7	2.9	3.1	2.9	2.9
Managers and administrators, exc. farm	11.7	11.4	11.2	11.6	12.0	2.6	3.5	4.4	5.2	5.2
Salaried workers	5.9	8.4	9.0	9.6	9.9	— .9	2.1	3.4	4.3	4.3
Self-employed	5.8	3.0	2.2	2.0	2.1	1.7	1.4	1.0	1.3	— .9
Salesworkers	7.0	6.7	— .9	6.8	6.8	1.5	2.1	2.7	2.8	2.9
Retail trade	4.1	4.0	3.8	3.5	3.4	1.0	1.6	2.0	1.7	1.9
Clerical workers	15.7	18.0	18.1	18.2	18.6	7.3	13.2	15.7	17.7	18.4
Stenographers, typists, and secretaries	3.9	4.7	5.4	5.1	5.2	1.4	2.3	3.4	3.9	3.9
Blue-collar workers	36.2	34.5	32.4	32.6	31.1	40.1	42.2	37.4	36.7	35.8
Craft and kindred workers ¹	13.8	13.5	13.4	13.8	13.3	6.0	8.2	8.8	9.4	9.6
Carpenters	1.4	1.1	1.2	1.4	1.3	— .4	— .7	— .6	— .6	— .6
Constr. craftworkers, exc. carpenters	2.7	2.5	2.7	2.8	2.7	1.6	1.8	2.1	2.3	2.4
Mechanics and repairers	3.2	3.7	3.6	3.7	3.5	1.7	2.6	2.1	2.4	2.5
Metalcraft workers, except mechanics	1.8	1.6	1.4	1.4	1.4	— .6	— .8	— .8	1.9	1.0
Blue-collar supervisors, n.e.c.	1.9	2.0	1.7	1.9	1.8	— .4	— .9	1.0	— .9	1.2
Operatives	17.9	17.0	14.6	14.4	13.5	20.4	23.7	20.0	19.9	19.4
Operatives, except transport	(NA)	(NA)	10.9	10.8	10.1	(NA)	(NA)	15.0	15.1	14.5
Transport equipment operatives	(NA)	(NA)	3.7	3.6	3.4	(NA)	(NA)	5.0	4.8	4.9
Nonfarm laborers	4.4	4.1	4.4	4.5	4.3	13.7	10.3	8.7	7.4	6.9
Service workers	9.9	10.7	12	12.0	12.1	31.7	26.0	25.8	23.2	23.1
Private household workers	1.7	1.3	1.0	— .5	— .8	14.2	7.7	4.9	3.3	3.2
Service workers, exc. private household	8.2	9.4	11.3	11.1	11.3	17.5	18.3	20.9	19.9	19.9
Farmworkers	7.4	4.0	3.6	2.9	2.9	12.1	3.9	2.6	2.2	1.8
Farmers and farm managers	4.3	2.4	2.0	1.6	1.7	3.2	1.0	— .6	— .3	— .3
Farm laborers and supervisors	3.0	1.6	1.5	1.2	1.2	9.0	2.9	2.0	1.9	1.5

NA Not available. ¹ Includes occupations not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, and unpublished data.

No. 673. OCCUPATION OF EMPLOYED WORKERS, BY SEX: 1960 TO 1980

[Civilians 16 years old and over. Annual averages of monthly figures. Beginning 1975, not strictly comparable with prior years due to reclassification of occupations. White collar managers and administrators exclude persons on farms. For details, see text, p. 376. See *Historical Statistics, Colonial Times to 1970*, series D 182-232, for related but not comparable data]

OCCUPATION GROUP AND SEX	TOTAL EMPLOYED (1,000)						PERCENT DISTRIBUTION		
	1960	1965	1970	1975	1979	1980	1960	1970	1980
Total	65,778	71,088	78,627	84,783	96,945	97,270	100.0	100.0	100.0
White-collar workers.....	28,522	31,852	37,997	42,227	49,342	50,809	43.4	48.3	52.2
Professional and technical.....	7,469	8,872	11,140	12,748	15,050	15,613	11.4	14.2	16.1
Managers and administrators.....	7,067	7,340	8,289	8,891	10,516	10,919	10.7	10.5	11.2
Salesworkers.....	4,224	4,499	4,854	5,460	6,163	6,172	6.4	6.2	6.3
Clerical workers.....	9,762	11,141	13,714	15,128	17,813	18,105	14.8	17.4	18.6
Blue-collar workers.....	24,057	26,247	27,791	27,962	32,066	30,800	36.6	35.3	31.7
Craft and kindred workers.....	8,554	9,216	10,158	10,972	12,880	12,529	13.0	12.9	12.9
Operatives, exc. transport.....	11,950	13,345	13,909	13,937	10,909	10,346	18.2	17.7	16.6
Transport equipment operatives.....				3,219	3,612	3,468			3.6
Nonfarm laborers.....	3,553	3,686	3,724	4,134	4,665	4,456	5.4	4.7	4.6
Service workers.....	8,023	8,936	9,712	11,657	12,834	12,958	12.2	12.4	13.3
Farmworkers.....	5,176	4,053	3,126	2,936	2,703	2,704	7.9	4.0	2.8
Male	43,904	46,340	48,960	51,230	56,499	55,988	100.0	100.0	100.0
White-collar workers.....	16,423	17,746	20,054	21,134	23,306	23,741	37.4	41.0	42.4
Professional and technical.....	4,766	5,596	6,842	7,481	8,531	8,692	10.9	14.0	15.5
Managers and administrators.....	5,968	6,230	6,968	7,162	7,931	8,067	13.6	14.2	14.4
Salesworkers.....	2,544	2,641	2,763	3,137	3,384	3,377	5.8	5.6	6.0
Clerical workers.....	3,145	3,279	3,481	3,355	3,461	3,605	7.2	7.1	6.4
Blue-collar workers.....	20,420	22,107	23,020	23,220	26,154	25,110	46.5	47.0	44.8
Craft and kindred workers.....	8,332	8,947	9,826	10,472	12,143	11,776	19.0	20.1	21.0
Operatives, exc. transport.....	8,617	9,581	9,605	5,934	6,556	6,202	19.6	19.6	17.7
Transport equipment operatives.....				3,037	3,318	3,190			5.7
Nonfarm laborers.....	3,471	3,579	3,589	3,777	4,137	3,941	7.9	7.3	7.0
Service workers.....	2,844	3,194	3,285	4,400	4,823	4,919	6.5	6.7	8.8
Farmworkers.....	4,219	3,295	2,601	2,476	2,216	2,218	9.6	5.3	4.0
Female	21,874	24,748	29,667	33,553	40,446	41,283	100.0	100.0	100.0
White-collar workers.....	12,099	14,106	17,943	21,092	26,037	27,067	55.3	60.5	65.6
Professional and technical.....	2,703	3,276	4,298	5,267	6,519	6,920	12.4	14.5	16.8
Managers and administrators.....	1,099	1,110	1,321	1,729	2,586	2,852	5.0	4.5	6.9
Salesworkers.....	1,680	1,858	2,091	2,324	2,779	2,795	7.7	7.0	6.8
Clerical workers.....	6,617	7,862	10,233	11,772	14,152	14,501	30.3	34.5	35.1
Blue-collar workers.....	3,637	4,140	4,771	4,742	5,911	5,590	16.6	16.1	13.8
Craft and kindred workers.....	222	269	332	500	737	753	1.0	1.1	1.8
Operatives, exc. transport.....	3,333	3,764	4,303	3,703	4,353	4,144	15.2	14.5	10.0
Transport equipment operatives.....				182	294	278			1.7
Nonfarm laborers.....	82	107	136	357	527	516	.4	.5	1.2
Service workers.....	5,179	5,742	6,427	7,258	8,011	8,039	23.7	21.7	19.5
Farmworkers.....	957	758	525	460	487	486	4.4	1.8	1.2

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 674. OCCUPATION AND SEX OF EMPLOYED PERSONS, BY EMPLOYMENT STATUS OF THE PREVIOUS YEAR: 1978

[As of January. For persons 18 years old and over, not in school]

OCCUPATION	MALE					FEMALE				
	Em- ployed, Jan. 1978 (1,000)	Employment status, Jan. 1977 (percent)				Em- ployed, Jan. 1978 (1,000)	Employment status, Jan. 1977 (percent)			
		Same occu- pa- tion	Different occu- pa- tion	Unem- ployed	Not in labor force		Same occu- pa- tion	Different occu- pa- tion	Unem- ployed	Not in labor force
Total ¹	51,117	80.9	10.5	4.5	4.1	35,447	74.1	9.8	4.4	11.8
Prof., technical, and kindred workers.....	7,920	86.2	7.9	1.9	4.0	5,963	81.1	7.5	2.6	8.7
Managers and administrators ²	7,751	87.1	10.0	1.5	1.4	2,350	79.7	13.1	2.0	5.2
Sales workers.....	2,934	80.6	12.5	2.8	4.1	2,359	65.8	10.6	4.8	18.8
Retail sales.....	902	73.4	13.7	4.9	8.0	1,763	66.1	9.0	5.3	19.6
Clerical and kindred workers.....	3,223	78.8	12.0	3.8	5.4	12,433	74.7	11.0	4.2	10.2
Craft and kindred workers.....	11,059	82.5	9.7	4.7	3.0	594	75.0	12.5	3.4	9.1
Operatives, except transport.....	6,160	74.4	13.2	6.8	5.6	3,993	73.0	9.6	6.9	10.5
Transport equipment operatives.....	3,005	78.3	11.2	6.7	3.8	247	69.5	12.1	7.1	11.4
Nonfarm laborers.....	3,119	63.4	16.2	11.7	8.8	352	61.1	12.1	7.9	19.0
Service workers ³	3,957	76.7	9.9	7.2	6.3	5,913	69.0	8.0	5.4	17.5
Cleaning service.....	1,377	74.5	10.8	9.7	5.1	769	71.8	6.5	5.7	15.9
Food service.....	820	66.1	11.8	9.6	12.5	2,225	63.3	10.1	6.6	20.0
Health service.....	180	80.5	9.2	2.4	7.9	1,541	75.8	6.5	4.7	13.0
Personal service.....	353	85.2	3.2	4.7	6.9	1,269	69.4	6.2	4.2	20.2
Farm and farm managers.....	1,294	94.9	2.9	.5	1.6	84	86.0	6.9	—	7.1
Farm laborers and supervisors.....	671	76.7	10.5	6.1	6.7	223	75.1	7.6	2.5	14.9

— Represents zero or rounds to zero.
private households.

¹Includes other occupations, not shown separately.

²Except farm.

³Excluding

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report*, No. 231.

NO. 675. EMPLOYED PERSONS, BY SEX, RACE, AND OCCUPATION: 1972 AND 1980

[Civilians 16 years old and over. "N.e.c." means not elsewhere classified. See *Historical Statistics, Colonial Times to 1970*, series D 233-682, for similar data]

OCCUPATION	1972			1980		
	Total employed (1,000)	Percent		Total employed (1,000)	Percent	
		Female	Black and other ¹		Female	Black and other ¹
Total	81,702	38.0	10.6	97,270	42.4	11.2
Professional, technical, and kindred workers²	11,459	39.3	7.2	15,613	44.3	8.9
Accountants.....	714	21.7	4.3	1,047	36.2	8.2
Computer specialists.....	273	16.8	5.5	584	25.7	8.0
Engineers ²	1,102	.8	3.4	1,433	4.0	5.9
Civil.....	154	.6	5.2	180	3.3	7.8
Electrical and electronic.....	287	.7	5.2	357	3.9	6.7
Industrial.....	170	2.4	2.4	245	8.6	4.5
Mechanical.....	191	-	3.1	237	2.5	5.5
Lawyers and judges.....	320	3.8	1.9	547	12.8	4.2
Librarians, archivists, and curators.....	158	81.6	7.0	199	81.4	6.5
Life and physical scientists.....	230	10.0	7.8	301	20.3	9.6
Chemists.....	119	10.1	8.4	128	20.3	13.3
Personnel and labor relations workers.....	310	31.0	9.0	452	46.9	11.1
Physicians, dentists, and related practitioners ²	624	9.3	6.3	777	12.9	8.2
Dentists.....	107	1.9	5.6	140	4.3	5.0
Pharmacists.....	126	12.7	3.2	120	25.0	8.3
Physicians, medical and osteopathic.....	328	10.1	6.2	426	13.4	10.8
Registered nurses, dietitians, and therapists ²	949	92.6	8.1	1,574	93.3	11.9
Registered nurses.....	801	97.6	8.2	1,302	96.5	11.4
Therapists.....	115	59.1	4.3	213	73.7	11.7
Health technologists and technicians.....	315	69.5	11.1	571	70.8	11.2
Religious workers.....	292	11.0	10.6	315	11.4	6.7
Social scientists.....	141	21.3	5.7	278	36.0	5.4
Social and recreation workers.....	354	55.1	17.5	499	63.3	18.6
Teachers, college and university.....	461	28.0	7.2	552	33.9	7.1
Teachers, except college and university ²	2,841	70.0	9.2	3,157	70.8	9.9
Elementary.....	1,251	85.1	10.0	1,383	83.7	11.9
Prekindergarten and kindergarten.....	188	96.8	13.3	243	98.4	13.6
Secondary.....	1,114	49.8	8.3	1,243	52.1	7.9
Engineering and science technicians ²	828	9.1	5.2	1,095	17.8	8.8
Drafters.....	286	6.3	5.2	335	17.3	8.7
Electrical and electronic engineering technicians.....	164	5.5	6.1	260	12.3	11.2
Technicians, except health, engineering, and science.....	152	11.2	2.6	207	19.3	4.3
Vocational and educational counselors.....	134	50.0	11.9	181	55.8	17.7
Writers, artists, and entertainers ²	897	31.7	4.8	1,284	39.3	5.9
Athletes and kindred workers.....	78	30.8	6.4	113	42.5	6.2
Editors and reporters.....	163	41.1	4.3	194	50.0	5.7
Research workers, not specified.....	86	27.9	7.0	175	36.6	9.1
Managers and administrators, except farm²	8,031	17.6	4.0	10,919	26.1	5.2
Bank officers and financial managers.....	427	19.0	2.6	643	33.6	4.7
Buyers, wholesale and retail trade.....	161	32.9	4.3	190	42.6	4.7
Health administrators.....	118	46.6	7.6	210	48.1	8.1
Managers and superintendents, building.....	136	42.6	8.8	154	54.5	7.1
Office managers, n.e.c.....	315	41.9	1.0	452	66.6	2.9
Officials and administrators, public administration, n.e.c.....	309	20.4	9.1	426	28.6	10.8
Purchasing agents and buyers, n.e.c.....	181	13.3	3.3	244	28.3	5.7
Restaurant, cafeteria, and bar managers.....	494	32.4	8.9	672	39.4	9.4
Sales managers.....	570	15.6	1.4	705	25.7	4.5
School administrators.....	304	26.0	8.2	431	37.1	8.1
Sales workers²	5,354	41.6	3.6	6,172	45.3	5.1
Hucksters and peddlers.....	230	73.0	6.1	178	81.5	6.2
Insurance agents, brokers, and underwriters.....	441	11.6	3.4	532	25.2	6.2
Real estate agents and brokers.....	349	36.7	2.6	582	50.7	2.1
Stock and bond sales agents.....	101	9.9	2.0	134	16.4	2.2
Sales representatives, manufacturing industries.....	400	6.8	1.5	428	18.9	3.0
Sales representatives, wholesale trade.....	696	4.7	1.4	915	10.6	3.0
Sales clerks, retail trade.....	2,348	68.9	5.0	2,343	71.1	7.2
Salesworkers, except clerks, retail trade.....	430	13.0	2.6	519	19.5	3.7
Salesworkers, services and construction.....	136	29.4	2.2	222	41.9	7.2
Clerical and kindred workers²	14,247	75.6	8.7	18,105	80.1	11.1
Bank tellers.....	288	87.5	4.9	531	92.7	8.7
Billing clerks.....	149	84.6	6.7	163	90.2	8.0
Bookkeepers.....	1,584	87.9	3.6	1,904	90.5	5.5
Cashiers.....	998	86.6	8.0	1,554	86.6	10.8
Clerical supervisors, n.e.c.....	199	57.8	10.1	241	70.5	12.0
Counter clerks, except food.....	329	73.9	6.4	350	73.4	9.4
Estimators and investigators, n.e.c.....	348	43.4	4.9	534	56.2	10.7

See footnotes at end of table.

NO. 675. EMPLOYED PERSONS, BY SEX, RACE, AND OCCUPATION: 1972 AND 1980—Continued

[Civilians 16 years old and over. "N.e.c." means not elsewhere classified. See *Historical Statistics, Colonial Times to 1970*, series D 233-682, for similar data]

OCCUPATION	1972			1980		
	Total em- ployed (1,000)	Percent		Total em- ployed (1,000)	Percent	
		Female	Black and other ¹		Female	Black and other ¹
Clerical and kindred workers ²—Con.						
File clerks.....	272	84.9	18.0	324	86.4	21.6
Insurance adjusters, examiners, and investigators.....	108	34.3	6.5	174	57.5	10.9
Mail carriers, post office.....	270	6.7	14.1	244	11.1	11.5
Office machine operators ²	674	71.4	13.1	939	72.6	17.5
Computer and peripheral equipment operators.....	196	37.8	10.2	522	59.8	14.0
Key punch operators.....	283	89.8	15.5	266	95.9	21.8
Postal clerks.....	281	26.7	19.6	285	35.4	24.2
Receptionists.....	436	97.0	7.6	629	96.3	8.1
Secretaries.....	2,949	99.1	5.2	3,876	99.1	6.7
Shipping and receiving clerks.....	451	14.9	13.7	505	21.6	14.1
Statistical clerks.....	299	70.9	8.4	387	78.0	14.0
Stenographers.....	125	90.4	8.0	64	89.1	15.6
Stock clerks and storekeepers.....	511	22.9	12.5	533	32.5	12.4
Telephone operators.....	392	96.7	12.8	316	91.8	15.8
Typists.....	1,021	96.1	12.0	1,023	96.9	15.5
Craft and kindred workers.....	10,810	3.6	6.9	12,529	6.0	8.3
Carpenters.....	1,045	.5	5.9	1,185	1.5	5.7
Other construction craftworkers ²	2,248	.6	8.9	2,615	1.9	9.8
Brickmasons and stonemasons.....	176	—	14.2	168	—	16.1
Electricians.....	494	.6	3.2	648	1.2	5.7
Excavating, grading, and road machine operators.....	426	—	9.4	456	.9	9.6
Painters, construction and maintenance.....	428	1.9	10.1	469	6.0	11.3
Plumbers and pipe fitters.....	389	—	5.9	478	.6	9.2
Blue-collar worker supervisors, n.e.c.....	1,413	6.9	6.0	1,729	10.8	7.8
Machinists and jobsetters.....	471	.6	6.2	658	4.0	8.7
Metalcraft workers ²	624	1.9	5.6	638	3.9	7.5
Sheet metal workers and tinsmiths.....	149	.7	4.2	161	3.1	6.2
Tool and die makers.....	184	.5	2.2	176	2.8	2.3
Mechanics, automobile.....	1,033	.5	8.5	1,197	.7	9.1
Mechanics, except automobile ²	1,735	1.0	5.3	2,123	2.6	7.5
Air conditioning, heating, and refrigeration.....	174	—	6.3	207	.5	7.2
Aircraft.....	123	—	3.3	121	2.5	9.1
Heavy equipment.....	714	.7	5.2	963	1.6	6.9
Radio and television.....	124	.8	6.5	120	5.8	6.7
Printing craftworkers ²	397	14.9	5.5	409	22.7	8.8
Compositors and typesetters.....	177	16.4	6.8	174	34.5	6.9
Printing press operators.....	145	4.8	4.1	169	9.5	9.5
All other craftworkers ²	1,845	9.3	7.3	1,975	14.7	8.9
Bakers.....	114	28.9	18.4	133	42.9	10.5
Crane, derrick, and hoist operators.....	150	1.3	16.0	148	.7	17.6
Electric power line and cable operators.....	102	—	3.9	117	.9	8.5
Stationary engineers.....	190	1.1	5.8	182	1.1	9.3
Telephone installers and repairers.....	310	1.9	4.2	309	8.7	7.8
Operatives, except transport ².....	10,340	38.6	13.2	10,346	40.1	15.3
Assemblers.....	1,017	46.7	13.2	1,157	53.7	15.2
Checkers, examiners, and inspectors, manufacturing.....	685	48.5	8.8	736	51.6	12.4
Cutting operatives, n.e.c.....	238	27.7	16.0	267	28.5	16.1
Dressmakers and seamstresses, except factory.....	132	97.0	9.1	107	97.2	15.9
Garage workers and gas station attendants.....	502	4.6	8.4	337	6.2	9.8
Laundry and dry cleaning operatives, n.e.c.....	165	69.7	28.5	203	63.5	25.6
Meat cutters and butchers, except manufacturing.....	201	3.5	7.5	181	6.6	11.0
Mine operatives.....	142	.7	6.3	215	2.8	6.5
Packers and wrappers, exc. meat and produce.....	647	61.1	14.7	800	64.0	19.2
Painters, manufactured articles.....	178	14.6	14.6	181	17.1	13.3
Precision machine operatives.....	389	10.0	6.9	375	11.7	8.8
Punch and stamping press operatives.....	157	27.4	10.8	127	34.6	11.8
Sewers and stitchers.....	936	95.8	13.7	788	95.7	19.9
Textile operatives.....	424	55.2	15.8	323	58.2	22.6
Welders and flame cutters.....	554	3.6	10.1	692	5.3	11.4
Machine operatives.....	1,567	27.0	14.4	1,662	30.7	16.1
Transport equipment operatives ².....	3,209	4.2	14.8	3,468	8.0	15.3
Bus drivers.....	252	34.1	17.1	356	44.9	19.9
Delivery and route workers.....	892	2.5	10.4	584	6.7	9.9
Fork lift and tow motor operatives.....	303	1.0	22.1	366	4.1	19.4
Taxicab drivers and chauffeurs.....	166	9.0	24.1	162	9.9	25.3
Truck drivers.....	1,441	.6	14.4	1,844	2.2	14.2
Laborers, except farm ².....	4,217	6.3	20.2	4,456	11.6	16.9
Construction laborers, including carpenters' helpers.....	943	.5	22.4	851	2.8	16.6
Freight and material handlers.....	761	5.9	22.1	722	10.5	19.0
Gardeners and groundskeepers, except farm.....	544	2.2	20.0	601	5.2	16.3
Stockhandlers.....	723	16.9	10.2	941	23.5	12.2

See footnotes at end of table.

NO. 675. EMPLOYED PERSONS, BY SEX, RACE, AND OCCUPATION: 1972 AND 1980—Continued

[Civilians 16 years old and over. "N.e.c." means not elsewhere classified. See *Historical Statistics, Colonial Times to 1970*, series D 233-682, for similar data.]

OCCUPATION	1972			1980		
	Total employed (1,000)	Percent		Total employed (1,000)	Percent	
		Female	Black and other ¹		Female	Black and other ¹
Farmers and farm managers	1,688	5.9	3.3	1,485	10.6	2.6
Farm laborers and supervisors ²	1,381	32.1	15.1	1,218	27.0	13.3
Farm laborers, wage workers.....	886	15.3	21.9	895	15.6	16.9
Farm laborers, unpaid family workers.....	455	66.8	2.4	284	65.5	3.2
Service workers, except private household	9,529	57.0	10.5	11,917	58.9	18.2
Cleaning service workers.....	2,074	32.8	30.0	2,454	36.5	27.5
Food service workers ²	3,263	69.8	13.9	4,436	66.9	13.7
Cooks, except private household.....	866	62.2	21.4	1,331	53.3	18.4
Waiters.....	1,124	91.8	6.9	1,416	89.1	7.1
Health service workers ²	1,506	87.0	24.6	1,898	89.7	24.2
Health aides, except nursing, and trainees.....	157	79.6	21.0	290	84.1	22.1
Nursing aides, orderlies, and attendants.....	912	83.4	26.9	1,093	87.5	28.8
Practical nurses.....	343	96.5	25.7	375	97.3	19.2
Personal service workers ²	1,542	71.5	13.1	1,733	76.4	15.2
Barbers.....	157	4.5	12.7	108	15.7	13.0
Child care workers, except private household.....	356	95.8	14.0	432	96.1	16.2
Hairdressers and cosmetologists.....	498	91.2	7.2	565	88.3	9.7
Protective service workers ²	1,144	5.7	10.4	1,396	9.5	11.7
Firefighters.....	200	.5	4.0	227	1.3	7.9
Guards.....	412	4.6	15.5	548	12.4	16.8
Police and detectives.....	416	2.6	8.4	512	5.5	8.4
Private household workers ²	1,437	97.6	40.6	1,041	97.5	33.2
Child care workers.....	543	98.0	9.9	431	98.8	8.6
Cleaners and servants.....	713	97.2	64.2	491	96.9	53.4

- Represents zero or rounds to zero. ¹ Other than White. ² Includes occupations not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, October 1973 and January 1981.

NO. 676. AVERAGE WEEKLY EARNINGS IN CURRENT AND CONSTANT (1977) DOLLARS, PRIVATE NONAGRICULTURAL AND MANUFACTURING INDUSTRIES: 1960 TO 1981

[In dollars. Includes overtime. Based on reports from employing establishments and relate to full- and part-time wage and salary workers in nonagricultural establishments who worked during, or received pay for, any part of the pay period which includes the 12th of the month. See headnote, table 678. See *Historical Statistics, Colonial Times to 1970*, series D 804, for average weekly earnings in manufacturing.]

YEAR	PRIVATE NONAGRICULTURAL						MANUFACTURING					
	Current dollars			Constant (1977) dollars ²			Current dollars			Constant (1977) dollars ²		
	Gross weekly earnings	Spendable weekly earnings ¹ for—		Gross weekly earnings	Spendable weekly earnings ¹ for—		Gross weekly earnings	Spendable weekly earnings ¹ for—		Gross weekly earnings	Spendable weekly earnings ¹ for—	
		Worker with no dependents	Worker with 3 dependents		Worker with no dependents	Worker with 3 dependents		Worker with no dependents	Worker with 3 dependents		Worker with no dependents	Worker with 3 dependents
1960.....	80.7	65.6	73.0	165.0	134.1	149.2	89.7	72.6	80.1	183.5	148.4	163.8
1965.....	95.5	79.3	86.6	183.2	152.3	166.3	107.5	89.1	96.8	206.4	171.0	185.8
1970.....	119.8	96.2	104.9	186.9	150.1	163.7	133.3	106.3	115.6	208.0	165.9	180.3
1973.....	145.4	117.5	127.4	198.4	160.3	173.8	166.5	132.6	143.5	227.1	180.9	195.8
1974.....	154.8	124.4	134.6	190.1	152.8	165.4	176.8	140.2	151.6	217.2	172.2	186.2
1975.....	163.5	132.5	145.7	184.2	149.2	164.0	190.8	151.6	168.3	214.9	170.7	187.3
1976.....	175.5	143.3	155.9	186.9	152.6	166.0	209.3	167.8	161.3	222.9	178.7	193.1
1977.....	189.0	155.2	169.9	189.0	155.2	169.9	228.9	183.8	200.1	228.9	183.8	200.1
1978.....	203.7	165.4	180.7	189.3	153.7	168.0	249.3	197.4	214.9	231.7	183.5	199.7
1979.....	219.9	178.0	194.8	183.4	148.5	162.5	269.3	212.7	232.4	224.6	177.4	193.8
1980.....	235.1	188.8	206.4	172.7	138.7	151.7	288.6	225.8	247.0	212.1	165.9	181.5
1981, Jan.-May ³	249.4	197.5	216.0	170.8	135.3	147.9	311.2	239.4	262.4	213.1	163.9	179.7

¹ Average gross weekly earnings less social security and Federal income taxes. ² Earnings in current dollars divided by the Consumer Price Index on a 1977 base. ³ Preliminary.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 677. ANNUAL PERCENT CHANGES IN EARNINGS AND COMPENSATION: 1970 TO 1980

ITEM	1970-1971	1971-1972	1972-1973	1973-1974	1974-1975	1975-1976	1976-1977	1977-1978	1978-1979	1979-1980
Current dollars:										
Hourly earnings, total ¹	6.8	7.2	6.5	7.6	6.8	7.3	8.0	8.4	8.3	8.1
Hourly earnings, manufacturing.....	6.6	7.0	7.1	8.1	9.3	8.1	8.8	8.6	8.6	8.5
Spendable weekly earnings ^{1 2}	7.2	8.2	4.7	5.7	8.2	7.0	9.0	6.3	7.8	5.9
Compensation per employee-hour ¹	6.6	6.6	7.6	9.3	9.6	8.0	7.6	8.4	9.6	9.8
Constant (1977) dollars:										
Hourly earnings, total ¹	2.4	3.9	.4	-3.2	-2.1	1.6	1.4	.8	-2.8	-4.9
Hourly earnings, manufacturing.....	2.1	3.7	.7	-2.7	.2	2.2	2.2	.9	-2.4	-4.5
Spendable weekly earnings ^{1 2}	2.8	4.8	-1.5	-4.8	-8	1.2	2.4	-1.2	-3.3	-6.7
Compensation per employee-hour ¹	2.3	3.2	1.3	-1.5	.5	2.2	1.1	.7	-1.5	-3.2
Consumer Price Index ³	4.3	3.3	6.2	11.0	9.1	5.8	6.5	7.7	11.3	13.5

¹ Nonfarm business sector. ² Married worker with 3 dependents.³ See text, p. 457 and table 779.Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*.

No. 678. HOURLY AND WEEKLY EARNINGS, BY INDUSTRY GROUP: 1970 TO 1981

[1981 preliminary. For private industry only; weekly earnings include overtime. Data are for production and related workers in mining and manufacturing, construction, and nonsupervisory employees in other industries. Excludes agriculture. See headnote, table 566. See also *Historical Statistics, Colonial Times to 1970*, series D 877-892]

INDUSTRY GROUP	CURRENT DOLLARS						CONSTANT (1977) DOLLARS					
	1970	1975	1978	1979	1980	1981, Jan.-May	1970	1975	1978	1979	1980	1981, Jan.-May
Gross hourly earnings.....	3.23	4.53	5.69	6.16	6.66	7.10	5.04	5.10	5.29	5.14	4.89	4.86
Manufacturing.....	3.35	4.83	6.17	6.70	7.27	7.82	5.23	5.44	5.73	5.59	5.34	5.36
Mining.....	3.85	5.95	7.67	8.49	9.17	9.77	6.01	6.70	7.13	7.08	6.74	6.69
Construction.....	5.24	7.31	8.66	9.27	9.92	10.45	8.17	8.23	8.05	7.73	7.29	7.16
Transportation, public utilities.....	3.85	5.88	7.57	8.15	8.87	9.47	6.01	6.62	7.04	6.81	6.52	6.49
Wholesale trade.....	3.44	4.73	5.88	6.39	6.96	7.42	5.37	5.33	5.46	5.33	5.11	5.08
Retail trade.....	2.44	3.36	4.20	4.53	4.88	5.21	3.81	3.78	3.90	3.78	3.59	3.57
Finance, insurance, real estate.....	3.07	4.06	4.89	5.27	5.78	6.19	4.79	4.57	4.54	4.40	4.25	4.24
Services.....	2.81	4.02	4.99	5.36	5.85	6.28	4.38	4.53	4.64	4.47	4.30	4.30
Gross weekly earnings.....	120	164	204	220	235	249	187	185	190	183	173	171
Manufacturing.....	134	191	249	269	289	311	209	215	231	224	212	213
Mining.....	164	249	333	365	396	422	256	280	309	304	291	289
Construction.....	195	286	319	343	367	381	304	300	296	286	270	261
Transportation, public utilities.....	156	233	303	326	351	373	243	262	282	272	258	255
Wholesale trade.....	137	183	228	248	268	285	214	206	212	207	197	195
Retail trade.....	82	109	130	139	147	155	128	123	121	116	108	106
Finance, insurance, real estate.....	113	148	178	191	209	225	176	167	165	159	154	154
Services.....	97	135	164	175	191	204	151	152	152	146	140	140

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 679. NUMBER OF WORKERS WITH EARNINGS, AND MEDIAN EARNINGS, BY OCCUPATION OF LONGEST JOB HELD AND SEX: 1979

[Covers civilians 15 years old and over as of March 1980. For definition of median, see Guide to Tabular Presentation]

MAJOR OCCUPATION GROUPS OF LONGEST JOB HELD	ALL WORKERS				YEAR-ROUND FULL TIME				RATIO: WOMEN TO MEN	
	Women		Men		Women		Men		Num-ber	Median earnings
	Num-ber (1,000)	Median earnings	Num-ber (1,000)	Median earnings	Num-ber (1,000)	Median earnings	Num-ber (1,000)	Median earnings		
Total.....	49,839	\$5,992	63,422	\$13,034	21,647	\$10,169	41,779	\$17,045	.52	.60
Professional, technical, and kindred workers.....	7,897	10,581	9,169	19,189	4,129	13,701	7,241	21,310	.57	.64
Managers and administrators, exc. farm.....	3,232	9,454	8,298	20,454	2,185	11,705	7,131	21,835	.31	.54
Sales workers.....	3,395	3,119	3,689	12,556	907	8,880	2,463	17,084	.37	.52
Clerical and kindred workers.....	16,743	7,056	3,984	12,500	8,449	9,855	2,663	16,503	3.17	.60
Craft and kindred workers.....	836	7,349	13,257	14,859	445	10,585	9,158	17,106	.05	.62
Operatives, incl. transport workers.....	5,551	6,404	10,769	12,080	2,492	8,562	6,826	14,921	.37	.57
Private household workers.....	1,459	1,309	36	(b)	159	3,618	3	(b)	53.00	(x)
Laborers, except farm.....	718	4,147	5,502	5,294	205	8,985	1,972	11,974	.10	.75
Service workers, exc. private household.....	9,445	3,210	6,175	6,033	2,575	7,487	2,833	11,923	.91	.63
Farmers and farm managers.....	142	2,278	1,365	8,033	56	(b)	1,074	10,179	.05	.55
Farm laborers and supervisors.....	420	1,458	1,167	3,185	45	(b)	415	7,358	.11	(x)

B Base less than minimum required for reliability. X Not applicable.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 127

NO. 680. PRODUCTION WORKERS, MANUFACTURING INDUSTRIES—HOURS AND GROSS EARNINGS, BY STATES: 1972 TO 1980

STATE	AVERAGE HOURLY EARNINGS (dollars)					AVERAGE WEEKLY EARNINGS (dollars)					AVERAGE WEEKLY HOURS				
	1972	1975	1978	1979	1980	1972	1975	1978	1979	1980	1972	1975	1978	1979	1980
U.S.	3.82	4.83	6.17	6.70	7.27	155	191	249	269	289	40.5	39.5	40.4	40.2	39.7
N. Eng.:															
Maine.....	3.03	3.81	4.91	5.42	6.00	123	152	197	217	240	40.7	39.9	40.2	40.1	40.0
N.H. ¹	3.20	3.97	4.94	5.37	5.87	127	155	199	215	234	39.8	39.1	40.3	40.1	39.8
Vt.....	3.28	4.07	5.10	5.53	6.14	136	164	209	226	249	41.5	40.4	41.0	40.8	40.6
Mass.....	3.65	4.48	5.54	5.98	6.51	146	175	223	240	258	40.1	39.1	40.2	40.1	39.6
R.I.....	3.15	3.84	4.71	5.10	5.59	125	149	183	199	220	39.5	38.9	38.9	39.1	39.3
Conn.....	3.87	4.78	5.96	6.43	7.08	161	194	250	270	296	41.5	40.5	42.0	42.0	41.8
Mid. Atl.:															
N.Y.....	3.98	4.91	6.08	6.57	7.18	158	191	242	260	283	39.6	38.9	39.8	39.6	39.4
N.J. ²	3.99	4.99	6.28	6.72	7.31	163	200	256	278	300	40.9	39.9	40.8	41.4	41.0
Pa.....	3.88	4.98	6.37	6.97	7.59	154	193	255	278	294	39.8	38.8	40.0	39.9	38.8
E. No. Cent.:															
Ohio.....	4.45	5.57	7.29	7.84	8.57	185	225	307	325	348	41.6	40.3	42.1	41.5	40.6
Ind.....	4.35	5.49	7.17	7.79	8.49	179	219	295	316	338	41.1	39.8	41.2	40.5	39.8
Ill. ³	4.28	5.53	6.76	7.30	8.04	176	219	271	297	320	41.0	39.7	40.1	40.7	39.8
Mich.....	(NA)	(NA)	8.13	8.73	9.52	(NA)	(NA)	350	360	382	(NA)	(NA)	43.0	41.2	40.1
Wis.....	4.15	5.26	6.69	7.27	8.03	171	212	274	297	323	41.3	40.4	41.0	40.9	40.2
W. No. Cent.:															
Minn.....	4.00	5.10	6.44	6.93	7.61	163	200	259	277	300	40.7	39.2	40.2	40.0	39.4
Iowa.....	(NA)	(NA)	7.02	7.75	8.67	(NA)	(NA)	282	314	343	(NA)	(NA)	40.1	40.5	39.6
Mo.....	3.78	4.80	6.21	6.70	7.26	150	187	248	265	285	39.8	39.0	40.0	39.5	39.2
N. Dak.....	3.31	4.31	5.55	5.98	6.55	133	172	220	234	246	40.2	39.9	39.7	39.1	37.5
S. Dak.....	(NA)	4.21	5.19	5.70	6.50	(NA)	171	216	239	267	(NA)	40.7	41.7	41.9	41.0
Nebr.....	3.55	4.68	5.89	6.53	7.36	148	188	240	270	298	41.7	40.5	41.1	41.3	40.5
Kans.....	(NA)	(NA)	(NA)	6.71	7.34	(NA)	(NA)	(NA)	273	296	(NA)	(NA)	(NA)	40.7	40.3
So. Atl.:															
Del.....	4.04	5.02	6.58	7.04	7.58	162	197	263	278	306	40.1	39.3	40.0	39.5	40.4
Md. ²	3.92	5.04	6.46	7.09	7.61	158	197	258	284	301	40.2	39.1	39.9	40.0	39.6
D.C. ⁴	(NA)	5.52	6.72	7.74	8.46	(NA)	213	263	303	332	(NA)	38.5	39.1	39.2	39.3
Va. ⁵	3.10	3.99	5.11	5.58	6.22	126	156	203	222	244	40.8	39.2	39.8	39.7	39.3
W. Va.....	3.87	4.93	6.68	7.41	8.08	155	192	265	293	317	40.0	39.0	39.6	39.6	39.2
N.C.....	2.77	3.52	4.47	4.87	5.37	113	135	178	193	211	40.7	38.4	39.8	39.6	39.3
S.C.....	2.80	3.59	4.66	5.10	5.59	116	141	190	208	225	41.4	39.4	40.8	40.8	40.3
Ga.....	3.04	3.80	4.88	5.30	5.77	125	150	196	214	232	41.0	39.5	40.1	40.4	40.2
Fla.....	3.20	4.11	5.07	5.48	5.98	132	164	2.97	222	244	41.2	40.0	40.9	40.5	40.8
E. So. Cent.:															
Ky.....	3.70	4.77	6.26	6.77	7.34	149	185	248	267	287	40.4	36.7	39.6	39.4	39.1
Tenn.....	3.07	3.93	5.13	5.56	6.08	125	156	203	221	241	40.6	39.8	39.6	39.7	39.7
Ala.....	3.25	4.10	5.40	5.95	6.49	133	162	219	242	260	41.0	39.5	40.6	40.7	40.1
Miss.....	2.75	3.58	4.56	4.95	5.44	113	141	182	196	214	41.1	39.3	39.9	39.6	39.3
W. So. Cent.:															
Ark.....	2.79	3.69	4.72	5.19	5.71	112	143	186	206	224	40.2	38.8	39.3	39.6	39.3
La.....	(NA)	4.88	6.42	6.97	7.74	(NA)	209	267	288	319	(NA)	42.8	41.6	41.3	41.2
Okla.....	3.49	4.45	5.81	6.53	7.36	141	178	234	264	295	40.5	40.0	40.2	40.5	40.1
Tex.....	(NA)	(NA)	5.88	6.46	7.15	(NA)	(NA)	243	266	295	(NA)	(NA)	41.3	41.1	41.2
Mt.:															
Mont.....	(NA)	5.53	7.81	8.44	8.78	(NA)	210	333	362	379	(NA)	38.0	42.7	42.9	43.2
Idaho.....	3.69	4.77	6.53	6.92	7.55	145	185	253	265	280	39.4	38.8	38.8	38.3	37.1
Wyo.....	3.45	4.92	6.18	6.68	7.35	133	190	239	251	291	38.6	38.6	38.6	37.6	39.6
Colo.....	(NA)	(NA)	6.21	6.93	7.59	(NA)	(NA)	244	274	301	(NA)	(NA)	39.3	39.5	39.7
N. Mex.....	2.88	3.63	4.79	5.36	5.79	115	142	188	212	230	40.1	39.0	39.2	39.5	39.8
Ariz.....	3.85	4.85	6.03	6.62	7.29	156	189	243	269	292	40.5	39.0	40.3	40.6	40.1
Utah.....	3.62	4.61	5.88	6.29	7.01	140	176	224	245	274	38.5	38.1	39.5	39.0	39.1
Nev.....	4.46	5.26	6.54	6.95	7.72	179	201	252	268	295	40.2	38.2	38.5	38.5	38.2
Pac.:															
Wash.....	4.54	5.82	7.56	8.39	9.41	180	225	297	324	362	39.6	38.7	39.3	38.6	38.5
Oreg.....	4.30	5.53	7.23	7.92	8.65	169	212	282	305	330	39.4	38.4	39.0	38.5	38.1
Calif.....	4.25	5.22	6.43	7.03	7.70	170	206	258	281	304	40.1	39.4	40.1	39.9	39.5
Alaska ¹	5.92	8.09	8.86	9.14	10.22	237	296	376	401	436	40.1	36.6	42.4	43.9	42.7
Hawaii.....	3.59	4.68	5.90	6.38	6.83	142	183	228	244	258	39.5	39.1	38.6	38.3	37.8

NA Not available. ¹Data beginning with year noted are not comparable with prior years. ²Adjusted to March 1979 benchmark levels. ³Adjusted to Dec. 1979 benchmark levels. ⁴Represents Washington, D.C. Standard Metropolitan Statistical Area; data not comparable over years shown. ⁵Adjusted to Dec. 1978 benchmark levels.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly. Compiled from data supplied by cooperating State agencies.

NO. 681. MEDIAN WEEKLY EARNINGS OF FULL-TIME WAGE AND SALARY WORKERS, BY SELECTED CHARACTERISTIC: 1970 TO 1980

[In current dollars of usual weekly earnings. For 1970-1978, as of May. Beginning 1979 data represent annual average. Due to changes in data collection procedures, data for 1979 and 1980 are not strictly comparable with earlier years. For definition of median, see Guide to Tabular Presentation]

CHARACTERISTIC	1970	1974	1975	1976	1977	1978	CHARACTERISTIC	1979	1980
All workers.....	\$130	\$169	\$185	\$197	\$212	\$227	All workers.....	\$244	\$266
Male.....	151	204	221	234	253	272	Male.....	298	322
16-24 years old.....	112	146	149	159	168	185	16-24 years old.....	201	214
25 years and over.....	160	219	235	251	273	294	25 years and over.....	322	346
Never-married.....	113	144	153	161	173	190	Female.....	186	204
Husbands.....	159	216	234	248	272	293	16-24 years old.....	153	171
Other marital status.....	139	194	205	224	239	263	25 years and over.....	197	217
Female.....	94	124	137	145	156	166	Husbands.....	324	349
16-24 years old.....	88	111	117	125	133	142	Wives.....	189	208
25 years and over.....	96	131	146	154	165	175	Women who maintain families.....	190	210
Never-married.....	95	120	132	141	150	159	Men who maintain families.....	301	314
Wives.....	95	126	139	147	158	167	White.....	249	273
Other marital status.....	91	123	138	146	158	168	Male.....	306	329
White.....	134	173	190	202	217	232	Female.....	187	206
Male.....	157	209	225	239	259	279	Black.....	204	219
Female.....	95	125	138	147	157	167	Male.....	233	247
Black and other.....	99	140	156	162	171	186	Female.....	174	190
Male.....	113	160	173	187	201	218	Hispanic origin.....	197	214
Female.....	81	117	130	138	147	158	Male.....	226	238
Occupation:							Female.....	156	177
Prof. and technical.....	181	228	246	256	277	294	Occupation:		
Managers, administ'rs ¹	190	250	274	289	302	323	Professional and technical.....	316	341
Salesworkers.....	133	172	189	198	225	232	Managers, administrators ¹	349	380
Clerical workers.....	109	140	150	158	167	175	Salesworkers.....	254	279
Craft and kindred wkrs.....	157	211	223	239	259	279	Clerical workers.....	195	215
Operatives, except transport.....	(NA)	141	157	162	171	191	Craft and kindred workers.....	303	328
Transport equipment operatives.....	(NA)	180	198	214	231	249	Operatives, exc. transport.....	211	225
Nonfarm laborers.....	110	149	154	161	181	193	Transport equipment operatives.....	272	286
Private household wkrs.....	38	50	54	60	59	59	Nonfarm laborers.....	206	220
Other service workers.....	87	117	123	134	142	152	Service workers.....	164	180
Farmworkers.....	71	107	111	120	127	139	Farmworkers.....	157	169

NA Not available. ¹ Excludes farm.

Source: U.S. Bureau of Labor Statistics, *News*, Oct. 12, 1978, Mar. 27, 1980, Mar. 5, 1981, and unpublished data.

NO. 682. PERCENT INCREASE IN AVERAGE SALARIES FOR SELECTED OCCUPATIONS IN PRIVATE INDUSTRY: 1971 TO 1980

[Based on sample and subject to sampling variability. Relates to metropolitan areas and nonmetropolitan counties in U.S. except Alaska and Hawaii. Minimum employment sizes of establishments studied were: 250 or more in mining, construction, retail trade, most manufacturing industries, and selected transportation industries; and 100 or more in selected manufacturing industries, and transportation, communication, electric, gas, and sanitary services, and in wholesale trade, finance, insurance, and real estate, and selected services; and 50 or more in accounting, auditing, and bookkeeping services. When changes made in survey coverage, year-to-year percent changes were based on data adjusted to represent same coverage in both years]

OCCUPATIONAL GROUP	1971-1972 ¹	1972-1973	1973-1974	1974-1975	1975-1976	1976-1977	1977-1978	1978-1979	1979-1980
Accountants.....	5.6	4.9	6.1	9.8	6.4	7.8	8.3	8.0	9.2
Auditors.....	5.5	5.2	5.2	6.8	5.5	6.8	8.2	6.5	8.8
Chief accountants.....	3.9	5.8	7.2	8.6	6.6	10.5	8.0	7.7	11.3
Attorneys.....	6.1	6.3	5.8	7.6	8.1	5.4	9.1	8.9	9.3
Buyers.....	6.3	5.0	6.0	9.2	6.7	7.0	7.8	7.0	8.1
Job analysts.....	6.8	5.2	6.1	7.5	6.0	6.5	7.2	8.6	8.1
Personnel directors.....	3.9	7.5	7.2	6.1	7.8	9.1	10.0	7.5	11.2
Chemists.....	5.1	3.7	7.1	10.1	6.6	7.0	9.0	7.6	9.8
Engineers.....	5.2	5.1	5.4	8.4	6.8	6.4	9.0	8.4	9.8
Engineering technicians.....	5.1	4.7	6.0	9.0	8.1	7.2	7.1	7.6	11.0
Drafters.....	7.2	6.2	6.7	8.0	7.4	6.0	7.1	(NA)	11.8
Clerical.....	6.1	5.4	6.4	9.6	7.3	6.6	7.4	7.8	8.3

NA Not available. ¹ Data for the 9-month period, June 1971-March 1972, have been prorated to represent a 12-month period.

Source: U.S. Bureau of Labor Statistics, *National Survey of Professional, Administrative, Technical, and Clerical Pay*, Bulletin No. 2081.

NO. 683. ANNUAL PERCENT INCREASE IN AVERAGE PAY FOR SELECTED OCCUPATIONS AND IN CONSUMER PRICES: 5-YEAR PERIODS, 1968 TO 1980

[5-year periods begin and end in January of years shown, except as noted]

OCCUPATION	1968-1973	1969-1974	1970-1975	1971-1976	1972-1977	1973-1978	1974-1979	1975-1980
Private industry:								
Professional, administrative, technical, and clerical employees, average salaries: ¹								
Clerical and beginning technicians.....	5.9	6.1	6.7	6.9	7.1	7.5	7.7	7.7
Entry and development professional levels, and advanced technical levels.....	5.7	5.6	6.1	6.1	6.3	7.0	7.4	7.7
Fully experienced professional working levels, supervisors of professional and program administrative levels.....	6.0	6.0	5.5	6.6	7.0	7.6	8.0	8.1
Production and nonsupervisory workers, nonagricultural:								
Average hourly earnings adjusted for overtime ² (mfg. only) and interindustry employment shifts.....	6.6	6.6	7.1	7.2	7.3	7.7	8.1	7.8
Police and firefighters: ³ Minimum annual salary scales.....	7.3	6.5	6.0	6.3	6.0	6.1	6.1	6.3
Maximum annual salary scales.....	8.1	7.4	7.1	7.3	6.9	6.6	6.5	6.6
Urban public classroom teachers, avg. annual salaries ⁴	⁵ 6.8	⁶ 6.8	⁷ 7.0	7.0	⁸ 6.9	6.9	⁹ 6.3	6.5
Federal general schedule employees: ⁹								
Average annual salary rates.....	7.4	6.0	5.7	5.5	5.0	5.4	5.7	6.0
Average annual salaries.....	9.1	6.5	5.9	5.7	5.3	5.9	6.4	6.6
Consumer Price Index for all Urban Consumers.....	4.6	5.5	6.6	6.9	7.3	8.0	7.9	8.4

¹For further details, see *National Survey of Professional, Administrative, Technical, and Clerical Pay*, Bulletin No. 2081.

²Data are subject to annual benchmark revision and are not seasonally adjusted. ³For cities of 100,000 population or more in 1970. ⁴For cities of 100,000 population or more in 1970, and counties of this size in standard metropolitan statistical areas with county-wide school systems. ⁵1969-73 data. ⁶1971-75 data. ⁷1973-77 data. ⁸1975-79 data. ⁹For 1968 to 1971, as of July 1; and for 1972 to 1980, as of April 1. Rates show statutory changes and effect of changes in proportion of workers at each step within salary ranges for individual grades. Salaries measure effect of statutory changes in basic pay scales and in grade salary increases, and also changes in proportion of workers in various grades.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, January and March 1981.

NO. 684. EFFECTIVE FEDERAL MINIMUM HOURLY WAGE RATES, 1950 TO 1981, AND COVERAGE IN 1980

[Employee estimates as of September 1980, except as indicated. The Fair Labor Standards Act of 1938 and subsequent amendments provide for minimum wage coverage applicable to specified nonsupervisory employment categories. Exempt from coverage are executives and administrators or professionals]

EFFECTIVE DATE	MINIMUM RATES FOR NONFARM WORKERS			Minimum rates for farm workers ⁴	SEX, RACE, AND INDUSTRY	NONSUPERVISORY EMPLOYEES, 1980				
	Laws prior to 1966 ¹	Per cent, avg. earnings ²	1966 and later ³			Total (1,000)	Subject to minimum wage rates			
							Total (1,000)	Per cent of total	Prior to 1966 ⁶ (1,000)	1966 and later (1,000) ^{3,6,7}
Jan. 25, 1950	\$.75	54	(X)	(X)	Total.....	76,735	60,191	78.4	43,370	16,821
Mar. 1, 1956	1.00	52	(X)	(X)	Male	42,754	33,763	79.0	25,998	7,765
Sept. 3, 1961	1.15	50	(X)	(X)	Female	33,981	26,428	77.8	17,372	9,056
Sept. 3, 1963	1.25	51	(X)	(X)	White	67,469	52,947	78.5	38,753	14,194
Feb. 1, 1967	1.40	50	\$1.00	\$1.00	Black and other.....	9,266	7,244	78.2	4,617	2,627
Feb. 1, 1968	1.60	54	1.15	1.15	Black only.....	8,452	6,620	78.3	4,221	2,399
Feb. 1, 1969	(⁵)	(⁵)	1.30	1.30	Private industry	66,875	57,575	86.1	43,370	14,205
Feb. 1, 1970	(⁵)	(⁵)	1.45	(⁵)	Agriculture	1,438	586	40.8	-	586
Feb. 1, 1971	(⁵)	(⁵)	1.60	(⁵)	Mining	908	904	99.6	904	-
May 1, 1974	2.00	46	1.90	1.60	Construction.....	4,213	4,192	99.5	3,473	719
Jan. 1, 1975	2.10	45	2.00	1.80	Manufacturing	17,916	17,422	97.2	17,320	102
Jan. 1, 1976	2.30	46	2.20	2.00	Transp., public utilities..	4,580	4,547	99.3	4,453	94
Jan. 1, 1977	(⁵)	(⁵)	2.30	2.20	Wholesale trade.....	4,538	3,618	79.7	3,383	235
Jan. 1, 1978	2.65	44	2.65	2.65	Retail trade.....	13,866	11,519	83.1	5,889	5,630
Jan. 1, 1979	2.90	45	2.90	2.90	Finance, insurance, real estate.....	4,438	3,366	75.8	3,233	133
Jan. 1, 1980	3.10	45	3.10	3.10	Service.....	13,553	10,458	77.2	4,715	5,743
Jan. 1, 1981	3.35	43	3.35	3.35	Private households.....	1,425	963	67.6	-	963
					Government ⁸	9,860	2,616	26.5	-	2,616

- Represents zero. X Not applicable. ¹Applies to workers covered prior to 1961 Amendments and, after Sept. 1965, to workers covered by 1961 Amendments. Rates set by 1961 Amendments were: Sept. 1961, \$1.00; Sept. 1964, \$1.15; and Sept. 1965, \$1.25. ²Percent of gross average hourly earnings of production workers in manufacturing. ³Applies to workers newly covered by Amendments of 1966, 1974, and 1977, and Title IX of Education Amendments of 1972. ⁴Included in coverage as of 1966, 1974, and 1977 Amendments. ⁵No change in rate. ⁶Currently employed workers subject to criteria in effect prior to 1966 Amendments, except workers in retail-service establishments with less than \$250,000, who otherwise would have been exempt prior to the 1966 Amendments, are included if part of enterprises subject under criteria established prior to the 1966 Amendments. ⁷Currently employed workers subject to provisions. ⁸Federal, State, and local employees.

Source: U.S. Department of Labor, Employment Standards Administration, *Minimum Wage and Maximum Hours Standards Under the Fair Labor Standards Act*, 1981, annual.

NO. 685. MINIMUM HOURLY UNION WAGE RATES—INDEXES AND AVERAGES, SELECTED TRADES: 1960 TO 1979

[As of **first working day** in **July**, except as noted. Data for 1960 exclude Alaska. Indexes of rates reflect changes in minimum hourly wage scales. Year-to-year changes in union scales are based on comparable quotations for each trade weighted by membership for current year. Average wage rates show current levels and should not be used for precise year-to-year comparisons because of fluctuations in membership in the classifications studied. See also *Historical Statistics, Colonial Times to 1970*, series D 818-829]

TRADE	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
INDEXES (1967 = 100)												
Building trades	75.4	90.9	129	144	153	161	173	188	201	212	224	240
Journeyman.....	75.5	90.9	129	144	153	161	173	188	200	212	224	240
Helpers and laborers.....	74.0	90.8	128	144	152	161	175	189	202	215	227	243
Printing trades ¹	80.6	93.0	121	134	144	153	166	180	192	205	219	(NA)
Book and job ²	80.3	93.5	121	134	144	155	166	181	193	207	222	(NA)
Newspaper.....	81.1	92.5	121	133	144	152	165	179	192	204	215	(NA)
Motortruck drivers and helpers ³	75.4	91.2	123	138	152	163	177	190	206	224	(NA)	265
Local transit operators	73.9	89.8	125	136	145	155	173	193	205	220	233	253
AVERAGE WAGE RATES (dol.)												
Building trades	3.66	4.42	6.18	6.88	7.27	7.62	8.14	8.88	9.48	10.02	10.61	11.32
Journeyman.....	3.86	4.64	6.54	7.28	7.69	8.02	8.55	9.32	9.92	10.44	11.05	11.80
Helpers and laborers.....	2.88	3.54	4.86	5.43	5.88	6.06	6.53	7.06	7.54	8.03	8.54	9.15
Printing trades ¹	3.23	3.73	4.97	5.47	5.89	6.28	6.80	7.36	7.90	8.46	9.07	(NA)
Book and job ²	3.08	3.58	4.65	5.11	5.49	5.91	6.34	6.86	7.41	7.91	8.51	(NA)
Newspaper.....	3.48	3.94	5.13	5.65	6.09	6.43	7.01	7.57	8.17	8.74	9.23	(NA)
Motortruck drivers and helpers ³	2.65	3.22	4.36	4.90	5.43	5.85	6.34	6.81	7.36	8.03	(NA)	9.54
Local transit operators	2.37	2.88	4.03	4.38	4.68	5.04	5.62	6.25	6.63	7.12	7.53	8.17

NA Not available. ¹ Beginning 1970, includes lithographers; beginning 1978, data collected biennially as of the first working day in September. ² Includes semiskilled (bindery workers and press assistants and feeders). ³ Data based on all scales reported for these workers; beginning 1977, data collected biennially. Data for 1979 are as of the first working day in September.

Source: U.S. Bureau of Labor Statistics, *Union Wages and Benefits*, annual.

NO. 686. AVERAGE ANNUAL TOTAL COMPENSATION AND WAGES AND SALARIES PER FULL-TIME EQUIVALENT EMPLOYEE, BY INDUSTRY: 1965 TO 1979

[In dollars, except percent. Wage and salary payments include executives' compensation, bonuses, tips, and payments in kind; total compensation includes, in addition to wages and salaries, employer contributions for social insurance, compensation for injuries, directors' fees, jury and witness fees, etc. See *Historical Statistics, Colonial Times to 1970* series D 739-764 and D 893-904, for related but not comparable data]

INDUSTRY	ANNUAL TOTAL COMPENSATION					ANNUAL WAGES AND SALARIES				
	1965	1970	1975	1978	1979	1965	1970	1975	1978	1979
All domestic industries	6,366	8,644	12,516	15,622	16,993	5,812	7,750	10,836	13,287	14,376
Average annual percent change ¹	4.0	6.3	7.7	7.7	8.8	3.8	5.9	6.9	7.0	8.2
Agriculture, forestry, fisheries.....	3,054	4,530	6,232	8,278	9,332	2,891	4,218	5,629	7,337	8,271
Mining.....	7,782	10,891	17,495	22,778	25,372	6,897	9,445	14,765	19,015	21,077
Construction.....	7,512	10,778	15,130	17,608	19,208	6,923	9,810	13,448	15,402	16,755
Manufacturing.....	7,351	9,585	14,234	18,215	19,913	6,566	8,380	11,903	14,949	16,259
Transportation.....	7,735	10,600	16,060	20,848	22,552	6,993	9,403	13,534	17,369	18,717
Communication.....	8,060	10,854	17,698	23,933	25,948	6,820	8,751	13,726	18,353	19,729
Electric, gas, sanitary services.....	8,551	11,709	17,548	22,952	24,897	7,475	10,022	14,314	18,446	19,860
Wholesale trade.....	7,494	10,073	14,427	17,976	19,628	6,981	9,193	12,928	15,716	17,097
Retail trade.....	7,976	6,464	8,875	10,680	11,515	4,621	5,914	7,921	9,400	10,105
Finance, insurance, real estate.....	6,650	8,860	12,504	15,799	17,220	5,964	7,821	10,618	13,247	14,365
Services.....	4,837	6,900	10,108	12,637	13,824	4,557	6,394	9,066	11,179	12,178
Government and gov't enterprises.....	6,146	8,813	13,071	16,021	17,202	5,696	8,011	11,451	13,737	14,607

¹ Represents average for period of intervals shown; for 1965, change from 1960. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *1976-79 and Survey of Current Business*, July 1979.

NO. 687. EMPLOYEE BENEFITS IN PRIVATE INDUSTRY: 1980

[Covers full-time employees in private industry; excludes small firms (establishments with fewer than 50 to 250 employees, depending on the industry), executive management and traveling operating employees, and Alaska and Hawaii. Based on sample survey of establishments and covers only benefits for which the employer pays part of the premium involved]

TYPE OF EMPLOYEE BENEFIT	All employees	Professional and administrative employees	Technical and clerical employees	Production employees	TYPE OF EMPLOYEE BENEFIT	All employees	Professional and administrative employees	Technical and clerical employees	Production employees
Percent of employees participating in—					Percent of employees in establishment providing ² —				
Paid: Lunch time.....	10	3	4	15	Paid funeral leave.....	(NA)	87	87	84
Rest time.....	75	61	73	81	Profit sharing.....	(NA)	20	22	15
Holidays.....	99	100	100	98	Savings and thrift.....	(NA)	39	31	18
Vacations.....	100	100	100	99	Stock purchase.....	(NA)	20	18	10
Personal leave.....	20	31	30	11	Severance pay.....	(NA)	59	54	30
Sick leave.....	62	91	89	39	Employee discounts.....	(NA)	44	52	46
Insurance plans:					Relocation allowance.....	(NA)	81	45	30
Accident/sickness.....	54	33	37	69	Child care.....	(NA)	1	1	1
Noncontributory.....	45	25	29	60	Recreation facilities.....	(NA)	23	18	17
Long-term disability.....	40	62	50	27	Subsidized meals.....	(NA)	27	26	15
Noncontributory.....	30	43	36	22	Parking.....	(NA)	69	63	74
Life.....	96	97	94	96	Educational assist.....	(NA)	78	69	58
Noncontributory.....	80	78	74	82					
Pension.....	84	88	85	81	Mean number of—				
Noncontributory.....	77	78	79	77	Paid holidays.....	10.1	10.1	9.6	10.4
Health.....	97	98	95	98	Paid vacation days after—				
Noncontributory.....	72	67	61	79	1 year.....	8.7	10.3	9.6	7.7
Hospital/					3 years.....	10.4	11.0	10.5	10.2
Surgical ^{1 2}	100	100	100	100	5 years.....	12.4	13.1	12.8	12.0
Extended care ¹	58	59	57	58	10 years.....	15.7	16.3	15.8	15.5
Private duty nursing ¹	93	99	98	89	15 years.....	18.2	18.9	18.5	17.8
Mental health care ¹	98	99	98	98	20 years.....	20.6	21.1	20.5	20.4
Dental ¹	56	60	55	56	25 years.....	22.3	22.7	22.5	22.2
Vision ¹	21	16	17	25					

NA Not available. ¹ Percent coverage of employees participating in health programs. ² Includes physician visits in hospitals, diagnostic X-ray and lab, and hospital auxiliary services. ³ A benefit is defined as provided if over 50 percent of the persons in the employment group were eligible for the benefit.

Source: U.S. Bureau of Labor Statistics, *Employee Benefits in Industry, 1980*, bulletin 2107.

NO. 688. MAJOR COLLECTIVE BARGAINING SETTLEMENTS—AVERAGE PERCENT CHANGE IN WAGES AND BENEFITS NEGOTIATED: 1970 TO 1980

[In percent, except as indicated. Data represent private nonfarm industry settlements affecting production and related workers in manufacturing and nonsupervisory workers in nonmanufacturing (including construction) industries. Data exclude possible adjustments in wages under cost-of-living adjustment clauses (COLA), except increases guaranteed by the contract. Includes all settlements, whether wages and benefits were changed or not]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Wage-rate adjustments: ¹											
All industries:											
First year changes.....	11.9	11.6	7.3	5.8	9.8	10.2	8.4	7.8	7.6	7.4	7.5
Contracts with COLA.....	(NA)	12.9	7.9	5.7	9.5	12.2	8.4	8.0	6.9	6.2	8.0
Contracts without COLA.....	(NA)	10.3	7.2	5.8	10.2	9.1	8.3	7.6	8.0	9.1	11.7
Over life of contract ²	8.9	8.1	6.4	5.1	7.3	7.8	6.4	5.8	6.4	6.0	7.1
Contracts with COLA.....	7.3	7.1	5.7	4.9	6.1	7.1	5.7	5.0	5.3	4.6	5.0
Contracts without COLA.....	10.1	9.2	6.5	5.3	9.1	8.3	7.3	6.9	7.1	8.0	7.3
Manufacturing:											
First year changes.....	8.1	10.9	6.6	5.9	8.7	9.8	8.9	8.4	8.3	6.9	7.4
Over life of contract ²	6.0	7.3	5.6	4.9	6.1	8.0	6.0	5.5	6.6	5.4	5.4
Nonmanufacturing:											
First year changes.....	15.2	12.2	7.8	5.7	10.5	10.4	7.7	7.4	7.4	8.0	10.9
Over life of contract ²	11.5	8.9	6.9	5.3	8.0	7.8	6.8	6.0	6.4	6.8	8.3
Number of workers affected (mil.).....	4.7	4.0	2.4	5.3	5.1	2.9	4.1	4.0	2.5	3.5	3.8
Percent of civilian labor force.....	6.0	5.0	3.0	6.0	6.0	3.0	4.0	4.0	3.0	3.0	4.0
Manufacturing (mil.).....	2.2	1.9	.9	2.4	1.9	.8	2.1	1.6	.6	1.9	1.6
Nonmanufacturing (mil.).....	2.5	2.1	1.5	2.9	3.3	2.1	2.0	2.4	2.0	1.6	2.2
Wage and benefit adjustments: ³											
First year changes.....	13.1	13.1	8.5	7.1	10.7	11.4	8.5	9.6	8.3	9.0	10.4
Over life of contract ²	9.1	8.8	7.4	6.1	7.8	8.1	6.6	6.2	6.3	6.6	7.1

NA Not available. ¹ Each settlement involved 1,000 or more workers. ² Average annual rate of change. ³ Each settlement involved 5,000 or more workers.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, monthly.

Labor Union Membership

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NO. 689. MEMBERSHIP IN LARGE UNIONS: 1968 TO 1980

[In thousands. AFL-CIO (except as noted) unions reporting 100,000 members or more in 1980 with headquarters in U.S. "Ind." = Independent or unaffiliated unions]

UNION	1968	1972	1976	1980	UNION	1968	1972	1976	1980
Teamsters (Ind.).....	1,755	1,855	1,889	1,891	Retail, wholesale.....	175	198	200	215
Automobile workers (Ind.).....	1,473	1,394	1,358	1,357	Government (NAGE) (Ind.).....	(NA)	100	150	200
Food and commercial ¹	1,052	1,162	1,209	1,300	United transportation ²	(NA)	248	265	190
Steelworkers ²	1,352	1,400	1,300	1,238	Mine workers (Ind.) ¹⁰	(NA)	213	277	185
State, county (AFSCME).....	364	529	750	1,098	Iron workers.....	168	176	179	184
Electrical (IBEW).....	897	957	924	1,041	Railway, steamship clerks ¹¹	280	238	211	180
Carpenters.....	793	820	820	832	Firefighters.....	133	160	174	178
Machinists.....	903	758	917	745	Painters.....	200	208	195	164
Service employees (SEIU).....	389	484	575	650	Electrical (UE) (Ind.).....	167	165	165	162
Laborers (LIUNA).....	553	600	627	608	Transit union.....	134	130	150	162
Communications workers.....	357	443	483	551	Bakery, confectionery ¹²	(NA)	146	135	160
Teachers (AFT).....	165	249	446	502	Oil, chemical workers.....	173	172	177	154
Clothing and textile workers ³	569	539	502	455	Sheetmetal workers.....	140	153	153	154
Engineers, operating.....	350	402	420	423	Rubber.....	204	183	211	151
Hotel and restaurant.....	459	458	432	400	Boilermakers.....	140	132	145	145
Plumbers.....	297	⁴ 228	⁵ 228	352	Bricklayers.....	160	149	135	135
Garment, ladies (ILGWU).....	455	428	365	323	Transport workers.....	98	150	150	130
Musicians.....	283	315	330	299	Postal employees ¹³ (Ind.).....	(NA)	(NA)	(NA)	125
Government (AFGE).....	295	293	260	255	Printing and graphic (IPGCU).....	(NA)	(NA)	103	122
Postal workers ⁶	⁷ 166	239	252	251	Woodworkers.....	96	106	109	112
Electrical (IUE).....	324	290	238	233	Office employees (OPEIU).....	76	83	99	107
Letter carriers.....	210	220	227	230	Maintenance of way.....	125	142	119	101
Paperworkers ⁸	328	389	300	219					

NA. Not available. ¹In 1979, Retail clerks merged with Meat Cutters to form Food and Commercial Workers. ²Intl. Union of Mine, Mill, and Smelter Workers, and Intl. Union of District 50 merged with United Steelworkers of America in 1967 and 1972, respectively. ³Figures for all years represent the union as constituted after merger. ⁴In 1976, Amalgamated Clothing Workers of America merged with Textile Workers Union of America to form Amalgamated Clothing and Textile Workers Union. ⁵AFL-CIO per capita reports. ⁶American Postal Workers Union formed in 1971 by merger of the postal clerks union and 4 other unions. ⁷Postal clerks only. ⁸United Papermakers and Paperworkers merged with Intl. Brotherhood of Pulp, Sulphite, and Paper Mill Workers in 1972 to form United Paperworkers International Union. ⁹Merged with Brotherhood of Railroad Trainmen and three other railroad unions in 1969. 1980 excludes retired members. ¹⁰1980 excludes retired workers. ¹¹Includes Transportation-Communication Employees Union. ¹²American Bakery and Confectionery Workers Intl. Union and Bakery and Confectionery Workers' Intl. Union of America merged in 1969. ¹³Includes associate members.

Source: U.S. Bureau of Labor Statistics, *Directory of National Unions and Employee Associations, 1975, News*, Sept. 18, 1981; and unpublished data.

NO. 690. LABOR UNION MEMBERSHIP—TOTAL AND PERCENT OF NONAGRICULTURAL EMPLOYMENT, BY STATES: 1964 TO 1978

[Based on reports and estimates for national and local unions directly affiliated with AFL-CIO, and members in single firm and local unaffiliated unions. Excludes employee associations and membership outside U.S.]

STATE	TOTAL (1,000)				PERCENT OF EMPLOYMENT		STATE	TOTAL (1,000)				PERCENT OF EMPLOYMENT	
	1964	1970	1976	1978	1970	1978		1964	1970	1976	1978	1970	1978
U.S.	17,188	19,757	19,874	20,459	28.0	23.6	Mont.	63	60	60	67	29.8	24.1
Ala. ¹	151	204	229	257	20.2	19.2	Nebr. ¹	78	86	87	92	17.8	15.3
Alaska.....	21	25	50	43	26.9	26.2	Nev. ¹	49	66	69	80	32.5	22.9
Ariz. ¹	81	96	117	122	17.5	13.8	N.H.	44	45	43	48	17.3	13.3
Ark. ¹	112	95	102	109	17.8	15.0	N.J.	814	768	697	683	29.4	23.0
Calif.	1,888	2,137	2,148	2,184	30.8	23.7	N. Mex.	34	43	50	54	14.7	12.1
Colo.	124	152	175	172	20.5	15.2	N.Y.	2,507	2,555	2,358	2,753	35.7	39.2
Conn.	244	290	309	296	24.2	21.9	N.C. ¹	89	137	141	147	7.7	6.5
Del.	36	48	49	52	22.5	21.7	N. Dak. ¹	21	28	26	34	17.2	14.7
Fla. ¹	201	299	365	367	13.9	11.7	Ohio.....	1,148	1,413	1,289	1,294	36.4	29.5
Ga. ¹	150	251	261	271	16.1	13.6	Oklahoma.....	86	124	126	138	16.1	13.5
Hawaii.....	50	82	129	120	27.9	32.1	Oreg.	198	218	221	232	30.7	23.1
Idaho.....	32	38	41	47	18.3	14.3	Pa.	1,450	1,617	1,642	1,595	37.2	34.2
Ill.	1,394	1,548	1,451	1,497	35.8	31.5	R.I.	89	89	114	108	25.9	27.1
Ind.	522	657	621	643	35.5	29.3	S.C. ¹	52	81	68	76	9.6	6.7
Iowa ¹	150	186	192	212	21.1	19.2	S. Dak. ¹	14	21	21	24	11.9	10.3
Kans. ¹	109	112	125	117	16.5	12.8	Tenn. ¹	184	274	288	303	20.6	17.7
Ky.	187	250	275	274	27.5	22.4	Tex. ¹	370	523	563	575	14.4	11.0
La.	147	193	¹ 213	¹ 227	18.5	16.0	Utah ¹	58	75	62	68	20.9	13.0
Maine.....	57	61	67	74	18.4	18.3	Vt.	22	24	30	33	16.2	17.5
Md. ²	352	463	440	458	23.4	21.0	Va. ¹	179	245	252	258	16.7	12.7
Mass.....	572	573	570	611	25.1	24.4	Wash.	367	434	453	496	40.2	33.1
Mich.....	962	1,195	1,165	1,223	39.8	34.6	W. Va.	192	221	232	226	42.8	36.8
Minn.....	339	378	385	411	28.7	24.6	Wis.....	400	482	506	522	31.5	27.8
Miss. ¹	53	76	87	103	13.2	12.4	Wyo. ¹	19	19	25	28	17.4	14.9
Mo.	546	594	572	578	35.7	30.0	Unallocated.....	181	108	133	60	(x)	(x)

X Not applicable. ¹State has a right-to-work law. ²Includes District of Columbia.

Source: U.S. Bureau of Labor Statistics, *Directory of National and International Labor Unions in the United States, 1965*, and *Directory of National Unions and Employee Associations, 1971, 1977, and 1979*.

NO. 691. LABOR UNION AND EMPLOYEE ASSOCIATION MEMBERSHIP: 1950 TO 1978

[Estimates based on average number of dues-paying members of unions with headquarters in the U.S. Certain unions did not report as members persons not required to pay dues, such as apprentices and workers retired, unemployed, in Armed Forces, or involved in work stoppages. Excludes single-firm and local unaffiliated unions; includes local unions directly affiliated with the AFL-CIO, except as noted. Employee associations are similar to unions. See also *Historical Statistics, Colonial Times to 1970*, series D 933-934 and D 946-951]

ITEM	Unit	1950	1955	1960	1965	1970	1972	1974	1976	1978
Number of unions, total.....	Number.....	209	199	184	2 191	185	177	175	175	174
Unions affiliated with AFL-CIO.....	Number.....	137	139	134	129	120	113	111	112	108
Union membership.....	1,000.....	15,000	17,749	18,117	18,519	20,752	20,893	21,643	21,171	21,784
AFL-CIO.....	1,000.....	12,400	16,062	15,072	15,604	15,978	16,507	16,938	16,699	17,024
Independent or unaffiliated unions.....	1,000.....	2,600	1,688	3,045	2,915	4,773	4,386	4,705	4,472	4,760
Male ^a	1,000.....	(NA)	(NA)	14,733	(NA)	16,408	16,315	16,985	16,481	16,636
Female ^a	1,000.....	(NA)	(NA)	3,304	(NA)	4,282	4,524	4,600	4,648	5,106
White-collar membership ^a	1,000.....	(NA)	4 2,463	2,192	(NA)	3,353	3,434	3,762	4,068	4,067
Percent of total membership.....	Percent.....	(NA)	4 13.6	12.2	(NA)	16.2	16.5	17.4	19.2	18.7
U.S. members ^a	1,000.....	14,267	16,802	17,049	17,299	19,381	19,435	20,199	19,634	20,246
Percent of total labor force.....	Percent.....	22.0	24.4	23.6	22.4	22.6	21.8	21.7	20.3	19.7
Percent of nonagric. employment.....	Percent.....	31.5	33.2	31.4	28.4	27.5	26.4	25.8	24.5	23.6
Canadian members of U.S. unions.....	1,000.....	733	947	1,068	1,220	1,371	1,458	1,444	1,537	1,538
Association membership ^a	1,000.....	(NA)	(NA)	(NA)	(NA)	1,868	2,221	2,610	3,028	2,561
Female membership.....	1,000.....	(NA)	(NA)	(NA)	(NA)	1,116	1,212	1,438	1,790	1,559
White-collar membership.....	1,000.....	(NA)	(NA)	(NA)	(NA)	1,564	1,768	2,119	2,505	2,185

NA Not available. ¹ 1949 data. ² 1966 data. ³ Excludes local unions directly affiliated with AFL-CIO. ⁴ 1956 data.

^a Excluding Canadians. ^b Covers professional and State employee associations engaged in collective bargaining in more than one State or in one State in two or more cities.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual; and *Directory of National Unions and Employee Associations*, 1979.

NO. 692. NATIONAL UNIONS—NUMBER AND MEMBERS, BY INDUSTRY: 1970 AND 1978

[See headnote, table 691. Excludes employee associations and local unions directly affiliated with the AFL-CIO]

INDUSTRY GROUP	NUMBER, ALL UNIONS ¹		NUMBER, AFL-CIO UNIONS ¹		MEMBERS, ALL UNIONS ² (1,000)		MEMBERS, AFL-CIO ² UNIONS (1,000)		PERCENT MEMBERS, 1978	
	1970	1978	1970	1978	1970	1978	1970	1978	All	AFL-CIO
All unions.....	185	174	120	108	20,689	21,742	15,916	16,982	100.0	100.0
Manufacturing ³	100	94	73	64	9,173	8,119	6,666	6,119	27.3	36.0
Food and kindred products ⁴	25	24	17	16	905	595	588	575	2.7	3.4
Tobacco manufactures.....	8	4	5	3	38	37	37	37	.2	.2
Textile mill products.....	10	11	4	7	191	156	177	149	.7	.9
Apparel and related products.....	16	15	11	11	852	683	936	667	3.1	3.9
Lumber and wood products ⁵	13	18	8	14	215	262	208	260	1.2	1.5
Furniture and fixtures.....	17	10	13	8	214	174	187	160	.8	.9
Paper and allied products.....	20	21	12	17	453	389	391	364	1.8	2.1
Printing, publishing, allied industries.....	10	18	15	13	370	281	357	270	1.3	1.6
Chemicals and allied products.....	26	25	19	15	362	219	151	201	1.0	1.2
Petroleum refining and related industries.....	12	13	7	10	79	77	69	73	.4	.4
Rubber and misc. plastics products.....	19	24	13	19	271	269	248	253	1.2	1.5
Leather and leather products.....	13	15	10	13	140	119	134	118	.5	.7
Stone, clay, glass, concrete products.....	22	22	17	19	284	293	234	277	1.3	1.6
Primary metals industries.....	16	13	11	12	787	774	667	688	3.6	4.1
Fabricated metal products.....	33	29	21	19	917	613	719	438	2.8	2.6
Machinery, except electrical.....	23	18	16	13	550	670	278	411	3.1	2.4
Electrical machinery equipment, supplies.....	19	15	11	9	1,033	715	793	492	3.3	2.9
Transportation equipment.....	21	13	15	10	1,109	1,110	291	306	5.1	1.8
Nonmanufacturing ³	104	96	73	70	9,998	9,998	7,390	7,811	46.0	46.0
Mining and quarrying ⁶	15	14	8	10	368	428	154	149	2.0	.9
Contract construction ⁷	28	29	21	23	2,576	2,884	2,476	2,711	13.3	16.0
Transportation.....	44	31	34	26	2,441	1,748	1,425	1,254	8.0	7.4
Telephone and telegraph.....	10	7	7	6	533	547	483	547	2.5	3.2
Electric, gas, sanitary services.....	17	15	12	14	312	356	268	353	1.6	2.1
Wholesale and retail trade.....	24	21	15	13	1,549	1,713	1,315	1,059	7.9	6.2
Service industries.....	48	47	31	29	1,286	1,824	1,166	1,548	8.4	9.1
Government.....	60	62	34	39	2,318	3,625	1,860	3,052	16.7	18.0
Federal.....	56	51	31	30	1,370	1,384	927	967	6.4	5.7
State and local.....	19	45	16	41	948	2,242	933	2,085	10.3	12.3

¹ Nonadditive; many unions have membership in more than one industry group. ² Membership computed by applying reported percentages to total membership, including that outside the U.S. ³ Includes industries not shown separately. ⁴ Includes beverages. ⁵ Except furniture. ⁶ Includes crude petroleum and natural gas production. ⁷ Building and special trade.

Source: U.S. Bureau of Labor Statistics, *Directory of National Unions and Employee Associations*, 1971 and 1979.

NO. 693. WORK STOPPAGES: 1960 TO 1979

[Excludes work stoppages involving fewer than 6 workers or lasting less than 1 day. Information obtained directly from companies and unions involved as well as from various Government labor boards, conciliation services, and other neutral parties. See also *Historical Statistics, Colonial Times to 1970*, series D 970-976]

YEAR	WORK STOPPAGES		WORKERS INVOLVED		DAYS IDLE DURING YEAR		
	Number beginning in year	Average duration (calendar days)	Number ¹ (1,000)	Percent of total employed ²	Number (1,000)	Percent of estimated working time ³	Per worker involved
1960	3,333	23.4	1,320	2.4	19,100	.14	14.5
1965	3,963	25.0	1,550	2.5	23,300	.15	15.1
1967	4,595	22.8	2,870	4.3	42,100	.25	14.7
1968	5,045	24.5	2,649	3.8	49,018	.28	18.5
1969	5,700	22.5	2,481	3.5	42,869	.24	17.3
1970	5,716	25.0	3,305	4.7	66,414	.37	20.1
1971	5,138	27.0	3,280	4.6	47,589	.26	14.5
1972	5,010	24.0	1,714	2.3	27,066	.15	15.8
1973	5,353	24.0	2,251	2.9	27,948	.14	12.4
1974	6,074	27.1	2,778	3.5	47,991	.24	17.3
1975	5,031	26.8	1,746	2.2	31,237	.16	17.9
1976	5,648	28.0	2,420	3.0	37,859	.19	15.6
1977	5,506	29.3	2,040	2.4	35,822	.17	17.6
1978	4,230	33.2	1,623	1.9	36,922	.17	22.8
1979	4,827	32.1	1,727	1.9	34,754	.15	20.1

¹ Workers counted more than once if involved in more than 1 stoppage during year. ² In 1967, total employed workers was redefined to coincide with U.S. Bureau of Labor Statistics figures for nonagricultural employment, plus agricultural wage and salaried workers. Idleness computed on this basis is lower than the former series. ³ Estimated working time computed by multiplying average number of employed workers (see footnote 2) by number of days worked by most employees.

Source: U.S. Bureau of Labor Statistics, *Analysis of Work Stoppages*, annual.

NO. 694. WORK STOPPAGES, BY STATE: 1978 AND 1979

[See headnote, table 693. Work stoppages affecting more than 1 State are counted as separate stoppages in each State affected, and workers involved and days idle are allocated among the appropriate States]

STATE	WORK STOPPAGES		WORKERS INVOLVED ¹		DAYS IDLE DURING YEAR (1,000)		STATE	WORK STOPPAGES		WORKERS INVOLVED ¹		DAYS IDLE DURING YEAR (1,000)	
	1978	1979	1978	1979	1978	1979		1978	1979	1978	1979	1978	1979
U.S.	4,230	4,827	1,623	1,727	36,922	34,754	So. Atl.—Con.						
							Va.	69	56	35	24	1,291	525
							W. Va.	142	183	36	36	3,393	526
							N.C.	31	31	12	14	125	277
							S.C.	21	11	10	3	69	64
							Ga.	40	76	24	30	203	470
							Fla.	50	42	20	21	228	435
N. Eng.:							E. So. Cent.:						
Maine	24	15	7	3	214	65	Ky.	102	157	63	52	2,093	729
N.H.	15	13	3	3	61	47	Tenn.	91	106	40	37	749	914
Vt.	11	11	1	2	12	26	Ala.	69	92	22	27	1,069	667
Mass.	117	138	25	29	331	531	Miss.	29	27	12	7	202	252
R.I.	36	44	7	17	75	150							
Conn.	55	61	8	25	239	1,114	W. So. Cent.:						
							Ark.	28	22	9	6	121	151
Mid. Atl.:							La.	38	36	21	18	236	484
N.Y.	328	394	111	130	2,084	2,027	Okl.	23	31	10	7	262	195
N.J.	219	273	51	55	556	1,032	Tex.	91	82	52	37	636	816
Pa.	480	612	155	167	4,064	2,762							
E. No. Cent.:							Mont.	19	21	8	2	56	46
Ohio	441	508	141	170	3,757	3,573	Idaho	15	11	5	5	41	14
Ind.	211	193	62	59	1,497	1,547	Wyo.	5	9	9	5	125	68
Ill.	341	394	136	222	3,037	4,233	Colo.	37	24	17	8	186	232
Mich.	300	349	94	91	1,757	1,593	N. Mex.	21	16	9	6	224	46
Wis.	110	84	28	26	573	977	Ariz.	31	15	20	10	318	165
W. No. Cent.:							Utah	11	16	5	9	205	60
Minn.	91	112	35	28	775	573	Nev.	11	19	3	4	44	68
Iowa	47	60	13	46	186	747							
Mo.	92	123	39	37	701	988	Pac.:						
N. Dak.	5	3	3	1	17	8	Wash.	94	75	41	17	1,471	780
S. Dak.	3	11	1	2	7	53	Oreg.	44	33	20	15	570	251
Nebr.	14	14	14	13	79	79	Calif.	296	403	124	145	2,295	3,352
Kans.	21	23	15	11	120	107	Alaska	12	8	2	2	58	23
So. Atl.:							Hawaii	18	12	12	12	100	275
Del.	23	20	9	7	139	54							
Md.	46	41	14	15	231	402							
D.C.	26	8	6	8	64	183							

¹ Workers counted more than once if involved in more than 1 stoppage during year.

Source: U.S. Bureau of Labor Statistics, *Analysis of Work Stoppages*, annual.

NO. 695. WORK STOPPAGES—MAJOR ISSUES, DURATION, AND INDUSTRY: 1977 TO 1979

[Issues and industries data based on stoppages beginning in year; duration data on stoppages ending in year. See headnote, table 693. Stoppages affecting more than 1 industry are counted separately in each industry affected; workers involved and work-days idle are allocated among the appropriate industries. See *Historical Statistics, Colonial Times to 1970*, series D 977-1021, for related but not comparable data]

MAJOR ISSUES, DURATION, AND INDUSTRY GROUP	WORK STOPPAGES			WORKERS INVOLVED ¹ (1,000)			DAYS IDLE (1,000)		
	1977	1978	1979	1977	1978	1979	1977	1978	1979
MAJOR ISSUES									
All issues	5,506	4,230	4,827	2,040	1,623	1,727	35,822	36,922	34,754
General wage changes	3,135	2,751	3,190	900	836	1,114	21,695	19,341	25,640
Supplementary benefits	78	6	62	23	19	46	454	272	660
Wage adjustments	141	128	103	65	59	35	1,625	581	1,335
Hours of work	15	16	7	3	5	2	85	261	26
Other contractual matters	276	199	279	72	40	56	1,351	721	787
Union organization and security	252	272	250	41	39	48	955	762	1,119
Job security	211	127	168	100	389	109	1,708	4,027	2,461
Plant administration	1,002	506	616	697	172	266	7,249	10,612	2,490
Other working conditions	137	56	59	63	31	16	339	182	120
Interunion or intraunion matters	246	100	76	77	33	33	335	152	97
Not reported	13	13	17	1	1	2	25	9	20
DURATION									
All stoppages	5,535	4,250	4,779	1,860	1,780	1,721	31,905	39,752	34,973
1 day	730	383	467	173	97	151	173	97	181
2-3 days	617	366	454	184	105	153	351	219	2,125
4-6 days	549	446	482	200	239	157	706	841	3,942
7-14 days	975	792	915	307	276	446	1,957	1,812	4,654
15-29 days	1,014	858	875	354	198	256	4,864	2,892	3,374
30-59 days	885	706	837	335	177	331	7,698	5,027	10,570
60-89 days	350	308	363	123	415	135	5,147	6,386	1,852
90 days and over	415	391	386	184	274	93	11,010	22,479	8,275
INDUSTRY GROUP									
All industries	5,506	4,230	4,827	2,040	1,623	1,727	35,822	36,922	34,754
Manufacturing									
Ordnance and accessories	2,537	2,121	2,296	788	568	681	18,331	15,602	20,291
Food and kindred products	3	3	2	2	2	3	46	88	175
Tobacco manufactures	221	171	178	54	33	41	1,501	558	969
Textile mill products	6	2	2	7	(2)	(2)	168	1	1
Apparel and other finished products, etc.	40	41	30	4	14	5	86	341	194
Lumber, wood products (exc. furniture)	65	40	55	10	6	11	183	137	230
Furniture and fixtures	78	69	60	20	13	15	341	271	269
Paper and allied products	93	60	74	11	9	13	203	297	272
Printing, publishing, and allied industries	82	102	110	24	40	21	508	2,178	1,135
Chemicals and allied products	57	37	39	10	25	11	241	794	217
Petroleum refining and related industries	111	113	143	19	17	22	636	633	1,172
Rubber and misc. plastics products	23	21	33	6	6	12	172	88	260
Leather and leather products	88	89	112	15	17	28	343	362	768
Stone, clay, and glass products	19	8	17	7	2	5	259	43	163
Primary metal industries	139	133	163	45	20	29	988	469	574
Fabricated metal products ²	239	187	202	91	45	50	2,167	1,378	1,481
Machinery (except electrical)	354	360	352	57	60	56	1,466	1,683	1,963
Electrical machinery, equip., and supplies	451	277	316	140	84	174	3,267	2,160	5,618
Transportation equipment	199	190	195	76	79	76	1,076	1,210	2,028
Instruments and related products	189	149	141	172	82	95	4,176	2,447	2,333
Miscellaneous manufacturing industries	39	33	26	9	10	6	216	290	249
	48	36	57	10	6	10	288	176	202
Nonmanufacturing									
Agriculture, forestry, and fisheries	2,970	2,110	2,536	1,252	1,055	1,047	17,486	21,320	14,462
Mining	10	14	20	1	2	9	24	35	569
Contract construction	999	275	441	676	114	141	7,281	10,261	511
Transportation, communication, etc.	486	385	273	218	109	121	3,284	2,272	1,646
Wholesale and retail trade	303	259	376	56	395	387	2,157	4,453	5,643
Finance, insurance, real estate	486	445	511	86	117	64	1,988	1,758	1,366
Services—personal, business, etc.	23	21	26	3	7	3	97	133	72
Government	250	232	301	42	56	67	890	701	1,671
	413	481	593	170	194	254	1,766	1,707	2,983

Z Fewer than 500. ¹ See footnote 1, table 693. ² Except ordnance, machinery, and transportation equipment.

Source: U.S. Bureau of Labor Statistics, *Analysis of Work Stoppages*, annual.

NO. 696. STATE AND LOCAL GOVERNMENTS—FULL-TIME EMPLOYMENT, ORGANIZED EMPLOYEES, AND WORK STOPPAGES, 1975 TO 1979, AND BY FUNCTION, 1979

[For October, except as noted]

ITEM	1975, total	1976, total	1977, total	1978, total	1979							
					Total ¹	Education			Highways	Hospitals	Police and fire protection	Public welfare
						Total	In- struc- tional	Other				
Full-time employees (1,000):												
Total	9,397	9,514	9,861	9,948	10,193	4,795	3,103	1,692	534	994	788	357
State	2,540	2,596	2,677	2,736	2,839	876	294	583	255	524	73	170
Local	6,857	6,919	7,185	7,212	7,354	3,919	2,810	1,109	279	470	715	187
Membership in employee organizations (1,000): ²												
Total	4,702	4,737	4,711	4,788	4,881	2,648	2,002	646	233	393	454	146
Percent of full-time employees	49.9	48.5	47.8	48.1	47.9	55.2	64.5	38.2	43.6	39.5	57.6	40.8
State	1,005	992	1,009	1,043	1,098	254	106	148	130	254	37	68
Local	3,697	3,745	3,701	3,745	3,783	2,394	1,896	498	103	139	417	77
Work stoppages (number): ^{3 4}												
Total	490	377	485	488	553	286	222	140	66	28	63	19
State	36	27	33	27	46	13	5	10	3	12	2	5
Local	454	350	452	461	507	273	217	130	63	16	61	14
Employees involved in work stoppages (1,000): ³												
Total	316	167	179	178	212	127	89	38	6	9	14	10
State	71	28	35	10	30	6	3	2	2	4	4	6
Local	245	139	144	169	182	121	86	36	4	5	10	5
Days of idleness (1,000): ³												
Total	2,421	1,654	1,458	3,542	2,135	1,540	1,076	464	57	43	42	42
State	290	124	184	151	128	44	28	17	10	23	10	14
Local	2,130	1,529	1,274	3,391	2,007	1,495	1,048	447	47	20	32	28

¹ Includes other functions, not shown separately. ² Full-time employees only. ³ Represents period from October 16 of previous year to October 15 of year stated. ⁴ Contains duplication; each work stoppage is counted separately for each function affected, but only once in the total work stoppages.

Source: U.S. Bureau of the Census, *Labor-Management Relations in State and Local Governments: 1975, 1976, 1978, and 1979*, series GSS Nos. 81, 88, 95, and 100 and 1977 *Census of Governments*, vol. 3, No. 3.

NO. 697. WORKERS KILLED OR DISABLED ON THE JOB, 1945 TO 1980, AND BY INDUSTRY GROUP, 1980

[1980 data are preliminary estimates. Estimates based on data from U.S. National Center for Health Statistics, State departments of health, and State industrial commissions. Numbers of workers based on data from U.S. Bureau of Labor Statistics]

YEAR	DEATHS						Dis- abling inju- ries ² (1,000)	YEAR AND INDUSTRY GROUP	DEATHS		
	Total		Manufacturing		Nonmanufac- turing				Num- ber (1,000)	Rate ¹	Dis- abling inju- ries ² (1,000)
	Num- ber (1,000)	Rate ¹	Num- ber (1,000)	Rate ¹	Num- ber (1,000)	Rate ¹					
1945.....	16.5	33	2.7	18	13.8	39	2,000	1980, total.....	13.0	13	2,200
1950.....	15.5	27	2.6	17	12.9	31	1,950				
1955.....	14.2	24	2.0	12	12.2	29	1,950	Trade.....	1.4	6	400
1960.....	13.8	21	1.8	10	12.1	25	1,950	Service.....	1.8	7	380
1965.....	14.1	20	1.8	10	12.3	24	2,100	Manufacturing.....	1.7	9	460
1970.....	13.8	18	1.7	9	12.1	21	2,200	Government.....	1.7	11	310
1971.....	13.7	18	1.7	9	12.0	20	2,300				
1972.....	14.0	17	1.7	9	12.3	20	2,400	Transportation and utilities.....	1.5	28	170
1973.....	14.3	17	1.8	9	12.5	20	2,500	Construction.....	2.4	43	240
1974.....	13.5	16	1.7	9	11.8	18	2,300	Mining and quarrying.....	.5	50	40
1975.....	13.0	15	1.6	9	11.4	17	2,200	Agriculture.....	2.0	61	200
1976.....	12.5	14	1.7	9	10.8	16	2,200				
1977.....	12.9	14	1.8	9	11.1	16	2,300				
1978.....	13.1	14	1.8	9	11.3	15	2,200				
1979.....	13.3	14	1.8	9	11.5	15	2,300				
1980.....	13.0	13	1.7	9	11.3	15	2,200				

¹ Per 100,000 workers. ² Disabling injury defined as one which results in death, some degree of physical impairment, or renders the person unable to perform regular activities for a full day beyond the day of the injury.

Source: National Safety Council, Chicago, Ill., *Accident Facts*, annual.

NO. 698. OCCUPATIONAL INJURY AND ILLNESS INCIDENCE RATES, SELECTED INDUSTRIES: 1975 TO 1979

[Rates per 100 full-time employees. For nonfarm employment data, see table 669. Rates refer to any occupational injury or illness resulting in (1) fatalities, (2) lost workday cases, or (3) nonfatal cases without lost workdays. Incidence rates were calculated as: Number of injuries and illnesses or lost workdays multiplied by 200,000 as base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks a year) divided by total hours worked by all employees during year. Based on the 1972 *Standard Industrial Classification Manual*.]

INDUSTRY	TOTAL CASES ¹			LOST WORKDAY CASES			NONFATAL CASES, NO LOST WORKDAYS			LOST WORKDAYS		
	1975	1978	1979	1975	1978	1979	1975	1978	1979	1975	1978	1979
Private sector²	9.1	9.4	9.5	3.3	4.1	4.3	5.8	5.3	5.2	56.2	63.5	67.7
Agriculture, forestry, fishing²	10.5	11.6	11.7	4.4	5.4	5.7	6.0	6.2	5.9	70.9	80.7	83.7
Mining	11.0	11.5	11.4	5.6	6.4	6.8	5.4	5.0	4.6	110.6	143.2	150.5
Metal mining.....	6.5	10.0	10.2	4.4	5.4	6.0	2.1	4.6	4.2	69.2	113.9	118.2
Anthracite mining.....	28.4	19.6	18.6	10.2	11.5	11.0	18.1	8.0	7.6	211.3	310.5	267.1
Bituminous coal and lignite.....	10.8	10.1	10.4	6.4	7.3	8.3	4.3	2.7	2.0	101.5	170.3	206.0
Oil and gas extraction.....	14.0	13.9	13.6	6.2	6.9	7.0	7.7	6.9	6.5	149.1	154.4	151.2
Nonmetallic minerals exc. fuels.....	6.0	6.9	6.4	3.5	4.1	4.2	2.4	2.7	2.2	45.6	88.0	81.5
Construction	15.9	16.0	16.2	6.5	6.4	6.8	10.4	9.6	9.3	100.2	109.4	120.4
General building contractors.....	15.5	15.9	16.3	5.3	6.3	6.8	10.2	9.6	9.5	91.7	105.3	111.2
Heavy construction contractors.....	17.1	16.6	16.6	5.9	6.2	6.7	11.2	10.3	9.9	113.6	110.9	123.1
Special trade contractors.....	15.5	15.8	16.0	5.4	6.6	6.9	10.1	9.2	9.0	98.7	111.0	124.3
Manufacturing	13.0	13.2	13.3	4.5	5.6	5.9	8.5	7.6	7.4	75.8	84.9	90.2
Durable goods.....	14.2	14.2	14.2	4.8	5.9	6.3	9.4	8.3	7.9	81.1	89.1	95.1
Lumber and wood products.....	21.0	22.6	20.7	8.5	11.1	10.8	12.5	11.5	9.9	156.7	178.8	175.9
Furniture and fixtures.....	15.9	17.5	17.6	5.1	6.9	7.1	10.8	10.6	10.4	80.8	95.9	99.6
Stone, clay, and glass products.....	16.0	16.8	16.8	5.9	7.8	8.0	10.1	9.0	8.7	108.5	126.3	133.7
Primary metal industries.....	17.0	17.0	17.3	6.1	7.5	8.1	10.9	9.5	9.2	114.3	123.6	134.7
Fabricated metal products.....	19.1	19.3	19.9	6.6	8.0	8.7	12.5	11.3	11.2	104.3	112.4	124.2
Machinery, exc. electric.....	14.9	14.4	14.7	4.6	5.4	5.9	10.3	9.0	8.7	68.9	75.1	83.6
Electric and electronic equipment.....	8.5	8.7	8.6	2.5	3.3	3.4	6.0	5.4	5.2	41.9	50.3	51.9
Transportation equipment.....	12.4	11.5	11.6	4.5	5.1	5.5	8.0	6.3	6.1	76.5	78.0	85.9
Instruments and related products.....	6.8	6.9	7.2	2.1	2.6	2.8	4.8	4.3	4.4	36.7	37.0	40.0
Miscellaneous.....	11.3	11.8	11.7	3.6	4.5	4.7	7.7	7.3	7.0	58.0	66.4	67.7
Nondurable goods.....	11.4	11.8	11.8	4.1	5.0	5.3	8.8	6.8	6.5	66.7	78.4	82.3
Food and kindred products.....	18.3	19.4	19.9	7.3	8.9	9.5	11.0	10.5	10.4	119.6	132.2	141.8
Tobacco manufactures.....	10.3	8.7	9.3	3.9	4.0	4.2	6.4	4.6	5.0	59.4	58.6	64.8
Textile mill products.....	10.2	10.2	9.7	2.5	3.4	3.4	7.7	6.8	6.3	48.9	61.5	61.3
Apparel and other textile products.....	6.0	6.5	6.5	1.6	2.2	2.2	4.3	4.3	4.3	27.5	32.4	34.1
Paper and allied products.....	13.3	13.5	13.5	4.1	5.7	6.0	9.1	7.8	7.5	85.6	103.3	108.4
Printing and publishing.....	6.7	7.0	7.1	2.4	2.9	3.1	4.3	4.1	4.0	38.7	43.8	45.1
Chemicals and allied products.....	8.4	7.8	7.7	2.9	3.3	3.5	5.5	4.5	4.2	48.9	50.9	54.9
Petroleum and coal products.....	9.0	7.9	7.7	3.1	3.4	3.6	5.8	4.5	4.1	65.3	58.3	62.0
Rubber and misc. plastics products.....	15.7	17.1	17.1	6.7	8.1	8.2	9.0	9.0	8.9	113.3	125.5	127.1
Leather and leather products.....	11.2	11.7	11.5	3.8	4.7	4.9	7.4	6.9	6.6	55.3	72.5	76.2
Transportation, public utilities	9.4	10.1	10.0	4.7	5.7	5.9	4.7	4.3	4.1	88.9	102.3	107.0
Railroad transportation.....	8.5	12.0	12.4	4.9	7.6	8.1	3.6	4.3	4.3	78.3	99.6	105.9
Local passenger transit ³	8.4	8.7	9.3	4.2	4.7	5.1	4.1	4.0	4.1	80.8	84.9	97.5
Trucking and warehousing.....	14.8	16.2	15.8	7.5	9.4	9.5	7.2	6.8	6.3	144.9	177.1	188.7
Water transportation.....	15.8	14.4	14.1	8.2	7.8	7.8	7.6	6.6	6.2	294.1	272.1	286.1
Air transportation.....	14.9	13.4	13.7	7.4	8.4	8.6	7.5	4.9	5.1	84.7	95.8	102.4
Pipelines, except natural gas.....	4.7	4.7	4.6	1.6	1.9	1.6	3.0	2.8	3.0	79.3	29.3	21.9
Transportation services.....	6.2	5.5	6.0	2.9	2.7	3.0	3.3	2.8	3.0	53.9	41.7	47.0
Communication.....	3.0	2.7	2.8	1.5	1.5	1.7	1.5	1.2	1.1	31.9	28.7	29.0
Electric, gas, sanitary services.....	9.3	9.0	8.9	3.7	4.4	4.4	5.6	4.6	4.5	68.5	76.5	73.0
Wholesale and retail trade	7.3	7.9	8.0	2.6	3.2	3.4	4.7	4.6	4.6	39.5	44.9	49.0
Wholesale trade.....	8.2	8.9	8.8	3.2	3.9	4.1	5.0	5.0	4.7	49.5	57.5	58.1
Retail trade.....	7.0	7.5	7.7	2.4	2.8	3.1	4.6	4.7	4.6	35.2	39.7	44.7
Finance, insurance, real estate⁴	2.2	2.1	2.1	.8	.8	.9	1.4	1.2	1.2	10.8	12.5	13.3
Banking.....	1.8	1.5	1.7	.6	.6	.7	1.2	.9	1.0	9.0	7.4	10.1
Security, commodity brokers.....	1.0	.8	1.1	.4	.3	.4	.6	.5	.7	5.5	4.6	3.8
Insurance carriers.....	1.7	1.9	2.0	.6	.7	.8	1.1	1.2	1.2	8.2	12.1	10.3
Real estate.....	5.0	4.9	4.7	1.9	2.2	2.3	3.1	2.6	2.4	28.7	33.6	34.9
Services⁵	5.5	5.5	5.5	2.0	2.4	2.5	3.5	3.1	3.0	32.6	36.2	38.1
Hotels and other lodgings.....	8.2	9.2	9.1	2.6	3.6	3.7	5.6	5.6	5.3	45.0	51.5	51.8
Personal services.....	3.3	3.5	3.2	1.3	1.5	1.5	2.0	1.9	1.7	20.8	28.1	25.5
Business services.....	5.0	4.9	5.0	2.0	2.2	2.4	3.0	2.7	2.6	32.9	34.9	35.4
Auto repair, services, and garages.....	9.0	8.2	8.0	3.4	3.4	3.5	5.6	4.8	4.5	66.1	42.2	57.0
Amusement, recreation, services.....	8.6	8.4	8.3	2.8	3.7	3.7	5.7	4.7	4.6	40.0	46.7	58.5
Health services.....	6.8	6.8	6.8	2.5	3.0	3.2	4.3	3.7	3.6	40.3	48.1	49.9
Educational services.....	3.5	3.2	3.3	1.4	1.3	1.3	2.0	1.9	2.0	20.7	19.5	17.2
Membership organizations.....	3.0	(S)	(S)	1.1	(S)	(S)	1.9	(S)	(S)	7.6	(S)	(S)
Miscellaneous services.....	2.3	1.9	2.2	.7	.7	.8	1.6	1.2	1.3	8.8	10.3	11.1

S Data do not meet publication guidelines.

¹"Cases" represents occurrences. Includes fatalities for all employers.

²Excludes farms with fewer than 11 employees.

³Includes interurban.

⁴Includes categories not shown separately.

Source: U.S. Bureau of Labor Statistics, *Occupational Injuries and Illnesses in the United States by Industry*, annual.

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Section 14

Income, Expenditures, and Wealth

This section presents data on gross national product (GNP), national and personal income, saving and investment, money income, poverty, and national and personal wealth. The data on income and expenditure measure two aspects of the U.S. economy. One aspect relates to the national income and product accounts (NIPA), a summation reflecting the entire complex of the Nation's economic income and output and the interaction of its major components; the other relates to the distribution of money income to families and individuals, or consumer income.

The primary source for data on GNP, national and personal income, and gross savings and investment is the *Survey of Current Business*, published monthly, with supplements, by the Department of Commerce, Bureau of Economic Analysis (BEA). Detailed historical data and a discussion of the conceptual framework of NIPA and of the statistical sources and methods used to derive the estimates appear in *The National Income and Product Accounts of the United States, 1929-76*, a Supplement to the *Survey of Current Business*. Detailed data for most recent years are normally published each July in the *Survey*.

Sources of income distribution data are the decennial censuses of population and the Current Population Survey, both products of the Bureau of the Census (see text, page 1). Annual data on income of families, individuals, and households, by income class, are presented in *Current Population Reports—Consumer Income*, series P-60.

Data on individuals' savings and assets are published by the Board of Governors of the Federal Reserve System in the quarterly *Flow of Funds Accounts*; and detailed information on personal wealth is published periodically by the Internal Revenue Service (IRS) in *Statistics of Income*, Supplemental Report, *Personal Wealth*.

National income and product. *Gross national product* (GNP) is the total national output of goods and services valued at market prices. GNP can be viewed in terms of expenditure categories which comprise purchases of goods and services by consumers and government, gross private domestic investment, and net exports of goods and services. The goods and services included are largely those bought for final use (excluding illegal transactions) in the market economy. A number of inclusions, however, represent imputed values (estimates of "income in kind"), the most important of which is rental value of owner-occupied housing. GNP, in this broad context, measures the output attributable to the factors of production—labor and property—supplied by U.S. residents. GNP differs from "national income" mainly in that GNP includes allowances for depreciation and for indirect business taxes (such as sales and excise taxes); see table 707. *Gross domestic product* is GNP minus gross product originating outside the U.S.

National income is the aggregate of labor and property earnings which arises in the current production of goods and services by the Nation's economy. It is the sum of employee compensation, proprietors' income, rental income, corporate profits, and net interest. Thus, it measures the total factor costs of the goods and services produced by the economy. Earnings include direct taxes on earnings.

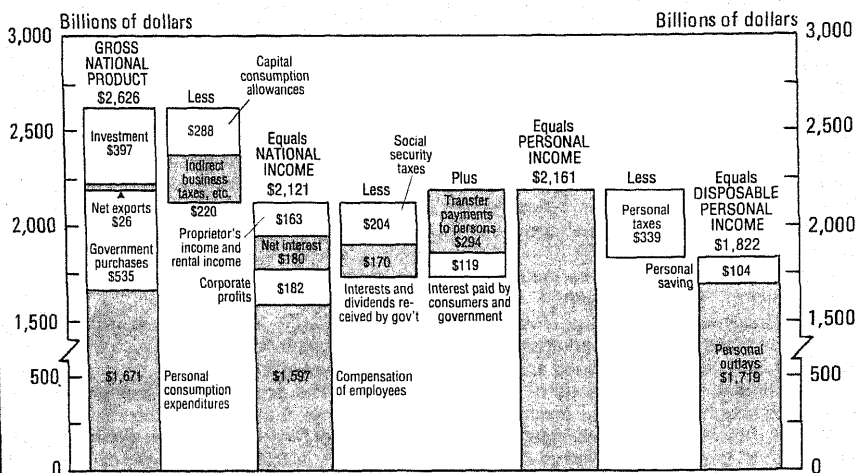
Capital consumption adjustment for corporations and nonfarm sole proprietorships and partnerships is the difference between capital consumption (i.e., depreciation charges and accidental damage to fixed business capital) claimed on income tax returns and capital consumption allowances that are measured at straightline depreciation, consistent service lives, and replacement cost. The tax return data are valued at historical costs and reflect changes over time in service lives and depreciation patterns as permitted by tax regulations. *Inventory valuation adjustment* represents the difference between the book value of inventories used up in production and the cost of replacing them.

Personal income is the current income received by persons from all sources minus their personal contributions for social insurance. Classified as "persons" are individuals (including owners of unin-

corporated firms), nonprofit institutions, private trust funds, and private noninsured health and welfare funds. Personal income includes transfers (payments not resulting from current production) from government and business such as social security benefits, military pensions, etc., but excludes transfers among persons. Also included are certain nonmonetary types of income—chiefly, estimated net rental value to owner-occupants of their homes and the value of services furnished without payment by financial intermediaries and food and fuel produced and consumed on farms.

Disposable personal income is personal income less personal tax and nontax payments. It is the income available to persons for spending and saving. Personal tax and nontax payments are tax payments (net of refunds) by persons (except personal contributions for social insurance) that are not chargeable to business expense, and certain personal payments to general government that are treated like taxes. Personal taxes include income, estate and gift, and personal property taxes. Nontax payments include passport fees, fines and penalties, donations, and tuitions and fees paid to schools and hospitals operated mainly by government.

Figure 14.1

Major Measures of Production and Income: 1980

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 707.

Distribution of money income to families and individuals.—Money income statistics are based on data collected in various field surveys of income conducted since 1936. Since 1947, the Bureau of the Census has collected the data on an annual basis and published them in *Current Population Reports*, series P-60. In each of the surveys, enumerators interview representative samples of the population with respect to income received during the previous year. Money income as defined by the Bureau of the Census differs from the BEA concept of "personal income" (see above). Money income is income before the deduction of personal income taxes, social security taxes, union dues, medicare deductions, etc., unless otherwise specified in the individual tables. *Nonmoney items of income*, such as wages received in kind, the value of food and fuel produced and consumed on farms, the property income received by life insurance companies, and the value of the services of banks and other financial intermediaries rendered to persons without the assessment of specific charges, are *not included*. None of the aggregate income concepts (gross national product, national income, or personal income) is exactly comparable with money income, although personal income is the closest.

Several changes were made in the collection and presentation of data from the March 1980 CPS. The changes include (1) the use of a more detailed income questionnaire for all sample households, (2) the use of an expanded sample, (3) the implementation of the "householder" concept rather than the traditional "head" concept, (4) the exclusion of a small number of "secondary families" from the count of all families, (5) the use of more detailed income intervals in the upper range of the income distribution, (6) the introduction of the new farm definition, and (7) the restriction of the population with income to persons 15 years old and over. For more information on the impact and comparability, see the source.

Poverty.—Unless otherwise specified, poverty level statistics represent measures of *money income* and are based on a "poverty index" first developed by the Social Security Administration (SSA) in 1964 and modified by a Federal Interagency Committee in 1969. At the core of this index is the 1961 Economy Food Plan designed by the Department of Agriculture. This index provides a range of income cutoffs or "poverty income thresholds" adjusted by such factors as family size, sex and age of the family head, number of children under age 18, and farm-nonfarm residence. Until 1969, annual revisions of these levels were based on price changes of items in the economy food plan. In 1969, two changes were made: (1) SSA levels for nonfarm families were retained for the base year 1963, but annual adjustments in the levels were to be based on changes in the Consumer Price Index rather than on economy food plan costs, and (2) farm levels were raised from 70 to 85 percent of the corresponding nonfarm level.

Personal wealth.—Personal wealth estimates, issued by the IRS, are based on a sample of Federal estate tax returns which must be filed for deceased persons. Estimates are weighted to adjust for age, sex, and "social class" (as determined by IRS through insurance holdings). Gross estate is the gross value of all assets, including the full face value of life insurance (reduced by policy loans), before reduction by the amount of debts. Net worth is one's level of worth after all debts have been removed.

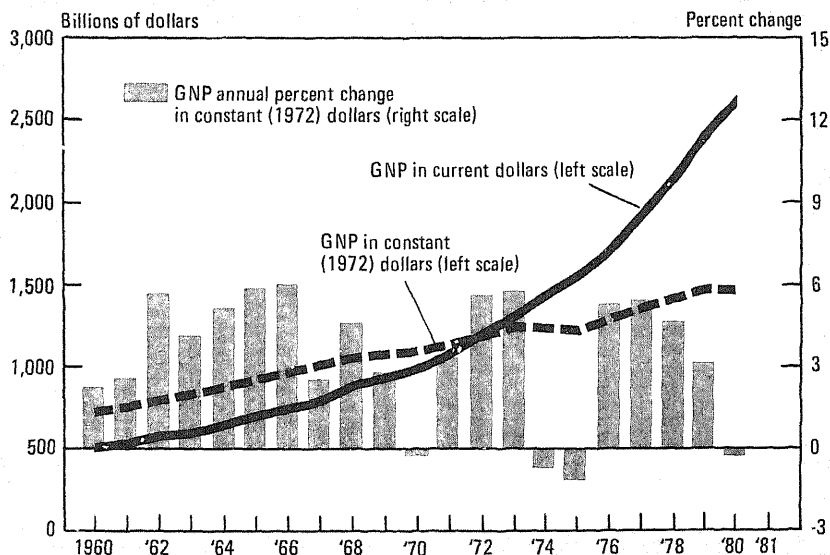
Current and constant dollars.—Figures in a number of tables in this section are expressed in both current dollars and constant dollars. Current dollar figures reflect prices prevailing during the specified period. Constant dollar figures are values which do not include the effect of price changes and are derived from price indexes based on a specified period. The constant dollar values may be obtained by dividing current dollar values for a given period by related price indexes for the same period.

The implicit price deflator for GNP is the ratio of GNP in current dollars to GNP in constant dollars. The money income statistics are deflated by means of the Consumer Price Index prepared by the Bureau of Labor Statistics; see text, Section 15, page 457.

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

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

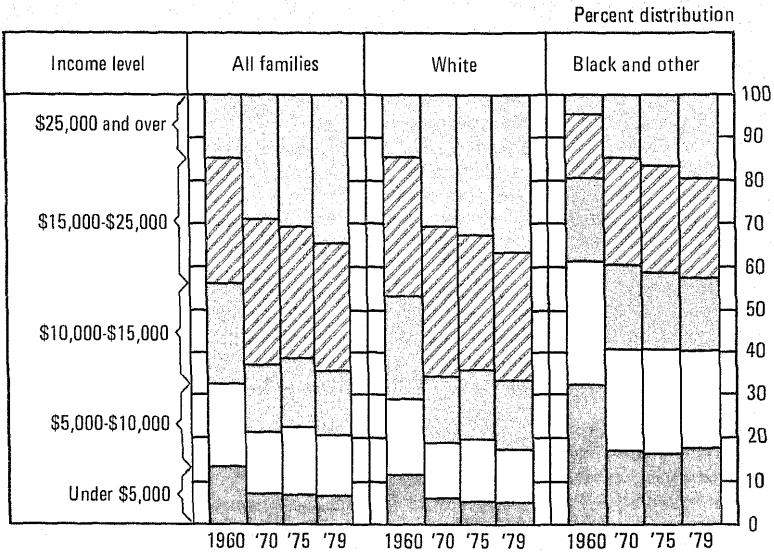
Figure 14.2
**Gross National Product (GNP) in Current
and Constant (1972) Dollars: 1960 to 1980**



Source: Chart prepared by U.S. Bureau of Census. For data, see tables 700 and 704.

Figure 14.3

Money Income of Families in Constant (1979) Dollars—Percent Distribution by Income Level and by Race: 1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 725.

No. 699. GROSS NATIONAL PRODUCT—SUMMARY: 1929 TO 1980

[In billions of dollars. Prior to 1960, excludes Alaska and Hawaii. Minus sign (–) denotes decline. See *Historical Statistics, Colonial Times to 1970*, series F 1 and F 32-70, for single-year figures prior to revisions issued in 1981]

YEAR	Gross national product	Personal consumption expenditure	Gross private domestic investment	Net exports of goods and services	Govt. purchases, goods and services	BY MAJOR TYPE OF PRODUCT			BY SECTOR			
						Goods	Services	Structures	Business	Households and institutions	Government	Rest of the world
1929	103.4	77.3	16.2	1.1	8.8	56.1	35.9	11.4	95.4	2.9	4.3	.8
1930	90.7	69.9	10.2	1.0	9.5	47.0	34.5	9.2	82.8	2.7	4.5	.7
1933	55.8	45.8	1.4	.4	8.2	27.0	25.9	2.9	49.1	1.7	4.7	.3
1940	100.0	71.0	13.1	1.8	14.2	56.0	35.7	8.3	89.4	2.4	7.8	.4
1945	212.4	119.5	10.6	–.5	82.8	128.9	77.0	6.5	172.8	4.1	35.2	.4
1950	286.5	192.0	53.8	2.2	38.5	162.4	88.5	35.6	257.5	6.4	20.9	1.6
1955	400.0	253.7	68.4	3.0	75.0	214.5	136.1	49.5	354.0	9.1	34.2	2.8
1960	506.5	324.9	75.9	5.5	100.3	254.2	193.8	58.5	442.0	13.8	47.1	3.6
1965	691.1	430.4	113.5	8.8	138.4	338.4	273.3	79.3	598.4	19.2	67.6	5.9
1970	992.7	621.7	144.2	6.7	220.1	459.9	429.9	102.9	837.3	32.3	115.8	7.3
1971	1,077.6	672.2	166.4	4.1	234.9	485.3	472.0	120.3	907.1	35.4	126.0	9.2
1972	1,185.9	737.1	195.0	.7	253.1	529.6	519.0	137.3	998.6	38.6	137.8	10.9
1973	1,326.4	812.0	229.8	14.2	270.4	604.1	571.5	150.8	1,118.7	42.1	149.6	16.0
1974	1,434.2	888.1	228.7	13.4	304.1	646.7	636.1	151.4	1,206.4	45.8	162.2	19.8
1975	1,549.2	976.4	206.1	26.8	339.9	694.0	705.2	150.0	1,301.7	50.6	179.6	17.3
1976	1,718.0	1,084.3	257.9	13.8	362.1	771.1	779.3	167.6	1,447.3	55.6	194.6	20.5
1977	1,918.0	1,205.5	322.3	–4.2	394.5	852.6	869.0	196.4	1,623.1	61.0	210.4	23.5
1978	2,156.1	1,348.7	375.3	–6	432.6	946.6	976.2	233.2	1,829.4	67.5	229.2	29.9
1979	2,413.9	1,510.9	415.8	13.4	473.8	1,055.9	1,097.2	260.8	2,046.3	75.7	248.1	43.8
1980	2,626.1	1,672.6	395.3	23.3	534.7	1,131.2	1,229.5	265.8	2,221.2	85.9	269.3	49.7

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*; and 1976-79, and *Survey of Current Business*, March 1981.

Gross National Product

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NO. 700. GNP IN CURRENT AND CONSTANT (1972) DOLLARS: 1960 TO 1980

[In billions of dollars, except as indicated. Minus sign (–) denotes decline. See *Historical Statistics, Colonial Times to 1970*, series F 1, F 5, and F 47–70 for single-year figures prior to revisions issued in 1981]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
CURRENT DOLLARS												
Gross national product (GNP)	507	691	993	1,186	1,326	1,434	1,549	1,718	1,918	2,156	2,414	2,626
Avg. annual percent change ¹	4.9	6.4	7.5	9.3	11.8	8.1	8.0	10.9	11.6	12.4	11.9	8.9
Implicit price deflator ²	68.7	74.4	91.5	100.0	105.7	114.9	125.6	132.1	139.8	150.1	162.8	177.4
Personal consumption expenditure	325	430	622	737	812	888	976	1,084	1,205	1,349	1,511	1,673
Durable goods	43	63	85	111	123	122	132	157	179	199	212	212
Nondurable goods	151	189	266	301	333	373	407	442	479	530	602	676
Services	131	179	271	325	355	393	437	486	548	620	696	785
Gross private domestic investment	76	114	144	195	230	229	206	258	322	375	416	395
Fixed investment	73	104	141	185	211	215	213	246	301	353	398	401
Nonresidential	48	73	104	121	143	157	158	174	206	242	280	296
Residential	24	31	37	64	68	58	55	72	96	111	119	105
Business inventories change	3	10	3	10	18	14	–7	12	21	22	17	–6
Net exports	5	9	7	1	14	13	27	14	–4	–1	13	20
Exports, goods and services	29	41	66	77	110	146	155	171	193	220	281	340
Imports, goods and services	23	32	59	77	95	133	128	157	187	220	268	317
Government purchases ³	100	138	220	253	270	304	340	382	394	433	474	535
Federal	54	67	96	102	102	111	123	129	144	153	168	199
National defense	44	49	74	73	73	77	83	86	93	100	111	132
State and local	47	71	124	151	168	193	217	233	251	279	306	336
Final sales ⁴	504	681	990	1,176	1,308	1,420	1,556	1,706	1,897	2,134	2,396	2,632
CONSTANT (1972) DOLLARS												
Gross national product (GNP)	737	929	1,086	1,186	1,255	1,248	1,234	1,300	1,372	1,437	1,483	1,481
Annual percent change ¹	2.3	4.7	3.2	4.5	5.8	–6	–1.1	5.4	5.5	4.8	3.2	–2
Potential GNP ⁵	772	925	1,106	1,186	1,235	1,278	1,321	1,365	1,411	1,459	1,505	1,549
Personal consumption expenditure	452	558	672	737	769	764	780	824	864	905	931	935
Durable goods	51	72	89	111	121	112	113	127	138	146	147	136
Nondurable goods	208	244	284	301	308	303	308	323	334	346	355	358
Services	192	241	299	325	339	348	359	375	392	413	430	441
Gross private domestic investment	105	152	159	195	218	196	155	185	214	230	233	204
Fixed investment	101	140	155	185	200	184	162	177	201	216	223	206
Nonresidential	67	97	114	121	138	136	119	126	141	153	163	158
Residential	34	43	41	64	62	48	42	51	61	62	59	48
Business inventories change	4	12	4	10	17	12	–7	8	12	14	10	–3
Net exports	8	10	4	1	16	28	32	25	22	25	38	52
Exports, goods and services	38	52	71	78	97	109	104	110	113	128	147	161
Imports, goods and services	31	42	67	77	82	81	71	85	91	103	109	109
Government purchases ³	173	210	251	253	254	261	267	267	272	278	282	290
Federal	90	100	111	102	96	97	97	97	101	100	102	108
State and local	82	110	141	151	158	165	169	170	172	178	180	182
Final sales ⁴	734	916	1,082	1,176	1,238	1,236	1,241	1,293	1,359	1,423	1,473	1,484

¹ Change from prior year shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. ² 1972=100. ³ Purchases of goods and services. ⁴ GNP minus inventory change. ⁵ Source: U.S. Council of Economic Advisers. Potential GNP is the output the economy could produce with the existing technology under assumed conditions of high, sustainable utilization of the factors of production. See *Economic Report of the President*, January 1981.

Source: Except as noted, U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *1976–79*, and *Survey of Current Business*, March 1981.

NO. 701. GNP COMPONENTS—ANNUAL GROWTH RATES: 1960 TO 1980

[Percent. Represents changes in constant 1972 dollar GNP. GNP = Gross national product. See headnote, table 704]

YEAR OR PERIOD	GNP	PERSONAL CONSUMPTION EXPENDITURES				GROSS PRIVATE DOMESTIC INVESTMENT			GOVERNMENT PURCHASES		Im-ports	Ex-ports
		Total	Dura-ble goods	Non-durable goods	Serv-ices	Total	Fixed investment		Fed-eral	State and local		
							Resi-dential	Nonresi-dential				
1960-1965	4.7	4.3	7.2	3.2	4.6	7.7	4.5	7.8	2.1	5.9	6.3	6.1
1965-1970	3.2	3.8	4.2	3.1	4.4	9	-8	3.2	2.0	5.1	9.9	6.4
1970-1971	3.4	3.7	10.2	1.8	3.5	9.7	31.0	-1.4	-6.2	4.2	4.1	7
1971-1972	5.7	5.8	13.1	4.1	5.0	12.1	18.8	7.8	-1.9	3.4	10.7	9.2
1972-1973	5.8	4.3	9.2	2.5	4.3	11.5	-2.4	14.1	-5.7	4.1	6.7	25.6
1973-1974	-6	-6	-7.4	-1.5	2.6	-10.1	-22.6	-1.7	-7	4.4	-1.3	11.5
1974-1975	-1.1	2.2	4	1.6	3.3	-20.8	-12.5	-12.1	8	2.9	-11.5	-4.5
1975-1976	5.4	5.6	12.3	4.6	4.3	19.2	21.3	5.3	-6	4	18.6	6.3
1976-1977	5.5	4.9	9.3	3.3	4.5	15.7	18.4	11.9	4.0	9	7.8	2.8
1977-1978	4.8	4.7	5.7	3.5	5.4	7.6	3.0	9.1	-9	3.7	12.8	12.6
1978-1979	3.2	2.9	2	2.6	4.1	1.3	-5.3	6.5	1.9	1.2	6.0	15.2
1979-1980	-2	4	-7.4	1.0	2.6	-12.4	-18.4	-3.1	6.4	9	-2	9.7

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *1976–79*, *Survey of Current Business*, March 1981, and unpublished data.

NO. 702. GROSS NATIONAL PRODUCT, BY MAJOR ECONOMIC GROUPS: 1960 TO 1980

[In billions of dollars. See *Historical Statistics, Colonial Times to 1970*, series F 1, 9, 20, 52, 63-66, and 162, for single-year figures prior to revisions issued in 1981]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980
Gross national product	506.5	691.1	992.7	1,549.2	1,718.0	1,918.0	2,156.1	2,413.9	2,626.1
Persons:									
Disposable personal income ¹	344.6	464.0	677.5	1,070.7	1,166.8	1,279.6	1,425.1	1,597.1	1,774.1
Personal consumption expenditures.....	324.9	430.4	621.7	976.4	1,084.3	1,205.5	1,348.7	1,510.9	1,672.8
Personal saving.....	19.7	33.7	55.8	94.3	82.5	74.1	76.3	86.2	101.3
Business:									
Gross retained earnings ²	58.3	86.0	102.8	188.4	211.9	248.3	279.1	312.7	331.2
Gross private domestic investment.....	75.9	113.5	144.2	206.1	257.9	322.3	375.3	415.8	395.4
Excess of investment (-).....	-17.6	-27.5	-41.4	-17.7	-46.0	-74.0	-96.2	-103.1	-64.2
Government:									
Receipts less transfer payments, etc. ³	103.4	138.9	209.3	275.2	324.7	374.9	430.7	484.4	501.1
Purchases of goods and services.....	100.3	138.4	220.1	339.9	362.1	394.5	432.6	473.8	534.7
Surplus or deficit (-).....	3.1	.5	-10.6	-63.8	-36.5	-18.3	-.2	11.9	-32.1
Foreign:									
Receipts from foreigners.....	28.9	41.1	66.5	154.9	170.9	183.3	219.8	282.5	340.9
Exports of goods and services.....	28.9	41.1	65.7	154.9	170.9	183.3	219.8	281.3	339.8
Capital grants received by the United States.....	-	-	.9	-	-	-	-	1.1	1.1
Payments to foreigners.....	28.9	41.1	66.5	154.9	170.9	183.3	219.8	282.5	340.9
Imports of goods and services.....	23.4	32.3	59.0	128.1	157.1	187.5	220.4	267.9	316.5
Transfer payments plus interest paid by Government to foreigners.....	2.6	3.3	4.3	8.5	8.7	9.6	13.2	16.2	18.5
Net foreign investment.....	2.8	5.4	3.2	18.3	5.1	-13.9	-13.8	-1.7	5.9
Statistical discrepancy	-2.4	-1.2	-1.5	5.5	5.1	4.4	6.4	2.2	1.7

- Represents zero. ¹ Less interest paid by consumers to business and personal transfers to foreigners (net). ² Undistributed corporate profits with inventory valuation and corporate capital consumption adjustments plus corporate and noncorporate capital consumption allowances with capital consumption adjustment, plus wage accruals less disbursements. ³ Government receipts, less transfer payments to persons, transfer payments to foreigners (net), net interest paid, and subsidies less current surplus of government enterprises; plus wage accruals less disbursements.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76* and 1976-79, and *Survey of Current Business*, July 1981.

NO. 703. GROSS NATIONAL PRODUCT, BY INDUSTRY, IN CURRENT AND CONSTANT (1972) DOLLARS: 1960 TO 1980

[In billions of dollars. The current-dollar data differ from national income by industry (table 711) for two reasons: (1) Current dollar data include both factor and non-factor charges against gross product; and (2) profits have been shifted from a company to an establishment basis. See *Historical Statistics, Colonial Times to 1970*, series F 130-143, for single-year figures prior to revisions issued in 1981]

INDUSTRY	1960	1965	1970	1975	1976	1977	1978	1979	1980
CURRENT DOLLARS									
All industries, total	506.5	691.1	992.7	1,549.2	1,718.0	1,918.0	2,156.1	2,413.9	2,626.1
Agriculture, forestry, fisheries.....	21.4	23.8	28.6	53.3	51.2	53.8	65.2	78.4	77.2
Mining.....	12.6	13.5	17.6	38.8	43.0	48.6	53.6	69.4	94.1
Construction.....	23.2	32.8	48.9	69.9	76.6	86.7	99.9	113.1	119.7
Manufacturing.....	143.8	197.7	252.2	358.2	410.4	462.4	519.0	569.5	591.1
Transportation.....	22.5	28.8	38.7	55.6	63.2	71.2	81.7	90.7	97.1
Communication.....	10.5	15.2	23.8	40.0	45.1	49.4	55.3	61.1	69.0
Electric, gas, sanitary services.....	12.8	16.6	23.1	40.1	44.3	49.9	55.8	60.0	68.4
Wholesale and retail trade.....	84.1	112.6	166.6	266.2	291.4	322.5	355.3	392.0	421.7
Finance, insurance, real estate.....	71.6	98.0	142.4	216.2	238.6	274.0	310.0	350.8	392.0
Services.....	49.2	70.8	114.4	186.2	208.2	234.3	264.7	302.5	343.5
Government and government enterprises.....	52.7	75.4	128.9	201.0	217.7	235.0	256.1	280.7	303.4
Rest of world (incl. stat. discrepancy).....	1.2	4.7	5.8	22.8	25.6	27.9	36.3	46.0	49.0
CONSTANT (1972) DOLLARS									
All industries, total	737.2	929.3	1,085.6	1,233.9	1,300.4	1,371.7	1,436.9	1,483.0	1,480.7
Agriculture, forestry, fisheries.....	32.1	32.8	34.4	37.1	35.8	36.8	37.2	39.6	40.2
Mining.....	13.5	15.7	18.9	18.9	19.1	19.8	20.5	21.0	22.1
Construction.....	46.1	54.4	53.4	48.3	52.8	55.3	58.8	58.3	54.4
Manufacturing.....	171.8	236.7	261.2	289.6	317.4	338.7	356.9	368.0	351.0
Transportation.....	30.3	37.1	42.7	46.2	48.5	51.1	54.7	55.9	53.3
Communication.....	12.1	16.9	25.1	36.2	38.9	41.7	45.8	50.3	55.1
Electric, gas, sanitary services.....	15.0	19.4	26.1	31.1	31.2	32.3	33.9	34.8	35.6
Wholesale and retail trade.....	117.5	148.2	176.5	209.7	220.2	230.8	242.1	248.2	243.0
Finance, insurance, real estate.....	102.7	128.5	155.8	187.9	194.8	208.9	218.9	227.5	236.4
Services.....	83.5	103.1	126.7	148.5	154.7	162.4	171.2	178.6	183.5
Government and government enterprises.....	107.7	127.8	152.9	164.3	165.7	168.1	172.3	174.9	176.3
Rest of world (incl. residual).....	5.0	8.6	11.0	16.3	21.5	25.5	24.6	24.8	30.2

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and 1976-79, and *Survey of Current Business*, July 1981.

NO. 704. ANNUAL GROWTH RATES OF REAL GNP: 1950 TO 1980

[Percent. Figures represent average annual compounded rates of change in real gross national product, based on estimates by Dept. of Commerce of gross national product (expressed in constant 1972 dollars). Minus sign (—) denotes decline. To obtain annual rate of change between any 2 years shown, find column for initial year at top of table and read figure in that column opposite terminal year shown at left. See *Historical Statistics, Colonial Times to 1970*, series F 31, for single-year figures prior to revisions issued in 1981. X = Not applicable]

TERMINAL YEAR	INITIAL YEAR																
	1950	1955	1960	1965	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
1951.....	8.3	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1956.....	3.9	2.1	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1961.....	3.2	2.4	2.6	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1966.....	3.9	3.7	4.9	6.0	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1968.....	3.9	3.7	4.6	4.4	4.6	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1969.....	3.8	3.7	4.4	4.0	3.7	2.8	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1970.....	3.6	3.4	3.9	3.2	2.4	1.3	—2	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1971.....	3.6	3.4	3.9	3.2	2.6	2.0	1.6	3.4	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1972.....	3.7	3.5	4.0	3.5	3.2	2.9	2.9	4.5	5.7	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1973.....	3.9	3.7	4.2	3.8	3.7	3.5	3.6	5.0	5.7	5.8	(x)	(x)	(x)	(x)	(x)	(x)	(x)
1974.....	3.6	3.4	3.9	3.3	3.0	2.8	2.8	3.5	5.6	2.6	—6	(x)	(x)	(x)	(x)	(x)	(x)
1975.....	3.4	3.2	3.5	2.9	2.5	2.2	2.1	2.6	2.4	1.3	—8	—1	(x)	(x)	(x)	(x)	(x)
1976.....	3.5	3.3	3.6	3.1	2.8	2.6	2.6	3.1	3.0	2.3	1.2	2.1	5.4	(x)	(x)	(x)	(x)
1977.....	3.6	3.4	3.7	3.3	3.1	2.9	2.9	3.4	3.4	3.0	2.2	3.2	5.4	5.5	(x)	(x)	(x)
1978.....	3.6	3.5	3.8	3.4	3.2	3.1	3.1	3.6	3.6	3.3	2.7	3.6	5.2	5.1	4.8	(x)	(x)
1979.....	3.6	3.4	3.7	3.4	3.2	3.1	3.1	3.5	3.5	3.2	2.8	3.5	4.7	4.5	4.0	3.2	(x)
1980.....	3.5	3.3	3.5	3.2	3.0	2.8	2.8	3.2	3.1	2.8	2.4	2.9	3.7	3.3	2.6	1.5	—2

NO. 705. ANNUAL GROWTH RATES OF GROSS DOMESTIC PRODUCT—INTERNATIONAL COMPARISONS, SELECTED PERIODS: 1929 TO 1979

[In percent. See headnote, table 704. See also *Historical Statistics, Colonial Times to 1970*, series F 10-16]

COUNTRY	1929- 50	1950- 60	1950- 79	1960- 70	1960- 79	1970- 79	1973- 74	1974- 75	1975- 76	1976- 77	1977- 78	1978- 79
United States: Total.....	2.9	3.2	3.4	3.9	3.6	3.2	—1.3	—1.0	5.6	5.1	4.4	2.4
Per capita.....	1.8	1.4	2.1	2.6	2.5	2.4	—2.0	—1.7	4.9	4.3	3.6	1.5
Canada: Total.....	3.2	4.6	4.8	5.2	4.8	4.4	3.5	1.1	5.8	2.4	3.6	2.9
Per capita.....	1.8	1.9	2.8	3.4	3.3	3.2	2.0	—4	4.4	1.3	2.7	2.1
France: Total.....	—	4.6	4.7	5.6	4.8	3.9	3.2	—2	5.2	2.6	3.6	3.2
Per capita.....	—1	3.6	3.8	4.5	3.9	3.3	2.6	—3	4.8	2.4	3.2	2.8
Germany, F.R.: Total.....	1.9	8.0	5.3	4.7	3.9	2.9	—5	—1.8	5.2	3.0	3.3	4.6
Per capita.....	—7	6.4	4.4	3.8	3.3	2.8	—4	—1.5	5.7	3.3	3.4	4.5
Italy: Total.....	1.0	15.5	14.8	5.7	4.4	3.0	4.1	—3.6	5.9	1.9	2.6	5.0
Per capita.....	—3	14.8	14.1	5.0	3.7	2.4	3.2	—4.3	5.2	1.4	2.1	4.6
Japan: Total.....	—6	8.0	8.3	11.2	8.4	5.4	—3	1.4	6.5	5.4	5.9	5.9
Per capita.....	(NA)	6.9	7.1	10.1	7.2	4.1	—1.7	—1	5.3	4.4	4.9	5.0
United Kingdom: Total.....	1.6	2.8	2.6	2.8	2.5	2.2	—1.5	—8	4.2	1.0	3.6	.9
Per capita.....	1.2	2.4	2.3	2.2	2.2	2.1	—1.5	—7	4.2	1.1	3.6	.8

— Represents zero. NA Not available. ¹Initial year 1951. ²Initial year 1952.

Source of tables 704 and 705: U.S. Bureau of Economic Analysis. Adapted from *Long Term Economic Growth, 1860-1970*.

NO. 706. PER CAPITA INCOME AND PRODUCT FOR SELECTED ITEMS: 1960 TO 1980

[Based on Bureau of the Census estimated population including Armed Forces abroad as of July 1, 1960-1973; thereafter, based on quarterly averages. See *Historical Statistics, Colonial Times to 1970*, series F 17-30, for single-year figures prior to minor revisions issued in 1981]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
CURRENT DOLLARS											
Gross national product.....	2,802	3,556	4,841	6,258	6,705	7,173	7,878	8,707	9,685	10,723	11,536
Personal income.....	2,226	2,782	3,955	5,026	5,463	5,857	6,379	6,982	7,734	8,635	9,489
Disposable personal income.....	1,947	2,448	3,390	4,315	4,667	5,075	5,477	5,954	6,571	7,293	8,002
Personal consumption expenditures.....	1,797	2,214	3,031	3,831	4,152	4,521	4,972	5,472	6,058	6,712	7,348
Durable goods.....	238	324	415	582	568	612	719	812	895	943	931
Nondurable goods.....	836	971	1,296	1,573	1,746	1,886	2,025	2,174	2,380	2,675	2,968
Services.....	723	920	1,320	1,676	1,838	2,023	2,227	2,486	2,763	3,093	3,449
CONSTANT (1972) DOLLARS											
Gross national product.....	4,079	4,782	5,293	5,921	5,835	5,713	5,965	6,227	6,454	6,588	6,504
Disposable personal income.....	2,709	3,171	3,665	4,083	4,013	4,055	4,161	4,266	4,409	4,493	4,473
Personal consumption expenditures.....	2,501	2,868	3,277	3,626	3,570	3,612	3,777	3,922	4,064	4,135	4,108
Durable goods.....	284	374	434	572	525	522	580	628	657	651	597
Nondurable goods.....	1,152	1,255	1,384	1,453	1,418	1,427	1,479	1,516	1,553	1,575	1,574
Services.....	1,064	1,239	1,459	1,600	1,627	1,664	1,718	1,777	1,854	1,909	1,937

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76* and *1976-79*, and *Survey of Current Business*, July issues and March 1981.

NO. 707. RELATION OF GNP, NATIONAL INCOME, AND PERSONAL INCOME: 1960 TO 1980

[In billions of dollars. For definitions, see pp. 417-419. See *Historical Statistics, Colonial Times to 1970*, series F 6-9 and F 144-162, for figures prior to revisions issued in 1981]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980
Gross national product.....	506.5	691.1	992.7	1,549.2	1,718.0	1,918.0	2,156.1	2,413.9	2,626.1
Less: Capital consumption allowances ¹	46.3	56.0	68.1	159.3	175.0	196.0	221.2	253.6	287.3
Equals: Net national product².....	460.2	635.0	904.7	1,389.9	1,543.0	1,722.0	1,934.9	2,160.3	2,338.3
Plus: Subsidies less current surplus of government enterprises.....	4	1.6	2.9	2.4	1.0	3.1	3.6	3.1	4.6
Less: Indirect business tax and nontax liability ³	45.4	62.6	94.3	140.1	151.7	166.5	178.1	188.4	212.2
Equals: National Income.....	415.7	572.4	810.7	1,239.4	1,379.2	1,546.5	1,745.4	1,963.3	2,119.5
Less: Corporate profits ⁴	47.6	80.0	71.4	110.5	138.1	164.7	185.5	196.8	180.7
Net interest.....	11.4	21.0	41.4	84.5	87.2	100.9	115.8	143.4	179.9
Contributions for social insurance.....	21.1	30.0	58.6	110.9	126.0	140.6	161.8	187.1	203.7
Plus: Government transfer payments to persons.....	27.0	37.6	76.1	170.9	186.4	199.3	214.6	239.9	283.8
Personal interest income.....	25.0	29.7	69.4	123.2	132.5	151.6	173.2	209.6	256.2
Dividends.....	12.9	19.1	22.2	29.9	36.5	38.7	43.1	48.6	54.4
Business transfers.....	2.0	2.8	4.1	7.4	7.9	8.2	8.7	9.4	10.5
Equals: Personal Income.....	402.3	540.7	811.1	1,265.0	1,391.2	1,538.0	1,721.8	1,943.8	2,160.2
Less: Personal tax and nontax payments.....	50.4	64.9	115.8	168.9	196.8	226.5	258.8	302.0	338.5
Equals: Disposable personal income.....	352.0	475.8	695.3	1,096.1	1,194.4	1,311.5	1,462.9	1,641.7	1,821.7
Less: Personal outlays.....	332.3	442.1	639.5	1,001.8	1,111.9	1,237.5	1,386.6	1,555.5	1,720.4
Equals: Personal saving.....	19.7	33.7	55.8	94.3	82.5	74.1	76.3	86.2	101.3

¹With capital consumption adjustment. ²Includes statistical discrepancy, not shown separately. ³Includes business transfers; see below for figures. ⁴With inventory valuation and capital consumption adjustments.

NO. 708. PERSONAL CONSUMPTION EXPENDITURES, BY MAJOR TYPE OF PRODUCT IN CURRENT AND CONSTANT (1972) DOLLARS: 1960 TO 1980

[In billions of dollars. Represents market value of goods and services purchased by individuals and nonprofit institutions, and value of food, clothing, housing, and financial services received by them as income in kind. See *Historical Statistics, Colonial Times to 1970*, series G 416-469, for single years prior to revisions issued in 1981]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Total, current dollars.....	324.9	430.4	621.7	888.1	976.4	1,084.3	1,205.5	1,348.7	1,510.9	1,672.3
Durable goods ¹	43.1	63.0	85.2	121.5	132.2	156.8	178.8	199.3	212.3	211.9
Motor vehicles and parts.....	19.7	30.0	36.2	50.4	55.8	72.6	85.0	94.3	95.5	89.9
Furniture and household equipment.....	17.7	24.7	35.2	50.6	53.5	59.1	65.8	72.9	81.1	84.6
Nondurable goods ¹	151.1	188.6	265.7	373.4	407.3	441.7	479.0	529.8	602.2	675.4
Food, beverages, ² tobacco.....	88.0	107.0	149.7	207.7	228.5	247.0	266.9	294.3	331.3	366.1
Food excl. alcoholic beverages.....	70.5	85.8	119.6	167.5	185.2	200.4	217.9	241.4	273.2	302.9
Alcoholic beverages.....	10.6	13.1	19.2	26.2	28.4	30.1	32.4	34.9	38.9	42.8
Tobacco products.....	6.9	8.1	10.8	14.0	14.8	16.5	16.7	18.0	19.2	20.4
Clothing, accessories, jewelry ¹	32.2	40.3	55.8	76.0	81.6	88.6	96.3	107.8	116.2	123.5
Clothing, accessories (except footwear).....	22.2	28.1	39.0	54.8	58.8	63.6	69.1	77.2	82.7	87.4
Women's and children's.....	14.4	18.4	25.2	35.5	38.2	41.5	44.8	50.3	54.0	57.2
Men's and boys'.....	7.7	9.7	13.8	19.3	20.6	22.1	24.3	26.8	28.7	30.2
Shoes and other footwear.....	4.5	5.3	7.6	10.0	10.7	11.6	13.0	14.7	16.1	17.3
Jewelry and watches.....	1.9	2.6	3.9	5.9	6.4	7.3	7.8	8.9	9.7	10.3
Cleaning, storage, and repair of shoes and clothes.....	3.2	3.6	4.2	4.2	4.3	4.5	4.7	5.2	5.6	6.1
Gasoline and oil.....	12.0	14.7	22.4	36.6	40.4	44.0	48.2	52.7	68.4	89.0
Services ¹	130.7	178.7	270.8	393.2	437.0	485.7	547.7	619.6	696.3	785.1
Housing.....	48.1	65.5	93.9	137.4	149.8	166.5	186.8	213.1	241.9	272.0
Household operation.....	20.1	26.3	37.7	55.2	63.3	71.6	80.8	89.5	98.7	111.7
Transportation.....	10.7	13.7	22.0	30.9	33.2	38.6	45.3	51.0	57.2	63.8
Total, constant (1972) dollars.....	452.0	557.5	672.1	763.6	780.2	823.7	863.9	904.8	930.9	934.9
Durable goods ¹	51.4	72.6	89.1	112.3	112.7	126.6	138.4	146.3	146.6	135.8
Motor vehicles and parts.....	24.4	34.8	38.2	47.0	47.5	57.3	63.5	65.7	61.7	53.8
Furniture and household equipment.....	19.7	27.8	36.1	46.8	45.9	48.9	53.0	56.5	59.8	59.0
Nondurable goods.....	208.2	244.0	283.7	303.3	308.2	322.5	334.0	345.7	354.6	358.2
Gasoline and oil.....	14.2	16.8	22.9	24.8	25.6	26.8	27.7	29.0	28.1	26.2
Services ¹	192.4	240.9	299.3	348.0	359.3	374.7	391.5	412.8	429.6	440.8
Housing.....	64.0	81.6	102.0	124.2	128.3	134.9	142.2	151.3	159.3	164.2
Household operation.....	27.6	33.9	42.3	47.6	49.9	52.0	54.7	57.3	59.6	61.5
Transportation.....	17.0	19.9	25.2	28.8	29.6	30.8	31.9	33.8	35.5	34.6

¹Includes items not shown separately. ²Includes alcoholic and nonalcoholic beverages.

Source of tables 707 and 708: Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and 1976-79; and *Survey of Current Business*, July 1981.

NO. 709. NATIONAL INCOME, BY TYPE OF INCOME: 1929 TO 1980

[In billions of dollars. Prior to 1960, excludes Alaska and Hawaii. Minus sign (—) denotes decrease. See *Historical Statistics, Colonial Times to 1970*, series F 163-185, for single-year figures prior to revisions issued in 1981]

TYPE OF INCOME	1929	1930	1933	1935	1940	1945	1947	1950	1955	
National Income.....	84.8	73.8	39.9	56.4	79.7	180.7	195.0	237.6	330.5	
Compensation of employees.....	51.1	46.8	29.5	37.3	52.1	123.1	129.2	154.8	224.9	
Proprietors' income ¹	15.0	11.9	5.9	10.7	13.0	31.8	35.9	38.7	42.9	
Rental income of persons ²	4.9	4.4	2.2	1.8	2.7	4.6	5.3	7.1	11.3	
Corporate profits ¹	9.0	5.8	-1.7	2.5	8.6	19.0	22.3	33.9	45.5	
Net interest.....	4.7	4.9	4.1	4.1	3.3	2.2	2.3	3.0	5.9	
	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
National Income.....	415.7	572.4	810.7	1,160.7	1,239.4	1,379.2	1,546.5	1,745.4	1,963.3	2,119.5
Compensation of employees.....	294.9	396.5	612.0	877.5	931.4	1,036.3	1,152.3	1,299.7	1,460.9	1,596.5
Wages and salaries.....	271.9	362.0	548.7	765.2	806.4	889.9	983.8	1,105.4	1,235.9	1,343.6
Private.....	222.8	292.1	431.6	604.8	630.3	701.2	781.5	885.7	1,000.0	1,090.0
Government and Government enterprises.....	49.2	69.9	117.1	160.4	176.1	188.7	202.3	219.6	235.9	253.6
Supplements to wages, salaries.....	23.0	34.5	63.2	112.3	125.0	146.4	168.5	194.3	225.0	252.9
Employer contributions for social insurance.....	11.8	16.7	30.7	56.4	60.5	70.5	79.5	92.1	106.4	115.8
Other labor income.....	11.2	17.8	32.5	55.8	64.5	75.9	89.0	102.2	118.6	137.1
Proprietors' income ¹	47.2	56.9	66.2	88.7	90.0	94.1	103.5	117.1	131.6	130.7
Farm.....	11.7	13.1	14.3	26.5	24.6	19.1	18.4	26.1	30.8	23.4
Nonfarm.....	35.5	43.8	51.9	62.2	65.4	75.0	85.1	91.0	100.7	107.2
Rental income of persons ²	14.5	18.0	19.7	23.5	23.0	23.5	25.1	27.4	30.5	31.8
Corporate profits ¹	47.6	80.0	71.4	94.9	110.5	138.1	164.7	185.5	196.8	180.7
Profits before tax.....	49.8	77.2	75.4	136.7	132.1	166.3	192.6	223.3	255.4	241.8
Profits tax liability.....	22.7	30.9	34.2	51.6	50.6	63.8	72.6	83.0	87.6	80.7
Profits after tax.....	27.1	46.3	41.3	85.1	81.5	102.5	120.0	140.3	167.8	161.1
Dividends.....	12.9	19.1	22.5	29.9	30.8	37.4	39.9	44.6	50.2	56.0
Undistributed profits.....	14.3	27.2	18.8	55.2	50.7	65.1	80.1	95.7	117.6	105.1
Inventory valuation adjust.....	-2	-1.2	-6.6	-40.0	-11.6	-14.7	-15.8	-24.3	-42.6	-43.9
Capital consump. adjustment.....	-2.0	4.0	2.5	-1.8	-10.1	-13.5	-12.0	-13.5	-15.9	-17.2
Net interest.....	11.4	21.0	41.4	76.1	84.5	87.2	100.9	115.8	143.4	179.9

¹ With inventory valuation and capital consumption adjustments.

² With capital consumption adjustment.

NO. 710. NATIONAL INCOME, BY SECTOR: 1960 TO 1979

[In billions of dollars. Minus sign (—) denotes loss. See *Historical Statistics, Colonial Times to 1970*, series F 192-209, for single-year figures prior to revisions issued in 1981]

SECTOR	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
National income	415.7	572.4	810.7	1,086.2	1,160.7	1,239.4	1,379.2	1,546.5	1,745.4	1,963.3
Originating in business	351.1	479.8	655.3	878.4	933.0	991.8	1,108.5	1,251.6	1,418.7	1,595.7
Corporate business.....	235.2	336.5	476.5	642.9	667.8	736.4	833.8	948.8	1,073.1	1,199.8
Compensation of employees.....	190.8	259.7	400.8	535.9	569.5	617.4	694.4	782.6	891.8	1,011.5
Corporate profits ¹	44.6	75.5	64.9	94.5	78.6	97.5	123.8	149.2	165.8	166.5
Net interest.....	-3	1.2	10.8	12.5	19.7	21.5	15.5	17.0	15.5	21.9
Sole proprietors, partnerships.....	84.2	99.2	118.5	156.3	157.0	160.7	171.9	187.9	214.7	245.2
Compensation of employees.....	36.2	40.0	46.8	52.7	56.6	57.9	63.6	68.2	78.0	88.9
Proprietors' income ¹	46.8	56.5	65.8	93.1	87.8	89.0	92.9	102.2	115.7	130.1
Net interest.....	1.2	2.7	6.0	10.5	12.6	13.9	15.4	17.6	20.9	26.3
Other private business ²	26.1	36.4	47.2	62.3	69.1	73.3	79.7	90.2	104.1	121.0
Compensation of employees.....	1.5	2.2	3.1	4.0	4.3	4.5	5.0	5.6	6.3	7.2
Rental income of persons ³	14.5	18.0	19.7	22.6	23.5	23.0	23.5	25.1	27.4	30.5
Proprietors' income ¹	4	5	5	7	9	1.1	1.2	1.3	1.4	1.5
Net interest.....	9.8	15.7	23.9	35.0	44.7	50.1	58.3	69.0	81.7	91.7
Government enterprises ⁴	5.6	7.8	13.0	16.9	19.1	21.4	23.1	24.6	26.9	29.7
Originating in—										
Government ⁴	47.1	67.6	115.8	149.6	162.2	179.6	194.6	210.4	229.2	248.1
Households and institutions ⁵	13.8	19.2	32.3	42.1	45.8	50.6	55.6	61.0	67.5	75.7
Rest of the world.....	3.6	5.9	7.3	16.0	19.8	17.3	20.5	23.5	29.9	43.8

¹ See footnote 2, table 709.

² Consists of all business activities reported on the individual income tax return in Schedule E—Supplemental Income Schedule; tax-exempt cooperatives; and owner-occupied nonfarm dwellings and buildings and equipment owned and used by nonprofit institutions serving individuals, which are considered to be business activities selling their current products to their owners.

³ See footnote 1, table 709.

⁴ Compensation of employees.

⁵ Compensation of employees in private households; social and athletic clubs; labor organizations; nonprofit schools and hospitals; religious, charitable, and welfare organizations; and all other nonprofit organizations serving individuals.

Source of tables 709 and 710: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76, and 1976-79*.

NO. 711. NATIONAL INCOME WITHOUT CAPITAL CONSUMPTION ADJUSTMENTS, BY INDUSTRIAL ORIGIN:
1960 TO 1979

[In billions of dollars, except percent. Represents net value added to production by industry, measured at factor costs. See *Historical Statistics, Colonial Times to 1970*, series F 226-237, for single-year figures prior to revisions issued in 1981]

INDUSTRY	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
National income	420.8	571.1	814.8	1,094.1	1,176.8	1,267.4	1,413.0	1,582.6	1,787.8	2,014.3
Agriculture, forestry, fisheries	17.7	20.7	24.9	47.6	43.6	44.0	40.8	43.2	54.4	64.7
Farms.....	16.7	19.1	22.5	44.3	39.9	40.3	36.5	38.1	48.5	57.9
Mining	5.6	6.1	8.0	10.5	16.0	18.6	20.9	22.9	24.8	30.1
Construction	21.4	30.5	44.8	60.1	62.4	62.4	68.7	77.9	90.3	102.6
Manufacturing	125.1	171.3	215.1	285.3	301.4	317.7	366.6	411.5	464.0	514.5
Food and kindred products.....	12.2	14.5	19.3	21.2	23.5	30.7	31.2	33.1	34.8	38.5
Tobacco manufactures.....	1.1	1.1	1.7	1.8	1.9	2.3	2.6	2.8	3.2	3.5
Textile mill products.....	4.5	5.9	7.5	9.1	9.7	8.9	10.8	12.3	13.7	14.7
Apparel and other textile products.....	4.9	6.6	8.7	10.3	10.5	10.9	12.4	13.7	15.1	15.8
Paper and allied products.....	4.7	6.0	8.2	10.9	12.0	11.8	14.2	15.5	17.1	19.3
Printing and publishing.....	6.7	8.7	11.9	15.0	15.2	16.8	18.6	21.0	23.8	26.3
Chemicals and allied products.....	8.9	12.2	15.7	20.3	22.0	24.8	28.6	30.8	33.4	36.1
Petroleum and coal products.....	4.4	4.9	6.5	8.8	14.6	14.8	18.7	18.7	20.3	27.1
Rubber and misc. plastics products.....	2.9	4.2	6.0	8.8	8.7	8.7	9.9	12.2	13.6	14.5
Leather and leather products.....	1.6	1.9	2.2	2.4	2.4	2.4	2.8	2.8	3.0	3.1
Lumber and wood products.....	3.5	4.9	6.1	9.8	9.7	8.4	11.2	13.2	15.7	17.6
Furniture and fixtures.....	2.0	2.8	3.5	4.7	4.7	4.6	5.4	6.1	7.1	7.8
Stone, clay, and glass products.....	4.6	5.7	6.9	9.8	9.9	10.0	11.9	13.0	15.6	16.9
Primary metal products.....	10.5	13.9	15.2	21.3	27.1	24.3	26.3	28.6	34.2	39.5
Fabricated metal products.....	8.8	12.6	16.4	22.4	23.1	24.5	27.9	31.7	35.5	39.2
Machinery, except electrical.....	11.9	18.4	24.7	32.3	34.9	37.2	41.7	47.9	55.4	63.2
Electrical, electronic equipment.....	10.5	14.7	19.8	26.2	25.7	26.7	30.7	36.4	42.2	47.2
Transportation equipment ¹	7.4	10.4	12.6	14.3	14.6	16.0	17.7	18.9	22.3	26.3
Motor vehicles and equipment.....	8.4	14.5	12.0	22.9	17.5	19.2	27.4	33.7	36.4	39.7
Instruments, related products.....	3.4	4.6	6.3	8.1	8.5	9.2	10.6	11.9	13.7	15.1
Miscellaneous industries.....	2.3	2.9	3.8	4.9	4.8	5.5	6.1	7.1	8.1	8.8
Transportation²	18.1	23.1	30.6	41.2	45.2	45.7	52.9	60.1	68.9	76.3
Railroad transportation.....	6.7	7.0	7.7	9.6	10.3	10.2	11.9	13.1	14.6	17.0
Local and interurban passenger.....	1.6	1.9	2.3	2.4	2.7	2.9	3.1	3.4	3.6	4.0
Trucking and warehousing.....	5.9	8.4	11.9	17.8	19.3	19.1	21.7	25.0	29.0	31.4
Water transportation.....	1.6	2.0	2.5	2.8	3.4	3.4	3.8	4.0	4.7	5.2
Air transportation.....	1.4	2.6	4.4	6.4	7.0	7.2	8.8	10.4	11.9	13.0
Communications	8.2	11.5	17.6	22.5	24.3	26.8	30.8	34.5	39.1	43.5
Telephone and telegraph.....	7.3	10.3	15.9	20.4	22.0	24.0	27.4	30.3	34.4	38.5
Electric, gas, sanitary services	8.9	11.4	14.7	18.8	18.5	24.8	27.4	31.5	35.8	38.4
Wholesale and retail trade	64.6	84.9	123.5	162.0	175.5	195.3	215.7	239.0	262.7	290.8
Wholesale trade.....	24.7	32.0	46.9	64.3	74.7	81.1	87.6	97.8	107.0	121.9
Retail trade.....	40.0	52.8	76.6	97.6	100.8	114.2	127.7	141.3	155.7	168.9
Finance, insurance, real estate²	50.0	66.2	95.3	124.8	137.1	145.2	162.7	191.2	221.6	256.3
Banking.....	7.3	8.9	16.5	19.1	21.3	21.8	21.8	24.0	28.2	34.0
Insurance carriers.....	4.8	5.9	9.3	12.9	12.3	12.8	15.9	21.9	23.6	24.1
Insurance agents, brokers, etc.....	2.1	3.0	4.2	5.6	5.7	6.7	8.0	9.6	10.6	12.2
Real estate.....	33.7	45.4	61.2	83.4	92.4	98.1	110.0	128.3	151.0	176.7
Services²	44.7	64.3	104.1	138.8	151.7	168.7	188.7	212.4	240.3	275.3
Hotels, other lodging places.....	2.0	2.8	4.5	5.9	6.2	7.0	8.0	9.0	10.7	12.3
Personal services.....	4.6	6.0	7.6	8.0	8.3	8.6	9.4	10.4	11.6	12.7
Business services.....	5.4	8.9	15.0	20.3	22.0	24.0	27.8	32.3	38.2	45.9
Health services.....	10.7	15.8	29.4	40.9	46.4	54.1	60.8	68.6	75.4	86.9
Legal services.....	2.7	4.2	6.7	9.6	10.7	11.5	12.7	14.4	16.1	18.1
Educational services.....	2.2	3.7	7.0	9.7	10.3	11.0	11.4	11.8	12.8	14.1
Social services.....						4.8	5.5	6.0	7.2	8.4
Membership organizations.....	4.5	6.4	10.0	12.9	14.0	10.8	11.3	12.3	13.3	14.4
Private households.....	3.8	4.0	4.5	4.8	4.6	4.6	5.4	5.9	6.2	6.4
Government and govt. enterprises	52.7	75.4	128.9	166.5	181.3	201.0	217.7	235.0	256.1	277.8
Federal.....	25.3	33.3	53.2	62.4	66.7	71.9	76.3	81.2	87.8	93.4
State and local.....	27.4	42.1	75.7	104.1	114.6	129.1	141.4	153.8	168.4	184.4
Rest of the world	3.6	5.9	7.3	16.0	19.8	17.3	20.5	23.5	29.9	43.8
National income, percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agriculture, forestry, fisheries.....	4.2	3.6	3.1	4.4	3.7	3.5	2.9	2.7	3.0	3.2
Mining and construction.....	6.4	6.4	6.5	6.5	6.7	6.4	6.3	6.4	6.4	6.6
Manufacturing.....	29.7	30.0	26.4	26.1	25.6	25.1	25.9	26.0	26.0	25.5
Transportation.....	4.3	4.0	3.8	3.8	3.8	3.6	3.7	3.8	3.9	3.8
Communications and utilities.....	4.1	4.0	4.0	3.8	3.6	4.1	4.1	4.2	4.2	4.1
Wholesale and retail trade.....	15.4	14.9	15.2	14.8	14.9	15.4	15.3	15.1	14.7	14.4
Finance, insurance, real estate.....	11.9	11.6	11.7	11.4	11.7	11.5	11.5	12.1	12.4	12.7
Services.....	10.6	11.3	12.8	12.7	12.9	13.3	13.4	13.4	13.4	13.7
Government and govt. enterprises.....	12.5	13.2	15.8	15.2	15.4	15.9	15.4	14.8	14.3	13.8
Rest of the world.....	.9	1.0		1.5	1.7	1.4	1.5	1.5	1.7	2.2

¹ Excludes motor vehicles and equipment.

² Includes items not shown separately.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and 1976-79.

NO. 712. PERCENT DISTRIBUTION AND AVERAGE ANNUAL PERCENT CHANGE OF SHARES OF NATIONAL INCOME, BY TYPE: 1950 TO 1980

[See headnote, table 709]

TYPE OF INCOME	PERCENT DISTRIBUTION							ANNUAL PERCENT CHANGE			
	1950	1960	1965	1970	1975	1979	1980	1950-1960	1960-1970	1970-1975	1975-1980
National income, total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	5.8	6.9	8.9	11.3
Compensation of employees.....	65.2	70.9	69.3	75.5	75.1	74.4	75.3	6.7	7.6	8.8	11.4
Wages and salaries.....	61.9	65.4	63.2	67.7	65.1	63.0	63.4	6.3	7.3	8.0	10.8
Supplements to wages, salaries.....	3.3	5.5	6.0	7.8	10.1	11.5	11.9	11.4	10.6	14.6	15.1
Proprietors' income ¹	16.3	11.4	9.9	8.2	7.3	6.1	6.2	2.0	3.4	6.3	7.7
Farm.....	5.8	2.8	2.3	1.8	2.0	1.6	1.1	-1.6	2.0	11.4	-1.0
Nonfarm.....	10.5	8.5	7.7	6.4	5.3	5.1	5.1	3.6	3.9	4.7	10.4
Rental income of persons ²	3.0	3.5	3.1	2.4	1.9	1.6	1.5	7.4	3.1	3.2	6.7
Corporate profits ³	14.3	11.5	14.0	8.8	8.9	10.0	8.5	3.5	4.1	9.1	10.3
Profits before tax.....	18.1	12.0	13.5	9.3	10.7	13.0	11.4	1.5	4.2	11.9	12.8
Profits after tax.....	10.5	6.5	8.1	5.1	6.6	8.5	7.6	.8	4.3	14.6	14.6
Inventory valuation adjust.....	-2.1	(-2)	-2	-8	-9	-2.2	-2.1	(X)	(X)	(X)	(X)
Capital consumption adjust.....	-1.7	-5	.7	.3	.8	.8	.8	(X)	(X)	(X)	(X)
Net interest.....	1.3	2.7	3.7	5.1	6.8	7.3	8.5	14.3	13.8	15.3	16.3

X Not applicable. Z Less than .05. ¹ See footnote 4, table 707. ² See footnote 1, table 707.

Source: Compiled by U.S. Bureau of the Census; based on data from U.S. Bureau of Economic Analysis.

NO. 713. PERSONAL INCOME AND ITS DISPOSITION: 1960 TO 1980

[In billions of dollars, except percent. For definition of personal income, see text, pp. 417 and 418. See *Historical Statistics, Colonial Times to 1970*, series F 262-286, for single-year figures prior to minor revisions issued in 1976]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Personal income	402	541	811	1,065	1,169	1,265	1,391	1,538	1,722	1,944	2,160
Wage and salary disbursements.....	272	362	549	703	766	806	890	984	1,105	1,236	1,344
Commodity-producing industry ¹	113	146	203	254	275	275	307	344	389	438	465
Manufacturing.....	90	116	158	196	211	211	237	266	299	333	351
Distributive industries ²	68	87	130	168	185	196	217	239	271	303	329
Service industries ³	41	59	98	131	146	160	177	199	226	259	296
Govt. and govt. enterprises.....	49	70	117	149	161	176	189	202	219	236	254
Other labor income.....	11	18	33	49	56	65	76	89	102	119	137
Proprietors' income ⁴	47	57	66	94	89	90	94	103	117	132	131
Rental income of persons ⁵	14	18	20	23	24	23	24	25	27	31	32
Dividends.....	13	19	22	27	29	30	37	39	43	49	54
Personal interest income.....	25	40	69	94	112	123	133	152	173	210	256
Transfer payments ⁶	29	40	80	120	141	178	194	207	223	249	294
Old-age, survivors, disability, and health insurance benefits.....	11	18	38	60	70	81	93	105	116	132	154
Other ⁷	18	22	42	60	71	97	101	102	107	117	140
Less: Personal contributions for social insurance	9	13	26	43	48	50	55	61	70	81	88
Less: Personal tax and nontax payments	50	65	116	151	170	169	197	226	259	302	339
Federal income tax.....	42	51	89	109	126	121	142	163	189	226	251
Equals: Disposable personal income	352	476	695	914	998	1,096	1,194	1,312	1,463	1,642	1,822
Less: Personal outlays ⁷	333	443	641	837	914	1,003	1,113	1,238	1,387	1,556	1,720
Personal consumption expenditures.....	325	430	622	812	888	976	1,084	1,205	1,349	1,511	1,673
Interest paid by consumers.....	7	11	17	22	24	24	27	31	37	44	46
Equals: Personal saving	20	34	56	79	85	94	82	74	76	86	101
Percent of disposable personal income.....	5.6	7.1	8.0	8.6	8.5	8.6	6.9	5.6	5.2	5.2	5.6
Real disposable personal income ⁸	490	616	752	865	858	876	907	940	982	1,012	1,018
Annual percent change ⁹	2.1	4.7	4.1	6.8	-8	2.1	3.5	3.6	4.5	3.1	.6
PERCENT DISTRIBUTION											
Personal income	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Wage and salary disbursements.....	67.7	66.9	67.7	66.0	65.5	63.7	64.0	63.9	64.2	63.6	62.2
Other labor income.....	2.7	3.3	4.1	4.6	4.8	5.1	5.5	5.8	5.9	6.1	6.3
Proprietors' income ⁴	11.7	10.5	8.1	8.8	7.6	7.1	6.8	6.7	6.8	6.8	6.1
Rental income of persons ⁵	3.5	3.3	2.5	2.2	2.1	1.8	1.7	1.6	1.6	1.6	1.5
Dividends.....	3.2	3.5	2.7	2.5	2.5	2.4	2.7	2.5	2.5	2.5	2.5
Personal interest income.....	6.2	7.4	8.5	8.8	9.6	9.7	9.6	9.9	10.0	10.8	11.9
Transfer payments ⁶	7.2	7.4	9.9	11.3	12.1	14.1	13.9	13.5	13.0	12.8	13.6
Social insurance contributions.....	-2.2	-2.4	-3.5	-4.0	-4.1	-4.0	-4.0	-4.0	-4.1	-4.2	-4.1

¹Comprises agriculture, forestry, and fisheries, mining, construction, and manufacturing. ²Comprises transportation; communication; electric, gas, and sanitary services; and trade. ³Comprises finance, insurance, and real estate; services; and rest of the world. ⁴With capital consumption and inventory valuation adjustments. ⁵With capital consumption adjustment. ⁶Government benefits; for examples, see table 522. ⁷Includes payments to foreigners. ⁸1972 prices. ⁹Represents average for period of intervals shown here; for 1960, change from 1959. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76 and 1976-79*, and *Survey of Current Business*, June 1981.

NO. 714. PERSONAL INCOME IN CURRENT AND CONSTANT (1972) DOLLARS—STATES: 1960 TO 1980

[1980 preliminary. Represents a measure of income received from all sources during the calendar year by the residents of each State. Data exclude Federal employees overseas and, for 1980, U.S. residents employed by private U.S. firms on temporary foreign assignment. Totals may differ from those in tables 707 and 713. See text, pp. 417-418. See *Historical Statistics, Colonial Times to 1970*, series F 297-348, for single-year figures prior to revisions issued in 1981]

DIVISION AND STATE	CURRENT DOLLARS (bil. dol.)				CONSTANT (1972) DOLLARS								
	1960	1970	1979	1980	Total (bil. dol.)				Percent change		Percent of U.S.		
					1960	1970	1979	1980	1960- 1970	1970- 1980	1960	1970	1980
U.S.	396.1	803.9	1,939.5	2,162.9	550.9	869.1	1,195.0	1,209.0	57.8	39.1	100.0	100.0	100.0
N.E.	25.5	51.1	110.8	125.1	35.5	55.2	68.3	69.9	55.5	26.6	6.4	6.4	5.8
Maine	1.8	3.3	7.9	8.9	2.5	3.6	4.9	5.0	44.0	38.9	.5	.4	.4
N.H.	1.3	2.8	7.4	8.4	1.8	3.0	4.6	4.7	66.7	56.7	.3	.3	.4
Vt.	.7	1.6	3.6	4.0	1.0	1.7	2.2	2.2	70.0	29.4	.2	.2	.2
Mass.	12.6	24.8	51.7	58.2	17.5	26.8	31.9	32.5	53.1	21.3	3.2	3.1	2.7
R.I.	1.9	3.7	8.0	9.0	2.6	4.0	4.9	5.0	53.8	25.0	.5	.5	.4
Conn.	7.2	14.9	32.1	36.5	10.0	16.1	19.8	20.4	61.0	26.7	1.8	1.9	1.7
M.A.	87.4	166.2	335.2	373.6	121.6	179.7	206.5	208.8	47.8	16.2	22.1	20.7	17.3
N.Y.	45.5	85.7	161.6	180.6	63.3	92.6	99.6	101.0	46.3	9.1	11.5	10.7	8.4
N.J.	16.5	34.1	71.9	80.7	22.9	36.9	44.3	45.1	61.1	22.2	4.2	4.2	3.7
Pa.	25.4	46.4	101.6	112.2	35.3	50.2	62.6	62.7	42.2	24.9	6.4	5.8	5.2
E.N.C.	85.9	164.7	377.1	408.5	119.5	178.1	232.3	228.3	49.0	28.2	21.7	20.5	18.9
Ohio	22.6	42.4	94.0	102.4	31.4	45.8	57.9	57.2	45.9	24.9	5.7	5.3	4.7
Ind.	10.0	19.4	45.8	49.2	13.9	21.0	28.2	27.5	51.1	31.0	2.5	2.4	2.3
Ill.	26.4	50.2	110.6	120.4	36.7	54.3	68.1	67.3	48.0	23.9	6.7	6.2	5.6
Mich.	18.2	36.0	86.4	92.3	25.3	38.9	53.2	51.6	53.8	32.6	4.6	4.5	4.3
Wis.	8.6	16.7	40.3	44.1	12.0	18.1	24.8	24.7	50.8	36.5	2.2	2.1	2.0
W.N.C.	31.2	61.1	147.4	160.9	43.4	66.1	90.8	89.9	52.3	36.0	7.9	7.6	7.4
Minn.	7.1	14.9	36.0	39.7	9.9	16.1	22.2	22.2	62.6	37.9	1.8	1.9	1.8
Iowa	5.4	10.7	25.3	27.3	7.5	11.6	15.6	15.3	54.7	31.9	1.4	1.3	1.3
Mo.	9.0	17.4	40.3	44.3	12.5	18.8	24.8	24.8	50.4	31.9	2.3	2.2	2.1
N. Dak.	1.1	2.0	5.4	5.7	1.5	2.2	3.3	3.2	46.7	45.5	.3	.3	.3
S. Dak.	1.2	2.1	5.2	5.4	1.7	2.3	3.2	3.0	35.3	30.4	.3	.3	.2
Nebr.	2.8	5.6	13.5	14.7	3.9	6.1	8.3	8.2	58.4	34.4	.7	.7	.7
Kans.	4.6	8.5	21.6	23.6	6.4	9.2	13.3	13.2	43.8	43.5	1.2	1.1	1.1
S.A.	47.9	111.0	288.4	325.3	66.6	120.0	177.7	181.8	80.2	51.5	12.1	13.8	15.0
Del.	1.2	2.5	5.5	6.2	1.7	2.7	3.4	3.5	58.8	29.6	.3	.3	.3
Md.	7.2	17.0	39.7	44.2	10.0	18.4	24.5	24.7	84.0	34.2	1.8	2.1	2.0
D.C.	2.2	3.6	7.0	7.7	3.1	3.9	4.3	4.3	25.8	10.3	.6	.4	.4
Va.	7.5	17.3	45.0	50.3	10.4	18.7	27.7	28.1	79.8	50.3	1.9	2.2	2.3
W. Va.	2.9	5.3	13.9	15.2	4.0	5.7	8.6	8.5	42.5	49.1	.7	.7	.7
N.C.	7.2	16.4	41.2	46.0	10.0	17.7	25.4	25.7	77.0	45.2	1.9	2.0	2.1
S.C.	3.3	7.7	20.3	22.7	4.6	8.3	12.5	12.7	80.4	53.0	.8	1.0	1.1
Ga.	6.5	15.3	39.4	44.2	9.0	16.5	24.3	24.7	83.3	49.7	1.6	1.9	2.0
Fla.	9.8	25.9	76.3	88.7	13.6	28.0	47.0	49.6	105.9	77.1	2.5	3.2	4.1
E.S.C.	18.0	37.9	99.4	109.3	25.0	41.0	61.2	61.1	64.0	49.0	4.5	4.7	5.1
Ky.	4.8	10.0	25.7	27.9	6.7	10.8	15.8	15.6	61.2	44.4	1.2	1.2	1.3
Tenn.	5.6	12.2	32.1	35.5	7.8	13.2	19.8	19.8	69.2	50.0	1.4	1.5	1.6
Ala.	4.9	10.0	26.4	29.2	6.8	10.8	16.3	16.3	58.8	50.9	1.2	1.2	1.3
Miss.	2.6	5.7	15.2	16.6	3.6	6.2	9.4	9.3	72.2	50.0	.7	.7	.8
W.S.C.	30.4	64.8	188.5	216.1	42.3	70.1	116.1	120.8	65.7	72.3	7.7	8.1	10.0
Ark.	2.4	5.4	15.3	16.7	3.3	5.8	9.4	9.3	75.8	60.3	.6	.7	.8
La.	5.4	11.1	31.0	35.6	7.5	12.0	19.1	19.9	60.0	65.8	1.4	1.4	1.6
Okla.	4.3	8.6	24.2	27.6	6.0	9.3	14.9	15.4	55.0	65.6	1.1	1.1	1.3
Tex.	18.2	39.7	117.9	136.1	25.3	42.9	72.6	76.1	69.6	77.4	4.6	4.9	6.3
Mt.	14.2	30.2	90.7	102.5	19.7	32.6	55.9	57.3	65.5	75.8	3.6	3.8	4.7
Mont.	1.3	2.4	6.2	6.7	1.8	2.6	3.8	3.7	44.4	42.3	.3	.3	.3
Idaho	1.2	2.4	7.0	7.6	1.7	2.6	4.3	4.2	52.9	61.5	.3	.3	.3
Wyo.	.7	1.2	4.4	5.2	1.0	1.3	2.7	2.9	30.0	123.1	.2	.1	.2
Colo.	4.0	8.6	25.5	29.0	5.6	9.3	15.7	16.2	66.1	74.2	1.0	1.1	1.3
N. Mex.	1.7	3.1	9.2	10.2	2.4	3.4	5.7	5.7	41.7	67.6	.4	.4	.5
Ariz.	2.6	6.6	21.0	24.0	3.6	7.1	12.9	13.4	97.2	88.7	.7	.8	1.1
Utah	1.8	3.4	10.0	11.2	2.5	3.7	6.2	6.3	48.0	70.3	.5	.4	.5
Nev.	.8	2.3	7.4	8.6	1.1	2.5	4.6	4.8	127.3	92.0	.2	.3	.4
Pac.	55.7	116.9	302.1	341.7	77.5	126.4	186.1	191.0	63.1	51.1	14.1	14.5	15.8
Wash.	6.7	13.8	38.0	42.7	9.3	14.9	23.4	23.9	60.2	60.4	1.7	1.7	2.0
Oreg.	3.9	7.8	22.3	24.6	5.4	8.4	13.7	13.8	55.6	64.3	1.0	1.0	1.1
Calif.	43.0	90.3	228.5	259.6	59.8	97.6	140.8	145.1	63.2	48.7	10.9	11.2	12.0
Alaska	.6	1.4	4.6	5.1	.8	1.5	2.8	2.9	87.5	93.3	.1	.2	.2
Hawaii	1.4	3.6	8.7	9.8	1.9	3.9	5.4	5.5	105.3	41.0	.3	.4	.5

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, July 1981, and unpublished data. Some data computed by Bureau of the Census.

Personal Income Per Capita

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NO. 715. PERSONAL INCOME AND PERSONAL INCOME PER CAPITA—STATES: 1960 TO 1980
[1980 preliminary. See headnote, table 714]

DIVISION AND STATE	PERSONAL INCOME (bil. dol.)						PER CAPITA INCOME—					
	1960	1970	1980	Income rank			In current dollars			Constant (1972) dollars		
				1960	1970	1980	1960	1970	1980	1960	1970	1980
U.S.	396.1	803.9	2,162.9	(x)	(x)	(x)	2,201	3,945	9,521	3,069	4,265	5,322
N.E.	25.5	51.1	125.1	(x)	(x)	(x)	2,419	4,306	10,105	3,371	4,655	5,648
Maine	1.8	3.3	8.9	38	40	40	1,825	3,303	7,925	2,564	3,570	4,430
N.H.	1.3	2.8	8.4	43	42	42	2,172	3,781	9,131	2,956	4,086	5,105
Vt.	.7	1.6	4.0	49	49	51	1,864	3,530	7,827	2,571	3,821	4,372
Mass.	12.6	24.8	58.2	9	10	10	2,436	4,349	10,125	3,391	4,702	5,660
R.I.	1.9	3.7	9.0	37	36	39	2,182	3,924	9,444	3,041	4,240	5,281
Conn.	7.2	14.9	36.5	15	18	20	2,839	4,913	11,720	3,970	5,311	6,552
M.A.	87.4	166.2	373.6	(x)	(x)	(x)	2,549	4,460	10,127	3,554	4,822	5,661
N.Y.	45.5	85.7	180.6	1	2	2	2,703	4,692	10,260	3,771	5,072	5,735
N.J.	16.5	34.1	80.7	8	8	9	2,699	4,745	10,924	3,769	5,130	6,107
Pa.	25.4	46.4	112.2	4	4	5	2,239	3,928	9,434	3,125	4,246	5,273
E.N.C.	85.9	164.7	408.5	(x)	(x)	(x)	2,367	4,085	9,779	3,301	4,416	5,466
Ohio	22.6	42.4	102.4	5	5	6	2,322	3,971	9,462	3,236	4,293	5,289
Ind.	10.0	19.4	49.2	10	11	12	2,149	3,735	8,936	2,995	4,037	4,995
Ill.	26.4	50.2	120.4	3	3	4	2,617	4,515	10,521	3,649	4,881	5,881
Mich.	18.2	36.0	92.3	6	7	7	2,327	4,044	9,950	3,242	4,371	5,562
Wis.	8.6	16.7	44.1	13	15	17	2,178	3,774	9,348	3,029	4,080	5,225
W.N.C.	31.2	61.1	160.9	(x)	(x)	(x)	2,022	3,736	9,338	2,820	4,039	5,220
Minn.	7.1	14.9	39.7	18	19	19	2,065	3,893	9,724	2,891	4,208	5,436
Iowa	5.4	10.7	27.3	22	23	27	1,960	3,792	9,358	2,721	4,099	5,232
Mo.	9.0	17.4	44.3	12	12	14	2,091	3,706	8,982	2,913	4,006	5,021
N. Dak.	1.1	2.0	5.7	47	46	47	1,681	3,216	8,747	2,363	3,475	4,891
S. Dak.	1.2	2.1	5.4	46	47	48	1,758	3,140	7,806	2,489	3,393	4,362
Nebr.	2.8	5.6	14.7	32	33	35	2,009	3,748	9,365	2,823	4,052	5,234
Kans.	4.6	8.5	23.6	26	28	30	2,085	3,777	9,983	2,866	4,083	5,580
S.A.	47.9	111.0	325.3	(x)	(x)	(x)	1,837	3,605	8,762	2,564	3,898	4,898
Del.	1.2	2.5	6.2	44	43	46	2,735	4,505	10,339	3,786	4,873	5,779
Md.	7.2	17.0	44.2	16	14	16	2,319	4,322	10,460	3,244	4,672	5,846
D.C.	2.2	3.6	7.7	36	37	43	2,629	4,775	12,039	3,922	5,162	6,725
Va.	7.5	17.3	50.3	14	13	11	1,882	3,712	9,392	2,634	4,012	5,250
W. Va.	2.9	5.3	15.2	31	35	34	1,592	3,043	7,800	2,213	3,290	4,360
N.C.	7.2	16.4	43.0	17	16	13	1,577	3,220	7,819	2,209	3,481	4,371
S.C.	3.3	7.7	22.7	30	30	31	1,396	2,975	7,266	1,965	3,217	4,061
Ga.	6.5	15.3	44.2	20	17	15	1,645	3,323	8,073	2,300	3,593	4,512
Fla.	9.8	25.9	88.7	11	9	8	1,962	3,779	8,996	2,738	4,085	5,028
E.S.C.	18.0	37.9	109.3	(x)	(x)	(x)	1,490	2,951	7,436	2,079	3,190	4,156
Ky.	4.8	10.0	27.9	25	25	25	1,576	3,096	7,613	2,203	3,347	4,255
Tenn.	5.6	12.2	35.5	21	21	22	1,577	3,097	7,720	2,210	3,348	4,315
Ala.	4.9	10.0	29.2	24	24	23	1,510	2,903	7,488	2,108	3,138	4,186
Miss.	2.6	5.7	16.6	34	32	33	1,196	2,556	6,580	1,650	2,763	3,677
W.S.C.	30.4	64.8	216.1	(x)	(x)	(x)	1,785	3,340	9,079	2,487	3,611	5,075
Ark.	2.4	5.4	16.7	35	34	32	1,358	2,773	7,268	1,901	2,998	4,062
La.	5.4	11.1	35.6	23	22	21	1,650	3,041	8,458	2,301	3,282	4,727
Okla.	4.3	8.6	27.6	27	27	26	1,850	3,337	9,116	2,568	3,608	5,095
Tex.	18.2	39.7	136.1	7	6	3	1,894	3,536	9,545	2,639	3,823	5,336
Mt.	14.2	30.2	102.5	(x)	(x)	(x)	2,654	3,611	8,994	2,863	3,904	5,027
Mont.	1.3	2.4	6.7	42	44	45	1,983	3,428	8,536	2,798	3,707	4,769
Idaho	1.2	2.4	7.6	45	45	44	1,812	3,315	8,056	2,534	3,586	4,592
Wyo.	.7	1.2	5.2	50	51	49	2,210	3,686	10,898	3,021	3,982	6,089
Colo.	4.0	8.6	29.0	28	26	24	2,247	3,887	10,025	3,109	4,202	5,603
N. Mex.	1.7	3.1	10.2	40	41	37	1,815	3,072	7,841	2,516	3,322	4,384
Ariz.	2.6	6.6	24.0	33	31	29	1,994	3,888	8,791	2,801	3,987	4,915
Utah	1.8	3.4	11.2	39	39	36	1,954	3,220	7,649	2,778	3,480	4,274
Nev.	.8	2.3	8.6	48	46	41	2,793	4,691	10,727	3,800	5,073	5,999
Pac.	55.7	116.9	341.7	(x)	(x)	(x)	2,608	4,394	10,720	3,632	4,751	5,992
Wash.	6.7	13.8	42.7	19	20	18	2,352	4,046	10,309	3,292	4,375	5,762
Oreg.	3.9	7.8	24.6	29	29	28	2,195	3,711	9,317	3,047	4,013	5,208
Calif.	43.0	90.3	259.6	2	1	1	2,710	4,510	10,938	3,881	4,675	6,114
Alaska	.6	1.4	5.1	51	50	50	2,740	4,726	12,790	3,930	5,115	7,141
Hawaii	1.4	3.6	9.8	41	38	38	2,300	4,674	10,101	3,115	5,052	5,645

X Not applicable.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, July 1981; and unpublished data.

NO. 716. RATIO OF TRANSFER PAYMENTS TO TOTAL PERSONAL INCOME—INDEX, BY STATE: 1970
AND 1979

DIVISION AND STATE	TOTAL		INCOME MAINTENANCE ¹		RETIREMENT ²		DIVISION AND STATE	TOTAL		INCOME MAINTENANCE ¹		RETIREMENT ²	
	1970	1979	1970	1979	1970	1979		1970	1979	1970	1979	1970	1979
T.P. to P.I. ³ (percent).....	10.1	13.0	1.2	1.4	3.6	5.0	S.A.—Con.						
Index: U.S. ratio=100.....	100	100	100	100	100	100	Md.....	81	92	65	78	94	106
N.E.....	100	103	98	109	100	106	D.C.....	140	164	143	184	194	214
Maine.....	126	132	106	130	141	139	Va.....	91	99	48	64	116	124
N.H.....	99	93	53	53	121	110	W.Va.....	143	142	148	105	123	106
N.J.....	113	110	101	115	109	107	N.C.....	88	97	68	100	83	94
Mass.....	106	110	119	135	104	108	S.C.....	98	104	86	114	95	105
R.I.....	117	122	103	108	113	125	Ga.....	92	98	103	103	87	95
Conn.....	79	61	67	72	76	87	Fla.....	123	131	49	77	160	160
M.A.....	102	112	120	127	100	107	E.S.C.....	115	115	132	133	104	101
N.Y.....	105	115	143	149	102	111	Ky.....	114	111	123	124	105	93
N.J.....	85	94	77	92	83	91	Tenn.....	107	107	110	110	99	98
Pa.....	111	119	109	116	107	112	Ala.....	117	120	132	136	105	109
E.N.C.....	87	91	68	91	87	84	Miss.....	130	128	196	189	107	107
Ohio.....	88	96	64	80	88	90	W.S.C.....	101	89	103	78	97	88
Ind.....	84	83	33	46	93	86	Ark.....	138	127	150	125	131	121
Ill.....	82	87	76	90	86	83	Va.....	111	96	136	125	87	82
Mich.....	89	90	86	121	80	73	Okl.....	118	101	130	87	113	105
Wis.....	95	96	56	109	99	91	Tex.....	89	79	67	57	92	82
W.N.C.....	100	92	77	61	105	96	Mt.....	102	93	87	63	107	103
Minn.....	95	86	78	62	95	87	Mont.....	110	107	67	58	119	116
Iowa.....	100	89	78	58	105	91	Idaho.....	106	94	63	62	115	105
Mo.....	104	102	90	74	108	106	Wyo.....	92	65	46	26	103	72
N. Dak.....	111	96	90	51	106	91	Colo.....	97	83	103	59	102	91
S. Dak.....	109	106	87	78	111	107	N. Mex.....	119	107	164	131	110	110
Neb.....	95	89	48	45	110	101	Ariz.....	108	106	76	63	116	122
Kans.....	99	87	62	47	109	97	Utah.....	98	90	78	55	103	103
S.A.....	101	110	72	88	114	122	Nev.....	78	87	37	33	82	90
Del.....	72	87	56	80	72	89	Pac.....	109	96	148	122	101	97
							Wash.....	116	96	107	75	114	108
							Oreg.....	114	101	76	87	119	103
							Calif.....	109	97	164	132	100	95
							Alaska.....	62	62	134	126	39	51
							Hawaii.....	73	95	76	150	82	111

¹ Federal, State, and local direct welfare payments (including supplemental security income payments), food stamp payments, and payments made through several other relief programs, such as refugee assistance. ² Includes retirement and disability payments, Medicare, educational assistance to veterans and others, and miscellaneous transfers such as business transfer payments. ³ Transfer payments to personal income.

Source: U.S. Bureau of Economic Analysis, unpublished data.

NO. 717. SELECTED INTERNATIONAL ECONOMIC INDICATORS: 1970 TO 1980

[Data cover gross national product (GNP) at market prices, except for France, Italy, and the United Kingdom which relate to gross domestic product. Gross fixed capital formation covers private and government sectors except military. Savings data are calculated by deducting outlays—such as personal consumption expenditures, interest paid, and transfer payments to foreigners—from disposable personal income.]

YEAR	United States	France	Ger- many, Fed. Rep.	Italy	Neth- erlands	United King- dom	Japan	Can- ada
GNP growth rates ¹ (constant 1972 prices):								
1970.....	-2	5.7	5.9	5.3	6.4	2.3	11.8	2.5
1975.....	-1.1	2	-1.9	-3.6	-1.9	-4	1.4	1.2
1976.....	5.4	5.2	5.4	5.9	5.6	4.2	5.1	5.5
1977.....	5.5	2.8	2.8	1.9	2.4	1.0	5.3	2.2
1978.....	4.8	3.6	3.6	2.6	2.1	3.6	5.1	3.4
1979.....	3.2	3.3	4.5	5.0	2.3	1.3	5.6	2.7
1980.....	-2	1.6	1.8	4.0	(NA)	-1.4	4.3	.1
Ratio of gross fixed capital formation to GNP (current prices):								
1970.....	17.4	23.3	25.6	23.1	25.6	18.4	35.4	21.0
1975.....	16.9	23.2	20.7	20.6	20.8	19.4	32.5	24.2
1976.....	17.0	23.3	20.6	20.1	19.2	18.8	31.3	23.5
1977.....	18.2	22.2	20.7	19.6	21.0	18.0	30.5	23.1
1978.....	19.0	21.4	21.3	18.7	21.5	18.0	30.8	22.7
1979.....	19.0	21.4	22.7	18.9	21.7	17.6	32.0	22.9
1980.....	17.8	21.4	23.7	20.0	(NA)	17.4	31.7	23.4
Ratio of savings to disposable personal income:								
1970.....	8.0	16.7	14.6	² 21.6	14.0	9.0	18.2	5.3
1975.....	8.6	18.6	16.4	23.2	14.5	12.7	22.1	10.9
1976.....	6.9	16.4	14.7	22.9	14.6	11.8	22.4	10.0
1977.....	6.6	16.6	13.6	22.5	12.6	10.5	21.0	9.8
1978.....	5.2	17.5	13.7	23.8	12.3	12.4	20.6	10.3
1979.....	5.2	15.9	14.2	(NA)	11.4	13.8	18.3	10.5
1980.....	5.6	14.1	14.4	(NA)	(NA)	15.3	(NA)	10.2

NA Not available. ¹ Growth rates represent percentage change from preceding year. ² Estimated.

Source: U.S. Dept. of Commerce, International Trade Administration, *International Economic Indicators*, June 1981.

NO. 718. GROSS SAVING AND INVESTMENT: 1960 TO 1980

[In billions of dollars. See *Historical Statistics, Colonial Times to 1970*, series F 552-565, for single-year figures prior to revisions issued in 1981]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Gross saving	81.1	120.2	148.9	235.5	227.8	218.9	257.9	304.0	355.2	411.9	400.7
Gross private saving	78.0	119.7	158.6	227.7	234.5	282.7	284.4	322.4	355.4	398.9	433.0
Personal saving	19.7	33.7	55.8	79.0	85.1	94.3	82.5	74.1	76.3	86.2	101.8
Undistributed corporate profits	12.1	30.0	14.8	32.3	13.4	29.1	36.9	52.3	57.9	59.1	44.0
Undistributed profits	14.3	27.2	18.8	49.6	55.2	50.7	65.1	80.1	95.7	117.6	105.1
Inventory valuation adjustment	-2	-1.2	-6.8	-20.0	-40.0	-11.6	-14.7	-15.8	-24.3	-42.6	-43.9
Capital consumption adjustment	-2.0	4.0	2.5	2.7	-1.8	-10.1	-13.5	-12.0	-13.5	-15.9	-17.2
Capital consumption allowances:											
Corporate ¹	27.3	33.4	54.1	71.0	83.4	99.5	109.9	122.4	136.4	155.4	175.4
Noncorporate ¹	19.0	22.6	34.0	45.5	52.6	58.8	65.2	73.7	84.8	98.2	111.8
Government surplus or deficit (-) ²	3.1	5	-10.6	7.8	-4.7	-63.8	-36.5	-18.3	-2	11.9	-33.4
Federal	3.0	5	-12.4	-5.6	-11.5	-69.3	-53.1	-46.4	-29.2	-14.8	-62.3
State and local	.1	(-2)	1.9	13.4	6.8	5.5	16.6	28.1	29.0	26.7	28.8
Capital grants received (net) ³	-	-	.9	-	-2.0	-	-	-	-	1.1	1.1
Gross investment	78.7	119.0	147.4	236.3	231.5	224.4	263.0	308.4	361.6	414.1	402.5
Gross private domestic investment	75.9	113.5	144.2	229.8	228.7	208.1	257.9	322.3	375.3	415.8	395.4
Net foreign investment	2.8	5.4	3.2	6.5	2.9	18.3	5.1	-13.9	-13.8	-1.7	7.0
Statistical discrepancy	-2.4	-1.2	-1.5	.8	3.7	5.5	5.1	4.4	6.4	2.2	1.7

- Represents zero. Z Less than \$50 million. ¹ With capital consumption adjustment. ² National income and product accounts. ³ Received by U.S.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *1976-79*, and *Survey of Current Business*, March 1981.

NO. 719. FLOW OF FUNDS ACCOUNTS—COMPOSITION OF INDIVIDUALS' SAVING: 1960 TO 1980

[In billions of dollars. Individuals' saving represents combined statement for households, farm and nonfarm, noncorporate business, nonprofit organizations, and personal trusts. Minus sign (-) denotes decrease. See *Historical Statistics, Colonial Times to 1970*, series F 566-594, for similar but not exactly comparable data]

COMPOSITION OF SAVING	1960	1965	1970	1975	1976	1977	1978	1979	1980
Increase in financial assets ¹	32.5	59.0	79.0	167.3	208.0	241.7	275.4	291.6	278.9
Demand deposits and currency	1.0	7.5	8.9	4.0	14.9	22.7	18.3	14.2	2.0
Savings accounts	12.1	27.8	43.6	84.0	109.3	109.2	105.2	81.0	126.7
Money market fund shares	-	-	-	1.3	(2)	.2	6.9	34.4	29.2
Securities ¹	4.3	3.1	-3.0	23.4	11.6	18.5	37.3	54.4	5.0
U.S. savings bonds	-3	.6	.3	4.0	4.7	4.7	3.9	-8	-7.3
Other U.S. Treasury securities	.5	.2	-11.3	15.7	1.5	5.6	13.3	33.6	23.0
U.S. Government agency securities	-5	1.2	4.6	-3.0	3.3	5.4	9.7	20.0	3.0
State and local obligations	2.6	1.8	-9	6.2	2.5	2.6	3.3	-2.4	-1.8
Corporate and foreign bonds	.7	.5	9.5	8.4	5.8	-3.3	-1.4	11.1	5.4
Open market paper	1.7	.8	-3.8	-4.4	-3.1	9.6	14.6	3.8	-10.3
Private life insurance reserves	3.2	4.7	5.4	8.5	8.2	11.4	11.7	12.3	11.5
Private pension reserves	5.3	7.5	9.7	19.9	26.5	31.6	39.1	37.3	43.4
Government insurance and pension reserves	3.2	4.7	8.9	15.1	17.9	22.4	27.1	25.1	30.7
Gross investment in tangible assets	80.8	111.5	144.4	219.6	262.8	320.2	365.4	396.3	379.4
Nonfarm homes	21.1	21.9	25.5	45.9	60.6	79.6	94.7	99.6	86.1
Nonresidence fixed assets ²	15.5	24.6	33.3	41.9	48.2	59.5	69.4	80.8	84.9
Consumer durables	49.1	62.8	85.2	132.2	156.8	178.8	199.3	212.3	211.9
Inventories ²	1.1	2.2	.4	-3	-8	2.3	1.9	3.6	-3.6
Capital consumption allowances	56.8	66.6	99.6	166.6	183.2	203.7	229.3	260.0	292.1
Nonfarm homes	6.8	8.5	12.1	22.2	24.5	28.6	33.6	39.1	45.6
Nonresidence fixed assets ²	13.5	15.6	22.3	38.7	41.8	46.5	52.7	61.0	68.4
Consumer durables	36.5	42.5	65.2	105.7	116.9	128.6	143.1	159.9	178.1
Net investment in tangible assets	24.0	44.9	44.8	53.0	79.6	116.5	136.1	136.2	87.2
Nonfarm homes	14.3	13.4	13.3	23.7	36.0	51.0	61.2	60.5	40.5
Nonresidence fixed assets ²	2.0	9.0	11.1	3.2	4.4	13.0	16.7	19.7	16.5
Consumer durables	6.7	20.2	20.0	26.5	40.0	50.2	56.3	52.4	33.8
Inventories ²	1.1	2.2	.4	-3	-8	2.3	1.9	3.6	-3.6
Net increase in debt ¹	20.8	40.2	34.4	64.5	116.0	173.7	200.6	210.9	139.7
Mortgage debt on nonfarm homes	11.7	17.0	14.1	38.1	61.3	93.2	103.8	110.1	83.2
Other mortgage debt ²	2.5	6.5	8.6	7.4	10.8	18.9	21.1	25.5	22.1
Consumer credit	4.4	10.6	5.4	9.7	25.6	40.6	50.6	44.2	3.1
Individuals' saving	35.6	63.8	89.3	155.9	171.6	184.4	210.8	216.9	226.4
Less: Govt. insurance and pension reserves	3.2	4.7	8.9	15.1	17.9	22.4	27.1	25.1	30.7
Net investment in consumer durables	6.7	20.2	20.0	26.5	40.0	50.2	56.3	52.4	33.8
Capital gains dividends from investment cos	.4	.9	.9	.2	.5	.6	.7	.9	1.4
Net saving by farm corporations	-1	(2)	-1	.1	-1	-2	-2	-2	-2
Equals: Personal saving (flow of funds) ³	25.5	37.9	59.6	114.0	113.4	111.5	127.0	138.7	160.9

- Represents zero. Z Less than \$50 million. ¹ Includes items not shown separately. ² Includes corporate farms.

³ Personal saving on national income account basis measures personal saving as income less taxes and consumption; flow-of-funds basis measures the same concept from acquisitions of assets less borrowing.

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts*, quarterly.

NO. 720. MONEY INCOME OF HOUSEHOLDS—PERCENT DISTRIBUTION BY MONEY INCOME LEVEL IN CURRENT AND CONSTANT (1979) DOLLARS, BY RACE AND SPANISH ORIGIN OF HOUSEHOLDER: 1967 TO 1979

[Households as of March of following year. Based on Current Population Survey; see text, p. 1. Persons of Spanish origin may be of any race. For definitions of household and race, see p. 3. For definition of median, see Guide to Tabular Presentation]

RACE OF HOUSEHOLDER AND YEAR	Number of house- holds (1,000)	PERCENT DISTRIBUTION, BY INCOME LEVEL								Median income (dol.)
		Under \$5,000	\$5,000- \$9,999	\$10,000- \$14,999	\$15,000- \$19,999	\$20,000- \$24,999	\$25,000- \$34,999	\$35,000- \$49,999	\$50,000 and over	
CURRENT DOLLARS										
All households:										
1967	60,813	33.3	37.2	19.5	6.1	2.0	1.2	.4	.2	7,143
1970 ¹	64,778	27.4	30.3	23.2	11.2	3.9	2.6	.9	.5	8,734
1974	71,163	20.5	23.5	21.9	15.3	8.7	6.6	2.3	1.0	11,197
1975	72,867	19.9	22.4	20.5	15.9	9.6	7.8	2.7	1.1	11,800
1976	74,142	17.8	21.4	19.1	16.4	10.7	9.5	3.5	1.6	12,686
1977	76,030	16.5	20.2	18.0	15.6	11.5	11.5	4.5	2.1	13,572
1978	77,330	14.7	18.4	16.6	15.3	12.2	13.8	6.0	3.0	15,064
1979	79,108	13.2	16.4	15.9	14.0	12.4	15.6	8.3	4.1	16,553
White:										
1967	54,188	30.9	37.8	20.7	6.5	2.1	1.3	.5	.2	7,449
1970	57,575	25.5	30.2	24.2	11.8	4.2	2.8	1.0	.5	9,097
1974	62,984	18.7	23.0	22.5	16.0	9.1	7.1	2.5	1.1	11,710
1975	64,392	18.1	21.9	20.8	16.5	10.1	8.3	2.9	1.3	12,340
1976	65,353	16.1	20.7	19.2	17.0	11.3	10.1	3.8	1.7	13,289
1977	66,934	14.8	19.5	18.1	16.2	12.1	12.3	4.8	2.3	14,272
1978	68,028	13.1	17.8	16.7	15.6	12.8	14.4	6.4	3.3	15,660
1979	69,454	11.6	15.7	15.8	14.3	12.8	16.4	8.9	4.5	17,333
Black:										
1967	5,728	56.5	31.2	9.7	1.9	.5	.2	.1	-	4,325
1970	6,180	45.4	31.9	14.5	5.8	1.5	.6	.2	.1	5,537
1974	7,263	36.9	29.2	17.7	8.8	4.8	2.0	.4	.1	6,904
1975	7,489	36.4	26.1	18.1	10.4	4.8	3.5	.5	-	7,408
1976	7,776	32.9	26.5	17.5	11.6	6.0	4.1	1.0	.2	7,902
1977	7,977	30.0	27.6	17.0	11.4	6.7	5.3	1.5	.4	8,422
1978	8,066	28.7	23.5	16.9	12.6	7.3	8.2	2.3	.5	9,411
1979	8,405	25.7	23.4	16.7	11.8	8.7	9.2	3.7	.7	10,216
Spanish origin:										
1974	2,897	25.4	30.9	22.8	11.7	5.0	3.0	.8	.3	8,906
1975	2,948	25.7	30.1	21.4	12.8	5.6	3.1	1.0	.5	8,865
1976	3,081	24.1	28.2	20.5	14.1	7.1	4.4	1.2	.3	9,569
1977	3,304	19.8	26.6	21.7	14.3	8.8	6.3	2.0	.5	10,647
1978	3,291	17.9	23.3	20.7	15.4	10.2	8.6	2.8	.9	11,803
1979	3,730	15.5	20.2	19.6	15.0	11.1	11.3	5.3	1.9	13,423
CONSTANT (1979) DOLLARS										
All households:										
1967	60,813	15.2	15.7	17.2	20.5	10.1	13.8	5.0	2.4	15,529
1970 ¹	64,778	14.0	15.7	15.9	19.7	10.2	15.4	5.9	3.2	16,326
1974	71,163	12.7	16.6	15.8	15.8	12.5	15.6	7.3	3.6	16,481
1975	72,867	13.5	17.6	16.1	15.0	12.7	15.1	6.7	3.1	15,914
1976	74,142	13.1	17.3	15.9	14.9	12.6	15.7	7.1	3.5	16,176
1977	76,030	13.1	17.4	15.6	14.8	11.9	16.0	7.5	3.8	16,256
1978	77,330	12.9	16.8	15.7	14.2	12.1	16.4	7.8	4.1	16,760
1979	79,108	13.2	16.4	15.9	14.0	12.4	15.6	8.3	4.1	16,553
White:										
1967	54,188	13.9	14.7	17.0	21.3	10.6	14.6	5.3	2.6	16,194
1970	57,575	12.8	14.8	15.5	20.3	10.6	16.2	6.3	3.5	17,005
1974	62,984	11.5	15.7	15.6	16.1	13.0	16.5	7.8	4.0	17,236
1975	64,392	12.0	16.9	16.0	15.3	13.2	15.9	7.2	3.4	16,642
1976	65,353	11.7	16.4	15.8	15.1	13.0	16.5	7.6	3.8	16,944
1977	66,934	11.7	16.5	15.4	15.1	12.3	16.9	8.0	4.1	17,095
1978	68,028	11.3	16.1	15.6	14.4	12.6	17.2	8.3	4.5	17,423
1979	69,454	11.6	15.7	15.8	14.3	12.8	16.4	8.9	4.5	17,333
Black:										
1967	5,728	27.4	25.7	19.8	13.6	5.6	5.9	1.5	.4	9,403
1970	6,180	25.2	23.5	18.6	14.7	6.7	8.3	2.3	.7	10,350
1974	7,263	24.5	24.5	18.2	13.0	8.3	8.3	2.6	.6	10,250
1975	7,489	26.0	24.2	17.5	12.5	8.7	8.5	2.2	.4	9,991
1976	7,776	25.1	24.6	16.4	13.0	8.8	8.6	2.7	.8	10,076
1977	7,977	24.7	25.0	17.5	11.9	8.4	8.6	2.9	.9	10,088
1978	8,066	25.7	22.6	16.5	12.7	8.4	9.7	3.4	.9	10,471
1979	8,405	25.7	23.4	16.7	11.8	8.7	9.2	3.7	.7	10,216
Spanish origin:										
1974	2,897	14.4	23.2	19.8	16.7	11.2	9.8	3.6	1.3	13,109
1975	2,948	17.3	24.3	20.1	14.7	10.9	8.4	2.9	1.2	11,956
1976	3,081	17.8	23.3	19.6	14.7	10.7	9.8	3.1	1.0	12,201
1977	3,304	15.3	22.9	20.7	15.6	10.0	10.8	3.6	1.1	12,753
1978	3,291	15.6	21.4	20.5	14.8	10.7	11.6	4.0	1.4	13,132
1979	3,730	15.5	20.2	19.6	15.0	11.1	11.3	5.3	1.9	13,423

- Represents zero or rounds to zero. ¹ Revised, using population controls based on the 1970 Census of Population; therefore, will not agree with data shown in table 723.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 126.

NO. 721. MONEY INCOME OF HOUSEHOLDS—AGGREGATE AND MEAN INCOME, BY RACE AND SPANISH ORIGIN OF HOUSEHOLDER: 1979

[As of March 1980. Based on Current Population Survey; see text, pp. 1 and 419. For number of households by characteristic, see table 65. For definition of mean, see Guide to Tabular Presentation]

CHARACTERISTIC	ALL RACES		WHITE		BLACK		SPANISH ORIGIN ¹	
	Aggregate money income (bil. dol.)	Mean income (dol.)	Aggregate money income (bil. dol.)	Mean income (dol.)	Aggregate money income (bil. dol.)	Mean income (dol.)	Aggregate money income (bil. dol.)	Mean income (dol.)
Total	1,552.1	19,620	1,416.4	20,393	110.0	13,088	60.3	16,161
Northeast.....	351.3	20,137	325.2	20,783	22.6	13,861	10.1	14,028
North Central.....	419.5	20,039	390.1	20,564	25.9	14,318	4.9	17,801
South.....	463.4	18,157	410.8	19,365	49.5	12,011	17.6	15,557
West.....	317.9	20,906	290.3	21,307	12.0	14,225	27.6	17,272
Nonfarm.....	1,516.1	19,636	1,381.3	20,422	109.5	13,118	59.9	16,157
Farm.....	36.0	18,974	35.1	19,307	.5	(a)	.4	(a)
In metropolitan areas.....	1,121.9	20,756 ^a	1,009.3	21,744	91.6	13,752	51.7	16,495
In central cities.....	421.3	17,772	348.3	19,119	63.7	12,825	27.8	14,807
Outside central cities.....	700.6	23,087	661.0	23,440	27.8	16,480	23.9	19,014
Outside metropolitan areas.....	430.2	17,171	407.1	17,670	18.4	10,556	8.6	14,408
Nonfarm.....	401.1	17,084	378.8	17,590	17.9	10,612	8.3	14,291
Farm.....	29.1	18,455	28.3	18,816	.5	(a)	.3	(a)
Marital status:								
Male householder.....	1,298.7	22,844	1,200.7	23,373	76.0	16,761	50.8	18,332
Married, wife present.....	1,133.9	24,359	1,054.7	24,739	59.6	18,996	44.2	19,330
Married, wife absent.....	21.3	16,397	17.3	18,359	3.6	11,087	1.5	13,897
Widowed.....	19.7	12,704	17.7	13,341	1.9	9,141	.4	(a)
Divorced.....	47.3	17,921	42.0	18,267	4.6	15,043	1.4	15,056
Single (never married).....	76.6	15,897	69.1	16,544	6.4	11,320	3.3	13,646
Female householder.....	253.5	11,387	215.7	11,927	34.0	8,780	9.5	9,873
Married, husband present.....	38.0	23,327	33.8	24,545	3.5	16,100	1.7	20,496
Married, husband absent.....	20.9	8,726	13.3	8,982	7.1	8,207	1.5	6,818
Widowed.....	80.9	9,081	72.5	9,325	7.7	7,205	1.6	8,603
Divorced.....	58.7	12,270	50.3	12,640	7.7	10,375	2.5	10,341
Single (never married).....	54.9	12,095	45.9	13,180	8.0	8,158	2.2	9,400
Age of householder:								
15-24 years.....	85.6	13,384	77.9	14,041	6.7	8,771	5.2	12,084
25-34 years.....	350.3	19,573	313.2	20,340	29.5	13,881	17.3	15,332
35-44 years.....	343.0	24,668	310.9	25,769	25.7	16,292	15.7	18,805
45-54 years.....	327.7	26,050	299.9	27,340	22.1	16,045	12.7	20,326
55-64 years.....	265.5	21,802	247.3	22,722	15.0	13,021	6.1	16,463
Size of household:								
One person.....	177.3	9,953	159.1	10,216	16.1	7,888	4.2	8,478
Two persons.....	475.7	19,233	446.3	19,923	24.6	12,022	11.9	14,531
Three persons.....	313.8	22,667	285.6	23,611	22.8	15,022	12.2	16,342
Four persons.....	313.1	25,109	285.7	26,084	22.1	16,901	13.0	17,979
Five persons.....	160.2	26,716	146.0	28,118	10.7	16,113	9.2	19,774
Six persons.....	65.9	26,348	57.6	28,606	6.3	15,484	4.9	19,746
Seven persons or more.....	46.1	26,386	36.1	29,406	7.5	17,483	4.9	20,918
Employment status:								
In labor force.....	1,321.4	23,179	1,209.7	23,909	88.9	16,284	53.7	18,510
Civilian labor force.....	1,308.0	23,253	1,198.2	23,985	87.4	16,302	53.1	18,528
Employed.....	1,267.7	23,664	1,163.4	24,346	82.4	16,858	50.5	18,981
Unemployed.....	40.3	15,038	34.8	16,039	5.0	10,534	2.6	12,715
Not in labor force.....	230.7	10,440	206.6	10,959	21.1	7,162	6.6	7,949
Employed.....	1,267.7	23,664	1,163.4	24,346	82.4	16,858	50.5	18,981
White collar workers.....	736.0	27,394	691.8	27,910	30.8	19,107	19.2	22,586
Blue collar workers.....	425.1	21,205	381.9	21,590	39.5	17,938	25.2	18,261
Farm workers.....	28.4	17,775	27.0	18,295	.9	9,180	1.5	14,570
Service workers.....	78.3	15,465	62.6	16,344	13.3	12,147	4.7	14,136
Work experience of householder: ²								
Worked last year.....	1,348.6	22,955	1,234.6	23,684	90.7	16,113	54.3	18,368
Worked at full-time jobs.....	1,274.1	23,932	1,167.4	24,613	84.8	17,250	51.8	18,891
Worked at part-time jobs.....	74.4	13,512	67.2	14,309	5.9	8,280	2.6	11,160
Did not work last year.....	190.1	9,701	170.2	10,201	17.8	6,640	5.4	7,287

B Base less than 75,000.

¹ Persons of Spanish origin may be of any race.² Excludes members of the Armed Forces.Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 126.

NO. 722. MONEY INCOME OF HOUSEHOLDS—PERCENT DISTRIBUTION BY INCOME LEVEL, BY METRO.-NONMETRO. RESIDENCE, REGION, OCCUPANT TENURE, AND SIZE OF HOUSEHOLD: 1979

[Households as of **March 1980**. See headnote, table 720. For definition of residence, see Appendix II. For definition of median, see Guide to Tabular Presentation. For composition of regions, see fig. 1, inside front cover]

RESIDENCE, REGION, TENURE AND HOUSEHOLD SIZE	Total house- holds (1,000)	PERCENT DISTRIBUTION, BY HOUSEHOLD MONEY INCOME								Median income (dol.)
		Under \$5,000	\$5,000- \$9,999	\$10,000- \$14,999	\$15,000- \$19,999	\$20,000- \$24,999	\$25,000- \$34,999	\$35,000- \$49,999	\$50,000 and over	
All households.....	79,108	13.2	16.4	15.9	14.0	12.4	15.6	8.3	4.1	16,553
Metropolitan areas.....	54,051	12.0	15.2	15.3	13.7	12.6	16.8	9.5	4.9	17,611
In central cities.....	23,705	16.5	18.6	16.7	13.6	11.5	13.0	6.7	3.5	14,397
Outside central cities.....	30,346	8.5	12.6	14.2	13.8	13.5	19.7	11.6	6.0	20,270
Nonmetro. areas.....	25,057	15.6	19.0	17.2	14.7	11.9	13.3	5.8	2.5	14,407
Northeast.....	17,447	12.4	16.7	15.8	13.1	12.5	16.1	9.1	4.4	16,897
North Central.....	20,933	12.2	15.6	14.9	14.6	13.0	16.9	8.8	4.0	17,347
South.....	25,523	15.3	17.5	17.1	14.3	11.7	13.9	6.7	3.4	15,040
West.....	15,205	11.9	15.5	15.3	13.9	12.4	16.3	9.5	5.2	17,534
Owner-occupied.....	53,830	9.4	13.2	13.9	13.8	13.8	19.4	10.9	5.6	19,891
Renter-occupied.....	23,649	20.5	23.4	20.2	14.6	9.5	7.8	2.9	1.0	11,309
Occupier paid no cash rent.....	1,429	30.6	23.3	19.7	12.4	6.5	4.8	1.8	.9	9,160
Size of household:										
One person.....	17,816	35.3	27.0	16.8	10.3	5.3	3.4	1.3	.7	7,364
Two persons.....	24,734	8.7	18.7	19.1	14.8	12.6	15.3	7.1	3.6	16,115
Three persons.....	13,845	6.5	11.4	15.1	16.0	15.3	20.6	10.5	4.6	20,308
Four persons.....	12,470	4.8	8.2	12.3	15.8	16.9	23.2	12.9	6.1	22,541
Five persons.....	5,996	4.7	8.7	11.1	14.5	15.5	22.6	15.0	8.0	23,529
Six persons.....	2,499	4.6	9.3	13.2	14.4	13.4	21.4	14.6	9.0	22,948
Seven or more.....	1,748	5.4	11.8	14.2	10.9	13.2	20.0	14.8	9.7	22,793

NO. 723. HOUSEHOLDS AND AGGREGATE HOUSEHOLD INCOME—PERCENT DISTRIBUTION, BY INCOME LEVEL: 1970 TO 1979

[Households in thousands and aggregate income in billions of dollars, except percent. NA Not available. See headnote, table 720]

INCOME LEVEL	HOUSEHOLDS							AGGREGATE INCOME						
	1970	1975	1976	1977	1978	1979	1970	1975	1976	1977	1978	1979		
Total U.S.....	64.8	72.9	74.1	76.0	77.3	79.1	647.8	1,004.0	1,106.3	1,224.1	1,371.1	1,552.1		
Percent distribution.....	100.0	100.0	100.0	100.0	100.0	100.0	(NA)	100.0	100.0	100.0	100.0	100.0		
Under \$5,000.....	27.4	19.9	17.8	16.5	14.7	13.2	(NA)	4.2	3.5	3.0	2.4	1.9		
\$5,000-\$9,999.....	30.3	22.4	21.4	20.2	18.4	16.4	(NA)	12.0	10.5	9.3	7.7	6.2		
\$10,000-\$14,999.....	23.2	20.5	19.1	18.0	16.6	15.9	(NA)	18.4	15.8	13.8	11.5	10.0		
\$15,000-\$19,999.....	11.2	15.9	16.4	15.6	15.3	14.0	(NA)	19.9	19.0	16.8	14.9	12.4		
\$20,000-\$24,999.....	3.9	9.6	10.7	11.5	12.2	12.4	(NA)	15.4	16.0	15.9	15.4	14.1		
\$25,000-\$34,999.....	2.6	7.8	9.5	11.5	13.8	15.6	(NA)	24.2	27.8	32.1	36.5	23.3		
\$35,000-49,999.....	.5	2.7	3.5	4.5	6.0	8.3	(NA)					17.3		
\$50,000 and over.....	.9	1.1	1.6	2.1	3.0	4.1	(NA)	5.8	7.4	9.2	11.6	14.8		

NO. 724. HOUSEHOLD TYPE, BY INCOME LEVEL AND MEDIAN INCOME: 1979

[Households as of **March 1980**. See headnote, table 720. Person of Spanish origin may be of any race. Hhldr.=householder]

ITEM	All house- holds	FAMILY HOUSEHOLDS				Total	NONFAMILY HOUSEHOLDS			
		Total	Married couple	Male hhldr., wife absent	Female hhldr., husband absent		Single-person household			Multiple person house- hold
							Total	Male hhldr.	Fe- male hhldr.	
Number, all races (1,000).....	79,108	58,426	48,180	1,706	8,540	20,682	17,816	6,793	11,022	2,867
Under \$5,000.....	10,411	3,945	1,870	146	1,929	6,467	6,295	1,562	4,732	172
\$5,000-\$9,999.....	13,006	7,788	5,323	247	2,218	5,218	4,810	1,594	3,217	408
\$10,000-\$14,999.....	12,574	9,084	6,958	314	1,812	3,489	2,988	1,297	1,692	501
\$15,000-\$19,999.....	11,099	8,740	7,444	267	1,030	2,360	1,828	1,008	819	531
\$20,000-\$24,999.....	9,783	8,428	7,496	222	710	1,355	940	635	305	416
\$25,000-\$34,999.....	12,380	11,309	10,441	270	598	1,071	610	434	177	462
\$35,000-\$49,999.....	6,577	6,076	5,745	156	175	501	224	175	51	277
\$50,000 and over.....	3,276	3,055	2,904	84	68	219	118	89	30	101
Median income, all races (dol).....	16,533	19,801	21,540	17,939	10,300	8,519	7,364	10,811	6,017	18,294
White.....	17,333	20,618	21,858	18,608	11,847	8,846	7,609	11,317	6,231	19,040
Black.....	10,216	11,853	16,939	13,850	7,100	6,186	5,426	7,512	4,402	12,687
Spanish origin.....	13,423	14,788	16,927	15,519	6,886	7,957	6,508	8,773	4,998	14,588

Source of tables 722-724: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 126, and earlier reports.

NO. 725. MONEY INCOME OF FAMILIES—PERCENT DISTRIBUTION BY INCOME LEVEL, BY RACE OF HOUSEHOLDER, IN CURRENT AND CONSTANT (1979) DOLLARS: 1950 TO 1979

[Families as of March of following year. Prior to 1960, excludes Alaska and Hawaii. Based on Current Population Survey; see text, pp. 1 and 417. Excludes inmates of institutions and Armed Forces, except Armed Forces living off post or with their families on post. Includes a small number of families with no money income. For definition of race, family, and householder, see text, pp. 3 and 4. See *Historical Statistics, Colonial Times to 1970*, series G 1-8, G 16-23, G 190-192, and, for data in 1967 dollars, series G 197-199]

RACE OF FAMILY HOUSEHOLDER AND YEAR	Total families (1,000)	PERCENT DISTRIBUTION OF FAMILIES, BY INCOME LEVEL (in dollars)—							
		Under 5,000	5,000-9,999	10,000-14,999	15,000-19,999	20,000-24,999	25,000-34,999	35,000-49,999	50,000 and over
CURRENT DOLLARS									
ALL FAMILIES									
1950	39,929	76.8	20.0			3.2			
1955	42,889	58.7	35.1	4.8	.6	.3	.2	.1	.1
1960 ¹	45,539	42.0	43.6	10.6	2.1	.8	.6	.2	.1
1965 ¹	48,509	31.6	43.1	17.7	4.6	1.5	1.0	.3	.2
1970 ¹	52,227	19.1	31.8	26.8	13.1	4.6	3.0	1.1	.5
1975	56,245	12.0	21.2	22.3	18.8	11.6	9.5	3.2	1.4
1977	57,215	9.4	18.2	18.5	17.8	13.9	14.5	5.3	2.6
1978	57,804	8.2	15.9	16.7	16.9	14.5	17.6	6.7	3.6
1979 ²	58,426	7.0	13.6	15.6	15.0	14.4	19.2	10.3	5.2
WHITE									
1950	(NA)	75.2	21.2			3.6			
1955	38,982	55.9	37.3	5.3	.7	.3	.3	.1	.1
1960 ¹	41,123	38.9	45.8	11.2	2.2	.9	.6	.3	.2
1965 ¹	43,497	28.3	44.6	18.8	5.0	1.7	1.1	.4	.2
1970 ¹	46,535	17.0	31.4	27.9	13.8	4.9	3.2	1.2	.6
1975	49,873	10.2	20.4	22.6	19.5	12.2	10.1	3.4	1.5
1977	50,530	7.6	17.0	18.5	18.4	14.6	15.4	5.7	2.8
1978	50,910	6.5	14.9	16.6	17.3	15.2	18.4	7.2	4.0
1979 ²	51,389	5.4	12.3	15.4	15.3	14.9	20.1	10.9	5.7
BLACK AND OTHER RACES									
1950	(NA)	94.6	5.2			.3			
1955	3,907	85.7	13.7			.6			
1960 ¹	4,333	71.0	24.2	4.3	.4			.1	
1965 ¹	4,782	60.9	30.7	7.6	1.0	.2		.1	
1970 ¹	5,413	37.2	34.6	17.3	7.4	2.1	1.1	.3	.1
1975	6,372	26.2	27.1	20.1	13.2	6.8	4.9	1.2	.3
1977	6,685	22.8	26.6	17.9	13.0	9.0	7.7	2.2	.8
1978	6,894	20.5	22.7	17.4	14.2	9.2	11.9	3.2	1.0
1979 ²	7,037	17.9	22.5	17.5	12.3	10.2	12.5	5.4	1.8
CONSTANT (1979) DOLLARS									
ALL FAMILIES									
1950	39,929	20.2	30.2			49.6			
1955	42,889	16.2	22.7	27.4	18.7	7.0	4.9	2.0	1.1
1960 ¹	45,539	13.4	19.0	24.0	21.1	9.0	7.2	3.5	2.7
1965 ¹	48,509	10.2	16.6	19.5	22.9	10.8	9.6	5.2	5.3
1970 ¹	52,227	7.4	13.9	16.1	22.2	11.6	18.1	6.9	3.7
1975	56,245	7.1	15.2	16.2	16.5	14.7	19.3	7.3	3.8
1977	57,215	6.9	14.7	15.3	15.7	14.4	20.5	8.1	4.5
1978	57,804	7.0	13.8	15.1	15.3	14.8	20.7	8.4	4.9
1979 ²	58,246	7.0	13.6	15.6	15.0	14.4	19.2	10.3	5.2
WHITE									
1950	(NA)	18.0	29.4			52.5			
1955	38,982	14.1	21.6	28.3	19.8	7.5	5.3	2.2	1.3
1960 ¹	41,123	11.4	17.9	24.5	22.3	9.6	7.7	3.7	2.9
1965 ¹	43,497	8.7	15.0	19.4	24.0	11.4	10.2	5.6	5.8
1970 ¹	46,535	6.4	12.8	15.7	22.8	12.0	19.0	7.4	4.0
1975	49,873	5.8	14.1	15.9	16.8	15.2	20.4	7.7	4.1
1977	50,530	5.5	13.5	14.9	16.0	15.0	21.6	8.6	4.9
1978	50,910	5.5	12.8	14.9	15.4	15.4	21.7	8.9	5.4
1979 ²	51,389	5.5	12.3	15.4	15.3	14.9	20.1	10.9	5.7
BLACK AND OTHER RACES									
1950	(NA)	45.3	37.8			16.9			
1955	3,907	37.3	33.2	18.8	8.0	1.8	.7		.2
1960 ¹	4,333	32.4	29.0	19.2	10.9	4.0	2.7	1.1	.6
1965 ¹	4,782	23.6	30.8	19.9	13.6	5.4	3.9	1.7	1.1
1970 ¹	5,413	17.4	23.3	20.0	16.8	7.9	10.4	3.1	1.1
1975	6,372	16.8	23.7	18.4	14.1	10.9	11.7	3.3	1.2
1977	6,685	17.6	24.1	17.5	13.1	10.0	12.2	3.9	1.6
1978	6,894	17.7	21.6	16.5	14.2	10.1	14.2	4.2	1.5
1979 ²	7,037	17.9	22.5	17.5	12.3	10.2	12.5	5.4	1.8

NA Not available. ¹ Data for "all families" revised using population controls based on the 1970 Census of Population. These controls were not available by race. ² Based on householder concept. Restricted to primary families; see source.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 129.

NO. 726. MONEY INCOME OF FAMILIES—MEDIAN FAMILY INCOME IN CURRENT AND CONSTANT (1979) DOLLARS, AND INDEX, BY RACE OF HOUSEHOLDER: 1950 TO 1979

[See headnote, table 725. For definition of median, see Guide to Tabular Presentation]

YEAR	CURRENT DOLLARS						CONSTANT (1979) DOLLARS					
	Median income			Index (1947 = 100)			Median income			Index (1947 = 100)		
	All families	White	Black and other	All families	White	Black and other	All families	White	Black and other	All families	White	Black and other
1950.....	3,319	3,445	1,869	110	109	116	10,008	10,388	5,636	102	101	107
1955.....	4,418	4,613	2,544	146	146	158	11,976	12,505	6,896	122	122	131
1960.....	5,620	5,835	3,230	185	185	200	13,774	14,301	7,917	140	139	151
1965.....	6,957	7,251	3,993	230	230	247	16,005	16,681	9,186	162	163	175
1970.....	9,867	10,236	6,516	326	324	404	18,444	19,134	12,180	187	187	232
1971.....	10,285	10,672	6,714	339	338	416	18,433	19,127	12,033	187	186	229
1972.....	11,116	11,549	7,106	367	366	440	19,287	20,038	12,329	196	195	235
1973.....	12,051	12,595	7,596	398	399	471	19,684	20,572	12,407	200	201	237
1974.....	12,902	13,408	8,578	426	425	531	18,990	19,735	12,626	193	192	241
1975.....	13,719	14,268	9,321	453	452	578	18,502	19,242	12,571	188	188	240
1976.....	14,958	15,537	9,821	494	492	608	19,073	19,811	12,522	194	193	239
1977.....	16,009	16,740	10,142	528	530	628	19,176	20,051	12,148	195	195	232
1978.....	17,640	18,368	11,754	582	582	728	19,626	20,436	13,077	199	199	249
1979 ¹	19,661	20,502	12,380	649	649	767	19,661	20,502	12,380	200	200	236

¹ Based on householder concept. Restricted to primary families; see source and text pp. 418.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 129.

NO. 727. MONEY INCOME OF FAMILIES—CHARACTERISTICS, BY INCOME LEVEL AND RACE: 1979

[See headnote, table 725. For definition of mean and median, see Guide to Tabular Presentation]

RACE AND CHARACTERISTIC	Total	FAMILY INCOME LEVEL OF—							
		Under \$5,000	\$5,000–\$9,999	\$10,000–\$14,999	\$15,000–\$19,999	\$20,000–\$24,999	\$25,000–\$34,999	\$35,000–\$49,999	\$50,000 and over
All families¹ (1,000)	58,426	4,048	7,898	9,117	8,736	8,388	11,210	6,000	3,029
Mean income (dol.).....	22,376	2,968	7,543	12,377	17,431	22,309	29,240	40,823	69,728
Per capita income (dol.).....	6,830	1,008	2,580	4,062	5,349	6,649	8,471	11,138	18,490
Average number of—									
Persons per family.....	3.28	2.95	2.91	3.05	3.26	3.36	3.45	3.67	3.77
Children per family ²	1.04	1.24	.96	.98	1.09	1.11	1.06	.98	.93
Earners per family ³	1.66	.63	.88	1.29	1.64	1.82	2.10	2.49	2.50
Ratio of nonearners to earners ⁴	.97	3.66	2.31	1.36	.99	.85	.64	.47	.51
Median school yrs. completed by householder ⁵	12.5	10.2	10.9	12.2	12.5	12.7	12.8	13.8	16.3
White (1,000)	51,389	2,793	6,318	7,885	7,871	7,667	10,331	5,617	2,905
Mean income (dol.).....	23,288	2,899	7,603	12,406	17,441	22,324	29,252	40,828	69,876
Per capita income (dol.).....	7,234	1,028	2,757	4,216	5,444	6,754	8,609	11,242	18,664
Average number of—									
Persons per family.....	3.22	2.82	2.76	2.94	3.20	3.31	3.40	3.63	3.74
Children per family ²	.98	1.06	.80	.89	1.06	1.09	1.04	.97	.92
Earners per family ³	1.68	.67	.84	1.26	1.62	1.80	2.08	2.48	2.50
Ratio of nonearners to earners ⁴	.91	3.21	2.27	1.34	.98	.84	.63	.46	.50
Median school yrs. completed by householder ⁵	12.6	10.3	10.9	12.2	12.5	12.7	12.8	13.9	16.3
Black (1,000)	6,042	1,163	1,445	1,072	744	588	691	283	57
Mean income (dol.).....	14,604	3,130	7,305	12,173	17,308	22,138	29,071	40,504	64,032
Per capita income (dol.).....	3,981	976	2,053	3,255	4,578	5,707	7,162	9,933	15,465
Average number of—									
Persons per family.....	3.67	3.21	3.56	3.74	3.78	3.88	4.06	4.08	4.14
Children per family ²	1.50	1.64	1.63	1.54	1.40	1.32	1.35	1.13	.98
Earners per family ³	1.44	.54	1.03	1.47	1.83	1.99	2.33	2.57	2.46
Ratio of nonearners to earners ⁴	1.55	4.96	2.44	1.55	1.07	.95	.74	.59	.69
Median school yrs. completed by householder ⁵	12.0	10.1	10.7	11.8	12.2	12.3	12.6	12.8	16.5

¹ Includes other races not shown separately. ² Related children. ³ Civilian family members only. ⁴ Civilian persons without earnings in families, divided by total civilian persons 15 years old and over with earnings in families.

⁵ Householder 25 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 129.

**NO. 728. MONEY INCOME OF FAMILIES—PERCENT DISTRIBUTION BY INCOME LEVEL, BY RACE AND
SPANISH ORIGIN OF HOUSEHOLDER, AND SELECTED CHARACTERISTICS: 1979**

[Families as of March 1980. See headnote, table 725. For definitions, see text, p. 3, and for definition of median, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series G1-8 for U.S. data on total, White, and Black and other races]

RACE OF HOUSEHOLDER, REGION, RESIDENCE, AND EDUCATIONAL ATTAINMENT	Number of families (1,000)	PERCENT DISTRIBUTION OF FAMILIES, BY INCOME LEVEL (in \$1,000)—									Median income (dol.)
		Under 5.0	5.0– 9.9	10.0– 14.9	15.0– 19.9	20.0– 24.9	25.0– 29.9	30.0– 39.9	40.0– 49.9	50.0 and over	
All families ¹.....	58,426	6.9	13.5	15.6	15.0	14.4	11.5	12.6	5.4	5.2	19,661
White.....	51,389	5.4	12.3	15.3	15.3	14.9	12.0	13.3	5.8	5.7	20,502
Black.....	6,042	19.2	23.9	17.7	12.3	9.7	7.0	6.8	2.3	.9	11,644
Spanish origin ²	3,100	12.3	19.5	19.7	15.6	12.3	8.0	7.6	2.8	2.2	14,569
WHITE											
Northeast.....	11,548	5.0	12.1	14.4	14.1	15.6	12.4	14.0	6.3	6.0	21,349
North Central.....	14,200	4.8	11.2	14.5	15.8	15.4	12.8	14.3	6.0	5.3	21,120
South.....	16,143	6.7	13.4	17.2	16.1	14.3	11.1	11.5	4.8	5.0	18,960
West.....	9,499	4.8	12.3	14.5	14.9	14.4	11.9	14.0	6.3	6.9	21,113
In metropolitan areas.....	33,551	4.4	10.6	13.9	14.3	15.2	12.9	14.9	6.8	7.0	22,079
In central cities.....	11,700	6.2	13.4	16.1	14.6	15.0	11.5	11.9	5.4	7.5	19,891
Outside central cities.....	21,851	3.5	9.1	12.7	14.1	15.4	13.6	16.4	7.6	7.5	23,318
Outside metropolitan areas.....	17,838	7.3	15.5	18.1	17.2	14.3	10.4	10.3	3.7	3.2	17,551
Householder completed ³ —											
Elementary school:											
Less than 8 years.....	3,830	16.2	30.7	21.3	13.6	7.8	4.4	4.1	1.1	.8	10,619
8 years.....	4,017	9.7	23.8	21.3	16.0	11.6	7.6	6.5	2.4	1.2	13,670
High school:											
1–3 years.....	6,455	7.4	18.3	19.4	16.8	13.6	10.2	9.5	2.9	1.8	16,347
4 years.....	16,865	3.7	9.5	15.8	16.6	17.3	14.1	14.2	5.3	3.5	21,205
College: 1–3 years.....	7,311	2.9	7.3	12.4	15.2	17.6	15.1	16.6	7.3	5.7	23,357
4 years or more.....	9,747	1.1	2.9	6.8	10.6	14.1	13.6	21.4	12.1	17.3	30,321
BLACK											
Northeast.....	1,159	14.7	25.0	20.0	10.9	9.7	8.5	7.1	3.3	.9	12,097
North Central.....	1,253	19.9	20.2	14.8	12.7	11.1	7.7	9.0	2.7	1.9	13,108
South.....	3,072	21.4	25.3	18.0	12.7	9.2	5.7	5.4	1.8	.4	10,789
West.....	558	15.9	22.8	17.9	12.2	9.5	9.0	8.4	2.5	1.8	13,201
In metropolitan areas.....	4,726	17.7	22.5	17.8	12.5	10.2	8.0	7.6	2.7	1.1	12,350
In central cities.....	3,431	19.9	23.1	18.0	12.8	9.9	7.2	6.1	2.1	.9	11,596
Outside central cities.....	1,295	11.8	20.9	17.2	12.0	10.9	10.1	11.7	4.1	1.4	15,092
Outside metropolitan areas.....	1,316	24.9	29.0	17.6	11.5	8.0	3.4	3.6	1.3	.5	9,267
Householder completed ³ —											
Elementary school:											
Less than 8 years.....	1,043	26.4	33.4	19.5	9.4	6.3	3.5	1.1	.4	.2	8,310
8 years.....	414	24.7	25.9	17.9	10.4	12.6	1.9	4.8	1.0	.7	9,901
High school:											
1–3 years.....	1,242	20.7	27.3	19.4	12.0	7.6	5.5	5.1	2.4	–	10,457
4 years.....	1,752	12.9	21.6	17.1	14.5	12.6	9.2	8.6	2.9	.7	14,465
College: 1–3 years.....	686	8.7	14.0	19.2	13.8	12.8	13.3	13.7	3.4	1.0	18,098
4 years or more.....	390	5.4	9.0	12.8	14.3	11.8	13.0	17.4	7.7	8.7	23,282
SPANISH ORIGIN ²											
Northeast.....	606	19.3	24.6	19.5	10.9	9.4	5.6	6.6	2.5	1.7	11,419
North Central.....	241	9.1	14.0	22.3	16.5	13.2	11.6	7.0	2.5	3.7	15,987
South.....	935	14.1	18.6	20.7	14.7	11.1	8.5	6.9	3.5	1.9	14,017
West.....	1,319	8.3	18.7	18.7	18.3	14.3	8.2	8.7	2.4	2.4	16,180
In metropolitan areas.....	2,587	12.0	18.9	19.7	15.2	12.6	8.2	8.0	2.9	2.4	14,800
In central cities.....	1,495	15.3	21.5	20.5	13.0	12.2	7.2	6.2	1.9	2.1	12,974
Outside central cities.....	1,092	7.5	15.4	18.7	18.0	13.1	9.5	10.6	4.4	2.8	17,094
Outside metropolitan areas.....	512	13.3	22.4	19.8	18.0	10.8	7.1	5.9	2.0	.8	13,237
Householder completed ³ —											
Elementary school:											
Less than 8 years.....	846	16.4	28.2	22.6	15.6	7.2	4.5	3.8	.9	.8	10,985
8 years.....	248	12.0	23.7	21.7	12.4	16.5	5.2	4.8	2.0	1.6	13,057
High school:											
1–3 years.....	422	12.8	20.8	16.3	20.1	11.8	7.1	7.6	2.4	1.2	15,028
4 years.....	706	7.5	15.4	20.4	14.9	15.4	11.0	9.6	3.7	2.1	17,167
College: 1–3 years.....	310	5.5	11.4	15.9	16.9	19.2	11.7	13.0	3.2	3.2	20,084
4 years or more.....	246	3.2	6.5	10.1	9.7	14.5	14.1	20.2	10.9	10.9	26,601

– Represents zero. ¹ Includes other races not shown separately. ² Persons of Spanish origin may be of any race.

³ Restricted to families with householder 25 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P–60, No. 129.

**NO. 729. MEDIAN MONEY INCOME OF FAMILIES AND UNRELATED INDIVIDUALS, IN CURRENT AND
CONSTANT (1979) DOLLARS: 1950 TO 1979**

(In thousands of dollars. See headnote, table 725. Unrelated individuals=persons not living with any relatives. See text, pp. 4 and 418. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series G 179-188)

ITEM	1950	1955	1960	1965	1970	1975	1977	1978	1979 ¹
CURRENT DOLLARS									
Families:									
Married-couple families	3.4	4.6	5.9	7.3	10.5	14.9	17.6	19.3	21.5
Wife in paid labor force	(NA)	5.6	6.9	8.6	12.3	17.2	20.3	22.1	25.0
Wife not in paid labor force	(NA)	4.3	5.5	6.7	9.3	12.8	15.1	16.2	17.8
Male householder, no wife present	3.1	4.2	4.9	6.5	9.0	13.0	14.5	16.0	16.9
Female householder, no husband present	1.9	2.5	3.0	3.5	5.1	6.8	7.8	8.5	9.9
Unrelated individuals:									
Male	1.5	1.8	2.5	3.2	4.5	6.6	7.8	8.9	10.2
Female	.8	1.1	1.4	1.8	2.5	4.0	4.8	5.5	6.0
CONSTANT (1979) DOLLARS									
Families:									
Married-couple families	10.4	12.5	14.4	16.7	19.7	20.1	21.1	21.5	21.5
Wife in paid labor force	(NA)	15.2	16.9	19.8	22.9	23.2	24.3	24.6	25.0
Wife not in paid labor force	(NA)	11.7	13.5	15.2	17.4	17.2	18.0	18.0	17.8
Male householder, no wife present	9.4	11.4	11.9	14.1	16.8	17.5	17.4	17.8	16.9
Female householder, no husband present	5.8	6.7	7.3	8.1	9.5	9.2	9.3	9.5	9.9
Unrelated individuals:									
Male	4.6	5.0	6.1	6.8	8.5	8.9	9.4	9.9	10.2
Female	2.6	2.9	3.4	4.0	4.6	5.4	5.8	6.1	6.0

NA Not available. ¹ Based on household concept. Restricted to primary families, see source.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 129, and earlier issues.

**NO. 730. MONEY INCOME OF FAMILIES AND UNRELATED INDIVIDUALS—PERCENT OF AGGREGATE
INCOME AND INCOME AT SELECTED POSITIONS RECEIVED BY EACH FIFTH AND HIGHEST 5
PERCENT: 1960 TO 1979**

(See headnote, table 725. Unrelated individuals=persons not living with any relative; see text pp. 3 and 418. For definition of mean, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series 85-102 and G 124-128)

ITEM AND INCOME RANK	1960	1965	1970	1975	1979 ¹	ITEM AND INCOME RANK	1960	1965	1970	1975	1979 ¹
PERCENT OF AGGREGATE INCOME						Unrelated individuals					
All families:							2.5	3.2	4.6	6.6	9.8
Lowest fifth	4.8	5.2	5.4	5.4	5.3	All families:					
Second fifth	12.2	12.2	12.2	11.8	11.6	Upper limit:					
Middle fifth	17.8	17.8	17.6	17.6	17.5	Lowest fifth	2.8	3.5	5.1	6.9	9.8
Fourth fifth	24.0	23.9	23.8	24.1	24.1	Second fifth	4.8	5.9	8.3	11.5	16.2
Highest fifth	41.3	40.9	40.9	41.1	41.6	Middle fifth	6.4	7.9	11.3	16.0	23.0
Highest 5 percent	15.9	15.5	15.6	15.5	15.7	Fourth fifth	8.8	10.8	15.5	22.0	31.6
White:						Highest 5 percent	13.5	16.7	24.3	34.1	50.3
Lowest fifth	5.2	5.6	5.8	5.7	5.7	Unrelated individuals:					
Second fifth	12.7	12.6	12.5	12.1	12.0	Upper limit:					
Middle fifth	17.8	17.8	17.7	17.6	17.5	Lowest fifth	.7	.9	1.4	2.3	3.4
Fourth fifth	23.7	23.7	23.6	23.9	23.8	Second fifth	1.2	1.6	2.3	3.8	5.8
Highest fifth	40.7	40.3	40.5	40.7	41.0	Middle fifth	2.4	3.0	4.1	6.2	9.5
Highest 5 percent	15.7	15.4	15.5	15.4	15.5	Fourth fifth	4.2	5.1	7.2	10.0	15.0
Black and other:						Highest 5 percent	6.6	8.7	12.3	17.1	24.7
Lowest fifth	3.7	4.7	4.5	4.7	4.2	CONSTANT (1979) DOLLARS					
Second fifth	9.7	10.8	10.6	10.1	9.5	Mean:					
Middle fifth	16.5	16.6	16.8	16.7	15.9	All families	15.3	17.7	20.8	21.0	22.4
Fourth fifth	25.2	24.7	24.8	25.1	25.3	Unrelated					
Highest fifth	44.9	43.2	43.4	43.3	45.1	Individuals	6.1	7.3	8.5	8.9	9.8
Highest 5 percent	16.2	15.1	15.4	15.4	16.3	All families:					
Unrelated individuals:						Upper limit:					
Lowest fifth	1.7	2.9	3.3	4.0	4.0	Lowest fifth	6.8	8.1	9.5	9.3	9.8
Second fifth	7.3	7.6	7.9	9.0	9.1	Second fifth	11.8	13.5	15.6	15.5	16.2
Middle fifth	13.7	13.6	13.8	14.7	15.4	Middle fifth	15.6	18.2	21.1	21.6	23.0
Fourth fifth	26.0	25.0	24.4	24.3	24.3	Fourth fifth	21.6	24.8	29.0	29.7	31.6
Highest fifth	51.4	50.9	50.7	47.9	47.2	Highest 5 percent	33.2	38.4	45.3	46.0	50.3
Highest 5 percent	20.2	20.0	20.8	18.7	18.5	Unrelated individuals:					
INCOME AT SELECTED POSITIONS (\$1,000) CURRENT DOLLARS						Upper limit:					
Mean:						Lowest fifth	1.6	2.1	2.6	3.1	3.4
All families	6.2	7.7	11.1	15.5	22.4	Second fifth	2.9	3.6	4.3	5.1	5.8
						Middle fifth	5.9	6.9	7.7	8.3	9.5
						Fourth fifth	10.2	11.7	13.5	13.5	15.0
						Highest 5 percent	16.2	20.1	22.9	23.1	24.7

¹ Based on householder concept. Restricted to primary families.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 129.

No. 731. MONEY INCOME OF FAMILIES—AGGREGATE, MEAN, AND PER CAPITA INCOME, BY FAMILY CHARACTERISTICS: 1979

[Families as of March 1980. Based on Current Population Survey; see headnote, table 725]

CHARACTERISTIC	ALL RACES ¹				WHITE				BLACK			
	All families (1,000)	Aggregate income (bil. dol.)	Mean income ² (dol.)	Per capita income (dol.)	All families (1,000)	Aggregate income (bil. dol.)	Mean income ² (dol.)	Per capita income (dol.)	All families (1,000)	Aggregate income (bil. dol.)	Mean income ² (dol.)	Per capita income (dol.)
Total families.....	58,426	1,307.4	22,376	6,830	51,389	1,197.0	23,288	7,234	6,042	88.2	14,604	3,981
Age of householder:												
15 to 24 years.....	3,725	51.9	13,942	5,120	3,164	47.3	14,965	5,599	514	4.1	7,898	2,629
25 to 34 years.....	13,743	279.7	20,352	5,979	11,793	250.1	21,209	6,268	1,639	23.0	14,018	3,891
35 to 44 years.....	12,159	309.0	25,412	6,275	10,607	281.0	26,493	6,589	1,320	22.2	16,788	3,966
45 to 54 years.....	10,709	301.5	28,152	7,730	9,475	277.8	29,315	8,165	1,034	18.6	18,013	4,480
55 to 64 years.....	9,298	235.8	25,358	9,179	8,433	220.6	26,162	9,768	744	12.1	16,301	4,507
65 years and over.....	8,792	129.5	14,727	6,297	7,916	119.9	15,140	6,636	789	8.3	10,472	3,634
Marital status of householder:												
Male householder, total.....	48,255	1,166.4	24,172	7,290	44,049	1,083.0	24,583	7,509	3,393	63.5	18,712	5,056
Married—												
Wife present.....	46,548	1,132.1	24,321	7,288	42,631	1,053.0	24,702	7,499	3,136	59.4	18,950	5,037
Wife absent.....	266	5.0	18,644	6,286	206	4.0	19,647	6,889	56	.9	15,144	4,518
Separated.....	209	3.8	18,044	6,085	156	3.0	19,082	6,730	51	.8	15,213	4,527
Widowed.....	410	8.9	21,706	7,210	335	7.9	23,606	8,047	69	.9	13,521	4,183
Divorced.....	478	9.8	20,571	7,886	415	8.6	20,755	7,913	57	1.1	19,772	8,092
Single.....	552	10.6	19,153	7,664	462	9.2	19,954	8,143	76	1.2	15,421	5,575
Female householder, total.....	10,171	141.0	13,859	4,485	7,340	113.8	15,510	5,367	2,649	24.8	9,344	2,576
Married—												
Husband present.....	1,631	37.9	23,241	7,370	1,377	33.7	24,453	8,044	220	3.5	16,084	4,389
Husband absent.....	1,734	15.4	8,856	2,549	1,007	9.2	9,125	2,850	696	5.9	8,420	2,166
Separated.....	1,496	12.7	8,513	2,437	827	7.2	8,758	2,751	652	5.3	8,200	2,104
Widowed.....	2,518	37.3	14,824	4,989	1,939	31.5	16,228	5,870	539	5.2	9,733	2,638
Divorced.....	2,961	37.2	12,573	4,152	2,381	31.1	13,066	4,537	533	5.6	10,594	2,869
Single.....	1,328	13.1	9,902	3,449	636	8.4	13,218	5,303	661	4.5	6,751	2,085
Occupation of householder:												
White-collar workers.....	20,336	620.1	30,491	9,125	18,859	585.5	31,046	9,317	1,098	22.9	20,877	6,196
Blue-collar workers.....	17,200	381.0	22,153	6,265	15,266	343.3	22,489	6,453	1,703	32.5	19,083	4,877
Farm workers.....	1,419	26.5	18,664	5,291	1,323	25.3	19,108	5,576	71	.7	10,108	1,918
Service workers.....	3,580	62.8	17,548	5,263	2,698	50.5	18,715	5,822	770	10.2	13,314	3,657
Size of family:												
Two persons.....	22,913	437.2	19,081	9,483	20,771	410.9	19,784	9,842	1,882	22.0	11,679	5,727
Three persons.....	13,332	299.3	22,454	7,456	11,647	272.6	23,401	7,768	1,460	21.7	14,849	4,934
Four persons.....	12,180	306.0	25,124	6,314	10,730	279.9	26,092	6,557	1,243	20.9	16,845	4,219
Five persons.....	5,871	156.5	26,651	5,368	5,089	142.7	28,033	5,651	648	10.4	16,049	3,209
Six persons.....	2,439	64.0	26,217	4,402	1,971	56.0	28,415	4,775	389	6.0	15,349	2,547
Seven or more.....	1,691	44.4	26,240	3,407	1,181	34.6	29,308	3,878	419	7.3	17,317	2,145

¹ Includes other races not shown separately. ² For definition of mean, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 129.

No. 732. AGGREGATE MONEY INCOME—TOTAL AND PER CAPITA, IN COUNTIES WITHIN 50 MILES OF COASTAL SHORELINES: 1959 TO 1977

[1959 and 1969 as of April 1 and based on census data; 1977 as of July 1 and based on income estimates developed for Federal revenue-sharing allocations; for details, see *Current Population Reports*, series P-25, No. 699. Excludes Alaska and Hawaii. Great Lakes includes St. Lawrence River region. Covers 611 counties and independent cities which are within 50 miles of coastal shorelines listed. For population and land area of those regions, see table 5]

REGION	AGGREGATE INCOME						PER CAPITA INCOME (dol.)			AGGREGATE INCOME PER SQUARE MILE (\$1,000)		
	Total (bil. dol.)			Percent of U.S.			1959	1969	1977	1959	1969	1977
	1959	1969	1977	1959	1969	1977						
U.S. total.....	330.0	630.3	1,243.3	100.0	100.0	100.0	1,849	3,117	5,742	111	213	420
Coastal regions.....	191.9	372.9	707.6	58.1	59.2	56.9	2,073	3,438	6,168	416	809	1,513
Atlantic.....	87.8	169.2	305.6	26.6	26.8	24.6	2,112	3,512	6,134	727	1,400	2,502
Pacific.....	37.3	78.6	157.0	11.3	12.5	12.6	2,221	3,657	6,611	317	667	1,334
Great Lakes.....	54.6	99.6	182.2	16.5	15.8	14.7	2,069	3,398	6,135	426	776	1,362
Gulf of Mexico.....	12.1	25.5	62.8	3.7	4.0	5.0	1,556	2,691	5,484	129	272	668
Balance of U.S.....	138.1	257.4	535.8	41.8	40.8	43.1	1,608	2,745	5,262	55	103	215

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

NO. 733. MONEY INCOME LEVEL OF FAMILIES—PERCENT DISTRIBUTION, BY INCOME LEVEL AND MEDIAN INCOME IN CONSTANT (1979) DOLLARS, BY REGIONS: 1960 TO 1979

[Families as of March of following year. For composition of regions, see fig. 1, inside front cover. Beginning 1975, data not strictly comparable with earlier years due to revised procedures. See also headnote, table 725. For definition of median, see Guide to Tabular Presentation]

REGION AND INCOME LEVEL	1960	1965	1970	1975	1979 ¹	REGION AND INCOME LEVEL	1960	1965	1970	1975	1979 ¹
Northeast						South—Con.					
Under \$5,000.....	7.9	6.6	5.4	5.2	5.9	\$10,000–\$14,999.....	22.7	20.6	18.5	17.6	17.4
\$5,000–\$9,999.....	16.6	13.8	11.8	14.0	13.3	\$15,000–\$19,999.....	15.9	19.2	20.5	16.3	15.5
\$10,000–\$14,999.....	26.5	19.1	14.9	15.8	15.0						
\$15,000–\$19,999.....	22.9	25.2	22.9	16.6	13.8	\$20,000–\$24,999.....	6.4	8.4	10.3	13.7	13.4
\$20,000–\$24,999.....	10.1	12.1	12.3	15.0	15.0	\$25,000–\$34,999.....				14.3	15.9
\$25,000–\$34,999.....			20.1	20.9	20.1	\$35,000–\$49,999.....	8.3	13.4	5.5	6.0	8.3
\$35,000–\$49,999.....	16.1	23.2	8.0	8.1	11.3	\$50,000 and over.....			3.0	3.1	4.3
\$50,000 and over.....			4.5	4.4	5.6						
North Central						West					
Under \$5,000.....	12.2	7.9	6.0	5.8	6.0	Under \$5,000.....	8.0	6.5	6.3	6.3	5.7
\$5,000–\$9,999.....	18.3	15.0	12.9	13.1	11.9	\$5,000–\$9,999.....	14.7	15.0	13.3	15.1	12.8
\$10,000–\$14,999.....	23.9	19.6	15.1	15.4	14.6	\$10,000–\$14,999.....	22.7	17.7	15.3	15.0	14.6
\$15,000–\$19,999.....	23.5	24.8	23.3	17.0	15.5	\$15,000–\$19,999.....	23.9	23.3	22.4	15.8	14.5
\$20,000–\$24,999.....	9.5	11.6	12.2	15.9	15.1	\$20,000–\$24,999.....	11.1	11.7	11.9	14.6	14.1
\$25,000–\$34,999.....			19.7	21.1	20.9	\$25,000–\$34,999.....			19.5	21.1	19.9
\$35,000–\$49,999.....	12.6	21.1	7.2	7.7	10.9	\$35,000–\$49,999.....	19.6	25.7	7.5	7.9	11.7
\$50,000 and over.....			3.6	3.8	5.0	\$50,000 and over.....			4.1	4.1	6.6
South						MEDIAN INCOME (\$1,000)					
Under \$5,000.....	22.3	17.3	11.1	9.8	9.1	Northeast.....	14.8	17.4	20.0	19.5	20.6
\$5,000–\$9,999.....	24.4	21.1	16.6	17.7	15.2	North Central.....	14.2	16.8	19.3	19.6	20.6
						South.....	10.7	12.9	16.0	16.5	17.6
						West.....	16.0	17.7	19.2	19.3	20.8

¹ Based on householder concept. Restricted to primary families; see source.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 129.

NO. 734. MEDIAN FAMILY MONEY INCOME—STATES: 1959 TO 1975

[1959 and 1969, families as of April 1960 and April 1970, respectively; 1975, families as of spring 1976. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series G 205–256]

STATE RANKED BY 1975 MEDIAN INCOME	1959 ¹		1969 ¹		1975 ²		STATE RANKED BY 1975 MEDIAN INCOME	1959 ¹		1969 ¹		1975 ²	
	Income	Rank	Income	Rank	Income	Rank		Income	Rank	Income	Rank	Income	Rank
U.S.	\$5,660	(x)	\$9,586	(x)	\$14,094	(x)	Nebr.....	\$4,862	36	\$8,562	31	\$14,209	25
Alaska.....	7,305	1	12,441	1	22,432	1	Pa.....	5,719	21	9,554	20	14,153	26
Hawaii.....	6,366	8	11,552	3	17,770	2	Oreg.....	5,892	17	9,487	22	13,854	27
Md.....	6,309	9	11,057	5	17,556	3	N. Dak.....	4,530	40	7,836	39	13,626	28
N.J.....	6,786	3	11,403	4	16,432	4	Mont.....	5,403	26	8,509	32	13,608	29
Conn.....	6,687	2	11,806	2	16,244	5	Ariz.....	5,568	25	9,185	24	13,569	30
Ill.....	6,566	6	10,957	7	16,062	6	Kans.....	5,295	28	8,690	30	13,412	31
Del.....	6,197	13	10,209	14	15,732	7	Mo.....	5,127	30	8,908	29	13,011	32
Mass.....	6,272	10	10,833	8	15,531	8	Idaho.....	5,259	29	8,380	34	12,844	33
Mich.....	6,256	11	11,029	6	15,385	9	Tex.....	4,884	34	8,486	33	12,672	34
N.Y.....	6,371	7	10,609	11	15,288	10	La.....	4,272	41	7,527	43	12,576	35
Calif.....	6,726	5	10,729	9	15,069	11	Ga.....	4,208	43	8,165	37	12,441	36
Wis.....	5,926	15	10,065	15	15,064	12	Vt.....	4,890	33	8,928	28	12,415	37
Colo.....	5,760	20	9,552	21	14,992	13	Fla.....	4,722	37	8,261	35	12,205	38
Wash.....	6,225	12	10,404	12	14,962	14	S.C.....	3,821	48	7,620	42	12,188	39
Nev.....	6,736	4	10,687	10	14,861	15	Okla.....	4,620	38	7,720	41	12,172	40
Ohio.....	6,171	14	10,309	13	14,822	16	S. Dak.....	4,251	42	7,490	44	12,051	41
Wyo.....	5,877	18	8,944	27	14,784	17	W. Va.....	4,572	39	7,414	47	12,007	42
Minn.....	5,573	24	9,925	17	14,740	18	Maine.....	4,873	35	8,205	36	11,830	43
Va.....	4,964	32	8,044	25	14,579	19	N.C.....	3,956	45	7,770	40	11,834	44
R.I.....	5,569	23	9,733	18	14,530	20	N. Mex.....	5,371	27	7,345	38	11,798	45
Iowa.....	5,069	31	9,016	26	14,464	21	Ala.....	3,937	47	7,263	48	11,785	46
Ind.....	5,798	19	9,966	16	14,411	22	Tenn.....	3,949	46	7,446	45	11,341	47
Utah.....	5,899	16	9,320	23	14,329	23	Ky.....	4,051	44	7,439	46	11,010	48
N.H.....	5,636	22	9,682	19	14,258	24	Ark.....	3,184	49	6,271	49	10,106	49
							Miss.....	2,884	50	6,068	50	9,999	50

X Not applicable. ¹ From the 1960 and 1970 censuses of population. Based on sample; see Appendix III. ² From the 1976 Survey of Income and Education (SIE), based on a sample of 151,000 households; for details, see source.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. 1; *Current Population Reports*, series P-60, Nos. 110–113.

NO. 735. MEDIAN MONEY INCOME OF 4-PERSON FAMILIES—STATES: 1969 TO 1979

[Except 1969, estimates based on a linear regression model using data from March Current Population Survey, 1970 Census of Population, and per capita personal income estimates from the U.S. Bureau of Economic Analysis. For definition of median, see Guide to Tabular Presentation]

STATE	MEDIAN INCOME (dol.)				Percent change, 1969- 1979	STATE	MEDIAN INCOME (dol.)				Percent change, 1969- 1979
	1969	1975	1979				1969	1975	1979		
			Total	Rank					Total	Rank	
U.S.	10,782	15,848	22,395	(x)	107.7	Mo.	10,277	14,996	21,294	29	107.2
Ala.	8,825	14,018	18,613	48	110.9	Mont.	9,337	14,900	20,051	40	114.7
Alaska	13,048	25,638	31,037	1	137.9	Nebr.	9,651	15,381	20,749	36	115.0
Ariz.	10,543	15,829	23,000	17	118.2	Nev.	11,565	16,945	25,457	2	120.1
Ark.	7,951	12,969	18,493	49	132.6	N.H.	10,647	14,954	22,335	24	109.8
Calif.	11,918	17,393	25,109	4	110.7	N.J.	12,456	17,984	24,640	6	97.8
Colo.	10,612	16,928	25,228	3	137.7	N. Mex.	8,934	13,954	21,032	33	135.4
Conn.	12,668	17,781	24,410	9	92.7	N.Y.	11,654	16,105	21,082	32	80.9
Del.	11,166	16,243	21,184	31	89.7	N.C.	9,104	13,883	19,648	41	115.8
D.C.	10,302	16,554	21,310	28	106.9	N. Dak.	8,736	15,321	19,520	42	123.4
Fla.	9,990	15,303	20,757	35	107.8	Ohio	11,185	15,848	22,528	23	101.4
Ga.	9,650	14,538	21,578	27	123.6	Okla.	9,219	14,436	20,852	34	126.2
Hawaii	12,411	18,825	24,582	7	98.1	Ore.	10,638	16,349	24,031	13	125.9
Idaho	9,323	14,664	20,429	37	119.1	Pa.	10,514	15,753	22,314	25	112.2
Ill.	11,912	17,793	24,265	12	103.7	R.I.	10,721	15,691	21,636	26	101.8
Ind.	10,941	15,731	22,614	21	106.7	S.C.	8,939	13,879	20,154	39	125.5
Iowa	10,173	16,536	22,567	22	121.8	S. Dak.	8,582	13,351	19,209	45	123.8
Kans.	9,941	15,709	22,848	19	129.8	Tenn.	8,781	13,646	19,437	43	121.4
Ky.	8,712	13,625	19,138	46	119.7	Tex.	9,998	15,802	23,416	16	134.2
La.	8,674	13,992	20,166	38	127.2	Utah	9,910	15,352	21,250	30	114.4
Maine	8,964	12,948	18,074	50	101.6	Vt.	9,742	14,294	19,314	44	98.2
Md.	11,988	18,132	24,686	5	106.9	Va.	10,256	16,348	22,976	18	124.0
Mass.	11,683	16,546	23,786	14	103.6	Wash.	11,392	16,818	24,410	9	114.3
Mich.	11,955	16,919	24,422	8	104.3	W. Va.	8,514	14,064	18,876	47	121.7
Minn.	11,029	16,871	24,409	11	121.3	Wis.	11,025	16,593	23,518	15	113.3
Miss.	7,825	12,174	17,672	51	125.8	Wyo.	9,966	16,818	22,673	20	127.5

X Not applicable.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I; and *Federal Register*, Dec. 22, 1976, and Nov. 24, 1980.

NO. 736. MEDIAN FAMILY MONEY INCOME FOR 20 LARGEST SMSA's: 1969 AND 1979

[In dollars. Data subject to sampling variability. For definition of median, see Guide to Tabular Presentation]

STANDARD METROPOLITAN STATISTICAL AREA (SMSA)	SMSA TOTAL		CENTRAL CITY		SUBURBS ¹		RATIO OF CITY TO SUBURB	
	1969	1979	1969	1979	1969	1979	1969	1979
New York, N.Y.....	10,862	19,289	9,682	14,628	13,560	25,722	.71	.57
Los Angeles-Long Beach, Calif.....	10,968	20,730	10,503	18,742	11,293	21,891	.93	.86
Chicago, Ill.....	11,928	23,826	10,242	17,467	13,461	27,094	.76	.64
Philadelphia, Pa.-N.J.....	10,780	21,707	10,431	15,240	11,675	24,551	.89	.82
Detroit, Mich.....	12,112	24,442	7,944	17,788	13,253	26,791	.60	.66
San Francisco-Oakland, Calif.....	11,799	24,070	10,190	19,469	12,533	24,997	.81	.78
Washington, D.C.-Md.-Va.....	12,928	29,086	9,583	18,839	13,893	31,751	.69	.59
Boston, Mass.....	11,448	22,222	9,133	14,318	12,058	24,088	.76	.59
Pittsburgh, Pa.....	9,729	21,921	8,800	17,277	10,039	22,519	.88	.77
St. Louis, Mo.-Ill.....	10,495	22,501	8,182	14,314	10,393	24,732	.79	.58
Baltimore, Md.....	10,571	21,855	8,815	16,624	11,755	23,900	.74	.70
Cleveland, Ohio.....	11,399	21,882	9,107	14,999	12,704	24,445	.72	.61
Houston, Texas.....	10,190	23,058	9,875	20,721	10,593	25,467	.93	.81
Newark, N.J.....	11,845	24,661	7,735	11,669	12,878	26,851	.60	.43
Minneapolis-St. Paul, Minn.....	11,679	25,321	9,960	19,664	12,170	27,632	.82	.71
Dallas, Texas.....	10,397	22,034	10,019	21,095	10,764	22,848	.93	.92
Seattle-Everett, Wash.....	11,670	25,484	10,946	22,019	12,168	26,112	.90	.84
Anaheim-Santa Ana-Garden Grove, Calif.....	12,236	25,639	11,260	24,324	13,123	26,034	.86	.93
Milwaukee, Wis.....	11,332	25,501	10,262	21,172	12,512	28,938	.82	.73
Atlanta, Ga.....	10,693	21,878	8,399	9,814	11,675	24,586	.72	.40

¹ Balance of SMSA.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, and *Current Population Reports*, series P-60, No. 129.

**NO. 737. MEDIAN FAMILY MONEY INCOME IN CONSTANT (1979) DOLLARS, BY NUMBER OF EARNERS
AND RACE OF HOUSEHOLDER: 1970 TO 1979**

[See headnote, table 725. For definition of median, see Guide of Tabular Presentation]

YEAR AND NUMBER OF EARNERS	ALL FAMILIES, MEDIAN FAMILY INCOME (dollars)			FAMILIES WITH HOUSEHOLDER, YEAR-ROUND FULL-TIME WORKER						BLACK-WHITE MEDIAN FAMILY INCOME RATIO	
	All races ¹	White	Black	Percent of all families			Median family income (dollars)			All families	Fami- lies with house- holder year- round full- time worker
				All races ¹	White	Black	All races ¹	White	Black		
All families, 1970	18,444	19,134	11,737	64.1	65.5	51.4	22,065	22,462	16,599	.61	.74
No earners.....	6,148	6,522	4,178	.1	.1	-	(B)	(B)	(B)	.64	(X)
1 earner.....	15,612	16,287	9,055	65.2	67.0	46.7	18,226	18,618	12,212	.56	.66
2 earners.....	20,918	21,404	15,758	72.6	73.4	66.2	22,923	23,379	18,274	.74	.78
3 earners.....	26,989	27,656	18,693	78.1	79.4	64.3	28,899	29,587	22,131	.68	.75
4 earners or more.....	31,195	32,360	20,772	80.9	83.0	64.6	33,066	33,771	23,938	.64	.71
All families, 1975²	18,573	19,312	11,764	59.3	60.9	45.2	23,144	23,581	18,127	.61	.77
No earners.....	7,056	7,613	4,735	-	-	-	(B)	(B)	(B)	.62	(X)
1 earner.....	15,601	16,451	9,556	59.4	61.3	42.3	19,091	19,597	13,163	.58	.67
2 earners.....	21,656	22,064	17,416	71.3	72.1	64.1	23,744	24,062	20,097	.79	.84
3 earners.....	27,689	28,268	21,319	76.5	77.8	65.0	29,585	29,949	24,424	.75	.82
4 earners or more.....	32,077	32,641	24,474	80.2	81.6	67.6	33,783	34,030	25,617	.75	.75
All families, 1979³	19,715	20,552	11,580	60.6	62.4	46.1	24,289	24,740	18,737	.56	.76
No earners.....	7,648	8,494	4,325	-	-	-	(B)	(B)	(B)	.51	(X)
1 earner.....	15,607	16,721	9,127	57.9	60.0	42.9	19,062	19,793	11,671	.55	.59
2 earners.....	22,687	23,122	18,344	74.8	75.8	65.9	24,411	24,671	21,013	.79	.85
3 earners.....	29,472	29,999	23,038	78.3	79.5	67.2	31,071	31,501	25,732	.77	.82
4 earners or more.....	36,002	36,833	27,037	80.9	82.2	65.3	37,610	38,431	29,516	.75	.77

- Represents zero or rounds to zero. B Base less than 75,000. X Not applicable. ¹Includes other races not shown separately. ²Civilian members 14 years old and over. ³Civilian members 15 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 129 and earlier issues.

**NO. 738. MEDIAN FAMILY INCOME OF MARRIED-COUPLE FAMILIES—BY WORK EXPERIENCE OF
HUSBAND AND WIFE, RACE, AND AGE OF HOUSEHOLDER: 1975 AND 1979**

[See headnote, table 725. For definition of median, see Guide to Tabular Presentation]

RACE AND AGE OF HOUSEHOLDER	1975						1979					
	All married- couple families ¹		Only husband worked		Husband and wife worked		All married- couple families ¹		Only husband worked		Husband and wife worked	
	Num- ber (1,000)	Median income (dol.)	Num- ber (1,000)	Median income (dol.)	Num- ber (1,000)	Median income (dol.)	Num- ber (1,000)	Median income (dol.)	Num- ber (1,000)	Median income (dol.)	Num- ber (1,000)	Median income (dol.)
Total, all races	47,318	14,867	13,962	13,006	22,335	17,433	48,180	21,503	11,336	18,735	25,442	25,119
Under 35 years.....	14,130	13,584	5,136	12,091	8,589	14,815	14,088	20,080	3,796	17,048	9,894	21,352
35-54 years.....	18,737	18,084	5,038	14,875	10,016	19,907	18,811	26,321	4,057	21,047	11,648	28,515
55 years and over.....	14,452	11,668	3,788	12,392	3,730	18,262	15,280	16,365	3,483	17,800	3,901	26,816
White, total	43,311	15,125	13,029	13,312	20,181	17,676	44,008	21,824	10,541	19,176	23,056	25,405
Under 35 years.....	12,899	13,738	4,789	12,302	7,777	14,954	12,765	20,256	3,501	17,396	8,955	21,448
35-54 years.....	17,048	18,490	4,641	15,232	9,025	20,258	17,130	26,724	3,760	21,496	10,523	28,863
55 years and over.....	13,365	11,915	3,599	12,556	3,379	18,692	14,113	16,757	3,279	18,233	3,578	27,326
Black, total	3,352	11,526	749	9,429	1,808	14,917	3,355	16,887	625	12,216	1,898	21,461
Under 35 years.....	1,036	11,543	285	8,817	695	13,661	1,029	17,278	209	11,322	749	19,588
35-54 years.....	1,953	13,640	289	10,215	811	16,809	1,333	20,549	239	13,942	888	24,438
55 years and over.....	963	7,970	175	9,179	301	13,934	994	11,520	176	11,477	261	18,462
Percent Black of White	7.7	76.2	5.7	70.8	9.0	84.4	7.6	77.4	5.9	63.7	8.2	84.5
Under 35 years.....	8.0	84.0	6.0	71.7	8.9	91.4	8.1	85.3	6.0	65.1	8.4	91.3
35-54 years.....	7.9	73.8	6.2	67.1	9.0	83.0	7.8	76.9	6.4	64.9	8.4	84.7
55 years and over.....	7.2	66.9	4.9	73.1	8.9	74.5	7.0	68.7	5.4	62.9	7.3	67.6

¹ Includes other combinations, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 105, and unpublished data.

NO. 739. WIFE'S CONTRIBUTION TO FAMILY INCOME—FAMILIES WITH HUSBAND AND WIFE BOTH EARNERS, BY RACE OF HUSBAND: 1978 AND 1979

[Families as of **March 1979** and **March 1980**. See headnote, table 725. For definition of mean, see Guide to Tabular Presentation. For composition of regions, see fig. 1, inside front cover.]

ITEM	WHITE EARNERS					BLACK EARNERS				
	Total	North and West	South	Wife, full-time worker		Total	North and West	South	Wife, full-time worker	
				Year-round	Not year-round				Year-round	Not year-round
1978: Husband-wife families, both earners (1,000)	22,227	15,203	7,024	12,486	9,741	1,865	830	1,035	1,238	627
Mean income (dol.).....	25,011	25,556	23,833	26,520	23,077	21,378	24,570	28,760	23,765	16,664
Earnings of wife, avg. (dol.).....	6,236	6,272	6,160	8,401	3,461	7,030	8,336	5,983	8,708	3,715
Percent of family income.....	24.9	24.5	25.8	31.7	15.0	32.9	33.9	31.8	36.6	22.3
1979: Married-couple families, both earners (1,000)	23,056	15,807	7,249	13,101	9,955	1,898	848	1,050	1,256	642
Mean income (dol.).....	27,922	28,673	26,285	29,699	25,584	22,761	25,722	20,370	25,128	18,128
Earnings of wife, avg. (dol.).....	6,916	6,988	6,760	9,353	3,709	7,446	8,601	6,513	9,240	3,935
Percent of family income.....	24.8	24.4	25.7	31.5	14.5	32.7	33.4	32.0	36.8	21.7

NO. 740. MONEY INCOME OF FAMILIES—PERCENT OF FAMILIES BY TYPE OF INCOME, MEAN INCOME, AND PERCENT OF AGGREGATE INCOME, BY INCOME LEVEL: 1979

[Families as of **March 1980**. See headnote, table 725. Minus sign (—) denotes loss. For data limitations, see source.]

ITEM	FAMILIES WITH INCOME LEVEL (in dollars) OF—									
	All families	Under 5,000	5,000–9,999	10,000–14,999	15,000–19,999	20,000–24,999	25,000–34,999	35,000–49,999	50,000 and over	
Families with income, total (1,000)	58,426	4,048	7,898	9,117	8,736	8,388	11,210	6,000	3,029	
Percent of families by type of income—										
Earnings: Wage or salary income.....	100.0	3.5	9.7	14.9	16.3	16.2	22.0	11.7	5.7	
Self-employment income: Nonfarm.....	100.0	5.0	9.7	13.6	15.4	13.2	19.4	12.8	10.9	
Farm.....	100.0	8.1	12.2	15.8	16.0	12.8	16.8	11.6	6.7	
Income other than earnings:										
Social security and railroad retirement..	100.0	9.4	27.3	23.3	12.9	9.3	10.4	4.9	2.4	
Veterans', unemployment, and workers' compensation.....	100.0	3.6	12.8	18.1	17.4	16.3	19.5	9.3	3.1	
Supplemental security income.....	100.0	29.0	31.8	15.3	8.6	6.1	5.1	3.2	.8	
Public assistance or welfare.....	100.0	39.3	32.7	13.1	6.1	4.2	3.7	.7	.2	
Dividends, interest, rent, etc. ¹	100.0	2.6	9.1	13.7	15.0	16.1	23.2	13.3	7.0	
Retirement income ²	100.0	1.8	17.5	23.6	14.3	12.5	15.9	9.4	4.9	
Other income ³	100.0	6.0	13.4	17.0	14.0	14.1	17.9	12.0	5.7	
MEAN INCOME, BY TYPE (dollars)										
All families with income	22,379	2,903	7,543	12,377	17,431	22,309	29,240	40,823	69,728	
Earnings: Wage or salary income.....	20,482	2,068	5,504	9,719	14,863	19,577	25,829	35,420	52,439	
Self-employment income: Nonfarm.....	11,270	—938	2,977	5,216	6,436	8,361	10,628	15,641	38,096	
Farm.....	8,447	—1,840	2,842	5,090	6,075	7,075	10,970	16,163	27,483	
Income other than earnings:										
Social security, railroad retirement.....	4,719	2,848	4,820	5,320	5,060	4,674	4,448	4,768	4,499	
Veterans', unemployment, and workers' compensation.....	1,663	1,138	1,608	1,721	1,573	1,652	1,618	1,866	2,398	
Supplemental security income.....	1,790	1,562	1,935	2,086	1,640	1,693	1,917	1,583	1,146	
Public assistance or welfare.....	2,620	2,391	3,101	2,466	2,202	2,667	2,136	1,861	2,555	
Dividends, interest, rent, etc. ¹	1,634	296	724	1,024	942	1,013	1,241	2,132	7,827	
Retirement income ²	5,393	1,387	2,259	3,860	5,030	5,926	7,023	8,635	13,575	
Other income ³	1,944	1,108	1,559	1,806	1,875	1,900	1,857	1,748	5,101	
PERCENT OF AGGREGATE INCOME										
All families with income	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Earnings: Wage or salary income.....	76.5	30.0	43.6	62.7	77.7	82.7	85.0	83.0	69.1	
Self-employment income: Nonfarm.....	6.3	—3.0	3.6	4.6	4.8	4.3	4.6	6.0	14.5	
Farm.....	1.1	—2.2	1.0	1.2	1.1	.8	.7	1.3	1.5	
Income other than earnings:										
Social security, railroad retirement.....	4.8	30.9	29.6	14.7	5.8	3.1	1.9	1.3	.7	
Veterans', unemployment, and workers' compensation.....	1.2	3.3	3.3	2.6	1.7	1.4	.9	.7	.3	
Supplemental security income.....	.2	6.1	1.6	.4	.1	.1	—	—	—	
Public assistance or welfare.....	.7	26.6	5.6	.9	.3	.2	—	—	—	
Dividends, interest, rent, etc. ¹	5.2	2.7	4.6	5.2	3.8	3.6	3.6	4.8	10.7	
Retirement income ²	2.9	1.5	4.7	5.7	3.3	2.8	2.4	2.4	2.2	
Other income ³	1.0	4.0	2.4	1.9	1.2	1.0	.7	.6	1.0	

— Represents zero. ¹Includes income from estates, trusts, and net royalties. ²Includes private and government employee pensions and annuities. ³Includes alimony, child support, regular contributions from outside the household, etc.

Source of tables 739 and 740: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 129, and unpublished data.

NO. 741. MEDIAN MONEY INCOME OF YEAR-ROUND FULL-TIME WORKERS WITH INCOME, BY SEX AND AGE: 1970 TO 1979

[Age as of March of following year. Refers to civilian workers. 1970 not strictly comparable with later years due to revised procedures; see source. For definition of median, see Guide to Tabular Presentation]

AGE	WOMEN			MEN			RATIO: WOMEN TO MEN		
	1970	1975	1979	1970	1975	1979	1970	1975	1979
Total with income.....	\$5,440	\$7,719	¹ \$10,550	\$9,184	\$13,144	¹ \$17,514	.59	.59	¹ .60
14-19 years.....	3,783	4,568	² 6,719	3,950	5,657	² 7,494	.96	.81	² .90
20-24 years.....	4,928	6,598	8,575	6,655	8,521	11,477	.74	.77	.75
25-34 years.....	5,923	8,401	11,151	9,126	12,777	16,798	.65	.66	.66
35-44 years.....	5,531	8,084	11,190	10,258	14,730	20,052	.54	.55	.56
45-54 years.....	5,588	7,980	10,937	9,931	14,808	20,464	.56	.54	.53
55-64 years.....	5,468	7,785	10,868	9,071	13,518	19,415	.60	.58	.56
65 years and over.....	4,884	7,273	10,678	6,754	11,485	16,125	.72	.63	.66

¹ For the year 1979, restricted to 15 years old and over. ² For the year 1979, restricted to 15 to 19 years.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 129, and earlier issues.

NO. 742. MONEY INCOME OF PERSONS—PERCENT DISTRIBUTION BY INCOME LEVEL, MEDIAN AND MEAN INCOME, BY SEX, 1950 TO 1979, AND BY RACE AND AGE, 1970 AND 1979

[For 1950-1975, persons 14 years old and over; thereafter, 15 years old and over. As of March of following year. Based on Current Population Survey; see headnote, table 725. For definition of median and mean, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series G 257-268, for percent distribution by income level, and median income]

SEX, YEAR, AGE AND RACE	All persons (mil.)	PERSONS WITH INCOME										Medi- an in- come (dol.)	Mean in- come (dol.)
		Total (mil.)	Percent distribution by income (in dollars) level—							25,000 and over			
			1 to 1,999 or less ¹	2,000- 3,999	4,000- 5,999	6,000- 7,999	8,000- 9,999	10,000- 14,999	15,000- 24,999				
MALE													
1950.....	52.6	47.6	37.1	42.6	14.2	2.9	1.1		2.0			2,570	2,961
1960.....	60.4	55.2	27.6	21.4	24.7	14.7	5.5	4.1	1.4	.6		4,080	4,617
1970.....	70.6	65.0	18.8	13.7	12.9	14.7	13.2	17.7	6.8	2.3		6,670	7,537
1975.....	77.6	71.2	12.9	12.0	10.8	10.0	9.6	21.7	17.5	5.4		8,853	10,429
1979.....	80.2	76.5	9.5	9.2	8.4	8.3	7.0	17.8	25.7	14.1		11,845	14,369
14-19 yr.....	10.2	7.5	56.0	22.1	9.4		8.0		3.5	.9		1,788	2,698
20-24 yr.....	9.8	9.4	11.1	13.7	12.4		25.6		23.1	12.8	1.4	7,794	8,679
25-34 yr.....	17.3	17.1	2.9	4.2	5.0		14.7		24.2	37.0	12.1	14,770	15,623
35-44 yr.....	12.3	12.2	2.7	2.8	3.2		9.4		17.4	38.5	25.7	18,413	20,492
45-54 yr.....	11.0	10.8	3.6	4.1	4.2		9.5		16.8	34.5	27.5	18,174	20,246
55-64 yr.....	9.9	9.8	3.8	7.0	7.0		14.0		18.2	29.2	20.7	16,007	17,872
65-69 yr.....	3.8	3.8	3.9	14.4	19.5		27.4		17.4	10.8	6.5	7,723	10,382
70 and over.....	6.0	5.9	4.5	22.8	24.6		27.7		10.8	5.8	3.7	5,821	8,008
White: 1970.....	63.0	58.4	17.7	13.0	12.3	14.7	13.6	18.8	7.5	2.5		7,011	7,840
1979.....	70.6	68.1	8.9	8.5	8.2	8.0	6.9	17.8	26.6	15.3		12,357	14,920
Black: 1970.....	6.8	5.8	28.6	19.9	18.8	15.0	9.5	6.8	1.2	.2		4,157	4,683
1979.....	8.1	7.1	14.1	16.0	10.8		19.7	17.7	17.7	3.9		7,745	9,383
FEMALE													
1950.....	58.9	24.7	75.4	22.6	1.5	.2	.1		.1			953	1,296
1960.....	65.3	36.5	62.8	25.0	9.8	1.8	.3		.2			1,261	1,861
1970.....	77.6	51.6	46.7	22.1	15.7	8.6	3.8	2.5	.4	.2		2,237	3,138
1975.....	85.0	60.8	31.9	24.0	15.4	11.2	7.3	7.9	2.2	.3		3,385	4,513
1979.....	88.0	78.2	28.0	19.5	12.7	11.3	7.8	12.7	6.7	1.2		4,354	6,032
14-19 yr.....	10.1	7.0	63.5	21.0	7.9		6.5		.8	.2		1,575	2,057
20-24 yr.....	10.2	9.3	24.9	18.9	14.6		27.8		11.4	2.1	.3	4,802	5,426
25-34 yr.....	17.9	16.3	25.4	12.1	10.5		21.6		19.5	9.9	1.0	6,362	7,130
35-44 yr.....	13.0	11.7	27.5	12.4	10.7		20.1		17.2	10.2	2.0	5,891	7,199
45-54 yr.....	11.7	10.4	27.7	13.7	10.7		20.0		15.3	10.4	2.2	5,613	7,092
55-64 yr.....	11.0	9.9	28.7	18.7	11.8		18.3		12.9	7.7	1.8	4,401	6,378
65-69 yr.....	4.8	4.7	17.6	34.7	18.2		18.2		6.9	3.3	1.0	3,837	5,330
70 and over.....	9.2	9.0	13.8	41.5	20.8		14.7		5.3	2.9	.8	3,724	5,031
White: 1970.....	68.8	45.3	46.5	21.6	15.9	8.9	3.9	2.5	.5	.2		2,266	3,185
1979.....	76.5	68.6	28.5	18.8	12.6	11.3	7.8	12.9	6.6	1.3		4,394	6,066
Black: 1970.....	8.0	5.8	48.9	26.7	13.7	6.3	2.6	1.8	.1			2,063	2,743
1979.....	9.8	8.3	23.9	26.0	13.4		19.0	11.1	6.1	.7		4,023	5,678

- Represents zero or rounds to zero. ¹ Includes persons with income deficit.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 129.

No. 743. MONEY INCOME OF UNRELATED INDIVIDUALS—PERCENT DISTRIBUTION BY MONEY INCOME LEVEL, BY RACE, IN CURRENT AND CONSTANT (1979) DOLLARS: 1950 TO 1979

[See headnote, table 725. Unrelated individuals—persons not living with any relatives; see text, pp. 3 and 418. See also *Historical Statistics, Colonial Times to 1970*, series G 24–30, G 186–188, G 193–195, and G 200–202]

INCOME LEVEL	WHITE							BLACK AND OTHER RACES						
	1950	1955	1960	1965	1970	1975	1979	1950	1955	1960	1965	1970	1975	1979
CURRENT DOLLARS														
Under \$2,000.....	66.1	60.7	52.1	46.2	32.6	12.5	6.6	79.1	76.1	66.5	56.4	46.3	24.5	13.7
\$2,000–\$4,999.....	31.2	32.6	33.0	30.2	32.1	36.7	25.6	20.0	22.6	27.5	29.9	30.4	37.9	33.0
\$5,000–\$7,999.....	2.0	5.4	11.9	15.9	17.9	19.4	18.6	.8	1.0	5.1	12.2	15.0	15.2	15.7
\$8,000–\$9,999.....		.6	1.7	4.0	7.3	9.4			1.1	.4	.9	5.6	7.3	8.4
\$10,000–\$12,499.....		.3	.7	1.6	4.7	8.4			—	.3	.3	1.7	7.1	9.0
\$12,500–\$14,999.....		.2	.3	.9	2.2	5.4			—	.1	.2	.5	3.7	5.1
\$15,000 and over.....	.4	.4	1.2	3.2	8.6	21.1			1.1	.1	2.5	4.3	15.1	
Median (dol.).....	1,115	1,400	1,860	2,245	3,283	5,099	7,835	817	935	1,068	1,637	2,243	3,392	5,579
CONSTANT (1979) DOLLARS														
Under \$2,000.....	36.0	31.6	26.5	21.4	12.6	7.9	6.6	46.2	43.7	41.2	30.3	22.3	14.9	13.7
\$2,000–\$4,999.....	25.0	26.9	26.4	27.9	30.7	29.4	25.6	27.8	30.0	26.1	29.6	33.6	38.2	33.0
\$5,000–\$7,999.....	18.8	17.4	15.0	14.3	16.1	19.0	18.6	16.6	17.6	15.3	15.1	16.1	15.0	15.7
\$8,000–\$9,999.....	8.0	7.9	8.7	8.0	7.8	9.1	9.4	4.6	4.5	5.0	6.9	7.1	7.2	8.4
\$10,000–\$12,499.....		7.7	10.7	8.7	8.5	9.7	11.6		3.0	7.2	7.8	7.5	7.9	9.0
\$12,500–\$14,999.....	12.3	3.5	5.0	6.5	6.9	7.0	6.9	5.0	.8	2.6	5.0	5.2	5.5	5.1
\$15,000 and over.....		5.0	7.8	13.4	17.3	18.0	21.1		4.4	2.5	5.2	8.1	11.3	15.1
Median (dol.).....	3,362	3,795	4,559	5,165	6,137	6,877	7,835	2,463	2,535	2,618	3,766	4,193	4,575	5,579

– Represents zero or rounds to zero.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P–60, No. 129.

No. 744. WEIGHTED AVERAGE POVERTY LEVELS BASED ON MONEY INCOME FOR NONFARM FAMILIES AND INDIVIDUALS, BY SIZE AND TYPE OF FAMILY: 1959 TO 1979

[In dollars. Families and unrelated individuals (see text, p. 4) are classified as being above or below the poverty level, using the poverty index developed at the Social Security Administration in 1964 and revised by a Federal Interagency Committee in 1969. Hhldr.=householder. For explanation of poverty level, see text, p. 418]

SIZE OF UNIT	1959			1970			1979		
	Total	Families with female hhldr., no husband present ¹	All other families ²	Total	Families with female hhldr., no husband present ¹	All other families ²	Total	Families with female hhldr., no husband present ¹	All other families ²
1 person (unrelated individual).....	1,467	1,428	1,529	1,954	1,898	2,044	3,689	3,556	3,855
Under 65 years.....	1,503	1,451	1,569	2,010	1,935	2,092	3,779	3,619	3,912
65 years and over.....	1,397	1,391	1,409	1,861	1,855	1,879	3,479	3,469	3,515
2 persons.....	1,894	1,843	1,904	2,525	2,471	2,534	4,725	4,689	4,737
Householder under 65 years.....	1,952	1,883	1,964	2,604	2,522	2,619	4,878	4,762	4,905
Householder 65 years and over.....	1,761	1,752	1,762	2,348	2,336	2,349	4,390	4,362	4,394
3 persons.....	2,324	2,235	2,335	3,099	3,003	3,113	5,784	5,625	5,820
4 persons.....	2,973	2,967	2,974	3,968	3,948	3,970	7,412	7,381	7,416
5 persons.....	3,506	3,483	3,507	4,680	4,639	4,684	8,775	8,691	8,785
6 persons.....	3,944	3,941	3,944	5,260	5,220	5,263	9,914	9,843	9,922
7 or more persons.....	4,849	4,763	4,856	6,468	6,317	6,486	12,280	12,036	12,322

¹ Includes female unrelated individuals. ² Includes male unrelated individuals.

No. 745. PERSONS BELOW POVERTY LEVEL, BY AGE, REGION, RACE, AND SPANISH ORIGIN: 1979

[Persons as of March 1980. Based on Current Population Survey; see headnote, table 725. For explanation of poverty level, see table 744, and text p. 418. For composition of regions, see fig. 1, inside front cover]

AGE AND REGION	NUMBER BELOW POVERTY LEVEL (1,000)				PERCENT BELOW POVERTY LEVEL			
	All races ¹	White	Black	Spanish origin ²	All races ¹	White	Black	Spanish origin ²
Total.....	25,345	16,823	7,838	2,863	11.6	8.9	30.9	21.6
Under 15 years.....	8,438	5,119	3,075	1,329	17.0	12.5	41.1	28.4
15 to 21 years.....	3,683	2,230	1,357	420	13.0	9.3	35.3	22.1
22 to 44 years.....	6,007	4,076	1,715	732	8.3	6.5	21.6	16.6
45 to 64 years.....	3,632	2,558	974	234	8.3	6.6	23.8	14.0
65 years and over.....	3,586	2,840	716	147	15.1	13.2	35.5	26.1
Northeast.....	5,029	3,615	1,337	750	10.4	8.4	27.6	31.1
North Central.....	5,594	3,930	1,567	182	9.7	7.6	29.6	16.5
South.....	10,627	6,078	4,419	964	15.0	10.6	33.9	23.8
West.....	4,095	3,200	514	966	10.0	8.9	23.6	17.1

¹ Includes races not shown separately. ² Persons of Spanish origin may be of any race.

Source of tables 744 and 745: U.S. Bureau of the Census, *Current Population Reports*, series P–60, No. 130, and earlier issues.

NO. 746. PERSONS BELOW POVERTY LEVEL AND BELOW 125 PERCENT OF POVERTY LEVEL: 1959 TO 1979

[For 1959–1968, data based on 1960 census of population controls; thereafter, on 1970 census controls. For definition of median, see Guide to Tabular Presentation. For explanation of poverty level, see table 744 and text, p. 418]

YEAR	PERSONS BELOW POVERTY LEVEL		PERSONS BELOW 125 PERCENT OF POVERTY LEVEL		AVERAGE INCOME CUTOFFS FOR NON-FARM FAMILY OF 4		Poverty level as a percent of median income for a 4-person family ¹	MEDIAN FAMILY INCOME OF ALL FAMILIES		Consumer price index (1972 = 100)
	Number (mil.)	Percent of total population	Number (mil.)	Percent of total population	At poverty level	At 125 percent of poverty level		Total	Index (1972 = 100)	
1959	39.5	22.4	54.9	31.1	\$2,973	\$3,716	(NA)	\$5,417	48.7	69.5
1960	39.9	22.2	54.6	30.4	3,022	3,778	(NA)	5,620	50.6	70.7
1965	33.2	17.3	46.2	24.1	3,223	4,029	40.6	6,957	62.6	75.4
1966	28.5	14.7	41.3	21.3	3,317	4,146	39.2	7,532	67.8	77.6
1968	25.4	12.8	35.9	18.2	3,553	4,441	35.7	8,632	77.7	83.1
1969	24.1	12.1	34.7	17.4	3,743	4,679	34.9	9,433	84.9	87.6
1970	25.4	12.6	35.6	17.6	3,968	4,960	35.2	9,867	88.8	92.8
1971	25.6	12.5	36.5	17.8	4,137	5,171	35.2	10,285	92.5	96.8
1972	24.5	11.9	34.7	16.8	4,275	5,344	33.1	11,116	100.0	100.0
1973	23.0	11.1	32.8	15.8	4,540	5,675	32.9	12,051	108.4	106.2
1974	24.3	11.6	34.6	16.5	5,038	6,298	34.0	12,836	115.5	117.8
1974 ²	23.4	11.2	33.7	16.1	5,038	6,298	33.5	12,902	116.1	117.8
1975 ²	25.9	12.3	37.2	17.6	5,500	6,875	34.5	13,719	123.4	128.7
1976 ²	25.0	11.8	35.5	16.7	5,815	7,269	33.6	14,958	134.6	136.1
1977 ²	24.7	11.6	35.7	16.7	6,191	7,739	33.1	16,009	144.0	144.9
1978 ²	24.5	11.4	34.2	15.8	6,662	8,328	32.6	17,640	158.7	155.9
1979 ²	25.3	11.6	35.6	16.3	7,412	9,265	32.8	19,661	176.9	173.5

NA Not available. ¹ For 1965–1974, base used is median income for nonfarm 4-person families. Beginning 1974 (revised), base used is median income for all 4-person families. ² Beginning 1974, not strictly comparable with earlier years due to revised procedures.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 28, and P-60, No. 130, and earlier issues.

NO. 747. PERSONS BELOW POVERTY LEVEL, BY RESIDENCE, RACE, AND FAMILY STATUS: 1975 AND 1979

[Persons as of March 1976 and 1980. For explanation of poverty level, see table 744 and text, p. 418. Refers to 243 metropolitan areas as defined in 1970 census publications; see Appendix II]

FAMILY STATUS AND RESIDENCE	PERSONS BELOW POVERTY LEVEL (1,000)						PERCENT BELOW POVERTY LEVEL					
	All races ¹		White		Black		All races ¹		White		Black	
	1975	1979	1975	1979	1975	1979	1975	1979	1975	1979	1975	1979
Metropolitan areas ²	15,348	15,732	10,014	9,706	4,967	5,561	10.8	10.7	8.2	7.8	27.6	28.3
In families	12,125	11,768	7,593	6,765	4,247	4,826	9.5	9.2	7.0	6.3	26.4	27.4
Householder	3,216	3,231	2,120	1,934	1,029	1,201	8.5	8.3	6.5	5.8	24.0	25.4
Related children ³	6,646	6,190	3,909	3,384	2,591	2,625	15.4	15.3	11.1	10.4	37.4	38.1
Other family members ⁴	2,263	2,347	1,564	1,448	627	801	4.8	4.8	3.8	3.4	12.9	15.1
Unrelated individuals	3,224	3,702	2,420	2,753	720	869	22.1	19.6	19.5	17.2	37.4	33.8
Inside central cities ²	9,090	9,500	4,874	4,772	4,033	4,419	15.0	15.7	10.8	10.7	29.1	31.1
In families	7,113	7,140	3,552	3,203	3,430	3,679	13.5	14.3	9.2	8.8	27.9	30.4
Householder	1,863	1,970	1,003	929	830	977	11.8	12.7	8.2	7.9	25.4	28.5
Related children ³	4,047	3,855	1,860	1,647	2,129	2,084	23.2	24.2	16.0	15.7	39.9	41.9
Other family members ⁴	1,203	1,315	688	628	471	618	6.2	7.1	4.6	4.4	12.8	16.6
Unrelated individuals	1,977	2,223	1,323	1,473	603	702	24.2	21.7	20.5	18.3	38.5	35.0
Outside central cities ²	6,259	6,232	5,139	4,934	934	1,142	7.6	7.2	6.7	6.2	22.5	21.1
In families	5,012	4,828	4,042	3,562	817	947	6.6	5.9	5.7	5.0	21.6	19.8
Householder	1,352	1,261	1,117	1,005	199	224	6.2	5.4	5.4	4.6	19.7	17.3
Related children ³	2,599	2,335	2,049	1,737	462	541	10.1	9.5	8.7	7.9	28.9	28.3
Other family members ⁴	1,060	1,033	875	819	156	183	3.8	3.4	3.3	2.9	13.2	11.6
Unrelated individuals	1,247	1,479	1,098	1,280	118	167	19.3	17.1	18.4	16.0	32.5	29.5
Nonmetropolitan areas ²	10,529	9,613	7,757	7,117	2,578	2,277	15.4	13.7	12.6	11.2	42.4	39.5
In families	8,664	7,626	6,205	5,448	2,287	1,987	13.8	12.0	11.0	9.5	40.8	38.1
Householder	2,234	2,089	1,718	1,581	484	466	12.1	10.8	10.1	8.9	37.1	35.4
Related children ³	4,236	3,548	2,838	2,375	1,293	1,070	19.6	17.3	15.0	13.3	52.9	48.7
Other family members ⁴	2,194	1,989	1,649	1,491	510	452	9.8	8.5	8.1	7.0	27.4	26.5
Unrelated individuals	1,865	1,898	1,551	1,598	291	274	33.2	28.5	30.5	26.3	61.3	51.7

¹ Includes races not shown separately. ² For 1979, includes members of unrelated subfamilies not shown separately. For 1975, unrelated subfamily members are included in the "in families" categories. ³ Under 18 years. ⁴ Includes spouses.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 106 and 130.

**NO. 748. PERSONS BELOW POVERTY LEVEL, AND BELOW 125 PERCENT OF POVERTY LEVEL, BY
FAMILY STATUS, RACE, AND SEX OF HOUSEHOLDER: 1959 TO 1979**

[Persons as of **March of following year**. For explanation of poverty level, see table 744 and text, p. 418]

FAMILY STATUS, RACE, AND SEX OF HOUSEHOLDER	1959	1966	1969	1975 ¹	1979 ¹	1959	1966	1969	1975 ¹	1979 ¹
	NUMBER BELOW POVERTY LEVEL (millions)					NUMBER BELOW 125 PERCENT OF POVERTY LEVEL (millions)				
All persons ²	39.5	28.5	24.1	25.9	25.3	54.9	41.3	34.7	37.2	35.6
In families.....	34.6	23.8	19.2	20.8	19.4	49.3	35.6	28.6	30.1	27.3
Householder.....	8.3	5.8	5.0	5.5	5.3	11.8	8.6	7.4	8.0	7.6
Related children under 18 yr.....	17.2	12.1	9.5	10.9	9.7	24.3	17.7	13.9	15.0	13.0
Children 5-17 yr.....	(NA)	8.6	7.1	8.0	(NA)	(NA)	(NA)	3.3	11.0	(NA)
Other family members.....	9.0	5.9	4.7	4.5	4.3	13.2	9.3	7.3	7.2	6.7
Unrelated individuals.....	4.9	4.7	5.0	5.1	5.6	5.6	5.7	6.1	7.1	7.9
White	28.5	19.3	16.7	17.8	16.8	41.8	29.5	24.5	26.6	24.6
In families.....	24.4	15.4	12.6	13.8	12.2	37.2	24.7	19.5	20.9	18.0
Householder.....	6.2	4.1	3.6	3.8	3.5	9.2	6.5	5.4	5.8	5.2
Related children under 18 yr.....	11.4	7.2	5.7	6.7	5.8	17.5	11.5	8.7	9.8	8.0
Other family members.....	6.9	4.1	3.4	3.2	2.9	10.5	6.8	5.4	5.3	4.7
Unrelated individuals.....	4.0	3.9	4.0	4.0	4.4	4.7	4.7	5.0	5.7	6.3
Black ³	11.0	8.9	7.1	7.5	7.8	13.1	11.2	9.5	9.8	10.1
In families.....	10.1	8.1	6.2	6.5	6.6	12.1	10.4	8.5	8.6	8.6
Householder.....	2.1	1.6	1.4	1.5	1.7	2.6	2.1	1.9	2.0	2.2
Related children under 18 yr.....	5.8	4.8	3.7	3.9	3.7	6.8	5.9	4.9	4.8	4.6
Other family members.....	2.2	1.7	1.2	1.1	1.3	2.7	2.3	1.8	1.7	1.8
Unrelated individuals.....	.9	.8	.9	1.0	1.1	1.0	.9	1.0	1.2	1.4
In families with female householder, no husband present ⁴	10.4	10.3	10.4	12.3	13.1	11.8	12.4	13.0	15.7	16.9
In families.....	7.0	6.9	6.9	8.8	9.1	8.0	8.3	8.6	10.9	11.3
Householder.....	1.9	1.7	1.8	2.4	2.6	2.2	2.1	2.3	3.1	3.2
Related children under 18 yr.....	4.1	4.3	4.2	5.6	5.5	4.6	4.9	5.2	6.7	6.6
Other family members.....	1.0	.9	.8	.8	1.1	1.2	1.3	1.1	1.2	1.5
Unrelated individuals.....	3.4	3.4	3.5	3.4	3.7	3.8	4.1	4.3	4.8	5.2
In all other families ⁵	29.1	18.3	13.7	13.6	12.2	43.1	28.9	21.7	21.4	18.7
In families.....	27.5	16.9	12.3	11.9	10.3	41.3	27.2	19.9	19.2	16.0
Householder.....	6.4	4.1	3.2	3.0	2.7	9.6	6.5	5.0	4.9	4.3
Related children under 18 yr.....	13.1	7.9	5.3	5.3	4.2	19.7	12.7	8.8	8.3	6.4
Other family members.....	8.1	5.0	3.9	3.6	3.3	12.1	8.0	6.1	6.0	5.2
Unrelated individuals.....	1.6	1.3	1.4	1.7	1.9	1.8	1.6	1.8	2.2	2.6
	PERCENT OF PERSONS BELOW POVERTY LEVEL					PERCENT OF PERSONS BELOW 125 PERCENT OF POVERTY LEVEL				
All persons ²	22.4	14.7	12.1	12.3	11.6	31.1	21.3	17.4	17.6	16.3
In families.....	20.8	13.1	10.4	10.9	10.1	29.7	19.6	15.4	15.8	14.3
Householder.....	18.5	11.8	9.7	9.7	9.1	26.2	17.6	14.3	14.2	13.0
Related children under 18 yr.....	26.9	17.4	13.8	16.8	16.0	37.9	25.3	20.2	23.1	21.3
Children 5-17 yr.....	(NA)	17.1	13.6	16.3	(NA)	(NA)	(NA)	6.3	22.4	(NA)
Other family members.....	15.9	9.5	7.2	6.4	6.0	23.3	14.9	11.3	10.3	9.4
Unrelated individuals.....	46.1	38.3	34.0	25.1	21.9	52.7	46.4	41.8	34.9	30.7
White	18.1	11.3	9.5	9.7	8.9	26.7	17.3	14.0	14.5	13.1
In families.....	16.5	9.7	7.8	8.3	7.4	25.2	15.5	12.0	12.6	10.9
Householder.....	15.2	9.3	7.7	7.7	6.8	22.6	14.6	11.7	11.7	10.2
Related children under 18 yr.....	20.6	12.1	9.7	12.5	11.4	31.6	19.2	14.9	18.1	15.9
Other family members.....	13.3	7.4	5.8	5.2	4.6	20.4	12.2	9.2	8.6	7.4
Unrelated individuals.....	44.1	36.1	32.1	22.7	19.7	50.8	44.4	40.0	32.5	28.6
Black ³	56.2	41.8	32.2	31.3	30.9	66.8	53.0	43.2	40.6	39.7
In families.....	56.0	40.9	30.9	30.1	29.9	67.0	52.4	42.2	39.5	38.8
Householder.....	50.4	35.5	27.9	27.1	27.6	61.0	45.9	37.9	36.1	35.9
Related children under 18 yr.....	66.7	50.6	39.6	41.4	40.7	78.0	62.8	52.7	51.2	50.8
Other family members.....	42.5	29.4	20.0	16.9	17.9	53.4	40.4	29.5	26.0	25.6
Unrelated individuals.....	57.4	54.4	46.7	42.1	36.8	64.0	61.6	53.9	51.1	45.0
In families with female householder, no husband present ⁴	50.2	41.0	38.4	34.6	31.9	57.1	49.6	47.8	44.4	41.2
In families.....	40.4	39.8	38.2	37.5	34.8	56.2	48.3	48.0	46.3	43.1
Householder.....	42.6	33.1	32.7	32.5	30.2	49.7	41.1	41.5	41.0	38.0
Related children under 18 yr.....	72.2	58.2	54.4	52.7	48.6	79.4	67.4	66.2	62.8	58.0
Other family members.....	24.0	18.6	17.5	15.0	16.4	29.8	26.6	25.0	21.8	23.4
Unrelated individuals.....	52.1	43.5	38.7	28.9	26.0	59.1	52.3	47.5	40.6	37.0
In all other families ⁵	18.7	10.8	8.0	7.8	6.9	27.7	17.1	12.6	12.2	10.6
In families.....	18.2	10.3	7.4	7.1	6.2	27.3	16.1	11.9	11.5	9.7
Householder.....	15.8	9.3	6.9	6.2	5.5	28.6	14.8	10.9	10.1	8.7
Related children under 18 yr.....	22.4	12.6	8.6	9.8	8.5	33.8	20.4	14.4	15.3	12.9
Other family members.....	15.3	8.7	6.4	5.7	5.0	22.8	13.9	10.2	9.3	8.0
Unrelated individuals.....	36.8	29.3	26.2	19.9	16.9	42.8	36.2	32.4	26.8	22.9

NA Not available. ¹ Beginning 1975, not strictly comparable with prior years due to revised procedures. ² Beginning 1966, includes races not shown separately. For 1979, includes members of unrelated subfamilies not shown separately. For earlier years unrelated subfamily members are included in the "In families" category. ³ For 1959, Black and other races. ⁴ For persons in families, sex of family householder; for unrelated individuals, sex of individual. ⁵ Includes male unrelated individuals.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 106 and 130, and unpublished data.

NO. 749. SELECTED CHARACTERISTICS OF PERSONS 65 YEARS OLD AND OVER BELOW POVERTY LEVEL: 1959 TO 1979

[For 1959, persons as of April 1960; thereafter, persons as of March of following year. See headnote, table 745]

CHARACTERISTIC	NUMBER BELOW POVERTY LEVEL (1,000)					PERCENT BELOW POVERTY LEVEL				
	1959	1970	1975 ¹	1978 ¹	1979 ¹	1959	1970	1975 ¹	1978 ¹	1979 ¹
Persons, 65 and over²	5,481	4,793	3,317	3,233	3,586	35.2	24.6	15.3	14.0	15.1
White.....	4,744	4,011	2,634	2,530	2,840	33.1	22.6	13.4	12.1	13.2
Black.....	711	735	652	662	716	62.5	47.7	36.3	33.9	35.5
Spanish origin ³	(NA)	(NA)	137	125	147	(NA)	(NA)	32.6	23.1	26.1
In families.....	3,187	2,013	1,191	1,180	1,341	26.9	14.8	8.0	7.6	8.3
Householder.....	1,787	1,188	728	712	797	29.1	16.5	8.9	8.4	9.1
Male.....	1,507	980	585	566	608	29.1	15.9	8.3	7.7	8.3
Female.....	280	209	143	146	189	28.8	20.1	12.7	12.2	13.0
Other members.....	1,400	825	463	468	544	24.6	13.0	7.0	6.6	7.5
Unrelated individuals.....	2,294	2,779	2,125	2,053	2,243	61.9	47.2	31.0	27.0	29.3
Male.....	703	549	410	350	421	59.0	38.9	27.8	20.7	25.3
Female.....	1,591	2,230	1,716	1,703	1,822	63.3	49.8	31.9	28.8	30.4
Persons, 60 and over	(NA)	5,977	4,373	4,197	4,632	(NA)	21.3	14.2	12.9	13.9

NA Not available. ¹Beginning 1975, not strictly comparable with earlier years due to revised procedures. ²For 1979, includes members of unrelated subfamilies not shown separately. For earlier years, unrelated subfamily members are included in the "In families" category. ³Persons of Spanish origin may be of any race.

NO. 750. PERSONS OF SPANISH ORIGIN AND MEXICAN OR PUERTO RICAN ORIGIN, BY POVERTY STATUS AND FAMILY STATUS: 1979

[In thousands, except as indicated. Persons as of March 1980. See headnote, table 745. For definition of mean, see Guide to Tabular Presentation.]

CHARACTERISTIC	SPANISH ORIGIN ¹			MEXICAN ORIGIN			PUERTO RICAN ORIGIN		
	Total	Below poverty level		Total	Below poverty level		Total	Below poverty level	
		Number	Percent		Number	Percent		Number	Percent
Total persons²	13,244	2,863	21.6	7,932	1,647	20.8	1,823	707	38.8
65 years and over.....	563	147	26.1	290	83	28.5	49	12	(B)
In families.....	12,202	2,555	20.9	7,324	1,465	20.0	1,687	664	39.4
Householder.....	3,100	610	19.7	1,785	323	18.1	461	175	37.3
Spouse of householder.....	2,205	283	12.8	1,318	181	13.7	239	43	17.8
Related children under 18 years.....	5,405	1,483	27.4	3,335	854	25.6	802	408	50.9
Related children under 6 years.....	1,984	581	29.3	1,261	339	26.9	290	158	54.5
Other family members.....	1,492	179	12.0	896	107	11.9	185	39	20.9
Mean size of family.....	3.94	4.19	(X)	4.11	4.54	(X)	3.66	3.80	(X)
Mean family income (dollars).....	17,168	4,685	(X)	17,195	5,032	(X)	13,040	4,435	(X)
Unrelated individuals.....	957	273	28.6	547	154	28.1	133	39	29.7
Mean income (dollars).....	7,808	1,863	(X)	7,487	1,781	(X)	7,169	2,223	(X)

B Base less than minimum required for reliability. X Not applicable. ¹Comprises Mexican, Puerto Rican, and "other Spanish," not shown separately. ²Includes members of unrelated subfamilies not shown separately.

NO. 751. FAMILIES BELOW POVERTY LEVELS, BY RACE AND SPANISH ORIGIN: 1959 TO 1979

[Families as of March of the following year]

YEAR	NUMBER BELOW POVERTY LEVEL (1,000)				PERCENT BELOW POVERTY LEVEL			
	All races	White	Black	Spanish origin	All races	White	Black	Spanish origin
1959.....	8,320	6,185	1,880	(NA)	18.5	15.2	48.1	(NA)
1960.....	8,243	6,115	(NA)	(NA)	18.1	14.9	(NA)	(NA)
1966.....	5,784	4,106	1,620	(NA)	11.8	9.3	35.5	(NA)
1969.....	5,008	3,575	1,366	416	9.7	7.7	27.9	20.4
1970.....	5,260	3,708	1,481	(NA)	10.1	8.0	29.5	(NA)
1971.....	5,303	3,751	1,484	(NA)	10.0	7.9	28.8	(NA)
1972.....	5,075	3,441	1,529	(NA)	9.3	7.1	29.0	(NA)
1973.....	4,828	3,219	1,527	468	8.8	6.6	28.1	19.6
1974.....	4,922	3,352	1,479	526	8.8	6.8	26.9	21.2
1975.....	5,450	3,838	1,513	627	9.7	7.7	27.1	25.1
1976.....	5,311	3,560	1,617	598	9.4	7.1	27.9	23.1
1977.....	5,311	3,540	1,637	591	9.3	7.0	28.2	21.4
1978.....	5,280	3,523	1,622	559	9.1	6.9	27.5	20.4
1979.....	5,320	3,515	1,666	610	9.1	6.8	27.6	19.7

NA Not available.

Source of tables 749-751: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 130.

No. 752. PERSONS AND FAMILIES BELOW POVERTY LEVEL—STATES: 1969 AND 1975

[Number in thousands. Persons and families as of April 1970 and spring 1976. For explanation of poverty level, see table 744 and text, p. 418. For 1969, excludes unrelated individuals under 14 years of age and persons in specified types of group quarters, i.e. inmates of institutions, persons in Armed Forces living in barracks, and college students living in dormitories. For 1975, same as 1969, except college students living away from home are included at their family's home. Poverty criteria computed on a national basis only and not adjusted for regional, State, or other local variations in cost of living. 1975 data from the 1976 Survey of Income and Education (SIE); based on a sample of 151,000 interviewed households; subject to sampling variability; see Appendix III. For details, see sources]

REGION AND STATE	NUMBER BELOW POVERTY LEVEL						PERCENT BELOW POVERTY LEVEL					
	Persons		Families		Children, 5-17 yr.		Persons		Families		Children, 5-17 yr.	
	1969	1975	1969	1975	1969	1975	1969	1975	1969	1975	1969	1975
U.S.	27,125	23,991	5,462	5,051	7,700	7,132	13.7	11.4	10.7	9.0	14.8	14.5
Northeast	4,821	4,338	936	1,921	1,247	1,330	10.1	8.9	7.6	17.2	10.5	12.0
Maine.....	131	126	26	26	36	39	13.6	12.0	10.3	19.3	14.2	15.3
New Hampshire.....	65	65	12	13	14	20	9.1	7.9	6.7	5.9	7.7	10.3
Vermont.....	52	63	10	13	13	20	12.1	13.5	9.1	10.8	11.4	17.8
Massachusetts.....	473	408	87	190	117	124	8.6	7.1	6.2	6.1	8.4	9.3
Rhode Island.....	100	80	20	17	24	22	11.0	8.7	8.5	6.9	11.0	10.5
Connecticut.....	212	204	41	146	55	59	7.2	6.7	5.3	5.6	7.2	8.4
New York.....	1,986	1,671	391	1,357	526	524	11.1	9.4	8.5	7.6	12.2	13.1
New Jersey.....	574	586	113	133	156	194	8.1	8.1	6.1	6.9	8.7	11.6
Pennsylvania.....	1,228	1,133	237	1,227	305	329	10.6	9.7	7.9	17.4	10.6	12.6
North Central	5,952	5,336	1,171	1,109	1,539	1,577	10.8	9.4	8.3	7.4	10.4	11.6
Ohio.....	1,041	1,997	205	1,208	274	294	10.0	19.4	7.6	17.3	9.8	11.6
Indiana.....	493	424	98	85	123	120	9.7	8.1	7.4	6.0	9.0	9.6
Illinois.....	1,112	1,150	214	1,238	302	388	10.2	10.5	7.7	18.3	10.7	15.1
Michigan.....	819	1,821	160	183	220	252	9.4	19.1	7.3	17.6	9.1	11.3
Wisconsin.....	421	352	80	69	104	106	9.8	7.7	7.4	5.8	8.7	9.4
Minnesota.....	398	324	76	63	99	87	10.7	8.3	8.2	6.4	9.5	9.1
Iowa.....	319	225	64	44	72	53	11.6	7.9	8.9	5.8	9.8	7.9
Missouri.....	672	565	139	121	173	157	14.7	12.0	11.5	9.5	14.8	14.7
North Dakota.....	93	66	18	13	27	18	15.7	10.6	12.4	8.0	15.7	11.5
South Dakota.....	120	88	24	19	34	22	18.7	13.1	14.8	10.6	18.3	13.1
Nebraska.....	188	147	38	29	46	36	13.1	9.6	10.1	7.1	12.0	10.1
Kansas.....	275	178	56	38	65	43	12.7	8.0	9.7	6.1	11.5	8.6
South	12,388	10,406	2,581	2,202	3,816	3,098	20.3	15.3	16.2	12.1	23.5	19.6
Delaware.....	58	47	11	10	17	14	10.9	8.2	8.2	6.6	12.0	10.4
Maryland.....	387	313	75	166	117	104	10.1	7.7	7.7	6.2	11.5	10.7
District of Columbia.....	123	86	21	18	37	23	17.0	12.5	12.7	11.4	23.2	15.7
Virginia.....	691	513	143	110	214	156	15.5	10.5	12.3	8.3	18.2	13.7
West Virginia.....	380	270	82	57	106	76	22.2	15.1	18.0	11.5	24.3	18.9
North Carolina.....	996	788	211	182	313	221	20.3	14.7	16.3	12.1	24.0	17.8
South Carolina.....	595	478	119	94	207	166	23.9	17.2	19.0	12.9	29.1	23.9
Georgia.....	924	1,893	192	1,188	294	255	20.7	18.0	16.7	14.6	24.4	21.3
Florida.....	1,088	1,225	229	1,259	300	383	16.4	14.4	12.7	11.0	18.9	21.6
Kentucky.....	718	596	159	136	208	170	22.9	17.7	19.2	14.9	25.1	21.4
Tennessee.....	836	660	186	146	245	196	21.8	15.8	18.2	12.6	24.8	20.5
Alabama.....	857	587	181	125	272	136	25.4	16.4	20.7	12.9	29.5	15.9
Mississippi.....	767	607	154	122	262	194	35.4	26.1	28.9	20.4	41.5	32.6
Arkansas.....	523	392	115	82	155	106	27.8	18.5	22.8	14.1	31.6	21.4
Louisiana.....	933	720	188	141	309	220	26.3	19.3	21.5	15.0	30.1	22.9
Oklahoma.....	465	370	102	83	123	87	18.8	13.8	15.0	11.1	19.5	14.6
Texas.....	2,047	1,870	413	1,381	637	592	18.8	15.2	14.6	11.7	21.5	20.5
West	3,965	3,912	774	1,818	1,098	1,126	11.7	10.4	8.9	8.2	12.4	12.9
Montana.....	92	186	18	17	25	23	13.6	11.5	10.4	8.9	12.9	12.5
Idaho.....	92	185	20	18	24	23	13.2	10.3	10.9	8.2	12.0	11.0
Wyoming.....	38	33	8	7	10	8	11.7	8.7	9.3	7.0	11.2	8.6
Colorado.....	263	1,230	50	42	71	64	12.3	9.1	9.1	6.3	12.3	10.7
New Mexico.....	227	1,223	45	146	81	78	22.8	19.3	18.5	15.5	26.3	26.0
Arizona.....	264	314	50	64	84	92	15.3	13.8	11.5	10.8	17.5	16.8
Utah.....	118	103	23	121	31	25	11.4	8.5	9.1	7.0	10.0	8.0
Nevada.....	43	53	9	11	16	9	11.6	9.1	8.8	7.0	17.0	8.8
Washington.....	336	1,299	65	161	80	81	10.2	8.5	7.6	6.6	9.3	10.0
Oregon.....	235	204	46	141	54	43	11.5	8.9	8.6	6.7	10.3	8.4
California.....	2,153	1,212	421	1,472	596	648	11.1	10.4	8.4	18.5	12.1	13.8
Alaska.....	35	23	6	4	12	6	12.6	6.7	9.3	5.2	14.6	6.4
Hawaii.....	69	167	13	113	19	20	9.3	7.9	7.6	6.4	9.7	9.6

¹ Change from the 1969 data is not statistically significant at the 95 percent confidence level (2 standard errors); for a discussion of confidence levels, see Appendix III.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1970*, vol. I; and 1975, *Current Population Reports*, series P-60, Nos. 110-113.

NO. 753. FAMILIES BELOW POVERTY LEVEL—SELECTED CHARACTERISTICS, BY RACE AND SPANISH ORIGIN: 1979

[Numbers in thousands, except as indicated. Families as of March 1980. For explanation of poverty, see text, p. 418]

CHARACTERISTIC	NUMBER BELOW POVERTY LEVEL				PERCENT BELOW POVERTY LEVEL			
	All races	White	Black	Spanish origin	All races	White	Black	Spanish origin
Total	5,320	3,515	1,666	610	9.1	6.8	27.6	19.7
Northeast.....	1,084	762	283	184	8.4	6.8	24.4	30.4
North Central.....	1,167	814	339	37	7.5	5.7	27.1	15.4
South.....	2,249	1,297	922	194	11.6	8.0	30.0	20.7
West.....	621	622	123	195	7.7	6.5	22.1	14.8
In metropolitan areas.....	3,231	1,934	1,201	499	8.3	5.8	25.4	19.3
In central cities.....	1,970	929	977	356	12.7	7.9	28.5	23.8
Outside central cities.....	1,261	1,005	224	144	5.4	4.6	17.3	13.2
Outside metropolitan areas.....	2,089	1,581	466	111	10.8	8.9	35.4	21.6
Age of householder:								
15 to 24 years.....	697	425	257	96	18.7	13.4	50.0	30.0
25 to 44 years.....	2,539	1,646	819	361	9.8	7.3	27.7	20.8
45 to 54 years.....	726	460	237	76	6.8	4.9	22.9	14.2
55 to 64 years.....	561	397	149	36	6.0	4.7	20.0	12.2
65 years and over.....	797	587	205	40	9.1	7.4	25.9	19.0
Median age.....	39.5	40.5	37.7	35.0	(x)	(x)	(x)	(x)
Size of family:								
2 persons.....	1,808	1,318	457	130	7.9	6.3	24.3	17.4
3 persons.....	1,072	689	357	128	8.0	5.9	24.4	17.6
4 persons.....	1,037	697	320	133	8.5	6.5	25.7	19.0
5 persons.....	654	426	204	86	11.1	8.4	31.5	18.8
6 persons.....	338	179	146	56	13.9	9.1	37.5	22.8
7 persons or more.....	409	205	182	77	24.2	17.4	43.4	34.1
Mean size.....	3.65	3.47	3.96	4.19	(x)	(x)	(x)	(x)
Mean number of children per family with children.....	2.45	2.33	2.65	2.73	(x)	(x)	(x)	(x)
Educational attainment of householder: ¹								
Elementary: Less than 8 years.....	1,152	736	370	240	23.0	19.2	35.5	28.4
8 years.....	574	425	143	54	12.8	10.6	34.5	21.7
High school: 1 to 3 years.....	1,080	636	421	91	13.8	9.9	33.9	21.6
4 years.....	1,244	863	349	91	6.6	5.1	19.9	12.9
College: 1 year or more.....	574	429	127	38	3.1	2.5	11.8	6.8

X Not applicable. ¹ Householder 25 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 129.

NO. 754. WORK EXPERIENCE OF FAMILY HOUSEHOLDERS BELOW THE POVERTY LEVEL, BY SEX AND RACE: 1975 AND 1979

[In thousands, except percent. Families as of March of the following year. For 1975, includes householder 14 years and over; for 1979, householders 15 years and over. See headnote, table 744]

WORK EXPERIENCE	1975						1979					
	Female householder, no husband present			All other families			Female householder, no husband present			All other families		
	All races ¹	White	Black	All races ¹	White	Black	All races ¹	White	Black	All races ¹	White	Black
Total ²	2,430	1,394	1,004	3,020	2,444	509	2,575	1,328	1,195	2,745	2,187	471
Worked.....	887	518	362	1,857	1,533	272	1,023	532	465	1,567	1,296	225
Full-time, ³ percent.....	15.2	14.5	16.6	39.4	40.3	34.9	16.0	12.0	20.4	45.1	46.3	40.0
Did not work ⁴	1,543	876	641	1,133	884	236	1,552	795	730	1,154	871	243
Ill or disabled.....	309	150	157	565	430	133	329	123	202	530	386	136
Keeping house.....	1,053	647	387	26	19	7	1,017	599	398	69	44	22
In school.....	43	13	30	30	13	12	52	13	38	31	19	6
Unable to find work.....	99	41	55	117	92	22	100	34	66	61	46	12

¹ Includes races not shown separately. ² Includes householders in Armed Forces not shown separately. ³ Year-round.

⁴ Includes "other" not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 106 and 129.

NO. 755. FAMILIES AND UNRELATED INDIVIDUALS BELOW POVERTY LEVEL, AND AGGREGATE INCOME DEFICIT (1979 DOLLARS), BY SEX AND RACE OF HEAD: 1959 TO 1979

[As of March of following year. Beginning 1975, data not strictly comparable with earlier years, due to revised procedures. Income deficit defined as the difference between the total income of families and unrelated individuals below poverty level and their respective poverty thresholds. In computing the income deficit, families reporting a net income loss are assigned zero dollars; for such cases, the deficit is equal to the poverty level. For explanation of poverty level, see table 744 and text, p. 418]

SEX AND RACE OF FAMILY HOUSEHOLDER AND UNRELATED INDIVIDUALS	BELOW POVERTY LEVEL						AGGREGATE INCOME DEFICIT (1979 dollars)					
	1959	1966	1969	1975	1977	1979	1959	1966	1969	1975	1977	1979
	MILLIONS						BILLION DOLLARS					
Total ^{1 2}	13.2	10.5	10.0	10.5	10.5	10.9	34.0	22.6	20.3	21.7	21.3	22.7
White.....	10.2	8.0	7.6	7.8	7.6	7.9	24.4	15.7	14.5	15.2	14.6	15.4
Black.....	2.7	2.4	2.2	2.5	2.7	2.8	(NA)	6.6	5.5	6.0	6.1	6.6
Families ¹	8.3	5.8	5.0	5.5	5.3	5.3	24.4	15.2	12.7	14.3	13.8	14.4
White.....	6.2	4.1	3.6	3.8	3.5	3.5	16.6	9.9	8.4	9.5	9.0	9.1
Black.....	1.9	1.6	1.4	1.5	1.6	1.7	(NA)	5.2	4.0	4.5	4.5	4.8
	PERCENT						PERCENT					
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Families.....	62.8	55.2	50.2	51.7	50.5	48.7	71.8	67.3	62.4	66.0	65.1	63.2
Families with female householder ³	14.5	16.4	18.3	23.1	24.8	23.6	19.4	23.0	26.1	31.0	32.9	32.2
All other families.....	48.3	38.8	31.9	28.7	25.7	25.1	52.3	44.2	36.4	34.9	32.2	31.0
Unrelated individuals.....	37.2	44.8	49.8	48.3	49.5	51.3	28.2	32.7	37.6	34.0	34.9	36.8
White.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Families.....	60.5	51.5	47.0	49.1	46.6	44.7	68.1	62.6	58.3	62.7	61.4	59.2
Families with female householder ³	12.1	13.0	14.0	17.8	18.4	16.9	16.7	18.1	19.7	23.3	24.0	23.3
All other families.....	48.4	38.5	32.9	31.3	28.2	27.8	51.5	44.5	38.6	39.3	37.4	36.0
Unrelated individuals.....	39.5	48.5	53.0	50.9	53.4	55.3	31.9	37.4	41.7	37.3	38.6	40.8
Black.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Families.....	69.5	67.6	61.6	59.9	60.7	59.3	(NA)	78.8	73.8	74.8	74.0	72.0
Families with female householder ³	20.6	28.1	33.3	39.8	43.1	42.5	(NA)	35.3	43.4	51.9	55.1	54.4
All other families.....	48.9	39.5	28.4	20.2	17.6	16.8	(NA)	43.5	30.4	22.9	18.8	17.6
Unrelated individuals.....	30.5	32.4	38.4	40.1	39.3	40.7	(NA)	21.2	26.2	25.2	26.0	28.0

NA Not available.
present.

¹ Includes races not shown separately.

² Includes families and unrelated individuals.

³ No husband present.

NO. 756. FAMILIES AND UNRELATED INDIVIDUALS, BY TYPE OF INCOME AND POVERTY STATUS: 1979

[Families as of March 1980. Based on Current Population Survey; see text, p. 1. Hhldr.=householder. For explanation of poverty level, see table 744 and text, p. 416. For limitations of data, see source]

TYPE OF INCOME	FAMILIES						UNRELATED INDIVIDUALS					
	Total			Female hhldr., no husband present		Hhldr. 65 yr. old and over		Total			65 yr. old and over	
	All races ¹	White	Black	White	Black	White	Black	All races ¹	White	Black	White	Black
ALL INCOME LEVELS												
Total ² (mil.).....	58.4	51.4	6.0	6.0	2.4	7.9	.8	25.6	22.6	3.1	6.9	.7
Percent of total: ³												
With income.....	99.8	99.8	99.7	99.0	99.5	99.8	99.9	98.2	98.6	96.5	99.5	98.8
With earnings ⁴	87.3	87.8	82.4	80.2	71.1	43.9	56.5	65.0	65.1	64.4	14.6	18.4
With transfer income.....	34.7	33.0	49.5	50.8	65.5	92.6	94.2	43.2	43.6	42.4	94.2	91.8
Social security ⁵	23.0	23.0	23.8	34.1	23.7	92.8	89.0	32.3	33.7	24.9	92.0	81.3
SSI.....	2.7	2.0	8.5	5.5	12.4	5.6	27.1	5.3	4.4	11.1	9.8	30.7
Public assistance.....	5.7	3.7	22.0	18.0	44.2	1.5	11.8	2.1	1.6	6.2	1.6	4.0
Other income ⁶	16.1	16.2	15.7	14.2	10.8	10.2	12.0	10.8	10.8	11.1	7.5	8.2
With all other income ⁷	74.0	77.7	43.0	66.2	31.1	81.6	42.0	65.5	69.2	39.8	75.2	37.4
BELOW POVERTY LEVEL												
Total ² (mil.).....	5.3	3.5	1.7	1.3	1.2	.6	.2	5.6	4.4	1.1	1.8	.4
Percent of total: ³												
With income.....	97.7	97.4	98.7	95.7	98.9	96.9	99.5	91.8	92.7	90.5	98.1	97.9
With earnings ⁴	58.8	61.0	54.2	48.4	51.9	17.9	28.8	35.0	35.9	31.1	4.8	10.5
With transfer income.....	63.6	58.0	76.4	68.1	81.2	91.0	96.5	58.3	57.6	63.7	93.9	92.8
Social security ⁵	24.4	24.9	24.5	16.0	19.2	84.2	83.9	43.6	45.5	39.2	95.5	76.7
SSI.....	29.6	8.3	14.5	5.6	12.9	26.4	48.3	16.0	14.1	24.1	23.1	41.3
Public assistance.....	62.1	27.9	52.0	52.4	65.1	6.0	21.5	6.4	5.2	10.9	3.8	4.4
Other income ⁶	10.7	11.6	9.3	7.4	7.1	5.8	4.4	8.2	8.0	9.1	6.3	21.8
With all other income ⁷	31.7	37.1	19.7	34.7	18.7	36.7	22.3	39.5	44.5	21.4	45.8	25.1

¹ Includes races not shown separately. ² Includes families and unrelated individuals with no income, not shown separately. ³ Some families and unrelated individuals may have more than one type of income. ⁴ Includes wages, salaries, and self-employment income. ⁵ Includes railroad retirement income. ⁶ Includes unemployment and workers' compensation, and veterans' payments. ⁷ Includes income from private and government employee pensions, annuities, dividends, interest, rent, estates, trusts, alimony, child support, regular contributions from outside the household, etc.

Source of tables 755 and 756: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 130.

NO. 757. APPALACHIA—POPULATION, UNEMPLOYMENT, 1970 AND 1980, AND PER CAPITA PERSONAL INCOME, 1970 AND 1979

["Appalachia" refers to a region delineated in The Appalachian Regional Development Act of 1965, as amended, containing 397 counties in 13 States. See text, pp. 417 and 418, for explanation of differences between personal income and money income]

AREA	POPULATION ¹			UNEMPLOYED		PER CAPITA PERSONAL INCOME ²				
	1970, April, total (1,000)	1980, April, total (1,000)	Percent change, 1970- 1980	1980, total (1,000)	Percent of labor force		Total		Percent of U.S.	
					1970	1980	1970	1979	1970	1979
United States.....	203,302	226,505	11.4	7,448	4.9	7.1	\$3,893	\$8,757	100	100
Appalachian States.....	76,090	80,854	6.3	2,705	4.6	7.4	3,781	8,248	97	94
Appalachian region.....	18,217	20,234	11.1	734	5.4	8.4	3,161	7,333	81	84
Appalachian portion of—										
Alabama.....	2,137	2,427	13.6	97	6.2	9.3	2,995	7,260	77	83
Georgia.....	814	1,104	35.6	35	3.8	7.0	2,884	6,696	74	76
Kentucky.....	877	1,077	22.9	41	7.5	9.8	2,229	5,931	57	68
Maryland.....	209	220	5.2	10	6.2	10.0	3,267	7,197	84	82
Mississippi.....	419	483	15.3	17	5.1	8.3	2,410	5,931	62	68
New York.....	1,057	1,083	2.5	35	5.1	7.2	3,547	7,155	91	82
North Carolina.....	1,039	1,218	17.2	36	4.5	6.4	3,111	7,248	80	83
Ohio.....	1,130	1,263	11.7	51	6.5	9.6	3,083	7,103	79	81
Pennsylvania.....	5,931	5,995	1.1	232	5.3	8.8	3,549	8,094	91	92
South Carolina.....	656	792	20.6	22	3.7	6.2	3,214	7,506	83	86
Tennessee.....	1,735	2,074	19.6	68	5.2	7.9	2,906	6,857	75	78
Virginia.....	470	550	16.9	17	³ 5.1	7.2	2,603	6,755	67	77
West Virginia ⁴	1,744	1,950	11.8	72	6.1	9.4	3,038	7,402	78	85
Non-Appalachian portions.....	57,873	60,620	4.7	1,971	4.4	7.1	3,976	8,548	102	98

¹ Revised 1970 census data from U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 868; current State estimates by county from series P-25 and P-26. ² Data from U.S. Bureau of Economic Analysis. ³ Estimated. ⁴ Entire State lies within the Appalachian region.

Source: Appalachian Regional Commission. Based on population data from U.S. Bureau of the Census, labor force data from U.S. Bureau of Labor Statistics and individual State reporting agencies, and income data from U.S. Bureau of Economic Analysis.

NO. 758. APPALACHIA—PER CAPITA MONEY INCOME, 1969 AND 1977, FAMILY INCOME AND PERSONS NEAR-POVERTY LEVEL, 1969, AND PERSONS BELOW POVERTY LEVEL, 1975

[See headnote, table 757. For definition of poverty level, see table 744 and text, p. 418. For definition of median, see Guide to Tabular Presentation]

AREA	PER CAPITA MONEY INCOME ¹				FAMILY INCOME, 1969 ¹		NEAR-POVERTY ² LEVEL, 1969		POVERTY LEVEL, 1975	
	Total		Percent of U.S.		Median money income	Percent of U.S.	Persons below (1,000)	Percent of 1970 population	Persons below (1,000)	Percent of 1976 population
	1969	1977	1969	1977						
United States.....	\$3,119	\$5,751	100.0	100.0	\$9,586	100.0	36,902	18.6	24,934	11.8
Appalachian States.....	3,000	5,455	96.2	94.9	9,205	96.0	15,270	20.6	9,974	13
Appalachian region.....	2,505	4,830	80.3	84.0	7,941	82.8	4,379	24.6	2,774	15
Appalachian portion of—										
Alabama.....	2,430	4,932	77.9	85.8	7,544	78.7	610	29.1	367	16.5
Georgia.....	2,419	4,732	77.6	82.3	7,777	81.1	190	23.6	148	15
Kentucky.....	1,732	3,670	55.5	63.8	5,055	52.7	408	47.4	279	29
Maryland.....	2,599	4,806	83.3	83.6	8,212	85.7	45	21.9	27	13
Mississippi.....	1,861	3,939	59.7	68.5	5,806	60.6	172	41.9	113	25.5
New York.....	2,845	4,679	91.2	81.4	9,310	97.1	172	16.9	101	9.5
North Carolina.....	2,437	4,832	78.1	84.0	7,466	77.9	261	25.7	177	16
Ohio.....	2,443	4,632	78.3	80.6	8,191	85.4	246	22.3	157	13.5
Pennsylvania.....	2,790	5,230	89.5	90.9	8,821	92.0	972	16.8	605	10
South Carolina.....	2,571	5,092	82.4	88.6	8,229	85.8	145	22.6	90	12.5
Tennessee.....	2,340	4,599	75.0	80.0	7,056	73.7	506	29.7	336	18
Virginia.....	2,050	4,259	65.7	74.1	6,536	68.2	152	32.7	90	18
West Virginia ³	2,333	4,451	74.8	84.4	7,414	77.3	501	29.3	284	16
Non-Appalachian portions.....	3,156	5,659	101.2	98.4	9,703	101.2	10,891	19.3	7,200	12

¹ Data compiled from county data, U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 882, 883, and 885. ² 125 percent of poverty level. ³ Entire State lies within the Appalachian region.

Source: Appalachian Regional Commission, *Appalachia—A Reference Book, Supplement to Second Edition*, 1981.

NO. 759. PERSONAL WEALTH—PERCENT SHARE OF TOP ONE PERCENT: 1922 TO 1972

[Persons 21 years old and over. Data differ from those in table 760 because the latter relate to all persons]

YEAR	Percent	YEAR	Percent	YEAR	Percent
1922.....	31.6	1949.....	20.8	1962.....	22.0
1929.....	36.3	1953.....	24.3	1965.....	23.4
1933.....	28.3	1954.....	24.0	1969.....	20.1
1939.....	30.6	1956.....	26.0	1972.....	20.7
1945.....	23.3	1958.....	23.8		

Source: 1922-1956, Robert J. Lampman, *The Share of Top Wealth-Holders in National Wealth*, National Bureau of Economic Research, 1962; 1958, James D. Smith and Staunton K. Calvert, "Estimating the Wealth of Top Wealth-Holders from Estate Tax Returns," *Proceedings of the American Statistical Association*, Philadelphia, Pa., 1965 (copyright); 1962-1972, James D. Smith, unpublished estimates, The Urban Institute, Washington, D.C., and The Pennsylvania State University (copyright).

NO. 760. PERSONAL WEALTH—VALUE OF ASSETS HELD BY ALL PERSONS, TOP ONE-HALF PERCENT, AND TOP ONE PERCENT: 1958 TO 1972

[In billions of dollars, except as indicated. Wealth of all persons derived from national balance sheets. Wealth of top one-half percent and one percent of all persons estimated by estate multiplier technique. Detailed descriptions of methodology and attendant problems can be found in sources cited for table 759]

ASSET	1958					1962				
	Value of gross personal assets held by—			Percent held by—		Value of gross personal assets held by—			Percent held by—	
	All persons	Top ½ percent of all	Top 1 percent of all	Top ½ percent of all	Top 1 percent of all	All persons	Top ½ percent of all	Top 1 percent of all	Top ½ percent of all	Top 1 percent of all
Total assets	1,625.1	332.0	414.4	20.4	25.5	2,093.9	432.4	548.3	20.7	26.2
Real estate ¹	621.5	62.5	93.9	10.1	15.1	770.0	79.6	117.8	10.3	15.3
Corporate stock ²	264.1	175.9	199.2	66.6	75.4	426.4	227.3	264.4	53.3	62.0
Bonds.....	87.0	31.3	36.0	36.0	41.4	94.5	33.2	38.4	35.1	40.6
Cash ³	216.0	22.5	32.8	10.4	15.2	278.3	28.9	42.5	10.4	15.3
Debt instruments ⁴	43.7	12.5	16.3	28.6	37.3	51.5	16.5	21.8	32.0	42.3
Life insurance ⁵	79.9	7.5	11.3	9.4	14.1	93.8	7.1	10.7	7.6	11.4
Trusts ⁶	30.3	25.8	27.9	85.1	92.1	46.1	(NA)	(NA)	(NA)	(NA)
Miscellaneous.....	312.9	19.8	24.9	6.3	7.9	379.4	39.8	52.7	10.5	13.9
Liabilities ⁷	227.4	29.2	38.3	12.9	16.8	314.0	47.8	61.0	15.2	19.4
Net worth	1,396.7	302.8	376.1	21.7	26.9	1,779.9	384.6	487.3	21.6	27.4
Number of persons (mil.).....	(x)	.87	1.74	(x)	(x)	(x)	.93	1.87	(x)	(x)
ASSET	1969					1972				
	Value of gross personal assets held by—			Percent held by—		Value of gross personal assets held by—			Percent held by—	
	All persons	Top ½ percent of all	Top 1 percent of all	Top ½ percent of all	Top 1 percent of all	All persons	Top ½ percent of all	Top 1 percent of all	Top ½ percent of all	Top 1 percent of all
Total assets	3,484.1	672.4	848.8	19.3	24.4	4,344.4	822.4	1,046.9	18.9	24.1
Real estate ¹	1,188.8	117.0	170.7	9.8	14.4	1,492.6	150.9	225.0	10.1	15.1
Corporate stock ²	832.1	366.3	423.3	44.0	50.8	870.9	429.3	491.7	49.3	56.5
Bonds.....	133.9	63.7	71.5	47.6	53.4	158.0	82.5	94.8	52.2	60.0
Cash ³	496.9	48.1	71.2	9.7	14.3	748.8	63.0	101.2	8.5	13.5
Debt instruments ⁴	72.4	21.9	29.6	30.2	40.9	77.5	30.3	40.8	39.1	52.7
Life insurance ⁵	127.2	8.4	13.8	6.6	10.8	143.0	6.2	10.0	4.3	7.0
Trusts ⁶	69.9	60.0	64.5	85.8	92.3	99.4	80.3	89.4	80.8	89.9
Miscellaneous.....	632.8	47.0	68.7	7.4	10.9	853.6	59.5	83.3	6.8	9.8
Liabilities ⁷	557.5	75.8	100.5	13.6	18.0	808.5	100.7	131.0	12.5	16.2
Net worth	2,926.6	596.7	748.1	20.4	25.6	3,535.9	721.7	915.9	20.4	25.9
Number of persons (mil.).....	(x)	1.01	2.03	(x)	(x)	(x)	1.04	2.09	(x)	(x)

NA Not available. X Not applicable. ¹ Market value without deduction of mortgages, liens, or other incumbrances. Beginning 1962, includes foreign real estate. ² Includes all common and preferred issues, shares in domestic or foreign firms, certificates and shares of building and loan and savings and loan associations, Federal land bank stock, accrued dividends, and other instruments representing equity interest in an enterprise. Stock held in trust is included, but value is understated. ³ Includes checking and savings balances, currency on hand or in safe deposit boxes, cash balances with stock brokers, and postal savings accounts. Cash in trust is included, but understated. ⁴ Includes notes and mortgages, security credit, and similar assets. ⁵ Cash surrender value; i.e., the amount individuals could expect to receive were they to surrender their policies to the carriers. It takes account of policy loans, accrued dividends, and unearned premiums. ⁶ Includes all assets owned in trust except real estate. Trust classification figures should not be used to arrive at total assets because these data are included in individual asset types. ⁷ Includes all legal obligations except loans on life insurance policies.

Source: James D. Smith and Stephen D. Franklin, "The Concentration of Personal Wealth, 1922-1969," *The American Economic Review*, Volume LXIV, Number 2, May 1974 (copyright), and U.S. Congress, House Committee on the Budget, *Data on Distribution of Wealth in the United States*.

NO. 761. PERSONAL WEALTH—TOP WEALTHHOLDERS, BY CHARACTERISTICS AND BY SIZE OF GROSS ESTATE, AND ASSET COMPOSITION: 1953 TO 1972

[Estimates based on Federal estate tax returns showing gross assets of \$60,000 or more, filed with Internal Revenue Service. Comparability of data is affected by revisions in estimating techniques]

ITEM	TOTAL					PERCENT DISTRIBUTION				
	1953	1958	1962	1969	1972	1953	1958	1962	1969	1972
NUMBER	TOP WEALTHHOLDERS (1,000)					TOP WEALTHHOLDERS				
Total	1,979	3,009	4,132	9,013	12,815	100.0	100.0	100.0	100.0	100.0
Male ¹	1,330	1,936	2,539	5,643	7,810	67.2	64.3	61.4	62.6	60.9
Under 50 years.....	491	741	988	2,557	3,976	24.8	24.6	23.9	28.4	31.0
50-69 years.....	648	923	1,173	2,329	2,810	32.7	30.7	28.4	25.8	21.9
70 years and over.....	151	232	332	666	762	7.6	7.7	8.0	7.4	5.8
Female ¹	648	1,073	1,594	3,370	5,006	32.7	35.7	38.6	37.4	39.1
Under 50 years.....	197	299	471	932	1,951	10.0	9.9	11.4	10.3	15.2
50-69 years.....	306	530	758	1,630	2,001	15.5	17.6	18.3	18.1	15.6
70 years and over.....	120	209	324	728	875	6.1	6.8	7.8	8.1	6.8
SIZE OF GROSS ESTATE										
\$60,000-\$99,999.....	(NA)	1,193	1,593	3,341	4,938	(NA)	39.6	38.6	37.1	38.5
\$100,000-\$199,999.....	(NA)	1,178	1,627	5,214	5,175	(NA)	39.2	39.4	57.8	40.4
\$200,000-\$499,999.....	(NA)	488	692			(NA)	16.2	16.7		16.1
\$500,000-\$999,999.....	(NA)	102	149	311	425	(NA)	3.4	3.6	3.4	3.3
\$1,000,000-\$9,999,999.....	(NA)	45	69	143		(NA)	1.5	1.7	1.6	
\$10,000,000 or more.....	(NA)	2	2	4	218	(NA)	.1	(2)	(2)	1.7
TYPE OF ASSET										
	ASSET COMPOSITION (bil. dol.)					ASSET COMPOSITION				
Total assets	356	542	752	1,581	2,152	100.0	100.0	100.0	100.0	100.0
Real estate.....	82	133	188	428	645	23.0	24.5	25.0	27.1	30.0
Bonds.....	36	36	48	85	124	9.9	6.6	6.4	5.4	5.8
Corporate stock.....	141	231	326	551	629	39.6	42.8	43.3	34.9	29.2
Cash ²	34	46	71	190	278	9.5	8.5	9.4	12.0	12.9
Notes and mortgages.....	13	21	30	59	86	3.5	3.8	4.0	3.8	4.0
Insurance equity.....	7	11	16	31	42	2.0	2.0	2.1	2.0	2.0
Other.....	44	66	74	236	346	12.4	12.1	9.8	14.9	16.1
Debts	32	50	83	204	301	8.9	9.2	11.0	12.9	14.0
Net worth (less deficit)	324	492	669	1,377	1,852	91.1	90.8	89.0	87.1	86.1

NA Not available. Z Less than .05 percent.

¹ Includes persons of unknown age.

² Includes checking and savings accounts, savings certificates, etc.

NO. 762. PERSONAL WEALTH—NUMBER OF TOP WEALTHHOLDERS, BY SEX, MARITAL STATUS, AND AGE, AND BY SIZE OF NET WORTH: 1962 AND 1972

[In thousands. See headnote, table 761]

NET-WORTH CLASS	MALE					FEMALE				
	Married	Single ¹	Widowed	Under 50 years ²	65 yr. and over	Married	Single ¹	Widowed	Under 50 years ²	65 yr. and over
1962, total	2,121	258	159	1,034	576	761	283	550	512	509
Under \$100,000 ³	1,276	155	86	783	245	396	159	261	286	237
\$100,000-\$199,999.....	532	62	46	174	203	228	78	182	137	167
\$200,000-\$499,999.....	235	30	21	73	95	92	34	80	60	76
\$500,000-\$999,999.....	52	7	4	16	22	30	8	17	23	18
\$1,000,000 or more.....	26	4	2	8	11	15	3	11	7	10
1972, total	6,303	985	521	4,238	1,258	2,269	946	1,791	2,129	1,300
Under \$100,000 ³	4,254	688	301	3,401	502	1,338	517	949	1,416	570
\$100,000-\$199,999.....	1,495	209	159	611	542	682	307	584	488	531
\$250,000-\$499,999.....	361	62	41	162	131	150	68	166	126	131
\$500,000-\$999,999.....	121	17	12	40	51	65	34	56	61	43
\$1,000,000 or more.....	71	11	7	24	31	34	20	36	39	25

¹ Includes divorced persons. ² Includes persons of unknown age. ³ Includes returns with negative net worth.

Source of tables 761 and 762: U.S. Internal Revenue Service, *Statistics of Income, 1962 and 1972, Supplemental Report, Personal Wealth*.

NO. 763. PERSONAL WEALTH—NUMBER AND ASSETS OF TOP WEALTHHOLDERS BY STATES: 1972

[See headnote, table 761. Totals derived from adding State data differ slightly from national totals shown here because of the sample weighting procedures used]

STATE	Total wealth-holders (1,000)	TOTAL ASSETS			STATE OR OTHER AREA	Total wealth-holders (1,000)	TOTAL ASSETS		
		Total (bil. dol.)	Percent				Total (bil. dol.)	Percent	
			Cor-porate stock	Real es-tate				Cor-porate stock	Real es-tate
Total	12,815.2	2,151.9	29.2	30.0					
Ala.....	123.5	21.3	27.2	34.4	Mo.....	205.1	40.6	32.5	26.2
Alaska.....	8.8	1.5	22.4	47.4	Mont.....	77.3	11.1	18.5	38.6
Ariz.....	87.6	17.6	32.9	27.5	Nebr.....	184.5	24.3	10.0	43.5
Ark.....	54.9	9.6	22.3	32.3	Nev.....	17.2	4.5	26.7	38.9
Calif.....	1,237.6	242.4	29.6	29.9	N.H.....	40.7	7.7	32.0	24.5
Colo.....	176.6	25.4	26.2	31.1	N.J.....	597.9	100.6	34.5	27.9
Conn.....	266.6	57.8	37.9	23.6	N. Mex.....	50.7	7.6	36.4	30.6
Del.....	42.5	7.3	17.8	31.8	N.Y.....	1,581.7	236.6	34.0	24.4
D.C.....	(1)	(1)	(1)	(1)	N.C.....	244.5	37.7	28.4	37.8
Fla.....	572.4	131.0	34.6	26.1	N. Dak.....	89.5	10.0	7.0	52.4
Ga.....	219.1	44.1	24.4	36.8	Ohio.....	667.1	115.1	35.5	24.0
Hawaii.....	53.7	7.9	23.6	40.4	Okla.....	147.6	20.4	20.9	41.2
					Oreg.....	95.4	17.0	26.4	30.3
					Pa.....	560.9	92.6	36.5	24.5
Idaho.....	67.6	7.5	22.3	35.7	R.I.....	46.2	8.7	28.3	30.0
Ill.....	834.2	132.2	24.9	31.1	S.C.....	113.6	17.1	19.8	46.9
Ind.....	350.2	45.3	23.2	33.9	S. Dak.....	42.8	6.2	15.2	34.5
Iowa.....	326.8	36.7	14.8	42.7	Tenn.....	205.3	29.4	27.4	32.2
Kans.....	183.1	31.3	25.4	35.4	Tex.....	563.2	119.4	24.8	38.8
Ky.....	135.7	24.6	26.5	27.2	Utah.....	28.4	4.7	21.3	35.0
La.....	125.9	23.0	32.2	32.8	Vt.....	26.7	3.0	30.3	27.0
Maine.....	76.7	12.0	31.1	25.0	Va.....	242.2	40.7	29.7	34.4
Md.....	200.7	43.6	33.0	28.5	Wash.....	187.5	27.0	28.5	28.4
Mass.....	344.0	32.3	27.8	22.7	W. Va.....	52.2	7.9	33.8	25.0
Mich.....	382.3	65.3	28.6	29.6	Wis.....	392.0	49.2	27.8	27.4
Minn.....	350.1	40.9	19.6	32.3	Wyo.....	15.6	4.5	23.9	37.0
Miss.....	93.7	14.1	19.7	40.1	Other areas.....	20.7	3.7	28.3	21.1

¹ District of Columbia included with Maryland.

Source: U.S. Internal Revenue Service, *Statistics of Income, 1972, Supplemental Report, Personal Wealth*.

NO. 764. NET STOCK OF FIXED REPRODUCIBLE TANGIBLE WEALTH IN CURRENT AND CONSTANT (1972) DOLLARS: 1929 TO 1980

[In billions of dollars, except percent. As of Dec. 31. See headnotes, tables 924 and 1371]

TYPE OF WEALTH	1929	1935	1945	1950	1955	1960	1965	1970	1975	1979	1980
CURRENT DOLLARS											
Net stock, total.....	259	207	458	723	1,020	1,287	1,625	2,539	4,367	6,904	7,796
Business.....	184	137	230	451	624	789	988	1,542	2,724	4,456	5,028
Percent of total.....	70.9	66.0	50.2	62.3	61.2	61.3	60.8	60.7	62.4	64.5	64.5
Equipment.....	30	20	37	97	139	181	227	369	650	1,008	1,170
Nonresidential structures.....	58	42	59	108	151	188	261	438	789	1,224	1,391
Residential structures.....	97	74	195	245	334	408	501	735	1,283	2,224	2,468
Government.....	37	44	179	169	244	306	404	629	1,058	1,573	1,773
Equipment:											
Military.....	1	1	77	29	50	54	64	76	102	142	162
Other.....	1	2	13	9	17	21	25	40	64	103	114
Nonresidential structures.....	35	41	86	126	170	221	302	493	856	1,273	1,436
Residential structures.....	(2)	(2)	3	5	7	10	13	20	36	55	61
Households, consumer durables.....	38	26	49	104	152	192	233	368	585	874	995
CONSTANT (1972) DOLLARS											
Net stock, total.....	926	872	1,170	1,233	1,545	1,816	2,203	2,715	3,220	3,618	3,686
Business.....	693	620	588	772	946	1,122	1,356	1,857	1,972	2,221	2,270
Equipment.....	98	72	90	165	206	228	277	380	480	578	598
Nonresidential structures.....	244	216	176	210	254	314	386	480	553	597	611
Residential structures.....	350	392	323	397	486	580	693	797	939	1,046	1,061
Government.....	141	174	504	328	412	477	578	685	761	799	807
Equipment:											
Military.....	4	3	226	57	77	41	43	40	38	36	35
Other.....	5	6	31	15	27	61	70	81	91	104	107
Nonresidential structures.....	132	165	239	248	298	361	447	543	606	634	640
Residential structures.....	(2)	(2)	8	8	10	14	18	21	26	25	25
Households, consumer durables.....	92	78	77	134	187	217	268	373	488	598	609

Z Less than \$500 million.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, March 1981, and unpublished data.

Figure 15.1

Producer Price Indexes, by Stage of Processing: 1967 to 1981

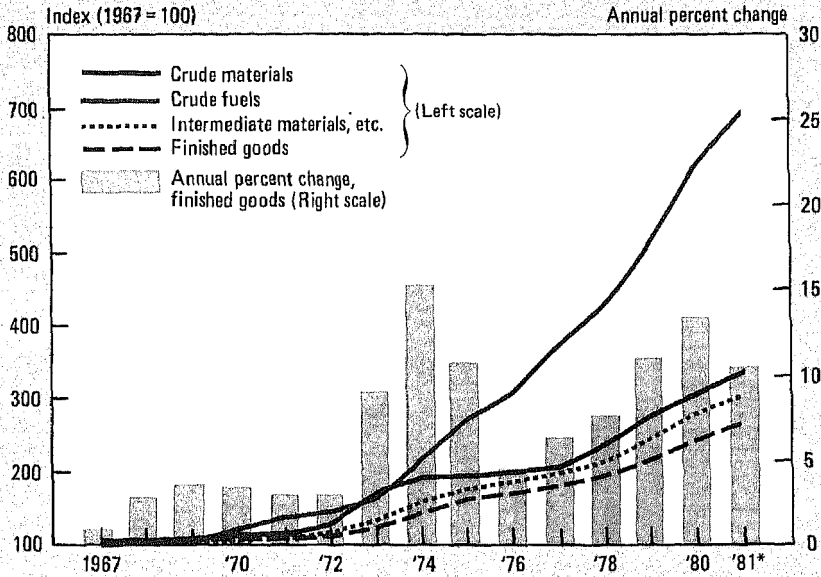
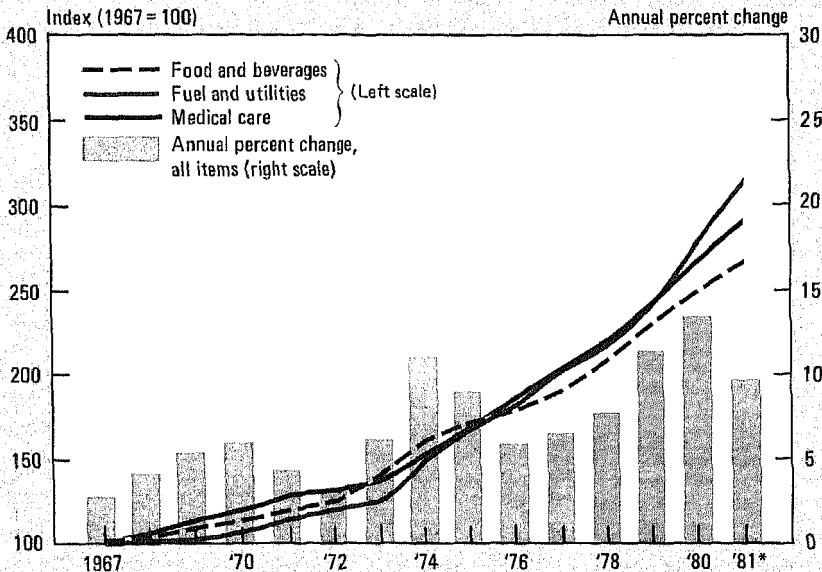


Figure 15.2

Consumer Price Indexes: 1967 to 1981





Section 15 Prices

This section presents indexes of producer and consumer prices, actual prices for selected commodities, and budgets for urban families and retired couples. The primary sources of these data are monthly publications of the Department of Labor, Bureau of Labor Statistics, which include: *Monthly Labor Review*; *Consumer Price Index, Detailed Report*; *Consumer Prices: Energy and Food and Producer Prices and Price Indexes*. The Bureau of Economic Analysis of the Department of Commerce is the source for the gross national product (GNP) implicit price deflator figures; see table 769. The Department of Agriculture's Economic Research Service (ERS) produces indexes of prices received and prices paid by farmers; see section 24. The single year 1967 was the standard reference base period for most general-purpose index numbers prepared by Federal agencies; however, this standard reference base period is being changed to the year 1977 in early 1982.

The Bureau of Labor Statistics (BLS) prepares monthly indexes of producer prices for a large selection of commodities, and monthly indexes of consumer prices for both commodities and services.

Producer price index.—Formerly known as the wholesale price index, this index, dating from 1890, is the oldest continuous statistical series published by the BLS. It is designed to measure average changes in prices of all commodities, at all stages of processing, produced or imported for sale in primary markets in the U.S.

The index has undergone several revisions (see *Monthly Labor Review*, February 1962). It is now based on approximately 3,000 commodity price series instead of the approximately 1,900 included in the 1947–1960 period and the 900 included for the period prior to 1947. Prices used in constructing the index are collected from sellers, if possible, and generally apply to the first significant large-volume commercial transaction for each commodity—i.e., the manufacturer's or other producer's selling price, the importer's selling price, or the selling price on an organized exchange or at a central market.

The weights used in the index represent the total net selling value of commodities produced or processed in this country, or imported. Values are f.o.b. production point and are exclusive of excise taxes, interplant transfers, military products, and goods sold directly at retail from producing establishments. Beginning in January 1976, the weights are values of net shipments of commodities as derived from the industrial censuses of 1972 and other data. For January 1967–December 1975, weights were based on 1963 shipment values.

Implicit price deflators.—Several measures of the change in prices paid by U.S. consumers are available. Each of them is constructed differently and behaves differently. Three such measures are: the implicit price deflator for personal consumption expenditures (PCE) and the chain price index for PCE, prepared by Bureau of Economic Analysis (BEA), and the Consumer Price Index, prepared by BLS.

Many of the differences are traceable to the fact that the population groups covered by the BEA measures are "persons" as defined in the national income and product accounts, i.e., mainly individuals and nonprofit institutions and individuals serving them. The CPI covers all urban consumers. Weights also differ in each of the three measures. In terms of relative importance, approximately 70 percent of the expenditure components used in constructing the BEA and the CPI are comparable. CPI measures are also used in constructing most of the BEA measures for noncomparable PCE components. All together, almost 95 percent of the weight of the price indexes used in the construction of the BEA measures is taken from the CPI. See U.S. Bureau of Economic Analysis, *Survey of Current Business*, March 1978 for a detailed reconciliation.

Consumer price indexes (CPI).—The CPI is a measure of the average change in prices over time in a fixed market basket of goods and services purchased by urban wage earners and clerical workers and by all urban consumers.

In 1919, BLS began to publish complete indexes at semiannual intervals, using a weighting structure based on data collected in the expenditure survey of wage-earner and clerical-worker families in 1917-19 (BLS Bulletin 357, 1924). The first major revision of the CPI occurred in 1940, with subsequent revisions in 1953, 1964, and 1978.

The current revision, initially issued with release of the January 1978 data, is based on updated "market baskets" of goods and services and revised expenditure weights derived from a 1972-1973 Consumer Expenditure Survey.

Effective with the January 1978 index, BLS began publishing CPI's for two population groups: (1) a new CPI for All Urban Consumers (CPI-U) which covers approximately 80 percent of the total noninstitutional civilian population; and (2) a revised CPI for Urban Wage Earners and Clerical Workers (CPI-W) which represents about half the population covered by CPI-U. The CPI-U includes in addition to wage earners and clerical workers, groups which historically have been excluded from CPI coverage, such as professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, and retirees and others not in the labor force.

The CPI is based on prices of food, clothing, shelter, and fuels, transportation fares, charges for doctors' and dentists' services, drugs, and other goods and services purchased for day-to-day living. Prices are collected in 85 areas across the country from over 18,000 tenants, 18,000 housing units for property taxes, and about 24,000 establishments. Area selection was based on the 1970 census. All taxes directly associated with the purchase and use of items are included in the index. Prices of food, fuels, and a few other items are obtained every month in all 85 locations. Prices of most other commodities and services are collected monthly in the five largest geographic areas and every other month in other areas.

In calculating the index, each item is assigned a weight to account for its relative importance in consumers' budgets. Price changes for the various items in each location are then averaged. Local data are then combined to obtain a U.S. city average. Separate indexes are also published for 28 local areas, usually consisting of the Standard Metropolitan Statistical Area (SMSA); see text, page 2. Area definitions are those established by the Office of Management and Budget in 1973. Definitions do not include revisions made since 1973. Area indexes do not measure differences in the level of prices among cities, they only measure the average change in prices for each area since the base period. For further detail regarding the CPI, see *Consumer Price Index; Concepts and Content Over the Years*, BLS report number 517.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to the producer price index and the CPI, see Appendix III.

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

NO. 765. PURCHASING POWER OF THE DOLLAR: 1940 TO 1981

[1967=\$1.00. Producer prices prior to 1961, and consumer prices prior to 1964, exclude Alaska and Hawaii. For 1940 and 1945, producer prices based on all commodities index; subsequent years based on finished goods index. Obtained by dividing the average price index for the 1967 base period (100.0) by the price index for a given period and expressing the result in dollars and cents. Annual figures are based on average of monthly data]

YEAR	ANNUAL AVERAGE AS MEASURED BY—		YEAR	ANNUAL AVERAGE AS MEASURED BY—		YEAR	ANNUAL AVERAGE AS MEASURED BY—	
	Producer prices	Consumer prices		Producer prices	Consumer prices		Producer prices	Consumer prices
1940.....	\$2.469	\$2.381	1958.....	\$1.073	\$1.155	1970.....	\$.907	\$.860
1945.....	1.832	1.855	1959.....	1.075	1.145	1971.....	.880	.824
1948.....	1.252	1.387	1960.....	1.087	1.127	1972.....	.853	.799
1949.....	1.289	1.401	1961.....	1.087	1.116	1973.....	.782	.752
1950.....	1.266	1.387	1962.....	1.064	1.104	1974.....	.678	.678
1951.....	1.156	1.285	1963.....	1.067	1.091	1975.....	.612	.621
1952.....	1.163	1.258	1964.....	1.063	1.076	1976.....	.586	.587
1953.....	1.175	1.248	1965.....	1.045	1.058	1977.....	.550	.551
1954.....	1.172	1.242	1966.....	1.012	1.029	1978.....	.510	.512
1955.....	1.170	1.247	1967.....	1.000	1.000	1979.....	.459	.461
1956.....	1.138	1.229	1968.....	.972	.960	1980.....	.405	.406
1957.....	1.098	1.186	1969.....	.938	.911	1981, May.....	.372	.372

Source: U.S. Bureau of Labor Statistics. Monthly data in U.S. Bureau of Economic Analysis, *Survey of Current Business*.

NO. 766. ANNUAL PERCENT CHANGE IN SUMMARY PRICE INDEXES: 1970 TO 1981

[Change based on annual averages of monthly or quarterly indexes]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
All items, CPI ¹	5.9	4.3	3.3	6.2	11.0	9.1	5.8	6.5	7.7	11.3	13.5	² 9.8
Finished goods, PPI ¹	3.5	3.1	3.1	9.1	15.3	10.8	4.2	6.0	7.8	10.9	13.5	² 10.5
GNP ³ price deflators	5.4	5.0	4.2	5.7	8.7	9.3	5.2	5.8	7.3	8.5	9.0	⁴ 8.9
PCE ³ price deflators	4.6	4.3	3.7	5.7	10.0	7.7	5.1	6.0	6.9	8.9	10.2	⁴ 8.2

¹ CPI=Consumer price index; PPI=Producer price index; see text pp. 457 and 458.² Change from May 1980-May 1981.³ GNP=Gross national product; PCE=Personal consumption expenditures; see table 769.

Source: See source for table 769.

⁴ Change from 2d qtr. 1980-2d qtr. 1981.

NO. 767. ANNUAL PERCENT CHANGE IN SELECTED PRICE INDEXES: 1960 TO 1981

[Yearly averages. Minus sign (-) denotes decrease. GNP=Gross national product; see text, p. 417]

YEAR OR PERIOD	CONSUMER PRICES						PRODUCER PRICES					GNP DEFLATOR ²		
	All Items	Food	Fuel oil and coal ¹	Elec- tricity	Rent	Services	Finished goods		Inter- medi- ate goods	Crude goods		Total	Dom- estic business	Non- farm business
							Total	Con- sumer foods		Total	Fuel			
1960 ^a	1.6	1.0	-7	1.3	1.4	3.3	.8	2.2	-	-2.4	1.0	1.6	1.4	1.5
1965 ^a	1.7	2.2	2.0	-5	1.0	2.2	1.7	3.8	1.4	5.1	.8	2.1	1.9	1.6
1967	2.9	.9	3.1	.9	1.8	4.4	1.2	-1.6	.8	-5.4	3.8	3.0	2.8	3.2
1968	4.2	3.6	3.1	.9	2.4	5.2	2.9	3.7	2.3	1.6	2.3	4.4	3.8	3.8
1969	5.4	5.1	2.4	1.9	3.2	6.9	3.6	6.1	3.4	6.7	4.0	5.1	4.7	4.7
1970	5.9	5.5	4.3	3.3	4.2	8.1	3.5	3.2	3.9	3.6	14.9	5.4	4.5	4.7
1971	4.3	3.0	6.7	6.6	4.6	5.6	3.1	1.6	3.8	2.5	13.4	5.0	4.4	4.5
1972	3.3	4.3	.9	5.0	3.5	3.8	3.1	5.6	4.0	10.9	7.0	4.2	3.5	3.0
1973	6.2	14.5	14.8	5.0	4.3	4.4	9.1	20.3	10.9	36.4	10.6	5.7	5.4	3.8
1974	11.0	14.4	57.8	18.1	5.1	9.3	15.3	14.0	23.8	12.7	33.4	8.7	9.1	9.7
1975	9.1	8.5	9.6	13.2	5.1	9.5	10.8	8.4	10.5	.4	23.7	9.3	9.4	9.8
1976	5.8	3.1	6.6	6.3	5.4	8.3	4.4	-3	5.1	2.9	12.4	5.2	4.9	5.0
1977	6.5	6.3	13.0	6.6	6.1	7.7	6.5	5.3	6.6	3.2	21.9	5.8	5.6	5.9
1978	7.7	10.0	5.3	7.4	6.8	8.5	7.8	9.1	7.0	12.0	14.7	7.3	7.4	7.0
1979	11.3	10.9	35.1	7.7	7.3	11.0	11.1	9.2	12.8	17.0	18.9	8.5	8.7	8.5
1980	13.5	8.6	37.9	15.7	8.9	15.4	13.5	5.9	15.3	11.0	21.2	9.0	9.1	9.6
1981 ^a	9.8	8.8	23.3	13.6	9.0	11.3	10.5	8.7	10.7	15.2	19.2	8.9	8.8	8.7
1960-1965 ^a	1.3	1.4	1.2	-1	1.1	2.0	.4	.7	.2	.5	.2	1.6	1.2	1.2
1965-1970 ^a	4.2	4.0	3.1	1.4	2.6	5.7	2.9	3.5	2.6	2.5	5.6	4.2	3.8	3.8
1970-1975 ^a	6.7	8.8	16.4	9.5	4.5	6.5	8.2	9.8	10.4	11.9	17.2	6.6	6.3	6.2
1975-1980 ^a	8.9	7.7	18.8	8.7	6.9	10.2	8.6	5.8	9.3	9.1	17.8	7.2	7.1	7.2

- Represents zero.

¹ Includes bottled gas.² Source: See source for table 769.³ Base year for percent change is 1959.⁴ Base year for percent change is 1964.⁵ Change from May 1980-May 1981, except GNP deflator, 2d qtr. 1980 to 2d qtr. 1981.⁶ Average annual percent change. For explanation of average annual percent change, see Guide to Tabular Presentation.Source of tables 766 and 767: Except as noted, U.S. Bureau of Labor Statistics, *Monthly Labor Review*.

NO. 768. ANNUAL PERCENT CHANGE IN WAGE RATES, COSTS, PRODUCTIVITY, AND FEDERAL BUDGET: 1970 TO 1981

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Wage rates, private nonfarm:												
Average hourly earnings	6.3	6.8	7.2	6.5	7.6	6.8	7.3	8.0	8.4	8.3	8.1	³ 8.9
Adjusted hourly earnings index	6.6	6.7	6.6	6.4	9.1	7.5	7.3	7.4	8.3	8.0	9.2	³ 8.8
Employment cost index:												
Union	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	8.1	7.7	7.9	8.4	10.9	(NA)
Nonunion	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	6.8	6.9	8.0	7.3	8.6	(NA)
Private nonfarm business:												
Compensation per hour	7.0	6.6	6.7	7.6	9.4	9.6	8.1	7.6	8.5	9.7	9.9	³ 10.0
Productivity	.3	3.3	3.7	2.5	-2.4	2.1	3.2	2.0	-2	-7	-3	³ 2.1
Unit labor costs	6.6	3.1	2.8	4.9	12.1	7.4	4.7	5.5	8.7	10.4	10.3	³ 7.8
Federal government budget: ¹												
Receipts	3.2	-2.8	10.8	11.3	14.1	6.1	6.8	19.3	12.4	15.9	11.6	⁴ 15.4
Outlays	6.5	7.5	9.7	6.5	9.1	21.0	12.4	9.9	11.9	9.5	17.4	⁴ 13.0
Gross debt	4.2	7.0	6.8	7.1	3.8	11.9	16.1	12.2	10.1	6.8	9.7	⁴ 8.6

NA Not available.

¹ Change from June 1980-June 1981.² Change from 2d qtr. 1980 to 2d qtr. 1981.³ Fiscal year

data; see table 416.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.⁴ Estimate. Based on March revised budget estimates; see table 416, footnote 7, for explanation.Source: Except as noted, U.S. Bureau of Labor Statistics, *Monthly Labor Review*, and *Employment and Earnings*, monthly.

NO. 769. GROSS NATIONAL PRODUCT IMPLICIT PRICE DEFLATORS: 1960 TO 1980

[1972=100. See *Historical Statistics, Colonial Times to 1970*, series E 1-22, for data based on 1958=100. Minus sign (-) denotes decrease]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Gross national product	68.7	74.4	91.5	105.7	114.9	125.6	132.1	139.8	150.1	162.8	177.4
Business nonfarm.....	72.6	77.1	92.9	103.8	113.9	125.2	131.5	139.2	148.9	161.5	177.0
Farm.....	69.1	73.5	82.9	107.8	150.2	145.3	142.9	144.4	176.3	200.8	193.1
Government.....	49.5	60.0	85.1	107.6	113.9	124.0	133.0	141.8	150.9	161.3	173.5
Personal consumption expenditures.....	71.9	77.2	92.5	105.7	116.3	125.2	131.6	139.5	149.1	162.3	178.9
Durable.....	83.8	86.8	95.7	101.7	108.2	117.3	123.9	129.2	136.2	144.8	156.0
Motor vehicles and parts.....	80.7	86.2	94.9	101.1	107.2	117.6	126.6	134.0	143.5	154.6	167.1
Nondurable ¹	72.6	77.3	93.6	108.3	123.1	132.1	137.0	143.4	153.2	169.8	188.5
Food.....	70.1	75.6	92.6	112.0	126.9	136.1	140.0	146.0	160.2	176.6	190.5
Gasoline and oil.....	84.5	87.5	97.9	108.4	147.7	157.7	164.3	174.0	181.6	243.4	339.4
Fuel oil and coal.....	76.2	80.8	93.6	114.8	182.4	197.4	212.0	239.7	252.5	340.6	471.3
Services ¹	67.9	74.2	90.5	104.7	113.0	121.8	129.6	139.9	150.1	162.1	178.1
Housing.....	75.1	80.3	92.1	104.8	110.6	116.8	123.4	131.4	140.9	151.9	165.6
Transportation.....	63.3	68.9	87.2	101.3	107.4	112.0	125.5	141.7	150.8	161.2	184.3
Gross private fixed investment ²	72.1	74.0	91.1	105.5	116.7	131.9	139.2	149.7	163.7	179.1	194.2
Nonresidential.....	72.5	74.7	91.3	103.8	115.4	132.2	138.6	146.2	157.7	171.3	186.5
Structures.....	63.7	68.4	88.2	107.7	128.2	144.8	149.0	159.4	176.4	198.6	226.7
Producers' durable equipment.....	79.4	80.6	93.2	101.8	109.3	126.2	133.9	140.9	150.1	159.7	170.1
Residential.....	71.4	72.3	90.5	109.1	120.3	131.0	140.7	158.0	178.3	200.5	216.5
Exports.....	75.2	79.4	93.2	112.7	134.7	148.5	155.2	161.9	172.4	191.5	211.0
Imports.....	76.1	77.7	88.6	116.7	164.6	179.5	185.5	205.4	214.0	245.4	289.9
Government purchases ³	58.0	66.0	87.7	106.7	116.4	127.5	135.7	144.8	155.7	168.1	184.4
Federal.....	59.4	67.1	86.6	106.3	114.9	126.0	133.5	142.9	153.7	165.1	183.8
State and local.....	56.5	64.9	88.6	106.9	117.4	128.3	137.0	146.0	156.9	169.8	184.7
ANNUAL PERCENT CHANGE ⁴											
Gross national product	1.6	2.2	5.4	4.9	8.7	9.3	5.2	5.8	7.3	8.5	9.0
Personal consumption expenditure.....	1.8	1.7	4.6	4.6	10.0	7.7	5.1	6.0	6.9	8.9	10.2
Goods (durable).....	-	-3	2.6	2.1	6.4	8.4	5.6	4.3	5.4	6.3	7.7
Services.....	2.9	2.1	5.2	5.0	7.9	7.6	6.6	7.9	7.3	8.0	9.9
Gross private fixed investment ²	.4	1.5	4.7	5.0	10.6	13.0	5.5	7.5	9.4	9.4	8.4
Nonresidential.....	.4	1.2	5.3	4.4	11.2	14.6	4.8	5.5	7.9	8.6	9.0
Residential.....	.4	1.5	3.2	6.4	10.3	8.9	7.4	12.3	12.8	12.5	9.0
Exports.....	2.3	2.8	5.3	6.5	19.5	11.1	3.7	4.3	6.5	11.1	10.2
Imports.....	1.2	1.2	6.5	9.6	44.0	9.1	3.3	10.7	4.2	14.7	18.1
Government purchases ³	1.4	3.0	8.1	6.8	9.1	9.5	6.4	6.7	7.5	8.0	9.7

- Represents zero. ¹ Includes items not shown separately. ² Domestic investments only. ³ Goods and services. ⁴ For 1960, base year for percent change is 1959; for 1965, base year is 1964; for 1970, base year is 1969; 1973-80, change from prior year shown. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*; and *1976-79*; and *Survey of Current Business*, July 1981.

NO. 770. PRODUCER PRICE INDEXES—MAJOR COMMODITY GROUPS: 1950 TO 1981

[1967=100. Prior to 1961, excludes Alaska and Hawaii. See text, p. 457. See also *Historical Statistics, Colonial Times to 1970*, series E 23 and 24]

YEAR	All commodities	Farm products	Processed foods and feeds	INDUSTRIAL COMMODITIES		YEAR	All commodities	Farm products	Processed foods and feeds	INDUSTRIAL COMMODITIES	
				Total	Energy ¹					Total	Energy ¹
1950.....	81.8	106.7	83.4	78.0	87.1	1967.....	100.0	100.0	100.0	100.0	100.0
1951.....	91.1	124.2	92.7	86.1	90.3	1968.....	102.5	102.5	102.2	102.5	98.9
1952.....	88.6	117.2	91.6	84.1	90.1	1969.....	106.5	109.1	107.3	106.0	100.9
1953.....	87.4	106.2	87.4	84.8	92.6	1970.....	110.4	111.0	112.1	110.0	106.2
1954.....	87.6	104.7	88.9	85.0	91.3	1971.....	114.0	112.9	114.5	114.1	115.2
1955.....	87.8	98.2	85.0	86.9	91.2	1972.....	119.1	125.0	120.8	117.9	118.6
1956.....	90.7	96.9	84.9	90.8	94.0	1973.....	134.7	176.3	148.1	125.9	134.3
1957.....	93.3	99.5	87.4	93.3	99.1	1974.....	160.1	187.7	170.9	153.8	208.3
1958.....	94.6	103.9	91.8	93.6	95.3	1975.....	174.9	186.7	182.6	171.5	245.1
1959.....	94.8	97.5	89.4	95.3	95.3	1976.....	183.0	191.0	178.0	182.4	265.6
1960.....	94.9	97.2	89.5	95.3	96.1	1977.....	194.2	192.5	186.1	195.1	302.2
1961.....	94.5	96.3	91.0	94.8	97.2	1978.....	209.3	212.5	202.6	208.4	322.5
1962.....	94.8	98.0	91.9	94.8	96.7	1979.....	235.6	241.4	222.5	236.5	408.1
1963.....	94.5	96.0	92.5	94.7	96.3	1980.....	268.8	249.4	241.2	274.8	574.0
1964.....	94.7	94.6	92.3	95.2	93.7	1981, May.....	289.5	260.0	249.4	298.4	680.1
1965.....	95.6	98.7	95.5	96.4	95.5						
1966.....	99.8	105.9	101.2	98.5	97.8						

¹ Fuels, related products, and power.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 771. PRODUCER PRICE INDEXES—ANNUAL PERCENT CHANGE IN SELECTED COMMODITY GROUPS: 1970 TO 1981

[Minus sign (—) denotes decrease]

COMMODITY GROUP	1970 ¹	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981 ²
Farm products.....	1.7	1.7	10.7	41.0	6.5	—5	2.3	.8	10.4	13.6	3.3	11.1
Processed foods, feeds.....	4.5	2.0	5.7	22.6	15.4	6.8	—2.5	4.6	8.9	9.8	8.4	6.4
Textile products, apparel.....	1.0	1.4	4.6	9.0	12.4	—9	7.5	3.9	3.8	5.6	8.8	8.8
Hides, skins, leather, related products.....	1.3	3.4	15.2	8.0	1.4	2.3	13.0	6.9	11.5	26.2	—1.4	10.5
Fuels, related products, power.....	5.3	7.5	3.9	13.2	55.1	17.7	8.4	13.8	6.7	26.5	40.7	23.4
Chemicals, allied products.....	2.3	2.0	—	5.6	33.5	23.5	3.3	3.0	3.1	11.8	17.1	9.8
Rubber and plastic products.....	2.8	.8	.1	2.8	21.2	10.3	6.0	5.3	4.3	11.2	11.9	7.9
Lumber and wood products.....	—9.3	11.8	13.6	22.8	3.6	—3.6	16.2	14.9	16.8	8.9	—3.9	9.4
Pulp, paper, and allied products.....	4.0	1.8	3.0	7.7	24.2	12.3	5.3	3.9	4.9	12.0	13.8	9.0
Metals and metal products.....	7.5	2.1	3.8	7.5	29.4	8.0	5.5	6.7	8.7	14.2	10.5	6.2
Machinery and equipment.....	4.6	3.7	2.1	3.2	14.5	15.8	5.9	6.3	7.9	9.1	12.1	9.7
Furniture and household durables.....	2.5	2.2	1.4	3.4	11.0	9.2	4.2	4.1	5.9	6.8	9.6	6.5
Nonmetallic mineral products.....	4.8	8.4	3.0	3.3	17.7	13.6	7.1	7.6	11.1	11.8	13.8	9.8
Transportation equipment.....	3.8	5.4	3.1	1.2	9.0	12.7	6.8	6.8	7.6	8.4	10.0	15.2
Miscellaneous products.....	4.2	2.9	1.6	4.5	11.2	11.0	4.1	6.9	12.2	13.2	24.0	5.7

— Represents zero. ¹ Change from 1969. ² Change from May 1980–May 1981.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 772. PRODUCER PRICE INDEXES, BY STAGE OF PROCESSING: 1960 TO 1981

[1967=100. 1980 excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series E 73–86]

STAGE OF PROCESSING AND COMMODITY	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981, Jan.–May, avg.
Crude materials for further processing.....	97.0	99.3	112.3	173.9	196.1	196.9	202.7	209.2	234.4	274.3	304.6	333.0
Foodstuffs and feedstuffs.....	95.1	97.1	112.0	179.9	189.4	191.8	190.2	192.1	218.2	247.9	259.2	264.8
Nonfoods, exc. fuel.....	101.4	104.5	109.8	161.5	205.4	188.3	206.7	212.2	233.1	284.5	346.1	422.2
For manufacturing.....	101.8	105.3	109.6	165.4	212.8	192.4	211.6	216.8	236.2	282.7	357.4	439.0
For construction.....	97.0	97.5	113.9	124.9	135.1	151.1	161.2	170.6	185.7	207.0	237.8	259.7
Fuel.....	92.8	93.5	122.6	164.5	219.4	271.5	305.3	372.1	426.8	507.6	615.0	690.8
Manufacturing industries.....	92.9	93.6	116.9	153.2	197.4	252.1	300.1	354.6	446.2	549.6	690.5	788.4
Nonmanufacturing industries.....	92.5	93.3	130.2	179.4	248.4	297.2	317.1	370.9	421.1	485.0	567.0	626.0
Intermediate materials, supplies, components.....	95.6	96.8	109.9	131.6	162.9	180.0	189.1	201.5	215.6	243.2	280.3	301.5
Materials and components for manufacturing.....	96.5	97.4	110.0	127.7	162.2	178.7	185.4	195.4	208.7	234.4	265.7	281.9
Materials for.....												
Food manufacturing.....	91.1	97.6	112.9	146.0	209.2	209.4	180.0	183.4	206.5	229.4	264.4	269.4
Nondurable manufacturing.....	102.1	100.0	103.8	121.2	155.2	174.7	184.2	190.0	196.7	222.8	259.5	279.8
Durable manufacturing.....	94.3	96.8	114.7	133.7	171.7	188.4	201.0	217.6	236.2	270.6	301.0	308.1
Components for manufacturing.....	93.1	93.8	111.1	121.4	139.9	158.3	166.6	176.8	189.6	207.5	231.8	253.3
Materials and components for construction.....	95.9	96.2	112.6	136.7	161.6	176.4	188.4	203.4	224.7	247.4	268.3	283.6
Processed fuels, lubricants.....	98.2	97.4	105.0	131.5	199.1	233.0	250.1	282.5	295.3	364.8	503.0	586.3
Containers.....	95.5	95.8	111.4	129.2	152.2	171.4	180.2	188.3	202.8	226.8	254.5	270.6
Supplies.....	90.7	95.2	108.0	140.6	154.5	168.1	179.0	188.7	198.5	218.2	244.5	259.9
For manufacturing industries.....	96.2	95.9	110.0	121.1	141.7	157.9	166.5	177.0	189.3	207.5	231.9	247.1
For nonmanufacturing industries.....	88.5	95.0	107.2	150.7	161.1	173.4	185.5	194.8	203.3	223.8	251.1	266.6
Finished goods.....	93.7	95.7	110.3	127.9	147.5	163.4	170.6	181.7	195.9	217.7	247.0	264.9
Consumer goods.....	94.5	96.1	109.9	129.2	149.3	163.6	169.7	180.7	194.9	217.9	248.9	266.7
Foods.....	92.1	95.1	113.5	146.4	166.9	181.0	180.4	189.9	207.2	226.2	239.5	251.5
Crude foods.....	100.6	98.6	116.3	160.2	180.8	181.2	193.9	201.0	216.9	233.1	237.2	268.6
Processed foods.....	80.7	94.9	113.1	143.9	164.8	181.3	177.8	187.3	204.6	223.8	237.8	247.9
Other nondurable goods.....	94.7	95.9	108.3	120.5	146.8	163.0	174.8	189.3	200.0	231.3	283.9	312.3
Durable goods.....	99.2	97.9	106.9	115.8	126.3	138.2	144.5	152.8	166.9	183.2	206.2	215.2
Capital equipment.....	91.7	94.4	112.0	123.5	141.0	162.5	173.4	184.6	199.2	216.5	239.8	258.3

Source: Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 773. PRODUCER PRICE INDEXES, BY COMMODITIES: 1965 to 1981

[1967 = 100, except as noted. See text, p. 457, and *Historical Statistics, Colonial Times to 1970*, series E 23-29]

COMMODITY GROUP	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981, Jan.- May, avg.
All commodities¹	96.6	110.4	134.7	160.1	174.9	183.0	194.2	209.3	235.6	268.8	289.5
Farm products and processed foods and feeds	97.1	111.7	159.1	177.4	184.2	183.1	188.8	206.6	229.8	244.7	254.4
Farm products¹	98.7	111.0	176.3	187.7	186.7	191.0	192.5	212.5	241.4	249.4	262.0
Fresh and dried fruits, vegetables	100.2	111.6	168.1	192.3	189.7	178.4	192.2	216.5	229.0	238.6	276.0
Grains	97.2	98.8	183.6	257.9	223.9	205.9	165.0	182.5	214.8	239.0	265.9
Livestock	99.4	116.7	190.4	170.6	187.9	173.3	173.0	220.1	260.3	252.7	245.3
Live poultry	105.5	99.5	179.5	157.4	189.8	166.9	175.4	199.8	194.3	202.1	210.0
Plant and animal fibers	126.4	90.2	197.8	193.9	153.1	233.9	202.3	193.4	209.9	271.1	271.0
Fluid milk	84.9	115.3	145.0	172.8	180.2	201.2	202.8	219.7	250.1	271.2	287.6
Eggs	110.9	126.8	165.7	160.6	159.8	179.1	162.0	158.6	176.5	171.0	182.4
Hay, hayseeds, and oilseeds	97.8	99.4	220.1	228.6	200.2	210.4	234.2	215.8	244.3	247.1	298.3
Processed foods and feeds	95.5	112.1	148.1	170.9	182.8	178.0	186.1	202.6	222.5	241.2	249.4
Cereal and bakery products	93.1	107.7	134.4	171.2	178.0	172.1	173.4	190.3	210.3	236.0	252.7
Meats, poultry, and fish	96.2	115.9	167.5	163.5	191.0	181.6	182.0	217.1	242.0	243.1	243.8
Dairy products	89.0	111.2	131.1	146.4	155.8	168.5	173.4	188.4	211.2	230.6	252.7
Processed fruits and vegetables	95.2	110.6	129.6	154.6	169.8	170.2	187.4	202.6	221.9	228.7	250.6
Sugar and confectionary	96.5	115.8	132.3	258.9	254.3	190.9	177.4	197.8	214.7	322.5	304.6
Beverages and beverage materials	99.2	113.0	121.7	140.7	162.4	173.5	201.0	200.0	210.7	233.0	243.3
Animal fats and oils	136.0	140.4	230.4	327.7	341.8	213.2	267.0	291.2	320.6	279.2	291.2
Crude vegetable oils	112.5	121.0	174.6	291.1	208.1	162.5	197.5	218.2	243.7	202.8	191.8
Refined vegetable oils	105.1	119.2	154.5	265.8	213.2	187.5	198.9	228.8	231.6	179.8	206.7
Vegetable oil end products	99.2	111.9	143.6	224.8	211.5	174.2	198.1	209.4	223.5	233.2	239.2
Miscellaneous processed foods	100.9	113.1	123.3	158.6	178.4	174.7	190.0	199.0	216.5	227.2	248.5
Manufactured animal feeds	94.9	103.7	198.7	184.1	172.1	194.4	204.8	197.4	219.4	226.8	238.9
Industrial commodities	96.4	110.0	125.9	153.8	171.5	182.4	195.1	209.4	236.5	274.8	298.4
Textile products and apparel	99.8	107.1	123.8	139.1	137.9	148.2	154.0	159.8	168.7	183.5	195.0
Synthetic fibers ²						102.4	107.3	109.6	119.0	134.7	150.4
Processed yarns, threads ³						99.5	100.9	102.4	109.2	122.5	133.0
Gray fabrics ³	(NA)	(NA)	(NA)	(NA)	(NA)	106.1	104.7	118.6	127.1	138.1	144.5
Finished fabrics ²						101.1	103.7	103.8	107.4	115.7	123.1
Apparel	97.1	110.8	119.0	129.5	133.4	139.9	147.3	152.4	160.4	172.4	180.8
Textile housefurnishings	97.3	103.5	113.3	143.1	151.9	159.3	171.3	178.6	190.4	206.9	225.6
Hides, skins, leather, related products¹	94.3	110.3	143.1	145.1	148.5	167.8	179.3	200.0	252.4	248.9	261.8
Hides and skins	118.0	104.2	253.9	195.9	174.5	258.4	266.7	360.5	535.4	370.9	372.5
Leather	98.0	107.7	160.1	164.3	151.5	188.1	201.0	238.6	356.7	310.6	328.0
Footwear	90.7	113.3	130.5	140.0	147.8	158.9	168.7	183.0	218.0	233.1	240.4
Fuels, related products, power	95.5	106.2	134.3	202.3	245.1	265.6	302.2	332.5	408.1	574.0	680.1
Coal	93.4	150.3	218.1	332.4	385.8	368.7	389.4	430.0	450.9	467.3	482.8
Coke (foundry byproduct)	95.8	127.4	166.6	247.7	330.8	346.8	379.4	411.8	429.2	430.6	438.1
Gas fuels	92.8	103.6	126.7	162.2	216.7	286.8	387.8	428.7	544.1	760.7	874.8
Electric power	100.1	105.9	129.3	163.1	193.4	207.6	232.9	250.6	270.2	321.6	350.7
Crude petroleum, domestic	98.2	106.1	126.0	211.8	245.7	256.6	274.2	300.1	376.5	556.4	814.6
Petroleum products, refined	93.8	101.0	128.7	223.4	257.5	276.6	308.2	321.0	444.8	674.7	800.3
Chemicals and allied products¹	99.0	102.2	110.0	146.8	181.3	187.2	192.8	198.8	222.3	260.3	281.0
Industrial chemicals	97.5	100.9	103.4	151.7	206.9	219.3	223.9	225.6	264.0	324.0	354.8
Prepared paint	96.4	112.4	122.2	145.7	166.9	174.4	182.4	192.3	204.4	235.3	247.1
Paint materials	98.8	101.4	113.2	152.3	177.2	189.8	205.9	212.7	241.2	273.9	290.8
Drugs and pharmaceuticals	100.4	101.2	104.3	112.7	126.6	134.0	140.5	148.1	159.4	174.5	188.9
Fats and oils, inedible	138.6	132.8	228.3	338.2	255.2	249.9	279.0	315.8	376.6	298.0	304.2
Agricultural chemicals and products	98.3	88.5	96.6	137.7	203.6	188.3	187.8	198.4	214.4	257.1	273.9
Plastic resins and materials	99.3	90.6	92.1	143.8	180.9	194.0	197.5	199.8	235.9	279.2	280.5
Rubber and plastic products¹	95.9	108.3	112.4	136.2	150.2	159.2	167.6	174.8	194.3	217.4	228.6
Crude rubber	105.6	101.6	111.9	139.4	145.6	181.0	171.7	187.2	221.4	264.3	280.5
Tires and tubes	93.8	109.0	111.4	133.4	148.5	161.5	168.6	179.2	205.9	236.9	246.7
Miscellaneous rubber products	94.5	113.3	124.8	140.8	155.9	163.9	176.8	189.6	206.4	226.6	244.7
Plastic construction products ³	(NA)	97.2	94.1	118.9	123.9	127.2	133.2	136.4	147.5	154.2	154.4
Laminated plastic sheets, high pressure ⁴	(NA)	(NA)	97.8	116.3	124.6	131.1	141.1	146.4	158.8	173.7	186.9
Lumber and wood products	95.9	113.6	177.2	183.6	176.9	205.6	236.3	276.0	300.4	288.9	296.1
Lumber	94.0	113.7	205.2	207.1	192.5	233.0	276.5	322.4	354.3	325.8	330.1
Millwork	96.0	116.0	144.2	157.1	160.4	176.9	193.7	235.4	254.3	260.4	274.9
Plywood	103.5	108.4	155.2	161.1	161.2	187.0	212.2	235.6	250.5	246.5	249.8
Other wood products	(NA)	117.3	149.7	166.6	161.9	166.2	184.3	211.8	235.4	249.2	267.6
Pulp, paper, and allied products	96.2	108.2	122.1	151.7	170.4	179.4	186.4	195.6	219.0	249.2	267.6
Pulp, paper, and products, exc. building paper and board	96.2	108.5	122.5	152.8	171.9	180.8	187.1	195.6	220.2	250.6	266.4
Woodpulp	100.1	109.6	128.3	217.8	289.4	286.0	281.1	266.5	314.3	380.3	393.7
Wastepaper	127.3	125.0	197.4	265.5	110.2	184.9	187.2	191.2	206.6	208.7	185.9
Paper	94.6	111.0	121.4	148.6	172.9	182.3	194.3	206.1	229.6	258.8	274.1
Paperboard	101.5	101.1	115.1	152.2	170.3	178.0	178.2	179.6	202.1	234.6	256.0
Converted paper and paperboard products	94.7	107.9	121.6	144.9	161.8	170.0	178.6	186.5	209.9	238.5	253.9
Building paper and board	100.9	101.0	112.8	123.5	127.1	138.7	157.0	187.4	182.4	206.2	228.2

See footnotes at end of table.

No. 773. PRODUCER PRICE INDEXES, BY COMMODITIES: 1965 TO 1981—Continued

[1967 = 100, except as noted. See headnote, p. 462]

COMMODITY GROUP	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981, Jan- May, avg.
Metals and metal products	96.4	116.6	132.8	171.9	185.6	195.9	209.0	227.1	259.3	286.4	296.4
Iron and steel.....	97.9	115.1	136.2	178.6	200.9	215.9	230.4	253.6	283.5	305.2	327.1
Steel mill products.....	97.5	114.2	134.1	170.0	197.2	209.8	229.9	254.5	280.4	302.7	327.6
Nonferrous metals.....	95.3	124.7	135.1	187.1	171.6	181.6	195.4	207.8	216.7	305.0	288.1
Metal containers.....	96.2	112.6	134.7	164.7	192.1	202.2	218.2	243.4	269.2	298.6	313.5
Hardware.....	93.1	111.5	124.7	140.7	163.0	173.1	185.4	200.4	218.7	240.5	256.1
Plumbing fixtures, brass fittings.....	93.3	111.2	125.8	149.1	162.3	174.1	186.6	199.1	217.1	246.7	261.1
Heating equipment.....	98.9	110.6	120.4	135.0	150.7	158.0	165.5	174.4	187.1	206.7	218.2
Fabricated structural metal products.....	96.1	112.0	127.4	161.2	189.0	193.8	206.7	226.4	248.9	270.5	289.2
Miscellaneous metal products.....	96.0	114.3	129.5	157.3	181.1	186.9	196.2	212.0	231.4	250.5	265.8
Machinery and equipment	93.9	111.4	121.7	139.4	161.4	171.0	181.7	196.1	213.9	239.8	256.9
Agricultural.....	94.0	113.2	125.9	143.8	168.6	183.0	197.9	213.1	232.1	259.2	279.6
Construction.....	93.6	115.9	130.7	152.3	185.2	198.9	213.5	232.9	258.2	289.4	311.6
Metalworking.....	91.8	114.1	125.5	146.9	171.6	187.2	198.5	217.8	241.3	274.4	294.6
General purpose.....	92.5	113.7	127.0	151.2	178.5	189.8	201.8	216.6	236.4	264.6	281.6
Special industry.....	92.5	115.7	130.1	151.0	175.0	188.4	202.7	223.0	247.0	275.8	301.3
Electrical.....	95.1	106.4	112.4	125.0	140.7	146.7	154.1	164.9	178.9	201.7	215.4
Miscellaneous.....	96.2	112.8	124.0	139.5	162.3	171.9	180.7	194.7	208.9	229.9	245.8
Furniture and household durables ¹	98.9	107.5	115.2	127.9	139.7	171.9	151.5	160.4	171.3	187.7	195.6
Household furniture.....	94.1	111.7	123.0	138.6	148.3	153.6	162.2	173.5	186.3	204.8	214.8
Commercial furniture.....	93.3	114.5	129.4	152.4	166.7	173.5	185.9	201.5	221.8	236.0	252.3
Floor coverings.....	104.5	99.4	102.2	115.4	124.9	131.4	136.4	141.6	147.9	163.0	175.0
Household appliances.....	98.9	105.3	108.5	117.9	132.3	139.2	145.1	153.0	160.9	174.2	183.1
Home electronic equipment.....	103.1	93.3	91.9	93.1	93.5	91.3	87.7	90.2	91.1	91.4	91.3
Nonmetallic mineral products ¹	97.5	112.9	130.2	153.2	174.0	186.3	200.5	222.8	246.6	283.0	303.5
Flat glass.....	96.2	115.6	121.4	128.8	139.2	150.0	160.8	172.8	183.9	196.5	205.8
Concrete ingredients.....	97.5	112.6	131.2	148.7	172.3	186.7	199.0	217.7	244.0	274.0	293.0
Concrete products.....	96.3	112.2	131.7	151.7	170.5	180.1	191.8	214.0	244.1	273.9	288.0
Structural clay products.....	96.6	109.9	123.3	135.2	151.2	163.5	179.8	197.2	217.9	231.5	244.1
Refractories.....	98.1	120.9	136.3	143.5	166.0	184.0	199.5	216.5	236.5	264.6	295.1
Asphalt roofing.....	96.7	102.7	135.5	196.0	225.9	238.3	253.0	292.0	325.3	396.8	402.7
Gypsum products.....	101.2	99.7	120.9	137.6	144.0	154.4	183.5	229.1	252.3	256.3	258.5
Glass containers.....	97.0	120.4	138.9	155.5	179.7	185.4	214.2	244.4	261.1	292.7	319.0
Transportation equipment ^{1, 2}	(NA)	104.6	115.1	125.5	141.5	151.1	161.3	173.5	188.1	207.0	229.8
Motor vehicles and equipment.....	98.5	108.7	119.2	129.2	144.6	153.8	163.7	176.0	190.5	208.8	231.5
Motor vehicles.....	99.6	107.3	116.7	125.5	137.5	146.4	155.7	167.7	181.6	197.7	211.3
Railroad equipment.....	97.4	115.1	134.7	163.8	201.2	216.7	233.5	252.8	277.3	313.1	336.3
Miscellaneous products ¹	95.9	109.6	119.7	133.1	147.7	216.7	233.5	252.8	268.7	258.8	264.3
Toys, sporting goods, small arms, etc.....	97.1	109.3	117.9	132.3	146.0	150.0	155.2	163.2	176.2	198.6	210.5
Tobacco products.....	94.1	113.6	121.9	132.8	149.6	163.0	179.8	198.5	217.8	245.7	260.5
Notions.....	97.8	106.4	114.3	137.4	151.0	162.3	172.4	182.0	191.8	217.2	243.7
Photographic equipment and supplies.....	98.2	104.9	106.4	116.8	130.0	136.2	139.9	145.7	153.7	202.9	210.5

NA Not available. ¹Includes other product groups, not shown separately. ²Dec. 1975 = 100. ³Dec. 1969 = 100. ⁴Dec. 1970 = 100. ⁵Dec. 1968 = 100.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 774. INDEXES OF SPOT PRIMARY MARKET PRICES: 1965 TO 1981

[1967 = 100. Index computed daily in 1965; weekly, beginning 1970. Represents unweighted geometric average of price quotations of 22 commodities, traded on organized exchanges. This index is much more sensitive to changes in market conditions than is a monthly producer price index]

ITEM AND NUMBER OF COMMODITIES	1965 (6-15)	1970 (6-16)	1973 (6-12)	1974 (6-11)	1975 (6-24)	1976 (6-29)	1977 (6-28)	1978 (6-27)	1979 (6-26)	1980 (6-24)	1981 (5-26)
All commodities (22)	106.2	113.6	171.3	221.5	189.9	210.9	206.7	230.0	281.3	285.1	267.9
Foodstuffs (9).....	94.4	112.2	172.7	211.5	215.3	213.7	210.6	238.1	265.1	260.9	244.2
Raw industrials (13).....	115.1	114.4	170.2	228.5	174.1	208.9	204.0	224.4	293.0	268.0	285.4
Livestock and products (5).....	121.4	123.6	222.6	190.1	240.8	224.4	234.6	278.0	336.3	250.5	265.2
Metals (5).....	114.2	125.2	145.6	261.4	166.8	215.4	203.0	220.6	332.8	257.9	287.3
Textiles and fibers (4).....	110.3	99.9	159.1	183.9	158.8	181.4	170.1	173.6	192.2	234.7	243.0
Fats and oils (4).....	114.8	128.6	187.9	224.3	213.6	208.3	235.7	255.3	289.4	229.5	238.7

Source: U.S. Bureau of Labor Statistics, *Tuesday Spot Market Price Indexes and Prices*, weekly and monthly.

No. 775. PRODUCER PRICES OF SELECTED COMMODITIES: 1970 TO 1981

(In dollars per unit. Annual averages of monthly figures. See *Historical Statistics, Colonial Times to 1970*, series E 123-134, for selected items)

COMMODITY	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981, Jan.- May, avg.
Farm products:										
Wheat, hard winter, No. 1, K.C.	Bu.	1.48	4.68	3.81	3.34	2.59	3.17	3.98	4.30	4.40
Steers, choice	100 lb.	30.04	42.24	44.36	39.27	40.28	52.26	67.69	67.20	63.83
Cotton, raw	Lb.	.25	.58	.45	.66	.61	.58	.63	.62	.81
Wool, combing and staple	Lb.	1.03	1.78	1.49	1.82	1.83	1.80	2.16	(NA)	2.47
Eggs, large	Doz.	.43	.63	.62	.70	.63	.82	.69	.67	.71
Corn, No. 2 yellow, Chicago	Bu.	1.37	3.22	2.90	2.70	2.21	2.56	2.91	3.32	3.48
Sugar, raw cane	100 lb.	8.09	29.04	23.00	13.49	10.69	13.84	15.27	30.06	23.28
Processed foods:										
Flour, Kansas City	100 lb.	5.57	11.06	9.37	^a 8.31	6.23	7.48	9.27	10.08	10.44
Sugar, granulated (excl. excise tax)	5 lb.	(NA)	1.67	1.67	1.03	.92	1.09	1.17	2.16	1.90
Coffee, tin	Lb.	.85	1.21	1.30	2.01	3.52	2.89	2.78	2.93	2.53
Lard, 1 and 2 lb. prints	Lb.	.17	.35	.36	.24	.24	.34	.40	.37	(NA)
Beef, choice	100 lb.	48.93	68.55	74.93	63.96	65.03	83.12	103.01	106.79	(NA)
Lamb, choice	100 lb.	(NA)	82.56	84.45	102.15	107.29	126.05	133.53	133.30	(NA)
Shrimp, fresh processed	Lb.	(NA)	2.27	2.69	3.63	3.40	3.61	^a 5.16	4.53	(NA)
Salmon, No. 1, tall can	Case/48	(NA)	(NA)	69.92	69.00	68.50	65.17	67.59	77.74	86.00
Haddock, unprocessed	100 lb.	(NA)	50.58	54.46	58.79	68.79	57.33	64.68	66.27	84.60
Textile products:										
Polyester/cotton yarns, 18's	Lb.	(NA)	(NA)	(NA)	1.40	1.40	1.39	1.41	1.74	1.81
Polyester twill, textured	Yd.	(NA)	(NA)	(NA)	1.78	1.42	1.46	1.39	1.40	1.73
Hides, leather, and shoes:										
Cattlehides, packer, heavy native ^a	Lb.	.13	.24	.23	.34	.37	.47	.73	.46	(NA)
Lamb garment leather	Sq. ft.	.39	.72	.72	^a .76	.92	1.05	^a 1.40	1.18	1.14
Oxfords, Goodyear leather upper, sole	Pair	13.49	16.12	16.84	17.93	19.00	20.77	25.85	(NA)	(NA)
Fuels, related products, power:										
Elec. Power, E. No. Cen.	200,000 kWh.	(NA)	4,361	5,281	5,675	6,276	6,989	7,661	8,834	8,777
Gasoline, unleaded ^a	Gal.	(NA)	(NA)	(NA)	(NA)	(NA)	.47	.64	.98	1.10
Gasoline, regular ^a	Gal.	(NA)	(NA)	.35	.39	.42	.44	.60	.93	1.06
Gasoline, premium ^a	Gal.	(NA)	(NA)	(NA)	.42	.45	.48	.65	.99	1.12
Distillate fuel oil, No. 2, to resellers	Gal.	(NA)	(NA)	.29	.31	.36	.37	.53	.78	.98
Chemicals and allied products:										
Aspirin	Lb.	.58	.82	1.00	1.08	1.14	1.20	1.28	1.43	1.63
Paint, outside	Gal.	^a 5.67	8.04	9.55	9.41	9.47	9.91	10.61	12.22	13.41
Paint, inside, latex	Gal.	(NA)	5.93	6.57	6.62	7.19	7.61	7.68	8.99	10.96
Rubber and rubber products:										
Natural rubber, No. 1 ribbed ^a	Lb.	.21	.40	.30	.40	.42	.50	.64	.73	.64
Synthetic rubber, neoprene, GN type	Lb.	.43	.52	.64	.68	.70	.77	.82	.87	1.08
Lumber and wood products:										
Softwood plywood, interior	1,000 sq. ft.	(NA)	126	139	145	163	192	201	191	(NA)
Redwood boards, clear, f.g. dry	M. bd. ft.	(NA)	494	506	505	603	805	979	1,036	(NA)
Maple, No. 1, common	M. bd. ft.	(NA)	234	230	230	274	308	351	354	(NA)
Southern pine, finish, C and better	M. bd. ft.	(NA)	319	317	342	396	499	547	584	(NA)
Pulp, paper, and allied products:										
Woodpulp, sulphate, bleached ^a	Ton	131	263	336	338	331	307	368	452	478
Book paper, No. 3 uncoated	100 lb.	21.57	23.59	24.25	25.28	26.68	29.58	33.63	37.53	39.32
Liner, 100 lb. test	1,000 sq. ft.	2.55	3.65	4.32	4.39	4.29	4.31	4.94	5.81	6.30
Toilet tissue	Case	9.07	12.20	15.62	¹ 16.86	18.20	19.52	21.78	25.00	24.25
Metal and metal products:										
Iron ore, Mesabi	Long ton	10.78	13.90	17.83	19.38	20.95	21.55	22.43	26.56	28.50
Iron and steel scrap, No. 1 heavy melting ¹	Long ton	42.04	104.17	70.92	79.13	66.96	78.29	101.48	96.17	106.20
Steel rails, standard ^a	100 lb.	6.80	10.53	12.72	14.17	15.17	16.90	18.80	21.35	23.18
Domestic copper, cathode	Lb.	(NA)	.77	.64	.69	.66	(NA)	.91	(NA)	(NA)
Red brass ingot	Lb.	.56	.84	.65	.70	.70	.73	.93	1.07	(NA)
Aluminum sheet	Lb.	(NA)	.86	1.00	1.07	1.17	1.40	1.71	1.78	1.88
Nails, wire, Bd, common	50 lb.	(NA)	9.15	10.67	10.74	11.52	12.06	13.16	14.63	15.37
Nonmetallic mineral products:										
Brick, building	1,000	(NA)	49.84	56.09	62.76	72.32	82.69	92.80	99.04	103.97
Glass, window, single B	50 sq. ft.	6.60	8.04	8.93	9.02	9.76	10.84	(NA)	12.16	(NA)
Shingles, asphalt roofing, strip	Square	(NA)	11.55	13.24	14.04	14.95	17.52	^a 19.20	22.66	20.40
Miscellaneous:										
Cigarettes, filter tip, king size ^a	1,000	5.88	6.86	7.75	8.45	9.42	10.43	11.44	12.93	13.76
Soybean meal	Ton	79.08	142.42	123.65	161.54	190.58	172.54	(NA)	(NA)	(NA)

NA Not available. ¹10-month average. ²11-month average. ^aSteer. ^dDealer tankwagon. ^eSmoked sheets.
^bSoftwood. ^cConsumers' buying price, including brokerage, delivered, Pittsburgh district. ^fStandard, carbon steel, No. 1
open hearth, 115 lb. per linear yard, control cooled, f.o.b. mill. ^gExcludes excise tax.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

**NO. 776. AVERAGE PRICES (UNIT VALUES)—SELECTED COMMODITIES EXPORTED AND IMPORTED:
1970 TO 1980**

[In dollars per unit. Includes trade of Puerto Rico with foreign countries. Unit values obtained by dividing annual values of domestic exports and imports by annual quantities. Values of goods exported represent those at port of export. For 1970, values of goods imported represent market values in country from which imported; thereafter, transaction values f.a.s. (free alongside ship) at port of export. Unit values may show actual price movements only roughly for commodities subject to considerable price variations among different grades, methods of packing, etc., and to year-to-year variations in proportions of grades, etc. Unit values of agricultural exports also include effects of Commodity Credit Corporation sales for export]

COMMODITY	Unit	1970	1974	1975	1976	1977	1978	1979	1980
EXPORTS									
Wheat.....	Bushel.....	1.58	4.80	4.54	3.98	3.09	3.46	4.29	4.85
Milled rice, less than 75% broken kernels.....	Lb.....	.079	.224	.189	.127	.140	.181	.180	.197
Corn.....	Bushel.....	1.45	3.20	3.36	2.98	2.58	2.64	2.99	3.41
Grain sorghums.....	Bushel.....	1.32	3.07	3.05	2.82	2.51	2.60	2.87	3.34
Wheat flour.....	100 lb.....	3.85	10.91	10.34	9.97	8.24	8.83	11.01	12.17
Leaf tobacco, flue-cured, unstemmed.....	Lb.....	.921	1.23	1.46	1.59	1.89	1.97	2.06	2.11
Cigarettes.....	1,000.....	5.45	6.41	7.38	8.30	9.20	10.08	11.40	12.87
Soybeans.....	Bushel.....	2.80	6.91	6.24	5.89	7.38	8.08	7.43	7.35
Synthetic rubber, "s" type ¹	Lb.....	.177	.274	.283	.307	.364	.377	.418	.402
Woodpulp, special alpha and dissolving grades.....	Sh. ton.....	187.40	329.47	296.97	395.42	397.74	402.44	448.78	511.57
Cotton, upland, staple 1" to 1½".....	Lb.....	.259	.533	.542	.648	.704	.298	.670	.706
Cotton, upland, staple, 1½" and over.....	Lb.....	.308	.579	.601	.685	.757	.321	.754	.817
Bituminous coal.....	Sh. ton.....	13.40	40.39	49.23	48.59	48.84	50.32	51.37	40.37
Steel scrap, No. 1, heavy melting.....	Sh. ton.....	43.37	102.46	84.53	72.85	61.19	74.50	100.05	102.20
Tallow, inedible.....	Lb.....	.087	.199	.162	.169	.187	.202	.245	.218
Soybean oil, crude.....	Lb.....	.122	.289	.332	.207	.253	.269	.291	.269
Carbon steel sheets, cold rolled.....	Lb.....	.077	.139	.175	.138	.121	.160	.170	.184
Polyethylene resin.....	Lb.....	.134	.342	.257	.269	.271	.262	.368	.423
Styrene, polymer, and copolymer resins.....	Lb.....	.193	.401	.343	.339	.372	.452	.501	.576
Container board liners.....	Lb.....	.062	.116	.126	.120	.111	.112	.132	.156
Nylon yarn, incl. monofilaments.....	Lb.....	.953	1.14	1.15	1.17	1.18	1.33	1.43	1.41
Carbon black, furnace.....	Lb.....	.080	.139	.167	.218	.264	.294	.306	.331
Copper, refined, crude forms.....	Lb.....	.671	.900	.654	.701	.685	.637	.790	.974
Aluminum metal and alloys.....	Lb.....	.263	.375	.361	.389	.493	.531	.659	.807
IMPORTS									
Canned beef.....	Lb.....	.425	1.07	.724	.744	.754	.769	1.11	1.44
Cashew nuts.....	Lb.....	.599	.930	.846	.898	1.37	1.34	1.46	2.02
Raw sugar.....	Lb.....	.070	.195	.245	.126	.092	.086	.101	.223
Coffee (Brazil).....	Lb.....	.474	.655	.879	1.21	1.92	1.81	1.55	1.87
Coffee (Colombia).....	Lb.....	.535	.684	.693	1.07	2.00	1.83	1.53	1.70
Cocoa (cacao beans, Africa).....	Lb.....	.352	.562	.670	.617	.975	1.37	1.57	1.26
Tee (Sri Lanka).....	Lb.....	.390	.504	.592	.534	1.06	.871	.841	.858
Whisky, containers of 1 gal. or less (U.K.).....	Proof gal.....	7.48	7.94	8.22	8.37	8.31	10.18	11.17	13.58
Whisky, containers of 1 gal. or less (Canada).....	Proof gal.....	6.70	7.13	7.60	7.45	8.14	8.69	8.71	9.99
Cigarette leaf, unstemmed.....	Lb.....	.568	.796	1.03	1.31	1.20	1.19	1.24	1.27
Goat and kid skins, dry.....	Lb.....	1.06	1.23	1.26	2.04	1.22	2.56	2.83	40.0
Crude rubber, except milk.....	Lb.....	.189	.331	.238	.321	.360	.403	.529	.588
Sawed lumber, fir.....	Mil. bd. ft.....	71.13	138.19	137.64	170.17	194.93	218.29	253.50	255.12
Sawed lumber, spruce.....	Mil. bd. ft.....	73.98	140.99	132.55	160.11	178.27	206.27	222.58	192.25
Woodpulp, sulphite, bleached, exo-rayon and special chemical grades.....	Sh. ton.....	142.90	290.77	323.72	311.92	304.01	296.12	363.72	443.79
Woodpulp, sulphate, bleached.....	Sh. ton.....	143.68	286.17	353.41	350.47	332.81	287.60	346.41	431.74
Carpet wool, scoured ²	Lb.....	.424	.957	.825	.835	.994	1.49	(NA)	(NA)
Apparel wool, 60's and finer ²	Lb.....	.879	2.40	1.59	1.51	1.56	1.69	1.80	1.70
Iron ore (Canada).....	Ton.....	12.42	17.51	22.15	25.12	27.46	28.89	30.18	33.61
Iron ore (Venezuela).....	Ton.....	8.33	12.30	15.64	16.87	19.27	17.65	19.21	22.48
Manganese ore, metallurgical grade ³	Lb.....	.020	.038	.050	.057	.062	.059	.055	.069
Bauxite, crude.....	Ton.....	10.91	11.79	20.67	24.16	25.73	27.74	26.78	27.81
Copper ores and concentrates ³	Lb.....	.617	.718	.566	.646	.588	.581	.800	.700
Crude petroleum* (Venezuela).....	Bbl.....	2.30	11.11	11.66	12.35	13.04	12.81	17.18	27.64
Newsprint.....	Sh. ton.....	140.11	203.18	244.10	265.23	285.37	280.80	321.50	366.98
Jute burlap.....	Lb.....	.230	.304	.294	.241	.246	.288	.350	.379
Concrete reinforcement bars.....	Lb.....	.051	.136	.092	.076	.080	.093	.140	.150
Steel tubes and pipes, at least .065" thick, ¾" diameter.....	Lb.....	.075	.168	.208	.134	.140	.138	.204	.233
Copper, refined (Chile) ⁴	Lb.....	.830	.880	.531	.583	.578	.576	.848	.986
Nickel in pigs, ingots, shot, etc.....	Lb.....	1.30	1.61	1.88	2.07	2.15	1.93	2.34	3.17
Tin bars, blocks, pigs, etc. (Malaysia).....	Lb.....	1.66	3.54	3.35	3.31	4.37	5.52	6.65	7.75

NA Not available. ¹Excludes latex (liquid). ²Clean content. ³Metal content. ⁴Testing 25° API or more.

Source: U.S. Bureau of the Census, *U.S. Exports, Schedule B Commodity, By Country*, Report FT 446, annual, and *U.S. Imports for Consumption and General Imports, TSUSA Commodity by Country*, Report FT 246, annual.

NO. 777. IMPORT PRICE INDEXES—SELECTED COMMODITIES: 1970 TO 1981

[As of June, except as indicated. Products classified and weighted by 1975 Tariff Schedule of the United States Annotated, a scheme for describing and reporting product composition and value of U.S. imports. Import prices are based on U.S. dollar prices paid by importer. Prices are f.o.b. (free on board) foreign port or c.i.f. (cost, insurance, and freight) U.S. port transaction prices, as indicated]

COMMODITY	Unit	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
Food.....	Sept. 1977 = 100	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	97.5	107.2	134.0	126.2
Lumber, conifer (c.i.f.).....	1969 = 100	89.9	177.9	161.7	154.2	173.6	193.6	231.0	249.8	212.6	224.0
Intermediate mfg. goods.....	Dec. 1977 = 100	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	108.3	127.9	150.8	149.7
Paper and paperboard.....	1967 = 100	107.2	123.0	149.3	163.2	197.5	211.2	223.8	243.0	281.2	300.1
Textile fabrics.....	Dec. 1977 = 100	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	106.5	121.2	138.2	136.9
Iron and steel (c.i.f.).....	March 1977 = 100	(NA)	(NA)	(NA)	(NA)	(NA)	101.2	118.6	138.5	152.1	155.4
Manufactures of metals.....	March 1977 = 100	(NA)	(NA)	(NA)	(NA)	(NA)	99.0	109.8	120.0	129.2	134.3
Rubber tires and tubes (c.i.f.).....	1970 = 100	100.0	125.1	145.5	154.0	159.8	171.4	183.9	207.0	242.6	256.8
Plywood ¹ (c.i.f.).....	1978 = 100	(NA)	100.0	101.4	85.5	102.5	112.5	116.3	175.8	179.4	179.8
Non-electrical machinery.....	1978 = 100	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	108.7	109.5
Office machines.....	March 1977 = 100	(NA)	(NA)	(NA)	(NA)	(NA)	100.8	106.0	109.6	107.6	103.9
Metalworking machinery.....	Dec. 1976 = 100	(NA)	(NA)	(NA)	(NA)	(NA)	101.3	114.6	133.6	151.8	151.9
Textile and leather machinery.....	1977 = 100	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	112.6	128.0	141.0	141.0
Electrical machinery.....	1975 = 100	(NA)	92.1	104.1	100.0	97.9	101.3	108.3	120.4	125.5	124.7
Electric power machinery.....	1975 = 100	(NA)	86.4	95.1	100.0	98.7	101.3	114.3	127.0	137.1	132.1
Telecommunication equip.....	1975 = 100	(NA)	94.0	102.2	100.0	101.2	104.2	109.3	116.6	118.8	121.2
Gloyles and parts ² (f.o.b.).....	1973 = 100	(NA)	100.0	107.8	122.5	120.4	128.5	139.5	151.4	169.7	175.2
Clothing.....	Sept. 1977 = 100	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	103.0	114.3	118.8	125.1
Footwear (c.i.f.).....	1975 = 100	(NA)	72.7	91.6	100.0	107.6	113.4	125.9	153.1	164.6	168.5
Phono, tape recorders (f.o.b.).....	1971 = 100	(NA)	117.1	114.6	108.7	107.5	110.1	123.9	130.2	123.0	126.4
Toys, indoor games (f.o.b.).....	1972 = 100	(NA)	110.0	117.0	120.5	123.0	130.6	143.4	153.1	166.4	173.4

NA Not available. ¹Includes veneered panels. ²Excludes motorized cycles.

NO. 778. IMPORT PRICE INDEXES—SELECTED COMMODITIES: 1970 TO 1981

[As of June. Indexes are weighted by 1975 export values according to Schedule B classification system of U.S. Bureau of the Census. Prices used in these indexes were collected from a sample of U.S. manufacturers of exports and are f.o.b. (free on board) factory transaction prices, except as noted]

COMMODITY	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981
Raw cotton (f.a.s.).....	1973 = 100	(NA)	122.7	91.3	131.8	131.5	118.3	131.0	147.2	161.4
Organic coal tar, cyclic chemical intermediates (f.a.s.).....	1974 = 100	(NA)	100.0	86.4	87.4	93.4	90.1	119.7	139.4	144.2
Rubber manufactures.....	1967 = 100	106.1	132.8	149.0	152.8	162.8	166.6	178.7	206.5	229.0
Wood manufactures.....	Sept. 1976 = 100	(NA)	(NA)	(NA)	(NA)	108.1	115.0	124.8	174.4	160.6
Paper and paperboard.....	1978 = 100	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	111.7	127.7	139.5
Manufactures of metals.....	Sept. 1977 = 100	(NA)	(NA)	(NA)	(NA)	(NA)	106.4	117.8	129.5	140.5
Machinery and transportation equipment ¹	1975 = 100	(NA)	(NA)	100.0	106.8	113.2	122.2	132.4	147.8	162.5
Non-electrical machinery.....	1975 = 100	(NA)	(NA)	100.0	107.3	115.0	123.6	133.6	148.7	166.6
Agricultural machinery.....	March 1979 = 100	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	102.1	116.7	128.6
Office machines.....	1977 = 100	(NA)	(NA)	(NA)	(NA)	100.0	101.8	103.0	106.9	115.7
Metalworking machinery.....	1967 = 100	114.8	154.5	179.2	190.1	201.7	227.3	253.3	287.1	319.2
Textile machinery.....	1967 = 100	109.7	149.3	159.6	174.6	187.3	203.2	212.1	245.4	256.3
Machines for special industries.....	Dec. 1978 = 100	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.6	117.5	133.2
Heating and cooling equipment.....	1967 = 100	110.4	131.4	154.3	160.7	169.7	179.8	191.6	207.8	227.3
Pumps and centrifuges.....	1967 = 100	114.3	151.0	177.7	195.5	210.2	218.8	235.3	260.6	294.6
Forklift trucks.....	1970 = 100	100.0	137.0	161.5	174.0	184.0	198.3	219.8	243.5	264.3
Powered tools ²	1967 = 100	108.8	138.0	158.9	173.9	192.0	208.0	227.8	249.1	275.2
Elec. power mach. excl. turbines.....	1967 = 100	108.1	134.4	155.5	162.5	174.8	183.1	197.3	232.6	244.6
Electrical apparatus ³	1967 = 100	103.6	126.1	131.8	140.7	150.5	163.7	170.2	204.0	210.2
Telecommunications equipment.....	1967 = 100	109.5	133.9	154.5	160.2	163.7	170.8	187.8	200.3	211.9
Electric household appliances.....	1967 = 100	105.6	120.0	138.8	142.9	149.7	157.1	165.0	185.4	202.7
Lorries and trucks.....	1967 = 100	110.2	140.9	166.5	183.2	193.0	221.8	241.0	265.4	306.2
Motor vehicle parts, new ⁴	1967 = 100	102.4	128.3	155.9	169.1	168.2	189.0	210.0	245.7	263.1
Aircraft, new ⁴ (f.a.f.).....	1973 = 100	(NA)	106.4	116.2	126.6	137.5	147.6	156.2	166.1	188.0
Aircraft parts ⁴	1967 = 100	120.4	162.2	189.6	203.8	223.4	238.8	266.5	291.9	328.4

NA Not available. ¹Excludes military and commercial aircraft. ²Includes tools for working metals, wood, plastics, and hand carving materials. ³For making or breaking or for protecting electric circuits. ⁴Nonmilitary, excludes parts for assembly; prices are f.a.s. (free alongside ship). Excludes motorcycle parts. ⁵Excludes military, cargo, and passenger transport. Prices are f.a.f. (fly away factory). ⁶Excludes rubber tires, engines, and electrical parts.

Source of tables 777 and 778: U.S. Bureau of Labor Statistics, *News*, quarterly.

NO. 779. CONSUMER PRICE INDEXES, BY MAJOR GROUPS: 1950 TO 1981

[1967=100. Annual averages of monthly figures, except as indicated. Prior to 1965, excludes Alaska and Hawaii. 1965-1977 indexes reflect buying patterns of urban wage earners and clerical workers in the 1960's, including single workers living alone as well as families of two or more persons; indexes for prior years apply only to families of two or more persons; beginning 1978, reflects buying patterns of all urban consumers in the 1970's. See text, p. 458. See also *Historical Statistics, Colonial Times to 1970*, series E 135-173]

YEAR	All items	Food	Rent, residential	Home ownership	Home purchase	Fuel oil and coal	Gas and electricity	Apparel and upkeep	TRANSPORTATION		Medical care	All commodities	All services
									Private	Public			
1950.....	72.1	74.5	70.4	(NA)	(NA)	72.7	81.2	79.0	72.5	48.9	53.7	78.8	58.7
1951.....	77.8	82.8	73.2	(NA)	(NA)	76.5	81.5	86.1	75.8	54.0	56.3	85.9	61.8
1952.....	79.5	84.3	76.2	(NA)	(NA)	78.0	82.6	85.3	80.8	57.5	59.3	87.0	64.5
1953.....	80.1	83.0	80.3	75.0	86.5	81.5	84.2	84.6	82.4	61.3	61.4	86.7	67.3
1954.....	80.5	82.8	83.2	76.3	87.1	81.2	85.3	84.5	80.3	65.5	63.4	85.9	69.5
1955.....	80.2	81.6	84.3	77.0	87.3	82.3	87.5	84.1	78.9	67.4	64.8	85.1	70.9
1956.....	81.4	82.2	85.9	78.3	87.6	85.9	88.4	85.8	80.1	70.0	67.2	85.9	72.7
1957.....	84.3	84.9	87.5	81.7	90.0	90.3	89.3	87.3	84.7	72.7	69.9	88.6	75.6
1958.....	86.6	88.5	89.1	83.5	91.3	88.7	92.4	87.5	87.4	76.1	73.2	90.6	78.5
1959.....	87.3	87.1	90.4	84.4	91.3	89.8	94.7	88.2	91.1	78.3	76.4	90.7	80.8
1960.....	86.7	88.0	91.7	86.3	91.8	89.2	96.6	89.6	90.6	81.0	79.1	91.5	83.5
1961.....	89.6	89.1	92.9	86.9	92.3	91.0	99.4	90.4	91.3	84.6	81.4	92.0	85.2
1962.....	90.6	89.9	94.0	87.9	93.2	91.5	99.4	90.9	93.0	87.4	83.5	92.8	86.8
1963.....	91.7	91.2	95.0	89.0	94.2	93.2	99.4	91.9	93.4	88.5	85.6	93.6	88.5
1964.....	92.9	92.4	95.9	90.8	95.7	92.7	99.4	92.7	94.7	90.1	87.3	94.6	90.2
1965.....	94.5	94.4	96.9	92.7	97.0	94.6	99.4	93.7	96.3	91.9	89.5	95.7	92.2
1966.....	97.2	99.1	98.2	98.3	98.6	97.0	99.6	96.1	97.5	95.2	93.4	98.2	95.8
1967.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968.....	104.2	103.6	102.4	105.7	102.8	103.1	100.9	105.0	103.0	104.6	108.1	103.7	105.2
1969.....	108.8	108.9	105.7	116.0	109.5	105.6	102.8	111.5	106.5	112.7	113.4	108.4	112.5
1970.....	116.3	114.9	110.1	128.5	118.3	110.1	107.3	116.1	111.1	128.5	120.8	113.5	121.6
1971.....	121.3	118.4	115.2	133.7	124.8	117.5	114.7	119.8	116.6	137.7	128.4	117.4	128.4
1972.....	125.3	123.5	119.2	140.1	130.0	118.5	120.5	122.3	117.5	143.4	132.5	120.8	133.3
1973.....	133.1	141.4	124.3	146.7	132.7	136.0	126.4	126.8	121.5	144.8	137.7	129.9	139.1
1974.....	147.7	161.7	130.6	163.2	142.7	214.6	145.8	136.2	136.6	148.0	150.5	145.5	152.1
1975.....	161.2	175.4	137.3	181.7	160.3	235.3	169.6	142.3	149.8	158.6	168.6	158.4	166.6
1976.....	170.5	180.8	144.7	191.7	168.4	250.8	189.0	147.6	164.6	174.2	184.7	165.2	180.4
1977.....	181.5	192.2	153.5	204.9	179.5	283.4	213.4	154.2	176.6	182.4	202.4	174.7	194.3
1978.....	195.4	211.4	164.0	227.2	196.7	298.3	232.6	159.6	185.0	187.8	219.4	187.1	210.9
1979.....	217.4	234.5	176.0	262.4	223.1	403.1	257.8	166.6	212.3	200.3	239.7	208.4	234.2
1980.....	246.8	254.6	191.6	314.0	254.3	556.0	301.8	178.4	249.2	251.6	265.9	239.9	270.3
1981, May.....	269.0	272.5	205.9	345.0	263.0	685.8	339.6	186.4	276.0	297.7	289.0	251.9	299.6

NA Not available. ¹ Includes bottled gas.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review* and *Handbook of Labor Statistics*, annual.

NO. 780. CONSUMER PRICE INDEXES—ANNUAL PERCENT CHANGE IN MAJOR GROUPS: 1970 TO 1981

[See headnote, table 779. See also table 781 for base figures. Minus sign (—) denotes decrease]

ALL ITEMS	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981 ¹
All items.....	5.9	4.3	3.3	6.2	11.0	9.1	5.8	6.5	7.7	11.3	13.5	9.8
Food.....	5.5	3.1	4.3	14.5	14.4	8.5	3.1	6.3	10.0	10.9	8.6	8.8
Housing:												
Rent, residential.....	4.2	4.6	3.5	4.3	5.1	5.1	5.4	6.1	6.8	7.3	8.9	9.0
Home ownership.....	10.8	4.1	4.8	4.7	11.3	11.3	5.6	6.9	10.9	15.5	19.7	10.3
Home purchase.....	8.0	5.5	4.2	2.1	7.5	12.3	5.1	6.6	9.6	13.4	14.0	5.3
Mortgage interest.....	10.1	-8.9	-2.4	4.9	13.8	1.4	-8	-1.7	5.9	12.7	18.6	10.7
Fuel oil and coal.....	4.3	6.7	.9	14.8	57.8	9.7	6.6	13.0	5.3	35.1	37.9	23.3
Gas and electricity.....	4.4	6.9	5.1	4.9	15.3	16.3	11.4	12.9	8.0	10.8	17.1	13.9
Apparel and upkeep.....	4.1	3.2	2.1	3.7	7.4	4.5	3.7	4.5	3.5	4.4	7.1	5.0
Private transportation.....	4.3	5.0	.8	3.4	12.4	9.7	9.9	7.3	4.8	14.8	17.4	10.8
Automobiles, new.....	3.1	4.1	-9.1	1	5.8	8.6	6.3	5.3	7.6	7.9	8.0	6.7
Gasoline.....	.9	.7	1.2	9.8	35.4	8.8	4.2	5.8	4.3	35.3	39.0	10.9
Auto insurance rates.....	13.7	11.4	-4	-1.8	.1	5.6	28.8	12.0	2.9	5.6	8.2	3.9
Public transportation.....	14.0	7.2	4.1	1.0	2.2	7.2	9.8	4.7	3.0	6.7	25.6	24.3
Intercity bus fare.....	7.0	12.1	5.6	4.0	10.5	15.5	5.9	13.5	7.5	8.2	14.3	13.6
Medical care.....	6.4	6.5	3.2	3.9	9.3	12.0	9.5	9.6	8.4	9.3	10.9	9.7
Entertainment.....	5.1	5.3	2.9	2.8	7.5	8.9	5.0	4.9	5.3	6.7	8.9	8.0
Personal care.....	3.6	3.2	2.6	4.5	9.7	9.8	6.5	6.5	6.5	7.6	8.8	8.9
All services.....	8.1	5.6	3.8	4.4	9.3	9.5	8.3	7.7	8.5	11.0	15.4	11.3
All commodities.....	4.7	3.4	3.0	7.4	12.0	8.9	4.3	5.8	7.1	11.4	12.2	8.9

¹ Change from May 1980-May 1981.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*.

No. 781. CONSUMER PRICE INDEXES FOR SELECTED ITEMS AND GROUPS: 1970 TO 1981

[1967 = 100. Annual averages of monthly figures, except as indicated. See headnote, table 779]

COMMODITY	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981, May
All items	116.3	133.1	147.7	161.2	170.5	181.5	195.4	217.4	246.8	269.0
Food and beverages	114.7	139.5	158.7	172.1	177.4	188.0	206.3	228.5	248.0	265.4
Food.....	114.9	141.4	161.7	175.4	180.8	192.2	211.4	234.5	254.6	272.5
Food at home.....	113.7	141.4	162.4	175.8	179.5	190.2	210.2	232.9	251.5	267.7
Cereals and bakery products.....	108.9	127.7	166.1	184.8	180.6	183.5	199.9	220.1	246.4	270.0
Meats, poultry, fish, eggs.....	117.3	160.4	163.7	176.4	178.9	177.5	204.3	234.2	242.2	247.0
Dairy products.....	111.8	127.9	151.9	156.6	169.3	179.9	185.6	207.1	227.4	243.8
Fruits and vegetables.....	113.4	142.5	165.8	171.0	175.4	191.6	212.9	230.0	246.7	276.8
Sugar and sweets.....	115.1	128.3	185.2	246.2	218.2	229.4	257.5	277.6	341.3	367.1
Fats and oils.....	105.8	126.4	179.4	198.6	173.7	191.4	209.6	226.3	241.2	270.7
Nonalcoholic beverages.....	117.4	130.2	155.6	178.9	214.0	322.4	340.8	357.8	395.8	412.3
Other prepared foods.....	109.4	119.0	144.3	163.0	169.4	175.4	189.4	208.5	231.1	252.9
Food away from home.....	119.9	141.4	159.4	174.3	186.1	200.3	218.4	242.9	267.0	289.3
Alcoholic beverages.....	112.3	122.5	131.8	142.1	146.8	150.9	159.8	172.4	186.3	199.1
Housing ¹	118.2	133.7	148.8	164.5	174.6	185.5	202.8	227.6	263.3	288.5
Shelter.....	123.6	140.7	154.4	169.7	179.0	191.1	210.4	239.7	281.7	308.4
Rent.....	110.1	124.3	130.6	137.3	144.7	153.5	164.0	176.0	191.6	205.9
Home purchase.....	118.3	132.7	142.7	160.3	168.4	179.5	196.7	223.1	254.3	263.0
Mortgage interest rates.....	132.1	123.2	140.2	142.1	140.9	138.5	146.7	165.4	196.1	224.0
Property taxes.....	121.0	152.3	151.2	158.9	167.6	182.3	192.1	182.6	189.7	199.8
Maintenance and repairs.....	124.0	151.0	171.6	187.6	199.6	214.7	233.0	256.4	285.7	312.9
Fuel and other utilities.....	107.6	126.9	150.2	167.8	182.7	202.2	216.0	239.3	278.6	314.9
Fuel oil, coal, and bottled gas.....	110.1	136.0	214.6	235.3	250.8	283.4	298.3	403.1	556.0	685.8
Fuel oil.....	109.3	134.5	213.0	230.6	247.2	280.2	296.9	416.8	579.7	720.6
Gas (piped) and electricity.....	107.3	128.4	145.8	169.6	189.0	213.4	232.6	257.8	301.8	339.6
Electricity.....	106.2	124.9	147.5	167.0	177.6	189.3	203.4	219.1	253.4	281.9
Household furnishings and operation ²	111.5	121.6	135.3	151.0	160.1	167.5	177.7	190.3	205.4	220.1
Housefurnishings ³	109.3	115.8	125.6	137.4	142.9	147.6	154.3	163.1	174.2	184.2
Apparel and upkeep ³	116.1	126.8	136.2	142.3	147.6	154.2	159.6	166.6	178.4	186.4
Apparel commodities.....	116.5	127.1	136.1	141.2	145.8	151.6	155.7	161.1	171.1	177.2
Apparel commodities ⁴	116.3	126.5	135.7	140.6	144.9	150.6	154.2	158.5	167.8	173.3
Men's and boys'.....	117.1	128.4	136.4	142.2	147.2	154.0	157.3	160.8	168.4	176.8
Women's and girls'.....	116.0	127.3	134.9	138.1	141.9	146.4	149.3	151.9	155.1	157.2
Footwear.....	117.7	130.2	138.1	144.2	149.9	156.9	163.8	176.7	190.3	201.0
Transportation	112.7	123.8	137.7	150.5	165.5	177.2	185.5	212.0	249.7	277.8
Private.....	111.1	121.5	136.6	149.8	164.6	176.6	185.0	212.3	249.2	276.0
Automobiles, new.....	107.6	111.1	117.5	127.6	135.7	142.9	153.8	166.0	179.3	190.9
Automobiles, used.....	104.3	117.6	122.6	146.4	167.9	182.8	186.5	201.0	208.1	245.2
Gasoline.....	105.6	118.1	159.9	170.8	177.9	188.2	195.3	265.6	369.1	416.5
Auto insurance rates.....	126.7	138.0	138.1	145.9	187.9	210.5	216.6	228.7	247.4	256.8
Public.....	128.5	144.8	148.0	158.6	174.2	182.4	187.8	200.3	256.2	297.7
Intracity mass transit.....	134.5	150.1	148.0	155.5	173.3	178.5	181.8	189.8	217.6	251.9
Intercity bus fare.....	118.4	145.7	161.0	186.0	196.9	223.5	240.2	260.0	297.1	333.4
Airline fares.....	118.5	134.7	145.9	159.0	172.2	182.0	190.6	205.8	284.8	348.8
Medical care	120.6	137.7	150.5	168.6	184.7	202.4	219.4	239.7	265.9	289.0
Prescription drugs.....	101.2	100.5	102.9	109.3	115.2	122.1	131.6	141.8	154.8	170.4
Physicians' services.....	121.4	138.2	150.9	169.4	188.5	206.0	223.1	243.6	269.3	295.5
Dental services.....	119.4	136.4	146.8	161.9	172.2	185.1	198.1	214.8	240.2	257.7
Hospital room.....	145.4	182.1	201.5	236.1	268.6	299.5	332.4	370.3	418.9	465.1
Entertainment	116.7	130.0	139.8	152.2	159.8	167.7	176.6	188.5	205.3	220.3
Entertainment commodities.....	113.5	126.3	137.1	152.1	160.4	168.8	177.7	189.3	208.2	225.0
Newspapers.....	119.4	135.8	155.4	174.5	182.1	192.2	200.4	213.7	238.2	264.1
Entertainment services.....	121.0	134.9	143.2	152.4	159.0	166.2	175.4	187.6	201.6	214.0
Other goods and services ¹	116.8	132.5	142.0	153.9	162.7	172.2	183.3	196.7	214.5	232.2
Tobacco products.....	121.2	137.0	143.8	153.9	160.5	168.2	177.3	187.9	202.6	218.2
Personal care.....	113.2	125.2	137.3	150.7	160.5	170.9	182.0	195.8	213.1	230.5
Toilet goods ⁵	110.4	120.0	133.3	150.0	158.5	167.5	176.6	188.7	206.1	226.6
Personal care services.....	116.0	130.6	141.5	151.4	162.5	174.4	187.3	202.7	219.9	234.7
Personal and educational expenses.....	118.2	143.4	151.3	162.4	173.1	184.1	198.0	213.8	236.2	256.8
All services	121.6	139.1	152.1	166.6	180.4	194.3	210.9	234.2	270.3	299.6
Services less rent.....	123.7	141.8	156.0	171.9	186.8	201.6	219.4	244.9	285.1	317.4
Household services less rent ¹	126.4	146.2	165.1	183.6	197.2	212.4	234.7	267.2	319.1	360.4
Transportation services.....	123.1	136.9	141.9	152.7	174.3	188.4	197.4	212.8	242.6	266.8
Medical care services.....	124.2	144.3	159.1	179.1	197.1	216.7	235.4	258.3	287.4	311.7
Other services ¹	117.3	132.6	142.8	153.1	162.3	172.5	184.7	199.8	218.7	235.3
All commodities	113.5	129.9	145.5	158.4	165.2	174.7	187.1	208.4	233.9	251.9
Durable.....	111.8	121.9	130.8	145.5	154.3	163.2	173.9	191.1	210.4	223.9
Nondurable.....	114.0	132.8	151.0	163.2	169.2	178.9	192.0	215.9	245.0	265.8
All commodities less food	112.5	123.5	136.6	149.1	158.6	165.1	174.7	195.1	222.0	239.6
Nondurables less food.....	113.1	124.8	140.9	151.7	158.3	166.5	174.3	198.7	235.2	258.2
Nondurables less food, apparel.....	111.2	123.4	143.8	157.9	165.7	175.3	185.0	218.2	267.1	298.0

¹ Index series underwent a change in definition effective with the 1978 revision. Therefore, these data differ from those previously published. ² Includes housekeeping supplies and services. ³ Includes apparel services. ⁴ Except footwear.⁵ Includes personal care appliances.Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*.

No. 782. ANNUAL PERCENT CHANGES IN CONSUMER PRICES, UNITED STATES AND OECD COUNTRIES: 1965 TO 1980

[Covers member countries of Organisation for Economic Co-operation and Development (OECD). For consumer price indexes for OECD countries, see section 33]

COUNTRY	1965- 1970, avg.	1970- 1975, avg.	1975- 1980, avg.	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
United States.....	4.2	6.7	8.9	5.9	3.3	6.2	11.0	9.1	5.8	6.5	7.7	11.3	13.5
OECD, total.....	4.2	8.5	9.6	5.6	4.7	7.8	13.4	11.3	8.6	8.9	7.9	8.8	12.9
OECD, Europe.....	4.0	9.6	11.3	5.1	6.5	8.7	13.2	13.1	11.0	11.3	9.2	10.6	14.2
Australia.....	3.1	10.2	10.6	3.9	5.8	9.5	15.1	15.1	13.5	12.3	7.9	9.1	10.2
Canada.....	3.8	7.3	8.7	3.3	4.8	7.6	10.8	10.8	7.5	8.0	9.0	9.1	10.1
Japan.....	5.5	11.5	6.5	7.7	4.5	11.7	24.5	11.8	9.3	8.1	3.8	3.6	8.0
New Zealand.....	1.9	10.2	14.8	6.5	6.9	8.2	11.1	14.7	16.9	14.3	12.0	13.8	17.1
Austria.....	3.3	7.3	5.3	4.4	6.3	7.6	9.5	8.4	7.3	5.5	3.6	3.7	6.4
Belgium.....	3.5	8.4	8.4	3.9	5.5	7.0	12.7	12.8	9.2	7.1	4.5	4.5	6.6
Denmark.....	6.4	9.3	10.4	5.8	6.8	9.3	15.3	9.6	9.0	11.1	10.0	9.6	12.3
Finland.....	4.7	11.7	10.7	2.8	7.1	10.7	16.9	17.9	14.4	12.2	7.8	7.5	11.6
France.....	4.3	6.8	10.4	5.2	6.1	7.3	13.7	11.7	9.6	9.4	9.1	10.8	13.3
Germany, Fed. Rep. of.....	2.6	6.1	4.1	3.4	5.5	6.9	7.0	6.0	4.5	3.7	2.7	4.1	5.5
Greece.....	2.5	12.3	16.3	3.2	4.3	15.5	27.0	13.4	13.3	12.1	12.6	19.0	24.8
Ireland.....	5.3	13.3	14.1	8.2	8.7	11.4	17.0	20.9	18.0	13.6	7.6	13.3	18.2
Italy.....	3.0	11.3	16.6	5.0	5.7	10.8	19.1	17.0	16.8	18.4	12.1	14.8	21.2
Luxembourg.....	3.0	7.2	6.1	4.6	5.2	6.1	9.5	10.7	9.8	6.7	3.1	4.5	6.3
Netherlands.....	4.8	8.6	6.0	3.6	7.8	8.0	9.6	10.2	8.8	6.4	4.1	4.2	6.5
Norway.....	4.9	8.4	8.4	10.6	7.2	7.5	9.4	11.7	9.1	9.1	8.1	4.8	10.9
Portugal.....	¹ 5.5	15.1	² 21.2	6.4	10.7	12.9	25.1	15.3	21.1	23.7	14.2	25.9	¹ 16.6
Spain.....	5.1	12.1	18.6	5.7	8.3	11.4	15.7	16.9	17.6	24.5	19.8	15.7	15.4
Sweden.....	4.5	8.0	10.5	7.0	6.0	6.7	9.9	9.8	10.3	11.4	10.0	7.2	15.4
Switzerland.....	3.5	7.7	2.3	3.6	6.7	8.7	9.8	6.7	1.7	1.3	1.1	3.6	4.0
Turkey ¹	8.1	16.6	50.1	7.9	15.4	14.0	23.9	21.2	17.4	26.0	61.9	63.5	94.3
United Kingdom.....	4.6	13.0	14.4	6.4	7.1	9.2	16.0	24.2	16.5	15.8	8.3	13.4	18.0

¹ Excludes rent. ² 1975-79.

Source: Organisation for Economic Co-operation and Development, Paris, France, *Main Economic Indicators*, monthly.

No. 783. CONSUMER PRICE INDEXES FOR ALL URBAN CONSUMERS—U.S. REGIONS: 1969 TO 1980

[December 1977=100. For composition of regions, see fig. 1, inside front cover]

REGION	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
All items:												
Northeast.....	69.1	63.0	66.3	68.9	73.3	81.4	87.9	92.9	98.1	104.3	114.7	129.4
North Central.....	59.8	63.2	65.5	67.5	71.5	79.3	86.2	91.2	97.4	105.3	118.2	134.0
South.....	58.4	61.5	64.0	66.0	70.3	78.8	86.5	91.3	97.4	105.4	117.4	132.9
West.....	58.7	61.7	63.8	65.9	69.7	77.1	85.1	90.2	96.9	105.1	117.3	134.6
Food:												
Northeast.....	55.5	59.0	61.4	63.8	72.5	83.1	89.8	92.8	98.0	107.2	118.0	128.6
North Central.....	55.9	58.7	60.2	62.8	72.2	82.8	88.6	92.0	97.9	108.0	119.8	130.0
South.....	55.1	57.9	59.4	62.1	71.8	80.9	88.8	92.0	98.0	107.9	120.1	130.4
West.....	55.7	58.2	59.8	62.5	71.0	81.1	88.3	90.2	97.1	108.0	120.2	130.2
Housing:												
Northeast.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.3	115.2	132.3
North Central.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	106.1	121.1	140.0
South.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.0	119.0	136.8
West.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.1	117.8	138.5
Population size class:												
Less than 75,000.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.9	116.6	131.3
75,000 to 384,999.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.4	117.8	133.1
385,000 to 1,249,999.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.2	117.8	134.0
1,250,000 to 4,000,000.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.1	117.2	133.5
Over 4,000,000.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.5	115.4	131.1
ANNUAL PERCENT CHANGE												
All items:												
Northeast.....	¹ 5.9	6.6	5.2	3.9	6.4	11.1	8.0	5.7	5.6	6.3	10.0	12.7
North Central.....	¹ 5.5	5.7	3.6	3.1	5.9	10.9	8.7	5.8	6.8	8.1	12.3	13.3
South.....	¹ 6.0	5.3	4.1	3.1	6.5	12.1	9.8	5.5	6.7	8.2	11.4	13.3
West.....	¹ 5.0	5.1	3.4	3.3	5.8	10.6	10.4	6.0	7.4	8.5	11.6	14.8

NA Not available. ¹ Change from 1968.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review* and in *Consumer Price Indexes*.

No. 784. CONSUMER PRICE INDEXES—SELECTED CITIES OR SMSA'S: 1960 TO 1980

[1967=100, except as noted. Annual averages of monthly figures. For coverage details, see headnote, table 779, and text, p. 458. Area is generally the standard metropolitan statistical area (SMSA), exclusive of farms. Los Angeles-Long Beach, Anaheim, Calif. is a combination of two SMSA's, and New York, N.Y.-Northeastern N.J. and Chicago, Ill.-Northwestern Ind. are the more extensive standard consolidated areas. Area definitions are those established by the Office of Management and Budget in 1973, except for Denver-Boulder, Colo. which does not include Douglas County. Definitions do not include revisions made since 1973]

CITY/SMSA	ALL ITEMS									
	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
City average ^{1 2}	88.7	94.5	116.3	125.3	133.1	147.7	161.2	170.5	181.5	195.4
Anchorage, Alaska ³	(NA)	(NA)	(NA)	115.9	120.8	133.9	152.3	164.1	175.0	187.5
Atlanta, Ga.	69.3	94.0	116.5	125.5	133.7	148.5	161.7	169.2	179.6	192.6
Baltimore, Md.	89.1	94.4	117.0	126.3	134.9	152.4	165.2	173.9	185.9	199.6
Boston, Mass.	86.5	94.5	116.7	127.1	134.7	148.7	162.1	174.5	183.4	193.1
Buffalo, N.Y.	(NA)	94.2	116.1	126.6	134.8	149.5	161.8	170.6	181.7	193.0
Chicago, Ill.-Northwestern Ind.	90.7	94.7	116.3	124.3	132.0	146.1	157.6	165.1	175.6	190.7
Cincinnati, Ohio-Ky.-Ind.	90.0	94.4	115.7	124.7	132.1	146.3	160.3	170.1	182.2	199.1
Cleveland, Ohio	90.6	94.7	119.3	126.5	134.1	147.8	160.9	169.0	180.5	193.9
Dallas-Fort Worth, Tex.	(NA)	93.8	117.8	124.9	132.0	145.3	158.2	167.7	180.1	194.0
Denver-Boulder, Colo.	(NA)	(NA)	(NA)	123.4	131.9	146.5	161.3	170.3	184.7	202.1
Detroit, Mich.	88.2	92.6	117.4	126.2	134.5	149.0	160.1	168.8	180.4	194.1
Honolulu, Hawaii	(NA)	94.6	114.2	122.8	128.3	141.9	155.0	162.8	171.0	184.1
Houston, Tex.	89.2	94.8	116.8	125.2	132.3	147.8	164.9	177.3	190.2	208.2
Kansas City, Mo.-Kans.	89.9	95.5	115.8	124.0	130.3	144.2	157.9	165.5	178.3	191.8
Los Angeles-Long Beach-Anaheim, Calif.	88.5	95.7	114.3	122.3	129.2	142.5	157.6	166.0	179.6	192.8
Miami, Fla.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.5
Milwaukee, Wis.	90.2	95.8	115.8	123.7	131.5	144.1	157.0	167.1	177.9	192.3
Minneapolis-St. Paul, Minn.-Wis.	89.0	94.5	117.5	125.5	133.0	148.3	160.9	170.9	183.0	199.7
New York, N.Y.-Northeast, N.J.	87.3	94.3	119.0	131.4	139.7	154.8	166.6	176.3	185.5	196.1
Northeast, Pa.	86.9	94.1	116.3	125.9	134.7	151.1	164.7	170.9	179.9	191.9
Philadelphia, Pa.-N.J.	88.4	94.7	117.8	127.0	135.5	151.6	164.2	172.4	183.5	194.3
Pittsburgh, Pa.	90.5	95.8	116.4	125.3	132.9	147.3	160.0	168.3	179.8	195.5
Portland, Oreg.-Wash.	87.1	94.6	113.2	119.5	127.3	142.8	158.5	167.0	180.2	198.4
St. Louis, Mo.-Ill.	87.7	94.1	115.2	122.3	129.3	142.2	156.1	165.1	176.6	191.5
San Diego, Calif.	(NA)	95.2	115.3	124.4	132.5	147.2	160.8	170.7	182.0	200.1
San Francisco-Oakland, Calif.	87.8	94.7	115.8	124.3	131.5	144.4	159.1	168.0	180.8	197.8
Seattle-Everett, Wash.	87.9	94.5	114.0	119.7	127.5	141.5	155.8	164.5	177.6	194.8
Washington, D.C.-Md.-Va.	87.7	94.1	117.6	126.9	135.0	150.0	161.6	171.1	183.0	197.0
1980										
	1979, all items	All items	Food and beverages	Housing	Fuel and other utilities	Apparel and upkeep	Transportation	Medical care	Entertainment	
City average ^{1 2}	217.4	246.8	248.0	263.3	278.6	178.4	249.7	265.9	205.3	
Anchorage, Alaska ³	207.0	228.2	261.9	226.8	196.4	178.1	224.6	284.1	204.0	
Atlanta, Ga.	212.7	242.5	249.7	254.0	248.8	180.3	240.7	283.3	182.5	
Baltimore, Md.	218.2	250.3	249.3	274.1	275.7	195.5	240.2	265.5	200.5	
Boston, Mass.	212.9	240.0	238.3	246.9	318.0	192.4	269.9	255.5	207.9	
Buffalo, N.Y.	211.3	235.6	242.1	242.7	344.2	201.1	240.2	227.9	196.2	
Chicago, Ill.-Northwestern Ind.	214.6	245.5	251.1	255.7	245.0	157.9	253.5	272.9	221.1	
Cincinnati, Ohio-Ky.-Ind.	223.8	254.0	258.8	268.3	287.8	198.2	234.7	296.9	193.4	
Cleveland, Ohio	219.5	252.9	247.8	268.5	278.8	174.3	238.7	289.0	201.4	
Dallas-Fort Worth, Tex.	218.6	255.6	252.9	276.5	238.9	182.7	259.3	247.3	205.3	
Denver-Boulder, Colo.	233.5	261.5	231.5	304.9	252.2	178.4	248.3	248.4	218.7	
Detroit, Mich.	218.8	253.5	241.9	278.9	286.8	155.6	246.8	297.7	192.1	
Honolulu, Hawaii	204.6	228.5	250.6	216.6	243.1	183.9	223.6	258.6	201.5	
Houston, Tex.	235.7	285.4	265.1	293.5	305.7	211.1	237.5	290.0	206.3	
Kansas City, Mo.-Kans.	219.2	248.1	253.5	263.6	250.8	185.1	245.1	261.1	191.8	
Los Angeles-Long Beach-Anaheim, Calif.	213.7	247.3	240.7	268.0	230.7	169.3	255.2	275.6	183.4	
Miami ⁴	114.8	130.8	130.1	133.4	117.7	116.4	135.5	130.5	115.1	
Milwaukee, Wis.	218.8	251.5	241.1	269.6	281.4	190.9	253.1	270.5	216.0	
Minneapolis-St. Paul, Minn.-Wis.	222.6	247.8	254.4	269.8	284.2	171.2	233.2	242.0	220.1	
New York, N.Y.-Northeast, N.J.	213.1	237.2	245.2	242.4	312.9	170.2	264.7	272.1	206.3	
Northeast, Pa.	210.7	237.1	239.9	251.3	349.7	165.9	244.2	267.7	199.7	
Philadelphia, Pa.-N.J.	213.6	241.4	250.6	249.8	290.9	170.7	256.1	282.2	195.2	
Pittsburgh, Pa.	217.3	247.2	249.9	266.8	250.1	170.1	259.8	265.0	201.1	
Portland, Oreg.-Wash.	225.4	255.4	243.6	281.2	318.7	172.1	239.4	268.1	200.3	
St. Louis, Mo.-Ill.	215.8	244.9	248.1	259.6	239.9	175.0	241.3	245.5	210.3	
San Diego, Calif.	233.1	268.5	246.5	314.7	231.1	176.8	246.7	253.8	198.8	
San Francisco-Oakland, Calif.	214.6	247.3	243.2	264.6	284.1	182.9	254.9	264.6	203.1	
Seattle-Everett, Wash.	216.3	252.1	235.8	281.2	263.4	181.9	235.3	260.6	203.8	
Washington, D.C.-Md.-Va.	218.6	244.7	260.5	249.3	260.4	185.4	248.4	274.8	193.7	

NA Not available. ¹Based on 46 cities for 1960, 50 urban areas for 1965, 56 areas beginning 1970, and 85 areas beginning 1978. Includes medium and small sized cities, not shown separately. ²Excludes Portland, Oreg., until 1978. For 1965, excludes Cincinnati, Ohio-Ky.; Houston, Tex.; Kansas City, Mo.-Kans.; Milwaukee, Wis.; Minneapolis-St. Paul, Minn.; and San Diego, Calif.

³October 1967=100. ⁴November 1977=100.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, and in *Consumer Price Indexes, Detailed Report*.

NO. 785. URBAN BUDGETS FOR A 4-PERSON FAMILY AND FOR A RETIRED COUPLE: 1970 TO 1980

[In dollars. 4-person family refers to annual living costs for a family comprising a 39-year-old employed husband, a wife not employed outside the home, an 8-year-old girl, and a 13-year-old boy. Retired couple refers to a retired husband 65 years old or over and his wife. The 3 budget levels reflect costs of different specified types and amounts of goods and services. Each level provides for average inventories of clothing, housefurnishings, major durables, and other equipment. Metropolitan areas are as defined in 1960-61. For a detailed description of geographic boundaries and definition, see U.S. Office of Management and Budget *Standard Metropolitan Statistical Areas, 1967*.]

ITEM	LOWER BUDGET ¹			INTERMEDIATE BUDGET			HIGHER BUDGET		
	Urban U.S.	Metro. areas	Non-metro. areas ²	Urban U.S.	Metro. areas	Non-metro. areas ²	Urban U.S.	Metro. areas	Non-metro. areas ²
4-PERSON FAMILY									
Total cost, spring 1970.....	6,960	7,061	6,512	10,664	10,933	9,600	15,511	15,971	13,459
Total cost, autumn 1973.....	8,181	8,305	7,626	12,628	12,909	11,363	18,201	18,760	15,708
Total cost, autumn 1974.....	9,198	9,323	8,639	14,333	14,644	12,945	20,777	21,381	18,081
Total cost, autumn 1975.....	9,588	9,720	9,002	15,318	15,638	13,886	22,294	22,940	19,412
Total cost, autumn 1976.....	10,041	10,189	9,382	16,236	16,596	14,825	23,759	24,492	20,466
Total cost, autumn 1977.....	10,481	10,636	9,790	17,106	17,498	15,353	25,202	25,993	21,712
Total cost, autumn 1978.....	11,546	11,695	10,925	18,622	19,082	17,016	27,420	28,186	24,000
Total cost, autumn 1979.....	12,585	12,722	11,972	20,517	20,935	18,851	30,317	31,187	26,432
Cost of consumption, total.....	10,234	10,330	9,802	15,353	15,619	14,167	21,69	21,572	18,825
Food.....	3,911	3,960	3,693	5,044	5,112	4,739	6,360	6,493	5,764
Housing ³	2,409	2,443	2,257	4,594	4,702	4,110	6,971	7,181	6,031
Transportation.....	1,004	953	1,230	1,851	1,882	1,803	2,411	2,458	2,200
Clothing and personal care.....	1,189	1,200	1,137	1,668	1,681	1,606	2,417	2,436	2,331
Medical care.....	1,171	1,202	1,032	1,176	1,207	1,032	1,227	1,258	1,085
Other family consumption.....	550	572	454	1,021	1,055	871	1,684	1,745	1,413
Other costs ⁴	539	542	526	877	887	836	1,478	1,503	1,366
Social security and disability insurance payments.....	781	790	742	1,256	1,279	1,150	1,413	1,313	1,412
Personal income taxes.....	1,032	1,061	902	3,031	3,150	2,498	6,357	6,609	4,829
Total cost, autumn 1980.....	14,044	14,203	13,331	23,134	23,597	21,070	34,409	35,391	30,024
Cost of consumption, total.....	11,243	11,353	10,752	16,969	17,250	15,713	23,266	23,802	20,872
Food.....	4,321	4,372	4,096	5,571	5,642	5,257	7,024	7,165	6,393
Housing ³	2,608	2,652	2,412	5,106	5,220	4,598	7,747	7,969	6,755
Transportation.....	1,160	1,103	1,413	2,116	2,126	2,071	2,751	2,801	2,529
Clothing and personal care.....	1,259	1,271	1,201	1,763	1,779	1,696	2,556	2,576	2,465
Medical care.....	1,298	1,334	1,136	1,303	1,339	1,143	1,359	1,396	1,194
Other family consumption.....	597	621	492	1,109	1,145	946	1,829	1,894	1,537
Other costs ⁴	583	587	569	957	967	913	1,610	1,637	1,491
Social security and disability insurance payments.....	881	894	825	1,427	1,456	1,299	1,608	1,611	1,596
Personal income taxes.....	1,337	1,370	1,185	3,781	3,924	3,146	7,924	8,340	6,065
Percent change—									
Total cost, 1970-1975.....	37.8	37.7	38.2	43.6	43.0	44.6	43.7	43.6	44.2
Total cost, 1975-1980.....	46.5	46.1	48.1	51.0	50.9	51.7	54.3	54.3	54.7
RETIRED COUPLE									
Total cost, spring 1970.....	3,109	3,188	2,872	4,489	4,679	3,917	7,114	7,503	5,949
Total cost, autumn 1973.....	3,763	3,865	3,457	5,414	5,637	4,746	8,043	8,429	6,888
Total cost, autumn 1974.....	4,228	4,332	3,916	6,041	6,278	5,331	8,988	9,379	7,743
Total cost, autumn 1975.....	4,501	4,606	4,189	6,465	6,711	5,728	9,598	10,025	8,320
Total cost, autumn 1976.....	4,895	4,807	4,359	6,738	7,002	5,947	10,048	10,509	8,669
Total cost, autumn 1977.....	5,081	5,202	4,721	7,249	7,530	6,409	10,763	11,255	9,288
Total cost, autumn 1978.....	5,514	5,617	5,206	7,846	8,108	7,083	11,596	12,069	10,182
Total cost, autumn 1979.....	6,023	6,132	5,695	8,562	8,849	7,703	12,669	13,191	11,105
Total cost, autumn 1980.....	6,644	6,762	6,291	8,434	8,747	8,498	13,923	14,487	12,233
Cost of consumption, total.....	6,358	6,471	6,020	8,866	9,160	7,987	12,985	13,410	11,314
Food.....	2,082	2,098	2,033	2,772	2,808	2,663	3,482	3,535	3,352
Housing ³	2,169	2,286	1,819	3,106	3,312	2,489	4,660	5,231	3,764
Transportation.....	487	442	625	950	963	910	1,746	1,789	1,623
Clothing and personal care.....	420	421	420	685	687	661	1,003	993	1,033
Medical care.....	944	951	926	950	956	833	955	961	940
Other family consumption.....	265	274	197	424	455	330	637	601	644
Other cost ⁵	286	291	271	568	586	511	1,037	1,077	919
Percent change—									
Total cost, 1970-1975.....	44.8	44.5	45.9	44.0	43.4	46.2	34.9	33.6	39.9
Total cost, 1975-1980.....	47.6	46.8	50.2	45.9	45.2	48.4	45.1	44.5	47.0

¹ Not intended to represent a minimum or subsistence level. ² Places with 2,500-50,000 population in 1960. ³ Includes the weighted average cost of renter and homeowner shelter, housefurnishings, and household operations. Four-person families in the lower budget are assumed to be renters. A small allowance for lodging away from home city is included in the higher budget. ⁴ Includes gifts, contributions, life insurance, and occupational expenses. ⁵ Includes gifts and contributions and, at the higher level, an allowance for life insurance.

Source: U.S. Bureau of Labor Statistics, *3 Budgets for an Urban Family of Four Persons, 1969-70; Autumn Urban Family Budgets and Comparative Indexes for Selected Urban Areas, annual* (Supplements to Bulletin 1570-5); *3 Budgets for a Retired Couple in Urban Areas of the United States, 1969-70; and 3 Budgets for a Retired Couple, Autumn, annual* (Supplements to Bulletin 1570-6).

**NO. 786. URBAN INTERMEDIATE BUDGET FOR A 4-PERSON FAMILY AND A RETIRED COUPLE—U.S.
COST, 1967 TO 1980, AND FOR SELECTED METROPOLITAN AREAS, 1980**

[In dollars, except percent. See headnote, table 785]

AREA	COST FOR 4-PERSON FAMILY					COST FOR RETIRED COUPLE				
	Total ¹	Food	Housing ²	Transportation	Medical care	Total ¹	Food	Housing ²	Transportation	Medical care
1967, urban U.S.	9,078	2,105	2,230	872	477	3,657	1,048	1,330	382	296
Percent.....	100.0	23.2	24.6	9.6	5.3	100.0	27.2	34.5	9.9	7.7
1970, urban U.S.	10,864	2,452	2,501	912	564	4,489	1,220	1,554	413	370
Percent.....	100.0	23.0	23.5	8.6	5.3	100.0	27.2	34.6	9.2	8.2
1975, urban U.S.	15,318	3,827	3,533	1,279	822	6,465	1,912	2,192	577	555
Percent.....	100.0	25.0	23.1	8.3	5.4	100.0	29.6	33.9	8.9	8.8
1976, urban U.S.	16,236	3,859	3,843	1,403	900	6,738	1,914	2,334	629	574
Percent.....	100.0	23.8	23.7	8.6	5.5	100.0	28.4	34.6	9.3	8.5
1977, urban U.S.	17,106	4,098	4,016	1,472	985	7,249	2,035	2,518	658	680
Percent.....	100.0	24.0	23.5	8.6	5.8	100.0	28.1	34.7	9.1	9.4
1978, urban U.S.	18,622	4,609	4,182	1,572	1,070	7,846	2,299	2,641	701	769
Percent.....	100.0	24.8	22.5	8.4	5.7	100.0	29.3	33.7	8.9	9.8
1979, urban U.S.	20,517	5,044	4,594	1,851	1,176	8,582	2,507	2,862	820	842
Percent.....	100.0	24.6	22.4	9.0	5.7	100.0	29.3	33.4	9.6	9.8
Percent change, urban U.S.:										
1967-1970.....	17.5	16.5	12.2	4.6	18.2	18.4	16.4	16.8	8.1	25.0
1970-1975.....	49.6	56.1	41.3	4.0	45.7	44.0	56.7	41.1	39.7	50.0
1975-1980.....	51.0	45.6	44.5	65.4	58.5	45.9	45.0	42.0	64.6	71.2
1980										
Urban U.S., total ³	23,134	5,571	5,106	2,116	1,303	9,434	2,772	3,106	950	950
Percent.....	100.0	24.1	22.1	9.1	5.6	100.0	29.4	32.9	10.1	10.1
Nonmetropolitan areas ⁴	21,070	5,257	4,588	2,071	1,143	8,498	2,663	2,489	910	933
Metropolitan areas	23,597	5,642	5,220	2,126	1,399	9,747	2,808	3,312	963	956
Atlanta, Ga.....	21,131	5,291	4,187	2,148	1,159	8,759	2,648	2,442	1,079	933
Baltimore, Md.....	23,389	5,386	5,103	2,054	1,241	9,348	2,677	3,037	1,023	924
Boston, Mass.....	27,029	5,818	5,657	2,472	1,197	11,051	2,926	4,377	993	920
Buffalo, N.Y.....	23,995	5,676	5,075	2,255	1,073	9,991	2,867	3,401	1,093	890
Chicago, Ill.-Northwestern Ind.....	23,387	5,633	5,263	2,199	1,426	9,290	2,782	2,995	870	969
Cincinnati, Ohio-Ky.-Ind.....	22,681	5,673	4,708	2,090	1,244	9,240	2,826	2,824	949	948
Cleveland, Ohio.....	23,429	5,605	5,282	2,098	1,299	9,832	2,789	3,317	1,016	913
Dallas, Tex.....	20,766	5,304	4,330	2,193	1,434	9,001	2,608	2,726	1,063	981
Denver, Colo.....	22,813	5,212	4,941	2,182	1,209	9,238	2,596	2,881	1,041	929
Detroit, Mich.....	23,168	5,520	5,230	2,042	1,366	9,553	2,733	3,182	1,017	942
Honolulu, Hawaii.....	28,488	6,952	5,863	2,181	1,400	10,797	3,560	3,427	1,168	967
Houston, Tex.....	21,572	5,484	4,478	2,111	1,526	9,240	2,722	2,826	985	1,011
Kansas City, Mo.-Kans.....	22,504	5,528	4,541	2,240	1,293	9,320	2,738	2,814	1,031	983
Los Angeles-Long Beach, Calif.....	22,500	5,411	4,782	2,200	1,683	9,383	2,682	2,933	1,132	1,037
Milwaukee, Wis.....	24,028	5,391	5,313	2,144	1,285	9,698	2,882	3,283	1,046	949
Minneapolis-St. Paul, Minn.....	23,630	5,510	4,903	2,084	1,111	9,461	2,728	3,115	1,007	896
New York, N.Y.-Northeastern N.J.....	26,749	6,187	6,227	1,944	1,324	10,700	3,099	4,227	678	948
Philadelphia, Pa.-N.J.....	24,364	6,227	5,276	2,058	1,386	9,835	3,093	3,395	847	951
Pittsburgh, Pa.....	22,492	5,741	4,509	2,198	1,192	9,650	2,861	3,078	1,083	944
St. Louis, Mo.-Ill.....	22,248	5,828	4,457	2,223	1,170	9,417	2,898	2,892	1,075	920
San Diego, Calif.....	22,727	5,345	5,072	2,141	1,554	9,107	2,647	2,802	1,081	1,001
San Francisco-Oakland, Calif.....	24,704	5,645	5,534	2,286	1,514	10,108	2,794	3,290	1,176	1,026
Seattle-Everett, Wash.....	23,392	5,550	5,534	2,136	1,450	10,311	2,783	3,652	1,050	983
Washington, D.C.-Md.-Va.....	25,203	5,864	5,430	2,112	1,354	10,269	2,933	3,479	1,047	986

¹ Includes clothing and personal care, other family consumption, gifts and contributions, personal income taxes (except for retired couple in 1975, 1976, 1977, 1978, 1979, and 1980), and, for 4-person families, also basic life insurance, occupational expenses, and social security; not shown separately. ² Includes weighted average cost of renter and homeowner shelter, housefurnishings, and household operations. ³ Procedures used in updating the budgets to 1979 and 1980 differ from procedures used in prior years. As a result of the revision of the Consumer Price Index (CPI) program in January 1978, individual area price changes from autumn 1978 to autumn 1979 and autumn 1979 to autumn 1980 were no longer available for 15 of the 39 family budget metropolitan areas. The urban U.S. average includes estimates for these areas, however, using price data for the appropriate region/population size classes which are available from the CPI. ⁴ Places with population of 2,500-50,000 in 1960.

Source: U.S. Bureau of Labor Statistics, *Autumn Urban Family Budget and Comparative Indexes for Selected Urban Areas*, annual (Suppl. to Bulletin 1570-5); and *Budgets for a Retired Couple, Autumn*, annual (Suppl. to Bulletin 1570-6).

**No. 787. ANNUAL BUDGET COSTS FOR A 4-PERSON FAMILY—PERCENT DISTRIBUTION, 1970 TO 1980,
AND ANNUAL PERCENT CHANGE, 1967 TO 1980**

[As of autumn. See headnote, table 785. For definition of average annual percent change, see Guide to Tabular Presentation]

ITEM	LOWER BUDGET			INTERMEDIATE BUDGET			HIGHER BUDGET		
	1970	1975	1980	1970	1975	1980	1970	1975	1980
PERCENT DISTRIBUTION									
Total cost	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total consumption.....	79.8	81.3	80.1	76.9	76.5	73.4	73.2	72.4	67.6
Food	27.3	30.8	30.8	22.9	25.0	24.1	19.9	21.6	20.4
Housing	20.5	19.4	18.6	23.4	23.1	22.1	24.4	24.0	22.5
Transportation	7.3	7.3	8.3	8.6	8.3	9.1	7.6	7.4	8.0
Clothing, personal care.....	11.6	10.6	9.0	10.7	9.4	7.6	10.7	9.3	7.4
Medical care	8.1	8.5	9.2	5.3	5.4	5.6	3.8	3.8	3.9
Other	5.0	4.7	4.3	6.0	5.4	4.8	6.8	6.1	5.3
Other items.....	4.9	4.5	4.2	5.1	4.6	4.1	5.8	5.3	4.7
Social security	5.0	6.0	6.3	3.6	5.4	6.2	2.5	3.8	4.7
Personal income taxes	10.3	8.1	9.5	14.4	13.4	16.3	18.5	18.5	23.0
AVERAGE ANNUAL PERCENT CHANGE									
Total cost	1967-1970	1970-1975	1975-1980	1967-1970	1970-1975	1975-1980	1967-1970	1970-1975	1975-1980
Total cost	5.6	6.6	7.9	5.5	7.5	8.6	5.9	7.5	9.1
Total consumption.....	4.5	7.0	7.6	4.4	7.4	7.7	4.4	7.3	7.6
Food	5.0	9.2	7.9	5.2	9.3	7.8	6.1	9.3	7.8
Housing	3.1	5.4	7.0	3.9	7.2	7.6	4.1	7.3	7.7
Transportation	4.2	6.8	10.6	1.5	7.0	10.6	1.6	7.0	10.7
Clothing, personal care.....	4.9	4.8	4.3	4.9	4.7	4.2	4.6	4.7	4.2
Medical care	5.8	7.8	9.7	5.7	7.8	9.7	5.8	7.8	9.7
Other	5.4	5.3	6.0	5.0	5.4	5.9	3.0	5.4	5.9
Other items.....	2.9	4.9	6.0	3.2	5.4	6.4	3.5	5.5	6.4
Social security	9.2	10.8	8.8	8.5	16.6	11.3	8.5	16.8	13.8
Personal income taxes	15.0	1.7	11.4	13.0	6.1	13.0	13.5	7.5	13.9

Source: U.S. Bureau of Labor Statistics, *3 Budgets for an Urban Family of Four Persons*, press releases, and Bulletin No. 1570-5.

**No. 788. URBAN INTERMEDIATE BUDGET FOR SELECTED METROPOLITAN AREAS, BY SIZE AND TYPE
OF UNIT: 1980**

[See headnote, table 785, and text, p. 458. Includes only the cost of goods and services for family consumption. Excludes social security and disability insurance payments, personal income taxes, gifts, contributions, life insurance, and occupational expenses]

STANDARD METROPOLITAN STATISTICAL AREA (Based on 1980 census definition)	Single person under 35 years	HUSBAND AND WIFE UNDER 35 YEARS OLD			HUSBAND AND WIFE 35-54 YEARS OLD		
		No children	1 child under 6 years	2 children under 6 years	1 child, 6-15 years	2 children, oldest 6-15 yr.	3 children, oldest 6-15 yr.
Urban U.S.	\$5,940	\$8,310	\$10,520	\$12,220	\$13,910	\$16,969	\$19,680
Atlanta, Ga.....	5,520	7,730	9,780	11,360	12,930	15,772	18,300
Baltimore, Md.....	5,850	8,200	10,370	12,040	13,720	16,728	19,400
Boston, Mass.....	6,730	9,430	11,930	13,850	15,780	19,240	22,320
Buffalo, N.Y.....	5,990	8,390	10,610	12,330	14,040	17,120	19,860
Chicago, Ill.-Northwestern Ind.....	6,100	8,540	10,800	12,550	14,290	17,424	20,210
Cincinnati, Ohio-Ky.-Ind.....	5,680	8,200	10,370	12,050	13,720	16,732	19,410
Cleveland, Ohio.....	6,090	8,530	10,780	12,530	14,270	17,408	20,190
Dallas, Tex.....	5,640	7,890	9,990	11,600	13,210	16,107	18,680
Detroit, Mich.....	5,950	8,330	10,540	12,240	13,940	17,000	19,720
Honolulu, Hawaii.....	6,840	9,580	12,120	14,070	16,030	19,546	22,670
Houston, Tex.....	5,830	8,160	10,320	11,990	13,660	16,653	19,320
Kansas City, Mo.-Kans.....	5,840	8,170	10,340	12,010	13,670	16,676	19,340
Los Angeles-Long Beach, Calif.....	5,870	8,210	10,390	12,070	13,750	16,763	19,450
Milwaukee, Wis.....	6,000	8,400	10,630	12,350	14,060	17,150	19,890
Minneapolis-St. Paul, Minn.....	5,800	8,120	10,280	11,930	13,590	16,576	19,230
New York, N.Y.-Northeastern N.J.....	6,500	9,090	11,510	13,360	15,220	18,561	21,530
Philadelphia, Pa.-N.J.....	6,100	8,530	10,800	12,540	14,280	17,417	20,200
Pittsburgh, Pa.....	5,770	8,080	10,230	11,870	13,520	16,492	19,130
St. Louis, Mo.-Ill.....	5,780	8,090	10,240	11,890	13,540	16,518	19,160
San Diego, Calif.....	5,920	8,290	10,490	12,180	13,870	16,914	19,620
San Francisco-Oakland, Calif.....	6,340	8,880	11,230	13,040	14,860	18,117	21,020
Seattle-Everett, Wash.....	6,260	8,770	11,090	12,980	14,670	17,888	20,750
Washington, D.C.-Md.-Va.....	6,220	8,710	11,020	12,790	14,570	17,778	20,610

Source: U.S. Bureau of Labor Statistics, *Revised Equivalence Scale: For Estimating Equivalent Incomes or Budget Costs, by Family Type*, (1570-2).

NO. 789. RETAIL PRICE INDEXES OF FOOD—SELECTED AREAS: 1970 TO 1981

[1967 = 100. See headnote, table 784 and text, p. 458 regarding SMSA's]

SMSA	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981, May
Total food^{1,2}	114.9	141.4	161.7	175.4	180.8	192.2	211.4	234.5	254.6	272.5
Anchorage, Alaska	(NA)	124.4	145.7	167.6	174.2	185.8	204.1	227.2	242.2	250.4
Atlanta, Ga.	114.8	144.0	165.6	181.8	185.8	196.4	215.5	238.2	257.3	² 276.8
Baltimore, Md.	117.4	143.8	164.4	178.2	184.3	195.9	215.2	235.8	254.9	270.2
Boston, Mass.	114.9	140.1	161.3	175.2	183.1	190.9	206.7	229.0	245.3	259.5
Buffalo, N.Y.	116.2	141.0	160.1	173.6	178.6	189.2	206.1	226.8	246.1	² 268.1
Chicago, Ill.—Northwestern Ind.	115.4	142.7	161.6	175.1	180.1	191.0	213.5	236.8	258.2	270.3
Cincinnati, Ohio-Ky.	114.9	142.9	163.6	177.4	184.0	197.8	218.1	244.4	265.3	286.4
Cleveland, Ohio	117.5	142.1	161.1	175.8	185.9	196.1	213.6	236.3	254.2	² 272.2
Dallas, Tex.	114.8	140.1	157.9	172.5	176.9	191.3	209.4	235.8	257.7	² 278.1
Denver-Boulder, Colo.	(NA)	135.9	155.6	171.4	175.8	190.8	208.0	230.1	238.0	256.9
Detroit, Mich.	115.2	143.6	164.1	171.6	175.6	186.4	205.5	226.5	245.2	262.7
Honolulu, Hawaii	114.1	135.2	159.7	176.7	183.0	193.0	212.8	239.8	259.9	² 284.6
Houston, Tex.	115.5	143.3	164.9	181.2	187.6	196.8	218.7	248.3	270.6	² 293.9
Kansas City, Mo.-Kans.	116.1	141.4	162.5	177.8	180.8	193.0	215.4	239.2	259.8	² 276.6
Los Angeles-Long Beach, Calif.	112.2	136.5	156.3	170.1	173.5	185.8	206.7	229.5	248.7	267.6
Milwaukee, Wis.	113.1	138.4	158.1	171.9	180.0	189.9	210.5	234.9	250.7	272.9
Minneapolis-St. Paul, Minn.	116.5	142.0	163.6	178.9	186.6	196.7	217.3	244.4	264.8	² 277.3
New York, N.Y.—Northeast, N.J.	117.9	145.4	166.1	179.6	185.4	195.4	212.8	232.6	253.9	275.1
Northeast, Pennsylvania	115.7	141.9	161.7	172.9	178.4	189.5	207.2	228.1	248.1	261.9
Philadelphia, Pa.—N.J.	115.8	142.7	165.2	179.6	186.2	198.4	218.2	239.7	259.1	275.8
Pittsburgh, Pa.	115.6	141.7	164.2	177.4	181.1	193.6	212.6	233.5	254.5	² 272.3
Portland, Oreg.	110.9	133.7	154.5	168.4	177.3	188.8	207.7	233.6	250.3	269.0
St. Louis, Mo.-Ill.	115.4	140.2	159.7	174.3	180.5	192.8	210.4	234.7	252.3	268.4
San Diego, Calif.	113.6	139.6	159.6	173.7	179.2	190.5	212.2	236.0	257.8	273.8
San Francisco-Oakland, Calif.	112.5	138.0	155.6	171.2	173.9	187.4	207.4	233.1	250.4	² 267.7
Seattle, Wash.	113.5	138.3	155.8	169.6	175.0	187.9	204.1	225.4	243.2	261.1
Washington, D.C.-Md.-Va.	117.3	145.5	166.9	180.7	186.5	199.7	219.8	245.7	264.1	279.1

NA Not available. ¹1970 to 1977 based on 56 areas; beginning 1978, 85 areas. ²Excludes Portland, Oregon through 1978. ³April data.

Source: U.S. Bureau of Labor Statistics, *The Consumer Price Index, Detailed Report*, monthly.

NO. 790. WEEKLY FOOD COST FOR FAMILIES, BY TYPE OF FAMILY: 1975 TO 1981

[In dollars. Based on moderate-cost food plan; assumes all meals are eaten at home or taken from home]

URBAN FAMILY TYPE	1975, Dec.	1976, Dec.	1977, Dec.	1978, Dec.	1979, Dec.	1980		1981	
						May	Dec.	March	May
Couple, 20-54 years old	37.10	36.60	39.70	43.20	47.50	48.90	52.00	53.00	52.80
Couple, 55 years and over	32.40	32.10	35.00	37.90	41.80	43.10	45.90	47.00	46.50
Couple with children:									
1 child, 1-5 years old	44.90	44.40	47.80	52.10	57.30	59.10	62.90	64.20	63.90
1 child, 15-19 years old	53.50	52.80	56.70	62.00	68.00	70.20	74.80	76.30	76.00
2 children, 1-5 years old	51.80	51.30	54.80	60.00	65.90	68.10	72.60	74.10	73.80
2 children, 6-11 years old	63.00	62.10	66.60	72.70	79.90	82.60	88.10	90.10	89.70
2 children, 12-19 years old	67.20	66.30	71.00	77.60	85.20	88.10	93.80	96.00	95.60

Source: U.S. Dept. of Agriculture, Science and Education Administration. Through June 1978, *Food and Home Notes*, weekly; thereafter, *News Feature*, weekly.

NO. 791. WEEKLY FOOD COST FOR FAMILIES, BY COST LEVEL AND REGION: 1981

[In dollars. As of March. Based on costs of food plans as estimated by using average price per pound of each food group paid by urban survey families at selected food cost levels in 1965-66. Prices adjusted to March 1981 level. For composition of regions, see fig. 1, inside front cover.]

REGION AND URBAN FAMILY TYPE	Low level	Moderate level	Liberal level	REGION AND URBAN FAMILY TYPE	Low level	Moderate level	Liberal level
Northeast:				South:			
Couple, 20-54 years old	44.50	57.20	69.00	Couple, 20-54 years old	42.60	53.00	62.90
Couple, 55 years and over	39.50	50.30	60.50	Couple, 55 years and over	37.70	46.40	55.00
4-person families:				4-person families:			
With preschool children ¹	62.30	79.60	96.00	With preschool children ¹	59.50	73.70	87.50
With school children ²	75.50	96.80	116.70	With school children ²	72.10	89.70	106.60
North Central:				West:			
Couple, 20-54 years old	43.70	53.70	64.90	Couple, 20-54 years old	43.00	53.90	65.00
Couple, 55 years and over	38.90	47.40	57.30	Couple, 55 years and over	38.40	47.40	57.20
4-person families:				4-person families:			
With preschool children ¹	61.50	75.30	90.80	With preschool children ¹	60.70	75.50	91.30
With school children ²	74.50	91.60	110.60	With school children ²	73.70	92.00	111.30

¹Couple, 20-54 years; children, 1-2 and 3-5 years. ²Couple, 20-54 years; children, 6-8 and 9-11 years.

Source: U.S. Dept. of Agriculture, Science and Education Administration, *Family Economics Review*, Summer 1981.

NO. 792. INDEXES OF RESIDENTIAL RENTS IN SELECTED SMSA'S: 1970 TO 1981

[1967=100. Annual averages of monthly figures, except as indicated]

SMSA ¹	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981, May
Anchorage, Alaska (Oct. 1967=100).....	(NA)	112.1	114.4	125.5	143.2	152.9	160.4	161.1	158.3	165.9
Atlanta, Ga.....	109.9	120.3	125.1	129.0	131.2	135.3	140.0	152.3	168.2	² 186.7
Baltimore, Md.....	106.9	116.1	121.3	127.4	135.5	143.9	154.6	163.5	173.8	187.7
Boston, Mass.....	115.4	136.2	142.9	149.6	166.7	162.2	174.2	183.0	198.0	218.7
Buffalo, N.Y.....	109.3	126.3	132.3	140.8	149.3	156.8	162.7	169.2	177.2	² 184.1
Chicago, Ill.-Northwestern Ind.....	107.6	121.6	127.6	132.8	137.7	142.7	150.6	160.6	172.2	184.2
Cincinnati, Ohio-Ky.....	105.7	111.6	115.4	120.1	124.0	133.4	142.9	155.2	169.1	184.9
Cleveland, Ohio.....	107.5	115.0	118.6	123.7	130.8	139.8	149.7	158.9	170.9	² 176.0
Dallas, Tex.....	110.1	113.4	116.9	122.1	129.2	140.3	155.5	172.6	191.2	² 209.6
Denver-Boulder, Colo.....	(NA)	121.5	127.3	130.3	133.5	139.7	153.2	168.8	186.8	201.2
Detroit, Mich.....	111.5	124.2	129.8	135.9	141.5	150.8	162.6	176.5	194.1	205.0
Honolulu, Hawaii.....	118.1	133.1	142.9	150.4	156.8	163.5	174.1	187.3	206.1	² 220.2
Houston, Tex.....	106.9	112.3	116.1	125.3	140.1	155.8	163.0	172.1	182.8	² 191.7
Kansas City, Mo.-Kans.....	106.3	112.6	115.3	119.2	124.0	131.3	139.6	149.2	160.3	² 169.8
Los Angeles-Long Beach, Calif.....	111.9	121.9	128.0	134.6	144.3	151.2	171.7	188.5	211.3	232.8
Milwaukee, Wis.....	109.8	122.7	128.8	136.9	144.1	152.5	159.6	168.7	179.6	193.3
Minneapolis-St. Paul, Minn.....	114.2	128.8	126.9	132.8	141.5	150.6	160.5	175.8	195.2	² 215.9
New York, N.Y.-Northeast N.J.....	110.9	136.6	145.0	153.7	162.5	171.4	180.1	188.7	202.5	214.5
Northeast, Pennsylvania.....	113.1	133.1	143.2	155.9	166.3	178.2	186.2	207.2	220.7	227.4
Philadelphia, Pa.-N.J.....	112.5	129.6	136.7	146.4	155.7	166.1	174.4	182.4	194.5	206.9
Pittsburgh, Pa.....	109.0	119.7	123.6	129.0	137.0	149.2	162.7	173.9	185.3	² 194.3
Portland, Oreg.-Wash.....	109.3	121.5	127.9	135.8	145.2	157.9	172.6	188.5	202.6	215.7
St. Louis, Mo.-Ill.....	105.6	110.2	112.7	116.1	120.4	127.0	136.8	149.0	165.6	177.6
San Diego, Calif.....	123.6	136.9	141.8	148.7	158.3	170.2	185.6	205.5	225.3	243.4
San Francisco-Oakland, Calif.....	119.3	133.2	138.7	144.8	153.3	164.7	177.3	190.3	214.3	² 234.7
Seattle, Wash.....	109.1	108.5	118.1	130.8	141.1	153.6	168.0	195.1	226.1	240.7
Washington, D.C.-Md.-Va.....	109.4	124.3	131.6	140.3	149.0	158.4	168.0	181.2	197.2	213.4

NA Not available. ¹ See headnote, table 784 and text, page 458. ² April data.

NO. 793. CONSUMER PRICE INDEXES OF FUELS AND UTILITIES: 1965 TO 1981

[1967=100. Represents all urban consumers. A therm=100,000 Btu's. Annual averages for cities combined. See text, p. 458. See also *Historical Statistics, Colonial Times to 1970*, series E 203-211]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981, May
Consumer price index, all items.....	94.5	116.3	133.1	147.7	161.2	170.5	181.5	195.4	217.4	246.8	269.0
Fuels and other utilities.....	98.3	107.6	126.9	150.2	167.8	182.7	202.2	216.0	239.3	278.6	314.9
Gas (piped) and electricity.....	99.4	107.3	126.4	145.8	169.6	189.0	213.4	232.8	257.8	301.8	339.6
Utility (piped) gas.....	99.6	108.5	127.9	143.9	172.5	201.2	239.3	263.1	305.3	363.9	416.5
Gasoline, regular and premium.....	94.9	105.6	118.1	159.9	170.8	177.9	188.2	196.3	285.6	369.1	416.5
Electricity (composite).....	99.1	106.2	124.9	147.5	167.7	177.6	189.3	203.4	219.1	253.4	281.9
Fuel oil, coal, and bottled gas.....	94.6	110.1	136.0	214.8	235.3	250.8	283.4	298.3	403.1	556.0	685.8
Fuel oil No. 2.....	94.4	109.3	134.5	213.0	230.6	247.2	280.2	296.9	416.8	579.7	720.6
Telephone services, residential.....	100.8	102.5	116.5	121.4	125.3	129.8	131.3	132.8	132.4	135.7	144.0
Water and sewer service, residential.....	94.4	120.4	146.1	154.8	169.9	188.7	209.1	232.6	243.3	259.8	282.3

Source of tables 792 and 793: U.S. Bureau of Labor Statistics, *Monthly Labor Review*.

NO. 794. AVERAGE PRICE OF RESIDENTIAL UTILITY (PIPED) GAS, ELECTRICITY, AND FUEL OIL NO. 2, SELECTED AREAS: 1975 AND 1980

[In dollars per unit shown. One therm contains approximately 100 cubic feet of natural gas. As of January. 1975 not strictly comparable to 1980 due to revised methodology. For complete SMSA titles, see Appendix II]

AREA	UTILITY (PIPED) GAS (100 therms)		ELECTRICITY (500 kWh)		FUEL OIL No. 2 (gallon)		AREA	UTILITY (PIPED) GAS (100 therms)		ELECTRICITY (500 kWh)		FUEL OIL No. 2 (gallon)	
	1975	1980	1975	1980	1975	1980		1975	1980	1975	1980	1975	1980
U.S. city average.....	13.79	13.49	(NA)	26.70	.378	.929	L.A.-Long Beach- Anahelm.....	(NA)	27.07	19.85	28.40	(NA)	(NA)
Anchorage.....	13.79	13.49	(NA)	26.70	.378	.929	Miami.....	(NA)	45.41	(NA)	24.53	(NA)	(NA)
Atlanta.....	12.18	36.31	15.74	23.44	(NA)	(NA)	Milwaukee.....	15.15	36.15	16.23	21.50	.364	.909
Baltimore.....	20.17	37.89	25.47	28.15	.367	.857	Minneapolis-St. Paul.....	13.54	32.35	18.89	24.23	.354	.918
Boston.....	25.38	49.43	23.70	30.51	.393	.922	New York.....	22.93	51.23	36.51	44.11	.402	.953
Buffalo.....	18.54	39.25	19.09	23.80	.416	.950	Northeast.....	(NA)	39.75	(NA)	23.06	(NA)	.866
Chicago.....	14.32	37.51	18.58	27.47	.342	.958	Philadelphia.....	20.09	40.71	27.18	31.86	.380	.895
Cincinnati.....	13.28	34.17	17.71	23.23	(NA)	.918	Pittsburgh.....	14.18	31.26	20.75	27.28	(NA)	(NA)
Cleveland.....	12.29	35.42	20.40	29.85	(NA)	(NA)	Portland.....	(NA)	49.48	(NA)	18.77	(NA)	.921
Dallas.....	9.14	27.49	(NA)	25.80	(NA)	(NA)	St. Louis.....	14.54	37.79	17.83	23.33	.375	(NA)
Denver-Boulder.....	31.88	(NA)	(NA)	(NA)	(NA)	(NA)	San Diego.....	(NA)	29.64	17.93	30.96	(NA)	(NA)
Detroit.....	13.50	39.91	19.82	26.52	.351	.918	San Francisco.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Honolulu.....	(NA)	125.95	17.34	36.41	(NA)	(NA)	Oakland.....	12.91	25.12	14.81	20.58	(NA)	(NA)
Houston.....	14.99	33.38	14.33	28.00	(NA)	(NA)	Seattle-Everett.....	18.86	48.12	6.93	10.80	.407	.985
Kansas City.....	9.29	24.58	19.22	26.04	(NA)	(NA)	Wash., D.C.....	20.43	42.50	22.32	28.40	.382	.946

NA Not available. ¹ Excludes Honolulu. ² Includes Ft. Worth. ³ Price is for propane only.Source: U.S. Bureau of Labor Statistics, *Consumer Prices: Energy*, monthly.

**NO. 795. AVERAGE RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL MONTHLY BILLS FOR ELECTRICITY:
1970 TO 1980**

[Residential, for cities of 2,500 or more population; commercial and industrial, for 455 large cities in United States and Puerto Rico with estimated total population of 77.0 million as of January 1, 1980. Composite average as of January 1, using latest available population weights. kW=kilowatts; kWh=kilowatthours]

ITEM	1970	1975	1979	1980, prel.	ITEM	1970	1975	1979	1980, prel.
RESIDENTIAL					COMMERCIAL—CON.				
Average bill, dollars:					Average bill, cents per kWh:				
500 kWh.....	10.51	17.93	23.05	27.50	6 kW, 750 kWh.....	3.6	5.5	6.8	7.6
750 kWh.....	14.22	24.72	32.72	38.93	12 kW, 1,500 kWh.....	3.4	5.6	6.9	7.6
1,000 kWh.....	18.31	32.29	43.12	48.76	30 kW, 6,000 kWh.....	2.7	4.5	5.7	6.4
					40 kW, 10,000 kWh.....	2.4	4.1	5.2	5.9
Average bill, cents per kWh:					INDUSTRIAL				
500 kWh.....	2.1	3.6	4.6	5.5	Average bill, dollars:				
750 kWh.....	2.0	3.3	4.4	4.9	150 kW, 30,000 kWh.....	648	1,157	1,531	1,757
1,000 kWh.....	1.8	3.2	4.3	4.9	300 kW, 60,000 kWh.....	1,183	2,199	2,975	3,431
COMMERCIAL					1,000 kW, 200,000 kWh.....	3,492	6,888	9,408	10,910
Average bill, dollars:					Average bill, cents per kWh:				
6 kW, 750 kWh.....	27	41	51	57	150 kW, 30,000 kWh.....	2.2	3.9	5.1	5.9
12 kW, 1,500 kWh.....	52	83	103	114	300 kW, 60,000 kWh.....	2.0	3.7	5.0	5.7
30 kW, 6,000 kWh.....	183	289	344	385	1,000 kW, 200,000 kWh.....	1.8	3.4	4.7	5.5
40 kW, 10,000 kWh.....	240	406	521	590					

**NO. 796. NET MONTHLY RESIDENTIAL ELECTRIC BILLS (RANGE OF LOWEST TO HIGHEST) FOR 500
KILOWATTHOURS USE, 1970 TO 1980, AND BY STATES, 1980**

[In dollars. Based on rates as of January 1 for communities of 2,500 inhabitants or more]

YEAR AND STATE	Lowest bill	Highest bill	STATE	Lowest bill	Highest bill	STATE	Lowest bill	Highest bill
1970.....	4.25	25.00	Georgia.....	14.55	34.18	New Mexico.....	19.50	34.26
1971.....	4.25	28.00	Hawaii.....	36.41	64.47	New York.....	6.45	49.80
1972.....	4.25	30.37	Idaho.....	10.04	26.86	North Carolina.....	7.00	38.83
1973.....	4.25	30.37	Illinois.....	16.00	34.71	North Dakota.....	12.45	27.82
1974.....	4.25	30.37	Indiana.....	15.47	31.16	Ohio.....	17.56	36.93
1975.....	5.10	41.14	Iowa.....	16.00	34.11	Oklahoma.....	19.45	38.50
1976.....	4.68	41.13	Kansas.....	17.95	39.42	Oregon.....	6.58	17.77
1977.....	4.68	41.13	Kentucky.....	12.70	22.54	Pennsylvania.....	16.00	37.34
1978.....	4.68	47.14	Louisiana.....	11.00	39.95	Rhode Island.....	30.11	36.69
1979.....	4.68	55.97	Maine.....	19.47	29.80	South Carolina.....	15.28	29.00
1980 ¹	5.84	64.47	Maryland.....	21.00	37.36	South Dakota.....	12.30	32.53
Alabama.....	12.70	28.20	Massachusetts.....	21.19	46.89	Tennessee.....	12.70	24.75
Alaska.....	19.79	42.50	Michigan.....	15.32	32.38	Texas.....	11.59	35.25
Arizona.....	23.61	35.83	Minnesota.....	12.06	36.50	Utah.....	11.42	33.12
Arkansas.....	11.84	28.04	Mississippi.....	12.70	33.10	Vermont.....	19.07	35.40
California.....	9.39	41.75	Missouri.....	14.49	35.75	Virginia.....	13.95	37.31
Colorado.....	10.29	28.80	Montana.....	11.66	21.34	Washington.....	5.84	13.59
Connecticut.....	28.91	37.25	Nebraska.....	17.85	31.55	West Virginia.....	20.57	27.44
Delaware.....	26.48	41.63	Nevada.....	10.60	33.93	Wisconsin.....	13.50	32.50
District of Columbia.....	20.09	20.09	New Hampshire.....	24.59	36.08	Wyoming.....	13.66	29.40
Florida.....	18.06	43.60	New Jersey.....	28.69	44.68			

¹ Beginning in 1980, the bill does not include water heating usage.

Source of tables 795 and 796: Through 1975, U.S. Federal Power Commission, *Typical Electric Bills*, annual; thereafter, U.S. Energy Information Administration, *Typical Electric Bills*.

NO. 797. AVERAGE PRICES OF SELECTED FUELS AND UTILITIES: 1970 TO 1981

[Represents retail price, except as noted]

ITEM	Unit	1970	1973	1975	1976	1977	1978	1979	1980	1981, May
Crude oil, composite ¹	Dol. per bbl.....	3.40	4.15	10.38	10.89	11.86	12.46	17.72	28.07	36.11
Gasoline, average retail: ²										
Leaded regular.....	Cents per gal.....	35.7	38.8	56.7	59.0	62.2	62.6	85.7	119.1	133.3
Unleaded regular.....	Cents per gal.....	(NA)	(NA)	(NA)	61.4	65.6	67.0	90.3	124.5	140.0
Leaded premium.....	Cents per gal.....	(NA)	(NA)	60.9	63.6	67.4	69.4	92.2	128.1	144.7
No. 2 heating oil, residential.....	Cents per gal.....	18.5	22.8	37.7	40.6	45.0	49.4	65.6	97.8	122.7
Diesel fuel No. 2.....	Cents per gal.....	(NA)	(NA)	(NA)	34.7	39.3	40.2	62.4	87.3	106.8
Natural gas.....	Cents per 1,000 cu. ft.....	92.0	108.2	154.2	184.6	226.4	262.6	323.1	391.5	457.1
Residual fuel oil.....	Dol. per bbl.....	(NA)	(NA)	(NA)	11.49	13.23	12.75	18.67	26.09	34.11
Electric utilities, residential.....	Cents per kWh.....	2.22	2.54	3.51	3.73	4.05	4.31	4.64	5.36	6.27

NA Not available. ¹ Refiner acquisition cost. ² Full-service.

Source: U.S. Energy Information Administration, *Monthly Energy Review*.



This section relates primarily to Presidential, congressional, and gubernatorial elections. Also presented are summary tables on congressional legislation, Black and female officeholders, population of voting age, voter participation, and campaign finances.

Official statistics on Federal elections, collected by the Clerk of the House, are published biennially in *Statistics of the Presidential and Congressional Election* and *Statistics of the Congressional Election*. Federal and State elections data appear also in *America Votes*, a biennial volume of the Elections Research Center, Washington, D.C. Federal elections data also appear in the U.S. Congress, *Congressional Directory*, and in official State documents. Data on reported registration and voting are obtained by the U.S. Bureau of the Census as part of the Current Population Survey (CPS) and are published in *Current Population Reports*, series P-20 (see text, p. 1).

Almost all Federal, State, and local governmental units in the United States conduct elections at various intervals for different offices and other purposes. The conduct of elections is regulated by State laws or, in some cities and counties, by local charter. An exception is that the U.S. Constitution prescribes the basis of representation in Congress and the manner of electing the President, and grants to Congress the right to regulate the times, places, and manner of electing Federal officers. Amendments to the Constitution have prescribed national criteria for voting eligibility. The 15th Amendment, adopted in 1870, gave all citizens the right to vote regardless of race, color, or previous condition of servitude. The 19th Amendment, adopted in 1919, further extended the right to vote to all citizens regardless of sex. The payment of poll taxes as a prerequisite to voting in Federal elections was banned by the 24th Amendment in 1964. In 1971, as a result of the 26th Amendment, eligibility to vote in national elections was extended to all citizens, age 18 and over.

Presidential election.—The Constitution specifies how the President and Vice President are selected. Each State elects, by popular vote, a group of electors equal in number to its total of members of Congress. Subsequent to the election, the electors meet in their respective States to vote for President and Vice President. Usually, each elector votes for the candidate receiving the most popular votes in his or her State. A majority vote of all electors is necessary to elect the President and Vice President. If no candidate receives a majority, the House of Representatives, with each State having one vote, is empowered to elect the President and Vice President, again, with a majority of votes required.

The 22d Amendment to the Constitution, adopted in 1951, limits presidential tenure to 2 elective terms of 4 years each, or to 1 elective term for any person who, upon succession to the Presidency, has held the office or acted as President for more than 2 years. The 23d Amendment, adopted in 1961, grants the District of Columbia 3 presidential electors, a number equal to that of the least populous State.

Congressional election.—The Constitution provides that Representatives be apportioned among the States according to their population; that a census of population be taken every 10 years as a basis for apportionment; and that each State have at least 1 Representative. At the time of each apportionment, Congress decides what the total number of Representatives will be. Since 1912, the total has been 435, except during 1960 to 1962 when it increased to 437, adding 1 Representative each for Alaska and Hawaii. The total reverted to 435 after reapportionment following the 1960 census. Members are elected for 2-year terms, all terms covering the same period. The District of Columbia elects one nonvoting delegate.

The Senate is composed of 100 members, 2 from each State, who are elected to serve for a term of 6 years. One-third of the Senate is elected every 2 years. Senators were originally chosen

by the State legislatures. The 17th Amendment to the Constitution, adopted in 1913, prescribed that Senators be elected by popular vote.

Voter eligibility and participation.—The Census Bureau publishes estimates of the population of voting age and the percent casting votes in each State for Presidential and congressional election years. Voting-age population estimates include a number of persons who meet the age requirement but are not eligible to vote (for example, aliens and institutionalized persons). Since 1964, voter participation and voter characteristics data based on the CPS (see above) conducted during November of election years have also been issued biennially.

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

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

NO. 798. VOTE CAST FOR PRESIDENT, BY POLITICAL PARTIES: 1920 TO 1980

[Prior to 1960, excludes Alaska and Hawaii; prior to 1964, excludes District of Columbia. Vote cast for major party candidates includes the votes of minor parties cast for those candidates. See also *Historical Statistics, Colonial Times to 1970*, series Y 79-83 and Y 135]

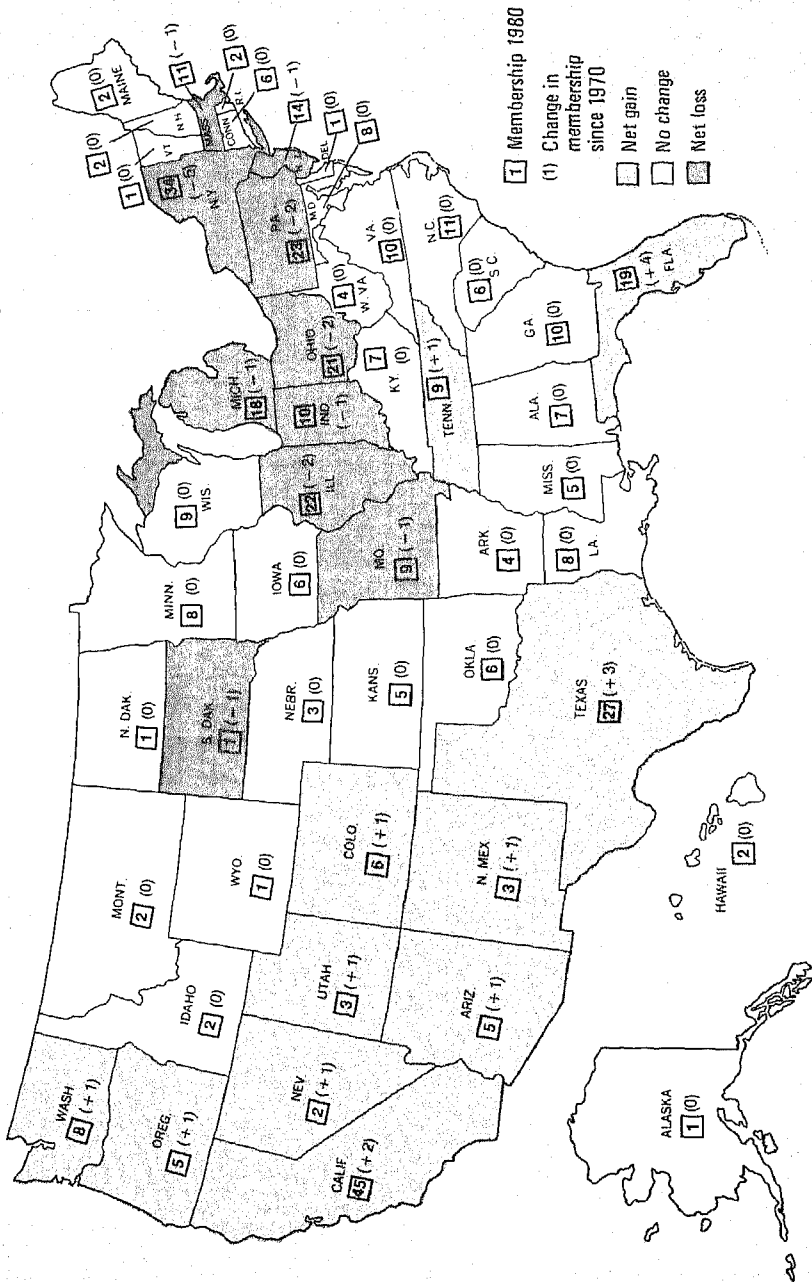
YEAR	CANDIDATES FOR PRESIDENT		Total popular vote ¹	VOTE CAST FOR PRESIDENT—Con.					
	Democratic	Republican		Democratic			Republican		
				Popular vote		Elec- toral vote	Popular vote		Elec- toral vote
				Number	Per- cent		Number	Per- cent	
1920	Cox	Harding	1,000	1,000			1,000		
1924	Davis	Coolidge	26,748	9,130	34.1	127	16,143	60.4	404
1928	Smith	Hoover	29,086	8,385	28.8	136	15,718	54.0	382
1932	F. D. Roosevelt	Hoover	36,812	15,016	40.8	87	21,392	58.1	444
1936	F. D. Roosevelt	Landon	39,732	22,810	57.4	472	15,759	39.7	53
	F. D. Roosevelt		45,643	27,753	60.8	523	16,675	36.5	8
1940	F. D. Roosevelt	Willkie	49,900	27,313	54.7	449	22,348	44.8	82
1944	F. D. Roosevelt	Dewey	47,977	25,613	53.4	432	22,018	45.9	99
1948	Truman	Dewey	48,794	24,179	49.6	303	21,891	45.1	189
1952	Stevenson	Eisenhower	61,551	27,315	44.4	89	33,936	55.1	442
1956	Stevenson	Eisenhower	62,027	26,023	42.0	73	35,500	57.4	457
1960	Kennedy	Nixon	68,838	34,227	49.7	303	34,108	49.5	219
1964	Johnson	Goldwater	70,645	43,130	61.1	486	27,178	38.5	52
1968	Humphrey	Nixon	73,212	31,275	42.7	191	31,785	43.4	301
1972	McGovern	Nixon	77,719	29,170	37.5	17	47,170	60.7	520
1976	Carter	Ford	81,556	40,831	50.1	297	39,148	48.0	240
1980	Carter	Reagan	86,515	35,484	41.0	49	43,904	50.7	489

YEAR	VOTE CAST FOR PRESIDENT—Con.		YEAR	VOTE CAST FOR PRESIDENT—Con.	
	LEADING OTHER CANDIDATES			LEADING OTHER CANDIDATES—Con.	
1920	Eugene Debs, Socialist, 919,799		1952	Vincent Hallinan, Progressive, 140,023.	
1924	P. P. Christensen, Farmer-Labor, 265,411		1956	Stuart Hamblen, Prohibition, 72,949.	
	Robert LaFollette, Progressive, 4,831,289			T. Coleman Andrews, States' Rights, 111,178.	
1928	Herman P. Faris, Prohibition, 57,520		1960	Eric Hass, Socialist Labor, 44,450.	
	Norman Thomas, Socialist, 267,835			Eric Hass, Socialist Labor, 47,522.	
1932	Verne L. Reynolds, Socialist Labor, 21,603			Rutherford Decker, Prohibition, 46,203.	
	Norman Thomas, Socialist, 981,951		1964	Eric Hass, Socialist Labor, 45,219.	
1936	William Z. Foster, Communist, 102,785			Clifton DeBerry, Socialist Workers, 32,720.	
	William Lemke, Union, 882,479		1968	George Wallace, Amer. Indep., 9,905,473.	
	Norman Thomas, Socialist, 187,720			Henning Blomen, Socialist Labor, 52,588.	
1940	Norman Thomas, Socialist, 99,557		1972	John Schmitz, American, 1,099,482.	
	Roger Babson, Prohibition, 57,812			Benjamin Spock, People's, 78,758.	
1944	Norman Thomas, Socialist, 80,518		1976	Eugene McCarthy, Independent, 756,691.	
	Claude Watson, Prohibition, 74,758			Roger MacBride, Libertarian, 173,011.	
1948	Strom Thurmond, States' Rights, 1,176,125		1980	John Anderson, Independent, 5,720,060.	
	Henry Wallace, Progressive, 1,157,326			Ed Clark, Libertarian, 921,299.	

¹ Includes votes for minor party candidates, independents, unpledged electors, and scattered write-in votes.

Source: 1920-1936, Edgar Eugene Robinson, *The Presidential Vote and They Voted for Roosevelt*, Stanford University Press, Stanford, Calif., 1934 and 1947, respectively. 1940-1964 and 1968-1980, Elections Research Center, Washington, D.C., *America at the Polls and America Votes*, biennial, respectively (copyright).

Figure 16.1 Apportionment of Membership in House of Representatives, by State: 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 807.

NO. 799. ELECTORAL VOTE CAST FOR PRESIDENT, BY MAJOR POLITICAL PARTIES—STATES: 1940 TO 1980

[D=Democratic, R=Republican. For composition of regions, see fig. 1, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series Y 84-134]

REGION AND STATE	1940	1944	1948 ¹	1952	1956 ²	1960 ³	1964	1968 ⁴	1972 ⁵	1976 ⁶	1980
Democratic.....	449	432	303	89	73	303	486	191	17	297	49
Republican.....	82	99	189	442	457	219	52	301	520	240	489
Northeast: Dem.....	132	130	20	-	-	121	126	102	14	86	4
Rep.....	8	8	118	133	133	12	-	24	108	36	118
North Central: Dem.....	93	73	101	-	13	71	149	31	-	58	10
Rep.....	68	82	54	153	140	82	-	118	145	87	135
South: Dem.....	165	167	117	89	60	101	121	45	3	149	31
Rep.....	-	-	11	77	105	50	47	77	165	20	138
West: Dem.....	59	62	65	-	-	10	90	13	-	4	4
Rep.....	6	9	6	79	79	75	5	82	102	97	98
Alabama.....	D-11	D-11	(¹)	D-11	² D-10	³ D-5	R-10	(¹)	R-9	D-9	R-9
Alaska.....	(X)	(X)	(X)	(X)	(X)	R-3	D-3	R-3	R-3	R-3	R-3
Arizona.....	D-3	D-4	D-4	R-4	R-4	R-4	R-5	R-5	R-6	R-6	R-6
Arkansas.....	D-9	D-9	D-9	D-8	D-8	D-8	D-6	(⁴)	R-6	D-6	R-6
California.....	D-22	D-25	D-25	R-32	R-32	R-32	D-40	R-40	R-45	R-45	R-45
Colorado.....	R-6	R-6	D-6	R-6	R-6	R-6	D-6	R-6	R-7	R-7	R-7
Connecticut.....	D-8	D-8	R-8	R-8	R-8	D-8	D-8	D-8	R-8	R-8	R-8
Delaware.....	D-3	D-3	R-3	R-3	R-3	D-3	D-3	R-3	R-3	D-3	R-3
District of Columbia.....	(X)	(X)	(X)	(X)	(X)	(X)	D-3	D-3	D-3	D-3	D-3
Florida.....	D-7	D-8	D-8	R-10	R-10	R-10	D-14	R-14	R-17	D-17	R-17
Georgia.....	D-12	D-12	D-12	D-12	D-12	D-12	R-12	(⁴)	R-12	D-12	D-12
Hawaii.....	(X)	(X)	(X)	(X)	(X)	D-3	D-4	D-4	R-4	D-4	D-4
Idaho.....	D-4	D-4	D-4	R-4	R-4	D-4	D-4	R-4	R-4	R-4	R-4
Illinois.....	D-29	D-28	D-28	R-27	R-27	D-27	D-26	R-26	R-26	R-26	R-26
Indiana.....	R-14	R-13	R-13	R-13	R-13	R-13	D-13	R-13	R-13	R-13	R-13
Iowa.....	R-11	R-10	R-10	R-10	R-10	R-10	D-9	R-9	R-8	R-8	R-8
Kansas.....	R-9	R-8	R-8	R-8	R-8	R-8	D-7	R-7	R-7	R-7	R-7
Kentucky.....	D-11	D-11	D-11	D-10	R-10	R-10	D-9	R-9	R-9	D-9	R-9
Louisiana.....	D-10	D-10	(¹)	D-10	R-10	D-10	R-10	(⁴)	R-10	D-10	R-10
Maine.....	R-5	R-5	R-5	R-5	R-5	R-5	D-4	D-4	R-4	R-4	R-4
Maryland.....	D-8	D-8	R-8	R-8	R-9	D-9	D-10	D-10	R-10	D-10	D-10
Massachusetts.....	D-17	D-16	D-16	R-16	R-16	D-16	D-14	D-14	D-14	D-14	R-14
Michigan.....	R-19	D-19	R-19	R-20	R-20	D-20	D-21	D-21	R-21	R-21	R-21
Minnesota.....	D-11	D-11	D-11	R-11	R-11	D-11	D-10	D-10	R-10	D-10	D-10
Mississippi.....	D-9	D-9	(¹)	D-8	D-8	(²)	R-7	(⁴)	R-7	D-7	R-7
Missouri.....	D-15	D-15	D-15	R-13	D-13	D-13	D-12	R-12	R-12	D-12	R-12
Montana.....	D-4	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
Nebraska.....	R-7	R-6	R-6	R-6	R-6	R-6	D-5	R-5	R-5	R-5	R-5
Nevada.....	D-3	D-3	D-3	R-3	R-3	D-3	D-3	R-3	R-3	R-3	R-3
New Hampshire.....	D-4	D-4	R-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
New Jersey.....	D-16	D-16	R-16	R-16	R-16	D-16	D-17	R-17	R-17	R-17	R-17
New Mexico.....	D-3	D-4	D-4	R-4	R-4	D-4	D-4	R-4	R-4	R-4	R-4
New York.....	D-47	D-47	R-47	R-45	R-45	D-45	D-43	D-43	R-41	D-41	R-41
North Carolina.....	D-13	D-14	D-14	D-14	D-14	D-14	D-13	⁴ R-12	R-13	D-13	R-13
North Dakota.....	R-4	R-4	R-4	R-4	R-4	R-4	D-4	R-4	R-3	R-3	R-3
Ohio.....	D-26	R-25	D-25	R-25	R-25	R-25	D-26	R-26	R-25	D-25	R-25
Oklahoma.....	D-11	D-10	D-10	R-8	R-8	² R-7	D-8	R-8	R-8	R-8	R-8
Oregon.....	D-5	D-6	R-6	R-6	R-6	R-6	D-6	R-6	R-6	R-6	R-6
Pennsylvania.....	D-36	D-35	R-35	R-32	R-32	D-32	D-29	D-29	R-27	D-27	R-27
Rhode Island.....	D-4	D-4	D-4	R-4	R-4	D-4	D-4	R-4	R-4	D-4	D-4
South Carolina.....	D-8	D-8	(¹)	D-8	D-8	D-8	R-8	R-8	R-8	D-8	R-8
South Dakota.....	R-4	R-4	R-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
Tennessee.....	D-11	D-12	¹ D-11	R-11	R-11	R-11	D-11	R-11	R-10	D-10	R-10
Texas.....	D-23	D-23	D-23	R-24	R-24	D-24	D-24	D-25	R-26	D-26	R-26
Utah.....	D-4	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
Vermont.....	R-3	R-3	R-3	R-3	R-3	R-3	D-3	R-3	R-3	R-3	R-3
Virginia.....	D-11	D-11	D-11	R-12	R-12	R-12	D-12	R-12	⁵ R-11	R-12	R-12
Washington.....	D-8	D-8	D-8	R-9	R-9	R-9	D-9	D-9	⁶ R-8	R-9	R-9
West Virginia.....	D-8	D-8	D-8	D-8	R-8	D-8	D-7	D-7	R-6	D-6	D-6
Wisconsin.....	D-12	R-12	D-12	R-12	R-12	R-12	D-12	R-12	R-11	D-11	R-11
Wyoming.....	D-3	R-3	D-3	R-3	R-3	R-3	D-3	R-3	R-3	R-3	R-3

- Represents zero. X Not applicable. ¹ Excludes 39 electoral votes cast for States' Rights Democratic candidates as follows: Alabama 11; Louisiana 10; Mississippi 9; South Carolina 8; and Tennessee 1. ² Excludes 1 electoral vote cast for Walter B. Jones. ³ Excludes 15 electoral votes cast for Harry F. Byrd as follows: Alabama 6; Mississippi 8; and Oklahoma 1. ⁴ Excludes 46 electoral votes cast for George C. Wallace as follows: Alabama 10; Arkansas 6; Georgia 12; Louisiana 10; Mississippi 7; North Carolina 1. ⁵ Excludes 1 electoral vote cast for John Hospers. ⁶ Excludes 1 electoral vote cast for Ronald Reagan.

Source: 1940-1972, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election*; thereafter, Elections Research Center, Washington, D.C., *America Votes*, biennial. (Copyright).

**NO. 800. POPULAR VOTE CAST FOR PRESIDENT, AND PERCENT OF VOTE FOR LEADING PARTY, BY
REGIONS AND STATES: 1948 TO 1968**

[In thousands, except percent. D=Democratic, R=Republican. Leading party vote refers to the party vote representing either a majority or a plurality for the victorious party in the area shown. For composition of regions, see fig. 1, inside front cover. See also tables 798 and 801, and *Historical Statistics, Colonial Times to 1970*, series Y 135-186]

REGION AND STATE	1948		1952		1956		1960		1964		1968	
	Total vote cast	Percent for leading party	Total vote cast	Percent for leading party	Total vote cast	Percent for leading party	Total vote cast	Percent for leading party	Total vote cast	Percent for leading party	Total vote cast	Percent for leading party
Total.....	46,794	D-49.6	61,551	R-55.1	62,027	R-57.4	68,838	D-49.7	70,645	D-61.1	73,212	R-43.4
Northeast.....	15,800	R-47.8	18,801	R-55.1	18,782	R-60.7	20,053	D-52.7	19,623	D-68.3	19,240	D-50.2
North Central.....	17,540	D-50.3	21,153	R-57.6	21,114	R-58.6	22,779	R-52.2	22,209	D-61.3	22,206	R-46.8
South.....	8,244	D-52.6	12,445	D-50.5	12,478	R-51.1	14,389	D-49.9	16,597	D-53.3	19,177	R-36.4
West.....	7,209	D-49.4	9,151	R-57.3	9,654	R-56.4	11,417	R-51.1	12,214	D-58.4	12,590	R-48.7
Alabama.....	215	(¹)	426	D-64.6	497	D-56.5	570	R-58.5	690	R-69.5	1,050	(²)
Alaska.....	(x)	(x)	(x)	(x)	(x)	(x)	61	R-50.9	67	D-65.9	83	R-45.3
Arizona.....	177	D-53.8	261	R-58.3	290	R-61.0	398	R-55.5	481	R-50.4	487	R-54.8
Arkansas.....	242	D-61.7	405	D-55.9	407	D-52.5	429	D-50.2	560	D-56.1	620	(²)
California.....	4,022	D-47.6	5,142	R-56.3	5,466	R-55.4	6,507	R-50.1	7,058	D-59.1	7,252	R-47.8
Colorado.....	515	D-51.9	630	R-60.3	657	R-60.0	736	R-54.6	777	D-61.3	811	R-50.5
Connecticut.....	884	R-49.5	1,097	R-55.7	1,117	R-63.7	1,223	D-53.7	1,219	D-67.8	1,256	D-49.5
Delaware.....	139	R-60.0	174	R-51.8	178	R-55.1	197	D-50.6	201	R-60.9	214	R-45.1
Dist. of Columbia.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	199	R-85.5	171	D-81.8
Florida.....	578	D-48.8	989	R-55.0	1,126	R-57.2	1,544	R-51.5	1,854	D-51.1	2,188	R-40.5
Georgia.....	419	D-60.8	656	D-69.7	670	D-66.4	733	D-62.5	1,139	R-54.1	1,250	(²)
Hawaii.....	(x)	(x)	(x)	(x)	(x)	(x)	185	(²)	207	D-78.8	238	D-59.8
Idaho.....	215	D-50.0	276	R-65.4	273	R-61.2	300	R-53.8	292	D-50.9	291	R-56.8
Illinois.....	3,984	D-50.1	4,481	R-54.8	4,407	R-59.5	4,757	D-50.0	4,703	D-59.5	4,620	R-47.1
Indiana.....	1,656	R-49.6	1,956	R-58.1	1,975	R-59.9	2,135	R-55.0	2,092	D-56.0	2,124	R-50.3
Iowa.....	1,038	D-50.3	1,269	R-63.8	1,235	R-59.1	1,274	R-56.7	1,185	D-61.9	1,168	R-53.0
Kansas.....	789	R-53.6	896	R-68.8	866	R-65.4	929	R-60.4	858	D-54.1	873	R-54.8
Kentucky.....	823	D-56.7	993	D-49.9	1,054	R-54.3	1,124	R-53.6	1,046	D-64.0	1,056	R-43.8
Louisiana.....	418	(¹)	652	D-52.9	818	R-53.3	808	D-50.4	896	R-58.8	1,097	(²)
Maine.....	265	R-56.4	352	R-68.0	352	R-70.9	422	R-57.0	381	D-68.8	393	D-55.3
Maryland.....	597	R-49.4	902	R-55.4	933	R-60.0	1,055	D-53.6	1,116	D-65.5	1,235	D-43.6
Massachusetts.....	2,107	D-54.7	2,383	R-54.2	2,349	R-59.3	2,469	D-60.2	2,345	D-76.2	2,332	D-63.0
Michigan.....	2,110	R-49.2	2,799	R-56.4	3,080	R-55.6	3,318	D-50.9	3,203	D-66.7	3,306	D-48.2
Minnesota.....	1,212	D-57.2	1,379	R-55.3	1,340	R-53.7	1,542	D-50.6	1,554	D-63.6	1,589	D-54.0
Mississippi.....	192	(¹)	286	D-60.4	248	D-58.2	298	(²)	409	R-87.1	655	(²)
Missouri.....	1,579	D-56.1	1,892	R-50.7	1,833	D-50.1	1,934	D-50.3	1,818	D-64.0	1,810	R-44.9
Montana.....	224	D-53.1	265	R-59.4	271	R-57.1	278	R-51.1	279	D-58.9	274	R-50.6
Nebraska.....	489	R-54.2	610	R-69.2	577	R-65.5	613	R-62.1	584	D-52.5	537	R-59.8
Nevada.....	82	D-50.4	82	R-61.4	87	R-58.0	107	D-51.2	135	D-58.6	154	R-47.5
New Hampshire.....	231	R-52.4	273	R-60.9	267	R-66.1	296	R-53.4	288	D-63.9	297	R-52.1
New Jersey.....	1,950	R-60.3	2,419	R-56.8	2,484	R-64.7	2,773	D-50.0	2,848	D-65.6	2,875	R-46.1
New Mexico.....	187	D-56.4	239	R-55.4	254	R-57.8	311	D-50.2	329	D-59.0	327	R-51.8
New York.....	6,177	R-46.0	7,128	R-55.5	7,096	R-61.2	7,291	D-52.5	7,166	D-66.6	6,792	D-49.7
North Carolina.....	791	D-58.0	1,211	D-53.9	1,166	D-50.7	1,369	D-52.1	1,425	D-56.2	1,587	R-39.5
North Dakota.....	221	R-52.2	270	R-71.0	254	R-61.7	278	R-55.4	258	D-58.0	248	R-55.9
Ohio.....	2,936	D-49.5	3,701	R-56.8	3,702	R-61.1	4,162	R-53.3	3,969	D-62.9	3,960	R-45.2
Oklahoma.....	722	D-62.7	949	R-54.6	859	R-65.1	903	R-59.0	932	D-55.7	943	R-47.7
Oregon.....	524	R-49.8	695	R-60.5	736	R-55.2	776	R-52.6	786	D-63.7	820	R-49.8
Pennsylvania.....	3,735	R-50.9	4,581	R-52.7	4,577	R-58.5	5,007	D-51.1	4,823	D-64.9	4,748	D-47.6
Rhode Island.....	328	D-57.6	414	R-50.9	388	R-58.3	406	D-83.6	390	D-80.9	385	D-84.0
South Carolina.....	143	(¹)	341	D-50.7	301	D-54.4	387	D-51.2	525	R-58.9	667	R-38.1
South Dakota.....	250	R-51.8	294	R-69.3	294	R-58.4	306	R-58.2	293	D-55.6	281	R-53.3
Tennessee.....	550	D-49.1	893	R-50.0	939	R-49.2	1,052	R-52.9	1,144	D-55.5	1,249	R-37.8
Texas.....	1,250	D-66.0	2,076	R-53.1	1,955	R-55.3	2,311	D-50.5	2,627	D-63.3	3,079	D-41.1
Utah.....	276	D-54.0	330	R-58.9	334	R-64.6	375	R-54.8	401	D-54.7	423	D-66.5
Vermont.....	123	R-61.5	154	R-71.5	153	R-72.2	167	R-58.6	163	D-66.3	161	R-52.8
Virginia.....	419	D-47.9	620	R-56.3	698	R-55.4	771	R-52.4	1,042	D-53.5	1,361	R-43.4
Washington.....	905	D-52.6	1,103	R-54.3	1,151	R-53.9	1,242	R-50.7	1,259	D-62.0	1,304	D-47.2
West Virginia.....	749	D-57.3	874	D-51.9	831	R-54.1	838	D-52.7	792	D-67.9	754	D-49.6
Wisconsin.....	1,277	D-50.7	1,607	R-61.0	1,551	R-61.6	1,729	R-51.8	1,692	D-62.1	1,692	R-47.9
Wyoming.....	101	D-51.6	129	R-62.7	124	R-60.1	141	R-55.0	143	D-56.6	127	R-55.8

X Not applicable. ¹ Vote represented a victory for Thurmond (States' Rights Democratic Party) as follows: Alabama, 79.7 percent; Louisiana, 49.1 percent; Mississippi, 87.2 percent; and South Carolina, 72.0 percent. ² Vote represented a victory for Wallace (American Independent Party) as follows: Alabama, 65.8 percent; Arkansas, 38.9 percent; Georgia, 42.9 percent; Louisiana, 48.3 percent; and Mississippi, 63.4 percent. Percentages of 50.0 for both parties based on following vote: Democratic, 92,410; Republican, 92,295. ³ Vote represented a victory for unpledged Democratic electors; 39.0 percent.

Source: 1948, Elections Research Center, Washington, D.C., *America at the Polls* (copyright); 1952 and 1956, U.S. Bureau of the Census, *Congressional District Data Book (Districts of the 88th Congress)*, 1963; and 1960-1968, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election*.

NO. 801. POPULAR VOTE CAST FOR PRESIDENT, BY POLITICAL PARTIES—REGIONS AND STATES: 1972 TO 1980

[In thousands, except percent, D=Democratic, R=Republican. See headnote, table 600. See also *Historical Statistics, Colonial Times to 1970*, series Y 135-186]

REGION AND STATE	1972				1976				1980			
	Total ¹	Democratic Party	Republican Party	Percent for leading party	Total ¹	Democratic Party	Republican Party	Percent for leading party	Total ¹	Democratic Party	Republican Party	Percent for leading party
Total.....	77,719	29,170	47,170	R-60.7	81,556	40,831	39,148	D-50.1	86,515	35,484	43,904	R-50.7
Northeast.....	19,952	8,278	11,483	R-57.6	19,520	9,929	9,272	D-50.8	19,206	8,019	9,147	R-47.6
North Central.....	23,190	9,127	13,711	R-59.1	24,155	11,871	11,995	R-49.7	25,178	10,291	12,827	R-50.9
South.....	20,048	6,087	13,666	R-68.2	23,198	12,520	10,384	D-54.0	25,813	11,554	13,118	R-50.8
West.....	14,529	5,679	8,309	R-57.2	14,682	6,711	7,488	R-51.0	16,318	5,620	8,813	R-54.0
Ala.....	1,006	257	729	R-72.4	1,183	659	504	D-55.7	1,342	637	654	R-48.8
Alaska.....	95	33	55	R-58.1	124	44	72	R-57.9	158	42	86	R-54.3
Ariz.....	623	199	403	R-64.7	743	296	418	R-56.4	874	247	530	R-60.6
Ark.....	651	200	449	R-68.9	788	498	288	D-65.0	898	398	403	R-48.1
Calif.....	8,368	3,476	4,602	R-55.0	7,867	3,742	3,882	R-49.3	8,587	3,084	4,525	R-52.7
Colo.....	954	330	597	R-62.6	1,092	460	584	R-54.0	1,184	368	652	R-55.1
Conn.....	1,384	555	811	R-58.6	1,382	648	719	R-52.1	1,406	542	677	R-48.2
Del.....	236	92	140	R-59.6	236	123	110	D-52.0	236	108	111	R-47.2
D.C.....	163	128	35	D-78.1	169	138	28	D-81.6	175	131	24	D-74.8
Fla.....	2,583	718	1,858	R-71.9	3,151	1,636	1,470	D-51.9	3,687	1,419	2,047	R-55.5
Ga.....	1,175	290	681	R-76.0	1,467	979	484	D-66.7	1,597	891	654	D-55.8
Hawaii.....	270	101	169	R-62.5	291	147	140	D-50.6	303	136	130	D-44.9
Idaho.....	310	81	199	R-64.2	344	127	204	R-59.3	437	110	291	R-66.5
Ill.....	4,723	1,913	2,788	R-59.0	4,719	2,271	2,364	R-50.1	4,750	1,981	2,358	R-49.6
Ind.....	2,126	709	1,405	R-66.1	2,220	1,015	1,184	R-53.3	2,242	844	1,256	R-56.0
Iowa.....	1,226	496	706	R-57.6	1,279	620	633	R-49.5	1,318	509	676	R-51.3
Kans.....	916	270	620	R-67.7	958	490	503	R-52.5	980	326	567	R-57.9
Ky.....	1,087	371	676	R-63.4	1,167	616	532	D-52.8	1,295	616	635	R-49.1
La.....	1,051	298	687	R-65.3	1,278	661	587	D-51.7	1,549	708	793	R-51.2
Maine.....	417	161	256	R-61.5	483	232	236	R-48.9	523	221	239	R-45.6
Md.....	1,354	506	829	R-61.3	1,440	760	673	D-52.8	1,540	726	681	D-47.1
Mass.....	2,459	1,333	1,112	D-54.2	2,548	1,429	1,030	D-56.1	2,524	1,054	1,058	R-41.9
Mich.....	3,490	1,459	1,982	R-56.2	3,654	1,697	1,894	R-51.6	3,910	1,662	1,915	R-49.0
Minn.....	1,742	802	988	R-51.6	1,950	1,070	819	D-54.9	2,052	954	873	D-46.5
Miss.....	846	127	505	R-78.2	789	381	367	D-49.6	893	429	441	R-49.4
Mo.....	1,856	697	1,154	R-62.2	1,954	998	927	D-51.1	2,100	931	1,074	R-51.2
Mont.....	318	120	184	R-57.9	329	149	174	R-52.8	364	118	207	R-56.8
Nebr.....	576	170	406	R-70.5	608	234	360	R-59.2	641	167	420	R-65.5
Nev.....	182	66	116	R-63.7	202	92	101	R-50.2	248	67	155	R-62.5
N.H.....	334	116	214	R-64.0	340	148	186	R-54.7	384	109	222	R-57.7
N.J.....	2,997	1,102	1,846	R-61.6	3,014	1,445	1,510	R-50.1	2,976	1,147	1,547	R-52.0
N. Mex.....	386	141	236	R-61.0	418	201	211	R-50.5	457	168	251	R-54.9
N.Y.....	7,166	2,951	4,193	R-58.5	6,534	3,390	3,101	D-51.9	6,202	2,728	2,894	R-46.7
N.C.....	1,519	439	1,055	R-69.5	1,679	927	742	D-55.2	1,856	876	915	R-49.3
N. Dak.....	281	100	174	R-82.1	297	136	153	R-51.6	302	79	194	R-64.2
Ohio.....	4,095	1,559	2,442	R-59.6	4,112	2,012	2,001	D-48.9	4,284	1,752	2,207	R-51.5
Okla.....	1,030	247	759	R-73.7	1,092	532	546	R-50.0	1,150	402	696	R-60.5
Oreg.....	928	393	487	R-52.4	1,030	490	492	R-47.8	1,182	457	571	R-48.3
Pa.....	4,592	1,797	2,715	R-59.1	4,621	2,329	2,206	D-50.4	4,562	1,938	2,262	R-49.6
R.I.....	416	195	220	R-53.0	411	228	181	D-55.4	416	198	155	D-47.7
S.C.....	674	187	477	R-70.8	803	451	346	D-56.2	894	430	442	R-49.4
S. Dak.....	307	140	166	R-54.2	301	147	152	R-50.4	328	104	198	R-60.5
Tenn.....	1,201	357	813	R-67.7	1,476	826	634	D-55.9	1,618	783	788	R-48.7
Tex.....	3,471	1,154	2,299	R-66.2	4,072	2,082	1,953	D-51.1	4,542	1,881	2,511	R-55.3
Utah.....	478	126	324	R-67.6	541	182	338	R-62.4	604	124	440	R-72.8
Vt.....	187	68	117	R-62.7	188	81	102	R-54.4	213	82	95	R-44.4
Va.....	1,457	439	988	R-67.8	1,697	814	837	R-49.3	1,866	752	990	R-53.0
Wash.....	1,471	568	837	R-56.9	1,556	717	778	R-50.0	1,742	650	865	R-49.7
W. Va.....	782	277	485	R-63.6	751	436	315	D-58.0	738	367	334	D-49.8
Wis.....	1,853	810	989	R-53.4	2,104	1,040	1,005	D-49.4	2,273	982	1,089	R-47.9
Wyo.....	146	44	100	R-69.0	156	62	93	R-59.3	177	49	111	R-62.6

¹ Includes other parties.

Source: 1972, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election of Nov. 7, 1972* (in some cases, figures have been revised by Elections Research Center, Washington, D.C.); thereafter, Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

NO. 802. POPULAR VOTE CAST FOR PRESIDENT AND PERCENT DISTRIBUTION OF VOTE BY POLITICAL PARTY—GEOGRAPHIC DIVISIONS: 1964 TO 1980

[For composition of divisions, see fig. 1, inside front cover]

YEAR AND PARTY	Unit	Total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
1964, total	1,000	70,645	4,786	14,837	15,659	6,550	8,294	3,289	5,016	2,837	9,377
Democratic.....	Percent.....	61.1	72.7	66.8	61.6	60.6	55.6	41.3	57.5	56.4	60.4
Republican.....	Percent.....	38.5	27.0	32.9	38.2	39.7	44.4	52.2	42.3	43.3	39.4
Other.....	Percent.....	.5	.2	.3	.1	.2	(2)	6.5	.2	.3	.2
1968, total	1,000	73,212	4,825	14,415	15,701	6,505	9,428	4,009	5,740	2,895	9,695
Democratic.....	Percent.....	42.7	57.1	47.9	43.9	43.2	34.5	27.3	36.0	38.1	45.3
Republican.....	Percent.....	43.4	38.5	44.6	45.9	48.9	39.2	29.2	37.0	52.9	47.4
Other.....	Percent.....	13.9	4.4	7.6	10.2	7.9	26.3	43.5	27.0	9.0	7.3
1972, total	1,000	77,719	5,197	14,755	16,286	6,904	9,923	3,921	6,204	3,397	11,132
Democratic.....	Percent.....	37.5	46.7	39.6	39.6	38.8	31.0	28.4	30.6	32.6	41.1
Republican.....	Percent.....	60.7	52.5	59.3	58.9	59.8	68.0	65.5	67.6	63.6	55.2
Other.....	Percent.....	1.8	.7	1.0	1.5	1.5	1.0	2.2	1.8	3.8	3.7
1976, total	1,000	81,556	5,351	14,169	16,809	7,346	11,392	4,596	7,210	3,815	10,867
Democratic.....	Percent.....	50.1	51.7	50.6	47.8	49.5	55.0	54.0	52.4	41.1	47.3
Republican.....	Percent.....	48.0	45.9	48.1	50.3	48.3	43.9	44.3	46.5	55.7	49.4
Other.....	Percent.....	1.9	2.4	1.3	1.9	2.2	1.1	1.7	1.1	3.2	3.3
1980, total	1,000	86,515	5,467	13,739	17,458	7,719	12,589	5,147	8,078	4,346	11,973
Democratic.....	Percent.....	41.0	40.3	42.3	41.4	39.8	45.3	47.9	42.0	28.8	35.5
Republican.....	Percent.....	50.7	44.7	48.8	50.5	51.8	49.2	48.9	54.5	60.7	51.6
Other.....	Percent.....	8.2	14.9	8.9	8.1	8.4	5.5	3.2	3.5	10.6	11.9

Z Less than .05 percent.

Source: Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

NO. 803. PERCENT OF TOTAL AND VOTING-AGE POPULATION AND OF POPULAR AND ELECTORAL VOTE FOR PRESIDENT, BY REGIONS AND STATES: 1980

REGION ¹ AND STATE	Total population ²	Voting-age population ²	Popular vote for President	Electoral vote for President	STATE	Total population ²	Voting-age population ²	Popular vote for President	Electoral vote for President
U.S.	100.0	100.0	100.0	100.0	Minnesota.....	1.8	1.8	2.4	1.9
Northeast.....	21.7	22.2	22.2	22.7	Mississippi.....	1.1	1.0	1.0	1.3
North Central.....	26.0	25.8	29.1	27.0	Missouri.....	2.2	2.2	2.4	2.2
South.....	33.3	33.0	29.8	31.4	Montana.....	.3	.3	.4	.7
West.....	19.1	19.1	18.9	19.0	Nebraska.....	.7	.7	.7	.9
Alabama.....	1.7	1.7	1.6	1.7	Nevada.....	.4	.4	.3	.6
Alaska.....	.2	.2	.2	.6	New Hampshire.....	.4	.4	.4	.7
Arizona.....	1.2	1.2	1.0	1.1	New Jersey.....	3.3	3.3	3.4	3.2
Arkansas.....	1.0	1.0	1.0	1.1	New Mexico.....	.6	.5	.5	.7
California.....	10.4	10.6	9.9	8.4	New York.....	7.8	7.9	7.2	7.6
Colorado.....	1.3	1.3	1.4	1.3	North Carolina.....	2.6	2.6	2.1	2.4
Connecticut.....	1.4	1.4	1.6	1.5	North Dakota.....	.3	.3	.3	.6
Delaware.....	.3	.3	.3	.6	Ohio.....	4.8	4.7	5.0	4.6
District of Columbia.....	.3	.3	.2	.6	Oklahoma.....	1.3	1.3	1.3	1.5
Florida.....	4.3	4.5	4.3	3.2	Oregon.....	1.2	1.2	1.4	1.1
Georgia.....	2.4	2.3	1.8	2.2	Pennsylvania.....	5.2	5.4	5.3	5.0
Hawaii.....	.4	.4	.4	.7	Rhode Island.....	.4	.4	.5	.7
Idaho.....	.4	.4	.5	.7	South Carolina.....	1.4	1.3	1.0	1.5
Illinois.....	5.0	5.0	5.5	4.8	South Dakota.....	.3	.3	.4	.7
Indiana.....	2.4	2.4	2.6	2.4	Tennessee.....	2.0	2.0	1.9	1.9
Iowa.....	1.3	1.3	1.5	1.5	Texas.....	6.3	6.1	5.2	4.8
Kansas.....	1.0	1.1	1.1	1.3	Utah.....	.6	.6	.7	.7
Kentucky.....	1.6	1.6	1.5	1.7	Vermont.....	.2	.2	.2	.6
Louisiana.....	1.9	1.8	1.8	1.9	Virginia.....	2.4	2.4	2.2	2.2
Maine.....	.5	.5	.6	.7	Washington.....	1.8	1.8	2.0	1.7
Maryland.....	1.9	1.9	1.8	1.9	West Virginia.....	.9	.9	.9	1.1
Massachusetts.....	2.5	2.6	2.9	2.6	Wisconsin.....	2.1	2.1	2.6	2.0
Michigan.....	4.1	4.0	4.5	3.9	Wyoming.....	.2	.2	.2	.6

¹ For composition of regions, see fig. 1, inside front cover.

² Enumerated resident population as of April. Voting-age population covers persons 18 years old and over.

Source: Compiled from U.S. Bureau of the Census, *1980 Census of Population and Housing, Advance Reports*, series PHC 80-V and unpublished data and Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

NO. 804. VOTE CAST FOR MAJOR POLITICAL OFFICES, BY MAJOR PARTIES: 1960 TO 1980

YEAR AND OFFICE	Total vote cast (mil.)	DEMOCRATIC		REPUBLICAN		OTHER PARTIES		PLURALITY	
		Vote cast (mil.)	Per cent	Vote cast (mil.)	Per cent	Vote cast (mil.)	Per cent	Party ¹	Vote (mil.) Per cent
1960: President.....	68.8	34.2	49.7	34.1	49.5	.5	.7	Dem.....	.1 .2
U.S. House of Rep. (381 dist. ²).....	83.3	34.7	54.8	28.4	44.8	.3	.4	Dem.....	6.3 10.0
U.S. Senate (34 States).....	33.5	18.3	54.6	15.0	44.8	.2	.6	Dem.....	3.3 9.8
State Governor (30 States).....	35.5	18.7	52.9	16.6	46.8	.1	.3	Dem.....	2.1 6.0
1964: President.....	70.6	43.1	61.1	27.2	38.5	.3	.5	Dem.....	16.0 22.6
U.S. House of Rep. (403 dist. ²).....	65.9	37.7	57.2	27.9	42.3	.3	.5	Dem.....	9.8 14.9
U.S. Senate (34 States).....	51.5	29.0	56.3	22.1	42.9	.5	.9	Dem.....	6.9 13.4
State Governor (25 States).....	29.1	16.1	55.2	12.9	44.4	.1	.4	Dem.....	3.2 10.9
1968: President.....	73.2	31.3	42.7	31.8	43.4	10.2	13.9	Rep.....	.5 .7
U.S. House of Rep. (398 dist. ²).....	66.1	33.0	50.0	31.9	48.2	1.2	1.8	Dem.....	1.2 1.8
U.S. Senate (34 States).....	50.8	25.0	49.2	24.2	47.5	1.7	3.3	Dem.....	.8 1.6
State Governor (22 States).....	22.7	11.8	51.8	10.9	47.9	.1	.3	Dem.....	.9 3.9
1972: President.....	77.7	29.2	37.5	47.2	60.7	1.4	1.8	Rep.....	18.0 23.2
U.S. House of Rep. (401 dist. ²).....	71.4	36.9	51.7	33.1	46.4	1.4	1.9	Dem.....	3.8 5.3
U.S. Senate (34 States).....	37.5	17.0	45.4	19.7	52.5	.8	2.1	Rep.....	2.7 7.2
State Governor (21 States).....	23.9	12.1	50.5	11.1	46.6	.7	2.9	Dem.....	.9 3.9
1976: President.....	81.6	40.8	50.1	39.1	48.0	1.6	1.9	Dem.....	1.7 2.1
U.S. House of Rep. (423 dist. ²).....	74.4	41.9	56.3	31.3	42.0	1.3	1.7	Dem.....	10.6 14.2
U.S. Senate (33 States).....	58.9	32.0	54.4	25.8	43.8	1.1	1.8	Dem.....	6.2 10.6
State Governor (14 States).....	15.7	7.7	48.8	7.9	50.4	.1	.9	Rep.....	.3 1.6
1980: President.....	86.5	35.5	41.0	43.9	50.7	7.1	8.2	Rep.....	8.4 9.7
U.S. House of Rep. (408 dist. ²).....	78.0	39.3	50.4	37.4	47.9	1.3	1.7	Dem.....	2.0 2.5
U.S. Senate (33 States).....	58.6	29.9	51.0	27.0	46.1	1.7	3.0	Dem.....	2.9 4.9
State Governor (13 States).....	11.9	5.9	49.8	5.9	49.8	(Z)	.4	Rep.....	(Z) (Z)

Z Less than 50,000 or .05 percent. ¹ See headnote, table 805. ² Number of districts in which votes were tabulated. Source: Compiled by U.S. Bureau of the Census from Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

NO. 805. PERCENT POPULAR VOTE CAST FOR PRESIDENT AND FOR U.S. CONGRESS BY PARTY, AND PARTY COMPOSITION OF U.S. CONGRESS, BY REGION: 1964 TO 1980

[Dem.=Democratic Party, Rep.=Republican Party. Excludes minor parties and independents. For composition of regions, see fig. 1, inside front cover]

YEAR AND REGION	PERCENT VOTE CAST FOR—						PARTY COMPOSITION (seats held) ¹			
	President		House of Representatives		Senate		House of Representatives		Senate	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
1964, U.S.	61.1	38.5	57.2	42.3	55.3	42.9	295	140	68	32
Northeast.....	68.3	31.5	57.7	41.5	55.7	42.8	70	38	10	8
North Central.....	61.3	38.5	53.8	46.1	56.8	43.0	66	59	15	9
South.....	53.3	45.3	64.8	34.0	60.6	37.7	112	21	26	6
West.....	58.4	40.4	53.6	46.4	52.3	47.7	47	22	17	9
1968, U.S.	42.7	43.4	50.0	48.2	49.2	47.5	243	192	57	43
Northeast.....	50.2	49.0	48.4	46.7	39.2	50.9	64	44	8	10
North Central.....	43.7	48.8	45.8	54.1	49.5	50.2	46	79	13	11
South.....	33.5	36.4	60.9	37.9	57.2	40.4	97	36	22	10
West.....	43.7	48.7	45.7	53.2	52.5	46.4	36	33	14	12
1972, U.S.	37.5	60.7	51.7	46.4	45.4	52.5	239	192	56	42
Northeast.....	41.5	57.6	48.8	47.0	37.1	60.7	57	46	8	9
North Central.....	39.4	59.1	48.2	50.9	44.0	55.0	50	70	15	9
South.....	30.4	68.2	58.5	40.4	49.5	47.4	91	42	18	13
West.....	39.1	57.2	53.0	45.8	46.1	52.9	41	34	15	11
1976, U.S.	50.1	48.0	56.3	42.0	54.4	43.8	292	143	61	38
Northeast.....	50.9	47.5	55.3	41.8	54.2	44.7	73	31	10	8
North Central.....	48.3	49.7	52.3	46.7	53.3	44.5	68	53	16	8
South.....	54.0	44.8	61.9	36.2	59.0	39.5	100	34	22	9
West.....	45.7	51.0	54.7	43.0	51.2	45.9	51	25	13	13
1980, U.S.	41.0	50.7	50.4	47.9	51.0	46.1	243	192	46	53
Northeast.....	41.8	47.6	49.9	48.1	46.8	46.9	59	45	9	9
North Central.....	40.9	50.9	48.2	51.2	53.7	44.9	58	63	10	14
South.....	44.8	50.8	55.9	42.7	50.1	49.3	87	47	18	13
West.....	34.4	54.0	47.1	49.7	51.9	43.9	39	37	9	17

¹ For beginning of the first session of Congress following the year shown. Excludes vacant seats. Source: Compiled by U.S. Bureau of the Census from Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright) and U.S. Congress, Joint Committee on Printing, *Congressional Directory*, biennial.

NO. 806. VOTE CAST FOR UNITED STATES SENATORS, BY MAJOR POLITICAL PARTIES—STATES: 1976 TO 1980

(In thousands, except percent. Excludes elections to fill vacancies for unexpired term)

STATE	1976				1978				1980			
	Total ¹	Democrat	Republican	Percent for leading party	Total ¹	Democrat	Republican	Percent for leading party	Total ¹	Democrat	Republican	Percent for leading party
Alabama.....	(x)	(x)	(x)	(x)	582	547	-	94.0	1,297	610	650	50.2
Alaska.....	(x)	(x)	(x)	(x)	123	30	93	75.6	157	72	84	53.7
Arizona.....	741	400	321	54.0	(x)	(x)	(x)	(x)	874	423	432	49.5
Arkansas.....	(x)	(x)	(x)	(x)	522	400	85	76.6	809	478	331	59.1
California.....	7,472	3,503	3,749	50.2	(x)	(x)	(x)	(x)	8,327	4,705	3,093	56.5
Colorado.....	(x)	(x)	(x)	(x)	819	330	481	58.7	1,174	591	571	50.3
Connecticut.....	1,362	561	785	57.7	(x)	(x)	(x)	(x)	1,356	764	582	56.3
Delaware.....	225	98	126	55.8	162	94	66	58.0	(x)	(x)	(x)	(x)
Florida.....	2,858	1,800	1,058	63.0	(x)	(x)	(x)	(x)	3,528	1,705	1,822	51.7
Georgia.....	(x)	(x)	(x)	(x)	645	536	109	83.1	1,580	776	804	50.9
Hawaii.....	302	162	123	53.7	(x)	(x)	(x)	(x)	288	224	53	77.9
Idaho.....	(x)	(x)	(x)	(x)	284	90	194	68.4	440	214	219	49.7
Illinois.....	(x)	(x)	(x)	(x)	3,185	1,448	1,699	53.3	4,580	2,565	1,946	56.0
Indiana.....	2,171	879	1,276	58.8	(x)	(x)	(x)	(x)	2,198	1,016	1,182	53.8
Iowa.....	(x)	(x)	(x)	(x)	825	395	422	51.1	1,277	582	683	53.5
Kansas.....	(x)	(x)	(x)	(x)	749	318	403	53.9	939	340	599	63.8
Kentucky.....	(x)	(x)	(x)	(x)	477	291	176	61.0	1,107	721	386	65.1
Louisiana.....	(x)	(x)	(x)	(x)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Maine.....	486	293	193	60.2	375	127	212	56.6	(x)	(x)	(x)	(x)
Maryland.....	1,366	772	530	56.5	(x)	(x)	(x)	(x)	1,286	435	851	66.2
Massachusetts.....	2,491	1,727	723	69.3	1,986	1,093	891	55.1	(x)	(x)	(x)	(x)
Michigan.....	3,491	1,831	1,635	52.5	2,847	1,484	1,362	52.1	(x)	(x)	(x)	(x)
Minnesota.....	1,912	1,291	479	67.5	1,581	638	894	56.6	(x)	(x)	(x)	(x)
Mississippi.....	554	554	-	100.0	584	185	263	45.1	(x)	(x)	(x)	(x)
Missouri.....	1,915	814	1,090	56.9	(x)	(x)	(x)	(x)	2,067	1,075	985	52.0
Montana.....	321	206	115	64.2	268	160	128	55.7	(x)	(x)	(x)	(x)
Nebraska.....	598	314	284	52.4	494	334	180	67.6	(x)	(x)	(x)	(x)
Nevada.....	202	127	63	63.0	(x)	(x)	(x)	(x)	246	92	144	58.5
New Hampshire.....	(x)	(x)	(x)	(x)	284	128	134	50.7	375	179	196	52.1
New Jersey.....	2,771	1,681	1,055	60.7	1,958	1,083	844	55.3	(x)	(x)	(x)	(x)
New Mexico.....	413	176	235	56.8	344	160	183	53.4	(x)	(x)	(x)	(x)
New York.....	6,320	3,423	2,637	54.2	(x)	(x)	(x)	(x)	6,015	2,619	2,700	44.9
North Carolina.....	(x)	(x)	(x)	(x)	1,136	517	619	54.5	1,798	888	898	50.0
North Dakota.....	283	176	103	62.1	(x)	(x)	(x)	(x)	299	87	210	70.3
Ohio.....	3,921	1,941	1,824	49.5	(x)	(x)	(x)	(x)	4,027	2,771	1,138	68.8
Oklahoma.....	(x)	(x)	(x)	(x)	754	494	248	65.5	1,098	478	587	53.5
Oregon.....	(x)	(x)	(x)	(x)	893	342	550	61.6	1,140	502	584	52.1
Pennsylvania.....	4,548	2,127	2,382	52.4	(x)	(x)	(x)	(x)	4,418	2,122	2,230	50.5
Rhode Island.....	399	168	230	57.7	306	230	76	75.1	(x)	(x)	(x)	(x)
South Carolina.....	(x)	(x)	(x)	(x)	633	281	352	55.6	871	613	258	70.4
South Dakota.....	(x)	(x)	(x)	(x)	256	85	171	66.8	327	129	191	58.2
Tennessee.....	1,432	751	673	52.5	1,157	466	643	55.5	(x)	(x)	(x)	(x)
Texas.....	3,875	2,200	1,636	56.8	2,313	1,139	1,151	49.8	(x)	(x)	(x)	(x)
Utah.....	540	242	290	53.7	(x)	(x)	(x)	(x)	584	151	438	73.6
Vermont.....	189	86	94	50.0	(x)	(x)	(x)	(x)	209	104	101	49.8
Virginia.....	1,558	596	³ 891	³ 57.2	1,222	609	613	50.2	(x)	(x)	(x)	(x)
Washington.....	1,491	1,071	362	71.8	(x)	(x)	(x)	(x)	1,728	792	936	54.2
West Virginia.....	567	566	-	99.9	493	249	244	50.5	(x)	(x)	(x)	(x)
Wisconsin.....	1,935	1,397	522	72.2	(x)	(x)	(x)	(x)	2,204	1,065	1,106	50.2
Wyoming.....	155	71	85	54.6	139	50	83	62.2	(x)	(x)	(x)	(x)

- Represents zero. X Not applicable. ¹ Includes vote cast for minor parties. ² Unopposed Democrat; no vote tallied since name not printed on ballot. ³ Represents vote cast for independent candidate.

Source: Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

NO. 807. APPORTIONMENT OF MEMBERSHIP IN HOUSE OF REPRESENTATIVES, BY STATES: 1790 TO 1980

[Total membership includes Representatives assigned to newly admitted States after the apportionment acts. Population figures used for apportionment purposes are those determined for States by each decennial census. No reapportionment based on 1920 population census. For method of calculating apportionment and a short history of apportionment, see House Report 91-1314, 91st Congress, 2d session, *The Decennial Population Census and Congressional Apportionment*. See also *Historical Statistics, Colonial Times to 1970*, series Y 220-271.]

STATE	MEMBERSHIP BASED ON CENSUS OF--																				
	1790	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	
Total	106	142	186	213	242	232	237	243	293	332	357	391	435	435	435	437	435	435	435	435	
Ala.....	(x)	(x)	11	3	5	7	7	6	8	8	9	9	10	9	9	9	8	7	7	7	
Alaska.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	11	1	1	1	1	
Ariz.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	11	1	2	3	4	5	4	
Ark.....	(x)	(x)	(x)	(x)	11	1	2	3	4	5	6	7	7	7	7	6	4	4	4	4	
Calif.....	(x)	(x)	(x)	(x)	(x)	12	2	3	4	6	7	8	11	20	29	30	38	43	45	45	
Colo.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	11	1	2	3	4	4	4	4	4	5	6	6	
Conn.....	7	7	7	6	6	4	4	4	4	4	4	5	5	6	6	6	6	6	6	6	
Del.....	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Fla.....	(x)	(x)	(x)	(x)	(x)	11	1	1	2	2	2	3	4	5	6	8	12	15	19	19	
Ga.....	2	4	6	7	9	8	8	7	9	10	11	11	12	10	10	10	10	10	10	10	
Hawaii.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	11	2	2	2	2	
Idaho.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	11	1	1	2	2	2	2	2	2	2	2	
Ill.....	(x)	(x)	11	1	3	7	9	14	19	20	22	25	27	27	26	25	24	24	22	22	
Ind.....	(x)	(x)	11	3	7	10	11	11	13	13	13	13	13	12	11	11	11	10	10	10	
Iowa.....	(x)	(x)	(x)	(x)	(x)	12	2	6	9	11	11	11	11	9	8	8	7	6	6	6	
Kans.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	1	3	7	8	8	8	7	6	6	5	5	5	5	
Ky.....	2	6	10	12	13	10	10	9	10	11	11	11	11	9	9	8	7	7	7	7	
La.....	(x)	(x)	11	3	3	4	4	5	6	6	6	7	8	8	8	8	8	8	8	8	
Maine.....	(x)	(x)	(x)	7	8	7	6	5	5	4	4	4	4	3	3	3	2	2	2	2	
Md.....	8	9	9	9	8	6	6	5	6	6	6	6	6	6	6	6	7	8	8	8	
Mass.....	14	17	20	13	12	10	11	10	11	12	13	14	16	15	14	14	14	12	12	11	
Mich.....	(x)	(x)	(x)	(x)	11	3	4	6	9	11	12	12	13	17	17	18	19	19	18	18	
Minn.....	(x)	(x)	(x)	(x)	(x)	(x)	12	2	3	5	7	9	10	9	9	9	8	8	8	8	
Miss.....	(x)	(x)	11	1	2	4	5	5	6	7	7	8	8	7	7	6	5	5	5	5	
Mo.....	(x)	(x)	(x)	1	2	5	7	9	13	14	15	16	16	13	13	11	10	10	9	9	
Mont.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	11	1	1	2	2	2	2	2	2	2	2	
Nebr.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	11	1	3	6	6	6	5	4	4	3	3	3	
Nev.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	11	1	1	1	1	1	1	1	1	1	1	1	1	
N.H.....	4	5	6	6	5	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	
N.J.....	5	6	6	6	6	5	5	5	7	7	8	10	12	14	14	14	15	15	14	14	
N. Mex.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	11	1	2	2	2	2	3	
N.Y.....	10	17	27	34	40	34	33	31	33	34	34	37	43	45	45	43	41	39	34	34	
N.C.....	10	12	13	13	13	9	8	7	8	9	9	10	11	12	12	11	11	11	11	11	
N. Dak.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	11	1	2	3	2	2	2	2	2	2	1	
Ohio.....	(x)	11	6	14	19	21	21	19	20	21	21	21	22	24	23	23	24	23	21	21	
Okla.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	15	8	9	8	6	6	6	6	6	
Oreg.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	11	1	1	1	2	2	3	3	4	4	4	4	5	
Pa.....	13	18	23	26	28	24	25	24	27	28	30	32	36	34	33	30	27	25	23	23	
R.I.....	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
S.C.....	6	8	9	9	9	7	6	4	5	7	7	7	7	6	6	6	6	6	6	6	
S. Dak.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	12	2	2	2	3	2	2	2	2	2	1	
Tenn.....	11	3	6	9	13	11	10	8	10	10	10	10	10	9	10	9	9	8	7	9	
Tex.....	(x)	(x)	(x)	(x)	(x)	12	2	4	6	11	13	16	18	21	21	22	23	24	27	27	
Utah.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	11	1	2	2	2	2	2	2	2	3	
Vt.....	2	4	6	5	5	4	3	3	3	2	2	2	2	1	1	1	1	1	1	1	
Va.....	19	22	23	22	21	15	13	11	9	10	10	10	10	9	9	10	10	10	10	10	
Wash.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	11	2	3	5	6	6	7	7	7	7	8	
W. Va.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	3	4	4	5	6	6	6	6	5	4	4	4	
Wis.....	(x)	(x)	(x)	(x)	(x)	12	3	6	8	9	10	11	11	10	10	10	10	9	9	9	
Wyo.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	11	1	1	1	1	1	1	1	1	1	1	

X Not applicable. ¹ Assigned after apportionment. ² Included in apportionment act in anticipation of statehood.
Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. 1, and press release.

NO. 808. POPULATION, 1970 AND 1980, OF CONGRESSIONAL DISTRICTS FOR THE 97TH CONGRESS, BY DIFFERENCES IN SIZE—STATES

[As of April 1. Based on total resident population. Excludes District of Columbia; see text, p. 477]

STATE	1970 POPULATION					1980 POPULATION					Year of last redistricting prior to 97th Congress
	Average (1,000)	Smallest district		Largest district		Average (1,000)	Smallest district		Largest district		
		Number (1,000)	Percent below average	Number (1,000)	Percent above average		Number (1,000)	Percent below average	Number (1,000)	Percent above average	
United States.....	466	303	35.0	618	32.7	519	234	55.0	880	69.5	(X)
Alabama.....	492	490	.5	494	.3	556	518	6.8	595	7.1	1972
Alaska ¹	² 302	(X)	(X)	(X)	(X)	² 400	(X)	(X)	(X)	(X)	(X)
Arizona.....	443	443	.1	444	.1	679	625	8.1	746	9.7	1971
Arkansas.....	481	480	.2	481	.1	571	521	8.7	639	11.8	1971
California.....	464	463	.4	467	.5	550	439	20.2	867	57.5	1973
Colorado.....	441	439	.5	442	.2	578	427	26.1	665	15.0	1972
Connecticut.....	505	505	(Z)	505	(Z)	518	478	7.7	542	4.7	1972
Delaware ¹	² 548	(X)	(X)	(X)	(X)	² 595	(X)	(X)	(X)	(X)	(X)
Florida.....	453	452	.1	453	.1	649	469	27.7	880	35.5	1972
Georgia.....	459	456	.7	461	.4	546	420	23.1	661	20.9	1972
Hawaii.....	385	382	5.9	408	5.9	483	394	18.3	571	18.3	1969
Idaho.....	357	356	.1	357	.1	472	451	4.4	493	4.4	1971
Illinois.....	463	460	.7	466	.6	476	370	22.3	626	31.5	1971
Indiana.....	472	472	.1	473	.1	499	427	14.5	572	14.5	1972
Iowa.....	471	469	.4	472	.2	486	465	4.3	506	4.2	1971
Kansas.....	450	447	.6	454	.9	473	449	5.0	493	4.2	1971
Kentucky.....	460	459	.2	461	.2	523	393	24.8	566	8.3	1972
Louisiana.....	455	455	.1	456	.2	525	463	12.0	577	9.8	1972
Maine.....	497	496	.2	498	.2	562	543	3.4	581	3.4	1971
Maryland.....	490	493	1.6	495	1.0	527	420	20.2	631	19.8	1972
Massachusetts.....	474	469	1.0	477	.6	478	426	10.9	585	22.3	1971
Michigan.....	467	465	.4	468	.1	487	291	40.2	580	19.0	1972
Minnesota.....	476	473	.6	479	.8	510	415	18.6	556	9.1	1971
Mississippi.....	443	434	2.2	452	1.9	504	461	8.6	550	9.0	1972
Missouri.....	468	467	.2	470	.4	492	347	29.4	570	16.0	1972
Montana.....	347	347	.1	347	.1	393	377	4.3	410	4.3	1971
Nebraska.....	495	494	.1	495	.1	523	516	1.4	529	1.0	1966
Nevada ¹	² 489	(X)	(X)	(X)	(X)	² 799	(X)	(X)	(X)	(X)	(X)
New Hampshire.....	369	367	.5	371	.5	460	450	2.3	471	2.3	1972
New Jersey.....	478	475	.6	480	.4	491	426	13.2	611	24.4	1972
New Mexico.....	508	505	.6	511	.6	650	635	2.2	665	2.2	1968
New York.....	468	467	.2	469	.3	450	234	48.1	604	34.1	1974
North Carolina.....	462	454	1.7	472	2.1	534	500	6.4	579	8.4	1972
North Dakota ¹	² 618	(X)	(X)	(X)	(X)	² 653	(X)	(X)	(X)	(X)	(X)
Ohio.....	463	462	.2	465	.3	469	352	25.0	544	15.8	1972
Oklahoma.....	427	426	.2	427	.2	504	460	8.9	542	7.6	1972
Oregon.....	523	522	.1	523	.1	658	541	17.8	707	7.4	1971
Pennsylvania.....	472	468	.8	478	1.4	475	388	18.2	542	14.2	1972
Rhode Island.....	475	474	.1	475	.1	474	463	2.3	484	2.3	1972
South Carolina.....	432	411	4.8	446	3.4	520	489	5.8	560	7.7	1971
South Dakota.....	333	333	(Z)	333	(Z)	345	344	.4	347	.4	1971
Tennessee.....	491	472	3.7	513	4.6	574	426	25.7	659	14.9	1972
Texas.....	467	466	.1	467	.1	590	423	28.4	862	46.1	1973
Utah.....	530	530	(Z)	530	(Z)	731	718	1.7	743	1.7	1971
Vermont ¹	² 445	(X)	(X)	(X)	(X)	² 511	(X)	(X)	(X)	(X)	(X)
Virginia.....	465	463	.4	466	.2	535	494	7.6	600	12.2	1972
Washington.....	487	478	1.8	523	7.3	580	470	20.3	695	17.8	1972
West Virginia.....	436	434	.4	438	.4	487	461	5.5	523	7.3	1971
Wisconsin.....	491	491	(Z)	491	(Z)	523	439	16.0	579	10.7	1971
Wyoming ¹	² 332	(X)	(X)	(X)	(X)	² 471	(X)	(X)	(X)	(X)	(X)

X. Not applicable. Z. Less than .05 percent. ¹ Representative elected at large. ² Total State population.

Source: U.S. Bureau of the Census, *Congressional District Data Book, Districts of the 93d Congress*, and reports for *Districts of the 94th Congress* for California, New York, and Texas; and *1980 Census of Population and Housing, Advance Reports*.

NO. 809. VOTE CAST FOR UNITED STATES REPRESENTATIVES, BY MAJOR POLITICAL PARTIES— STATES: 1976 TO 1980

[In thousands, except percent. In each State, totals represent the sum of votes cast in each Congressional District, except as follows: In Alaska, Delaware, Nevada, North Dakota, Vermont, and Wyoming, only 1 Representative was elected for the State at large. In numerous States, one or other of the major parties had no candidate in some districts. In those cases where votes of a party as such are cast in endorsement of a candidate of another party, votes are counted as for the endorsing party. See also *Historical Statistics, Colonial Times to 1970*, series Y 211-214]

STATE	1976				1978				1980			
	Total ¹	Democrat	Republican	Percent for leading party	Total ¹	Democrat	Republican	Percent for leading party	Total ¹	Democrat	Republican	Percent for leading party
Total²	74,422	41,864	31,264	56.3	55,332	29,688	24,849	53.7	77,995	39,338	37,370	50.4
Alabama ³	984	667	315	67.8	642	440	197	68.4	1,012	628	354	62.1
Alaska	118	34	84	70.8	124	55	69	55.4	155	40	114	73.8
Arizona	729	356	340	48.8	519	262	231	50.4	854	394	434	50.8
Arkansas ⁴	336	261	75	77.6	293	98	195	66.6	202	42	159	78.9
California	7,454	4,144	3,220	55.6	6,526	3,335	3,106	51.1	8,180	3,666	4,179	51.1
Colorado	1,021	455	537	53.1	755	369	402	51.2	1,150	506	619	53.9
Connecticut	1,348	682	651	50.6	1,021	592	423	58.0	1,339	685	640	51.9
Delaware	215	102	111	51.5	158	65	92	58.2	217	81	134	61.6
District of Columbia	160	123	22	77.3	96	77	12	70.5	151	112	21	74.4
Florida ⁴	2,083	1,126	937	54.1	1,620	948	672	58.5	3,094	1,813	1,276	58.6
Georgia ³	1,253	931	322	74.3	589	472	116	80.2	1,355	974	381	71.9
Hawaii	294	184	78	62.7	253	203	40	80.1	281	240	20	85.4
Idaho	342	162	180	52.6	285	118	167	58.6	415	182	233	58.1
Illinois	4,366	2,247	2,113	51.6	3,044	1,465	1,577	51.8	4,473	2,049	2,418	50.2
Indiana	2,103	1,166	932	55.5	1,449	752	681	51.9	2,189	1,087	1,100	51.1
Iowa	1,242	709	527	57.1	812	403	406	50.1	1,257	643	609	51.1
Kansas	809	349	545	60.0	676	233	441	65.2	933	405	520	55.7
Kentucky ³	989	606	374	61.2	477	265	208	55.5	1,056	610	442	57.8
Louisiana	1,014	624	385	61.5	770	472	290	61.3	730	437	290	59.9
Maine	473	151	315	66.5	370	141	209	58.5	513	138	375	73.1
Maryland	1,316	789	473	60.0	924	604	313	65.4	1,403	866	537	61.7
Massachusetts ³	2,345	1,510	723	64.4	1,809	1,249	472	69.0	2,256	1,473	758	65.3
Michigan	3,432	1,898	1,533	55.3	2,708	1,539	1,150	56.8	3,588	1,877	1,659	52.3
Minnesota	1,795	1,040	730	58.0	1,526	779	712	51.1	1,905	906	987	51.8
Mississippi	637	375	257	59.0	519	252	236	48.5	789	428	304	54.3
Missouri	1,905	1,081	812	56.7	1,546	967	576	62.5	2,051	1,110	941	54.1
Montana	321	180	140	56.2	283	143	140	50.6	339	176	162	52.1
Nebraska	602	211	386	64.1	495	184	311	62.8	625	187	451	72.2
Nevada	200	154	24	77.1	191	133	44	69.5	245	165	83	67.5
New Hampshire	325	174	149	53.4	258	122	134	51.7	364	177	187	51.3
New Jersey	2,811	1,539	1,218	54.7	1,934	1,044	838	54.0	2,741	1,316	1,369	49.9
New Mexico	401	185	215	53.5	285	166	118	58.5	409	176	187	45.8
New York ³	5,981	3,501	2,342	58.4	4,379	2,275	1,983	51.9	5,617	2,771	2,707	49.3
North Carolina ³	1,572	1,011	549	64.3	1,020	607	406	59.5	1,737	964	769	55.5
North Dakota	290	104	181	62.4	220	68	148	67.1	293	166	125	56.8
Ohio ³	3,842	1,818	1,917	49.9	2,780	1,278	1,472	52.9	3,852	1,788	2,136	54.0
Oklahoma ⁴	1,068	683	372	64.0	589	331	258	56.2	836	440	391	52.6
Oregon	927	599	263	64.7	874	587	258	67.2	1,106	657	439	59.4
Pennsylvania ³	4,434	2,410	2,007	54.4	3,542	1,805	1,711	51.0	4,321	2,056	2,162	55.3
Rhode Island	389	271	114	69.7	308	174	134	56.6	387	214	173	49.2
South Carolina	784	502	279	64.1	577	379	183	65.6	831	408	398	54.3
South Dakota	295	73	221	75.0	256	120	135	53.0	320	173	146	54.3
Tennessee ³	1,251	775	453	62.9	1,062	581	449	54.7	1,304	664	619	50.9
Texas ³	3,863	2,369	1,277	64.7	2,182	1,285	888	58.9	4,069	2,405	1,609	59.1
Utah	544	267	251	49.0	379	163	207	54.5	592	232	352	58.4
Vermont	185	60	124	67.4	121	23	91	75.3	195	-	154	79.2
Virginia ³	1,463	666	870	45.8	1,057	444	595	58.3	1,553	486	1,005	64.7
Washington	1,426	818	586	57.4	976	507	451	51.8	1,626	816	793	50.2
West Virginia	663	447	157	67.3	443	281	152	65.7	686	391	295	57.0
Wisconsin	1,962	1,190	761	60.7	1,450	769	676	53.0	2,134	1,072	1,055	50.2
Wyoming	152	86	66	56.4	129	54	76	58.6	170	53	116	68.6

- Represents zero. ¹ Includes vote cast for minor parties. ² Includes vote cast for Delegate at Large in District of Columbia. ³ 1980 data not available for unopposed candidates in the following number of districts: Ala. 1, Ga. 2, Ky. 2, Mass. 3, Miss. 1, N.C. 1, Ohio 2, Pa. 1, Tenn. 2, Tex. 4, and Va. 3. ⁴ State law does not require tabulation of votes for unopposed candidates. ⁵ 1976 data for 1st and 2d Districts; 1978 data for 2d and 3d Districts; 1980 data for 2d District only. ⁶ In 1976, Districts 1, 2, 3, and 4 were unopposed; in 1978, Districts 3, 7, 8, 10, and 13 were unopposed; in 1980, District 6 was unopposed. ⁷ Data are for September open primary. ⁸ Includes endorsing votes cast by other parties for Democratic and Republican candidates. ⁹ In 1978 and 1980, District 3 was unopposed.

Source: Compiled by U.S. Bureau of the Census. Data from Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

NO. 810. REPRESENTATIVES ELECTED, BY PERCENT OF VOTE CAST FOR WINNER AND MAJOR PARTY,
1970 TO 1980, AND BY STATES, 1980

YEAR AND STATE	TOTAL REPRESENTATIVES ELECTED				DEMOCRATS ELECTED				REPUBLICANS ELECTED				REPRESENTATIVES ELECTED WITH NO MAJOR PARTY OPPOSITION		
	Total	Percentage of vote			Total	Percentage of vote			Total	Percentage of vote			Total	Democrats	Republicans
		Under 55	55-59.9	60 and over		Under 55	55-59.9	60 and over		Under 55	55-59.9	60 and over			
1970	435	59	64	312	255	28	26	201	180	31	38	111	63	58	5
1972	435	67	60	308	242	28	29	185	192	38	31	123	54	46	8
1974	435	105	69	261	291	48	34	209	144	57	35	52	60	59	1
1976	435	76	62	297	292	52	32	208	143	24	30	89	52	46	6
1978	435	74	61	300	277	46	36	195	158	28	25	105	70	51	19
1980, total	435	78	63	294	243	35	35	173	192	43	28	121	54	39	15
Ala.....	7	1	-	6	4	-	-	4	3	1	-	2	4	3	1
Alaska.....	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-
Ariz.....	4	-	1	3	2	-	1	1	2	-	-	-	-	-	-
Ark.....	4	-	-	4	2	-	-	-	2	2	-	-	3	2	1
Calif.....	43	10	4	29	22	3	4	15	21	7	-	14	-	-	-
Colo.....	5	1	2	2	3	1	2	-	2	-	-	2	-	-	-
Conn.....	6	3	1	2	4	2	1	1	2	1	-	1	-	-	-
Del.....	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Fla.....	15	1	2	12	11	-	1	10	4	1	1	2	1	-	1
Ga.....	10	-	1	9	9	-	-	9	1	-	1	-	2	2	-
Hawaii.....	2	-	-	2	2	-	-	2	-	-	-	-	1	1	-
Idaho.....	2	1	1	-	-	-	-	-	2	1	1	-	-	-	-
Ill.....	24	1	1	22	10	1	-	9	14	-	1	13	-	-	-
Ind.....	11	3	3	5	6	3	1	2	5	-	2	3	-	-	-
Iowa.....	6	3	-	3	3	1	-	2	3	2	-	1	-	-	-
Kans.....	5	1	1	3	1	-	-	1	4	1	-	2	-	-	-
Ky.....	7	-	1	6	4	-	-	4	3	-	1	2	2	2	-
La.....	8	-	-	8	6	-	-	6	2	-	-	2	8	6	-
Maine.....	2	-	-	2	-	-	-	-	2	-	-	2	-	-	-
Md.....	8	1	2	5	7	1	2	4	1	-	-	1	-	-	-
Mass.....	12	2	-	10	10	2	-	8	2	-	-	2	3	3	-
Mich.....	19	5	2	12	12	3	1	8	7	2	1	4	2	1	1
Minn.....	8	2	1	5	3	-	1	2	5	2	-	3	-	-	-
Miss.....	5	1	-	4	3	-	-	3	2	1	-	1	1	1	-
Mo.....	10	-	3	7	6	-	1	5	4	-	2	2	-	-	-
Mont.....	2	-	1	1	1	-	-	1	1	-	1	-	-	-	-
Nebr.....	3	1	-	2	-	-	-	-	3	1	-	2	-	-	-
Nev.....	1	-	-	1	1	-	-	1	-	-	-	1	-	-	-
N.H.....	2	-	-	2	1	-	-	1	1	-	-	1	-	-	-
N.J.....	15	3	4	8	8	2	1	5	7	1	3	3	-	-	-
N. Mex.....	2	2	-	-	-	-	-	-	2	2	3	3	-	-	-
N.Y.....	39	5	8	26	22	2	5	15	17	3	3	11	4	4	-
N.C.....	11	4	2	5	7	2	1	4	4	2	1	1	1	1	-
N. Dak.....	1	-	1	-	1	-	1	-	-	-	-	-	-	-	-
Ohio.....	23	2	5	16	10	1	3	6	13	1	2	10	2	2	-
Okla.....	6	2	1	3	5	2	1	2	1	-	-	1	1	1	-
Oreg.....	4	2	-	2	3	1	-	2	1	1	-	-	-	-	-
Pa.....	25	6	2	17	13	3	1	9	12	3	1	8	2	1	1
R.I.....	2	-	1	1	1	-	-	1	1	-	-	-	-	-	-
S.C.....	6	2	2	2	2	-	1	1	4	2	1	1	2	1	1
S. Dak.....	2	-	1	1	1	-	-	1	1	-	1	-	-	-	-
Tenn.....	8	-	-	8	5	-	-	5	3	-	-	3	3	1	2
Texas.....	24	4	4	16	19	2	4	13	5	2	-	3	6	6	-
Utah.....	2	1	-	1	-	-	-	-	2	1	-	1	-	-	-
Vt.....	1	-	-	1	-	-	-	-	-	-	-	1	1	-	1
Va.....	10	3	-	7	1	-	-	1	9	3	-	6	5	1	4
Wash.....	7	2	2	3	5	2	1	2	2	-	1	1	-	-	-
W. Va.....	4	1	1	2	2	-	-	2	2	1	1	-	-	-	-
Wis.....	9	2	2	5	5	1	1	3	4	1	1	2	-	-	-
Wyo.....	1	-	-	1	-	-	-	-	1	-	-	1	-	-	-

- Represents zero. ¹ Includes one Representative elected as an Independent. ² There were 2 Democratic candidates in the 4th District.

Source: Compiled by U.S. Bureau of the Census from Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, No. 13, March 1979 and vol. 39, No. 17, April 5, 1981 (copyright).

NO. 811. COMPOSITION OF CONGRESS, BY POLITICAL PARTY: 1939 TO 1981

[D=Democratic, R=Republican. Data for beginning of first session of each Congress; exclude vacancies at beginning of session. See also *Historical Statistics, Colonial Times to 1970*, series Y 204-210]

YEAR	Party and President	Congress	HOUSE			SENATE		
			Majority party	Minority party	Other	Majority party	Minority party	Other
1939	D (F. Roosevelt)	76th	D-261	R-164	4	D-69	R-23	4
1941	D (F. Roosevelt)	77th	D-268	R-162	5	D-66	R-28	2
1943	D (F. Roosevelt)	78th	D-218	R-208	4	D-58	R-37	1
1945	D (F. Roosevelt)	79th	D-242	R-190	2	D-56	R-38	1
1947	D (Truman)	80th	R-245	D-188	1	R-51	D-45	-
1949	D (Truman)	81st	D-263	R-171	1	D-54	R-42	-
1951	D (Truman)	82d	D-234	R-199	1	D-49	R-47	-
1953	R (Eisenhower)	83d	R-221	D-211	1	R-48	D-47	1
1955	R (Eisenhower)	84th	D-232	R-203	-	D-48	R-47	1
1957	R (Eisenhower)	85th	D-233	R-200	-	D-49	R-47	-
1959 ¹	R (Eisenhower)	86th	D-284	R-153	-	D-65	R-35	-
1961	D (Kennedy)	87th	D-263	R-174	-	D-65	R-35	-
1963	D (Kennedy)	88th	D-258	R-177	-	D-67	R-33	-
1965	D (Johnson)	89th	D-295	R-140	-	D-68	R-32	-
1967	D (Johnson)	90th	D-247	R-187	-	D-64	R-36	-
1969	R (Nixon)	91st	D-243	R-192	-	D-57	R-43	-
1971 ²	R (Nixon)	92d	D-254	R-180	-	D-54	R-44	2
1973 ^{2,3}	R (Nixon) ⁴	93d	D-239	R-192	1	D-56	R-42	2
1975 ⁵	R (Ford) ⁴	94th	D-291	R-144	-	D-60	R-37	2
1977 ⁶	D (Carter)	95th	D-292	R-143	-	D-61	R-38	1
1979 ⁶	D (Carter)	96th	D-276	R-157	-	D-58	R-41	1
1981 ⁶	R (Reagan)	97th	D-243	R-192	-	R-53	D-46	1

- Represents zero. ¹ Includes Hawaii; members seated Aug. 1959. ² Senate had 1 Independent and 1 Conservative-Republican. ³ House had 1 Independent-Democrat. ⁴ Nixon resigned Aug. 1974. ⁵ Senate had 1 Independent, 1 Conservative-Republican, and 1 undecided (New Hampshire). ⁶ Senate had 1 Independent.

Source: U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; beginning 1977, biennial.

NO. 812. CONGRESSIONAL BILLS, ACTS, AND RESOLUTIONS: 1963 TO 1980

[Excludes simple and concurrent resolutions. See also *Historical Statistics, Colonial Times to 1970*, series Y 189-196]

ITEM	88th Cong., 1963-64	89th Cong., 1965-66	90th Cong., 1967-68	91st Cong., 1969-70	92d Cong., 1971-72	93d Cong., 1973-74	94th Cong., 1975-76	95th Cong., 1977-78	96th Cong., 1979-80
Measures introduced	17,480	24,003	26,460	26,303	22,969	23,396	21,095	19,387	12,583
Bills	16,079	22,463	24,786	24,631	21,363	21,950	19,762	18,045	11,722
Joint resolutions	1,401	1,520	1,674	1,672	1,606	1,446	1,334	1,342	861
Measures enacted	1,026	1,283	1,002	941	768	774	729	803	736
Public	666	810	640	695	607	651	588	633	613
Private	360	473	362	246	161	123	141	170	123

Source: U.S. Congress, *Calendars of the U.S. House of Representatives and History of Legislation*, annual.

NO. 813. CONGRESSIONAL BILLS VETOED: 1923 TO 1981

[See also *Historical Statistics, Colonial Times to 1970*, series Y 199-203]

PERIOD	President	Total vetoes	Regular vetoes	Pocket vetoes	Vetoes sustained	Bills passed over veto
1923-1929	Coolidge	50	20	30	46	4
1929-1933	Hoover	37	21	16	34	3
1933-1945	F. Roosevelt	635	372	263	626	9
1945-1953	Truman	250	180	70	238	12
1953-1961	Eisenhower	181	73	108	179	2
1961-1963	Kennedy	21	12	9	21	-
1963-1969	Johnson	30	16	14	30	-
1969-1974	Nixon ¹	42	24	18	36	6
1974-1977	Ford ¹	72	53	19	60	12
1977-1981	Carter	31	13	18	29	2

- Represents zero. ¹ Nixon resignation effective August 8, 1974.

Source: U.S. Congress, Senate Library, *Presidential Vetoes . . . 1789-1968*; U.S. Congress, *Calendars of the U.S. House of Representatives and History of Legislation*, annual.

NO. 814. COMPOSITION OF CONGRESS, BY POLITICAL PARTY AFFILIATIONS—STATES: 1975 TO 1981

[Figures are for the beginning of the first session. Dem.=Democratic; Rep.=Republican]

STATE	REPRESENTATIVES								SENATORS							
	94th Cong., 1975		95th Cong., 1977		96th Cong., ¹ 1979		97th Cong., 1981		94th Cong., ² 1975		95th Cong., ³ 1977		96th Cong., ⁴ 1979		97th Cong., ⁴ 1981	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
Total	291	144	292	143	276	157	243	192	60	37	61	38	58	41	46	53
Alabama.....	4	3	4	3	4	3	4	3	2	-	2	-	2	-	1	1
Alaska.....	-	1	-	1	-	1	-	1	1	1	1	1	1	1	-	2
Arizona.....	1	3	2	2	2	2	2	2	-	2	1	1	1	1	1	1
Arkansas.....	3	1	3	1	2	2	2	2	2	-	2	-	2	-	2	-
California.....	28	15	29	14	25	17	22	21	2	-	1	1	1	1	1	1
Colorado.....	3	2	3	2	3	2	3	2	2	-	2	-	1	1	1	1
Connecticut.....	4	2	4	2	5	1	4	2	1	1	1	1	1	1	1	1
Delaware.....	-	1	-	1	-	1	-	1	1	1	1	1	1	1	1	1
Florida.....	10	5	10	5	12	3	11	4	2	-	2	-	2	-	1	1
Georgia.....	10	-	10	-	9	1	9	1	2	-	2	-	2	-	1	1
Hawaii.....	2	-	2	-	2	-	2	-	1	1	2	-	2	-	2	-
Idaho.....	-	2	-	2	-	2	-	2	1	1	1	1	1	1	-	2
Illinois.....	13	11	12	12	11	13	10	14	1	1	1	1	1	1	1	1
Indiana.....	9	2	8	3	7	4	6	5	2	-	1	1	1	1	-	2
Iowa.....	5	1	4	2	3	3	3	3	2	-	2	-	1	1	-	2
Kansas.....	1	4	2	3	1	4	1	4	-	2	-	2	-	2	-	2
Kentucky.....	5	2	5	2	4	3	4	3	2	-	2	-	2	-	2	-
Louisiana.....	6	2	6	2	5	3	6	2	2	-	2	-	2	-	1	1
Maine.....	-	2	-	2	-	2	-	2	2	-	2	-	1	1	1	1
Maryland.....	5	3	5	3	6	2	7	1	-	2	1	1	1	1	1	1
Massachusetts.....	10	2	10	2	10	2	10	2	1	1	1	1	2	-	2	-
Michigan.....	12	7	11	8	13	6	12	7	1	1	1	1	2	-	2	-
Minnesota.....	5	3	5	3	4	4	3	5	2	-	2	-	-	2	-	2
Mississippi.....	3	2	3	2	3	2	3	2	2	-	2	-	1	1	1	1
Missouri.....	9	1	8	2	8	2	6	4	2	-	1	1	1	1	1	1
Montana.....	2	-	1	1	1	1	1	1	2	-	2	-	2	-	2	-
Nebraska.....	-	3	1	2	1	2	-	3	-	2	1	1	2	-	2	-
Nevada.....	1	-	1	-	1	-	1	-	1	1	1	1	1	1	1	1
New Hampshire.....	1	1	1	1	1	1	1	1	1	-	2	-	1	1	-	2
New Jersey.....	12	3	11	4	10	5	8	7	1	1	1	1	2	-	2	-
New Mexico.....	1	1	1	1	1	1	-	2	1	1	-	2	-	2	-	2
New York.....	27	12	28	11	26	13	22	17	-	1	1	1	1	1	1	1
North Carolina.....	9	2	9	2	9	2	7	4	1	1	1	1	1	1	-	2
North Dakota.....	-	1	-	1	-	1	1	-	1	1	1	1	1	1	1	1
Ohio.....	8	15	10	13	10	13	10	13	1	1	2	-	2	-	2	-
Oklahoma.....	6	-	5	1	5	1	5	1	-	2	-	2	1	1	1	1
Oregon.....	4	-	4	-	4	-	3	1	-	2	-	2	-	2	-	2
Pennsylvania.....	14	11	17	8	15	10	13	12	-	2	-	2	-	2	-	2
Rhode Island.....	2	-	2	-	2	-	1	1	2	-	1	1	1	1	1	1
South Carolina.....	5	1	5	1	4	2	2	4	1	1	1	1	1	1	1	1
South Dakota.....	-	2	-	2	1	1	1	1	2	-	2	-	1	1	-	2
Tennessee.....	5	3	5	3	5	3	5	3	-	2	1	1	1	1	1	1
Texas.....	21	3	22	2	20	4	19	5	1	1	1	1	1	1	1	1
Utah.....	2	-	1	1	1	1	-	2	1	1	-	2	-	2	-	2
Vermont.....	-	1	-	1	-	1	-	1	1	1	1	1	1	1	1	1
Virginia.....	5	5	4	6	4	6	1	9	-	1	-	-	-	1	-	1
Washington.....	6	1	6	1	6	1	5	2	2	-	2	-	2	-	1	1
West Virginia.....	4	-	4	-	4	-	2	2	-	-	2	-	2	-	1	1
Wisconsin.....	7	2	7	2	6	2	5	4	2	-	2	-	2	-	2	2
Wyoming.....	1	-	1	-	-	1	-	1	1	1	-	2	-	-	-	-

- Represents zero. ¹ Calif. and Wis. each had 1 vacancy. ² N.Y. had 1 Senator classified Conservative-Republican and Va. had 1 Senator classified Independent. ³ One Senate seat (N.H.) was undecided at beginning of session; subsequently became Democratic. ⁴ Va. had 1 Senator classified Independent.

Source: U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; beginning 1977, biennial.

Elections

NO. 815. MEMBERS OF CONGRESS—INCUMBENTS RE-ELECTED: 1956 TO 1980

ITEM	PRESIDENTIAL-YEAR ELECTIONS							MIDTERM ELECTIONS						
	1956	1960	1964	1968	1972	1976	1980	1958	1962	1966	1970	1974	1978	
Representatives:														
Incumbent candidates.....	411	405	397	409	390	384	398	396	402	411	401	391	382	
Re-elected.....	389	375	344	396	365	368	361	356	368	362	379	343	358	
Percent of candidates.....	94.6	92.6	86.6	96.8	93.6	95.8	90.7	89.9	91.5	88.1	94.5	87.7	93.7	
Defeated: In primaries.....	6	15	8	4	12	3	6	3	12	8	10	8	5	
In general elections.....	16	25	45	9	13	13	31	37	22	41	12	40	19	
Senators:														
Incumbent candidates.....	29	29	33	28	27	25	29	28	35	32	31	27	25	
Re-elected.....	25	28	28	20	20	16	16	18	29	28	24	23	15	
Percent of candidates.....	86.2	96.6	84.8	71.4	74.1	64.0	55.2	64.3	82.9	87.5	77.4	85.2	60.0	
Defeated: In primaries.....	-	-	1	4	2	-	4	-	1	3	1	2	3	
In general elections.....	4	1	4	4	5	9	9	10	5	1	6	2	7	

- Represents zero. ¹ Excludes one Representative defeated in primary who was subsequently the party's nominee after primary victor's death.

Source: Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, No. 14, April 5, 1980 (copyright) and unpublished data.

NO. 816. MEMBERS OF CONGRESS—SELECTED CHARACTERISTICS: 1971 TO 1981

[As of beginning of first session of each Congress. Figures for Representatives exclude vacancies]

MEMBERS OF CONGRESS AND YEAR	Male	Female	RACE			Married	Not married ¹	AGE (in years)						
			White	Black	Other			Under 40	40-49	50-59	60-69	70-79	80 and over	
REPRESENTATIVES														
92d Cong., 1971	421	12	419	12	2	407	26	40	133	152	86	19	3	
93d Cong., 1973	419	14	416	15	2	399	34	45	132	154	80	20	2	
94th Cong., 1975	416	19	417	15	3	381	54	69	138	137	75	14	2	
95th Cong., 1977	417	18	417	16	2	379	56	81	121	147	71	15	-	
96th Cong., 1979	417	16	414	16	3	364	69	86	125	145	63	14	-	
97th Cong., 1981	416	19	415	17	3	349	86	94	142	132	54	12	1	
SENATORS														
92d Cong., 1971	99	1	97	1	2	97	3	4	24	32	23	16	1	
93d Cong., 1973	100	-	97	1	2	96	4	3	25	37	23	11	-	
94th Cong., 1975 ²	100	-	97	1	2	94	6	5	21	35	24	15	1	
95th Cong., 1977	100	-	96	1	3	91	9	6	26	35	21	10	2	
96th Cong., 1979	99	1	97	-	3	95	5	10	31	33	17	8	1	
97th Cong., 1981	98	2	97	-	3	93	7	9	35	36	14	6	-	

- Represents zero. ¹ Single, widowed, or divorced. ² Includes Sen. Durkin, N.H., seated Sept. 1975.

NO. 817. MEMBERS OF CONGRESS—SENIORITY AND OCCUPATION: 1975 TO 1981

[As of beginning of first session, Dem.=Democratic; Rep.=Republican]

SENIORITY AND OCCUPATION	REPRESENTATIVES							SENATORS				
	94th Cong., 1975	95th Cong., 1977	96th Cong., 1979	97th Cong., 1981			94th Cong., 1975	95th Cong., 1977	96th Cong., 1979	97th Cong., 1981		
				Total	Dem.	Rep.				Total	Dem.	Rep.
Total.....	435	435	435	435	243	192	100	100	100	100	46	53
Seniority:												
Less than 2 years.....	96	71	80	77	24	53	11	18	20	19	3	16
2-9 years.....	182	207	206	231	143	88	41	41	41	51	26	25
10-19 years.....	125	116	105	96	53	43	34	24	23	17	7	9
20-29 years.....	42	33	32	23	15	8	10	12	12	11	8	3
30 years or more.....	10	8	10	8	8	-	4	5	4	2	2	-
Occupation:²												
Agriculture.....	31	16	19	28	11	17	10	9	6	9	2	7
Business or banking.....	140	118	127	134	58	76	22	24	29	28	13	15
Education.....	64	70	57	59	39	20	10	8	7	10	5	5
Journalism.....	24	27	11	21	9	12	5	6	2	7	4	3
Law.....	221	222	205	194	114	80	67	68	65	59	33	26
Public service/politics ⁴	346	360	41	52	31	21	94	17	12	13	6	7

- Represents zero. ¹ Includes 2 vacancies. ² Includes 1 Independent. ³ Not all occupations reported are listed. Source: Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, No. 4, Jan. 24, 1981, and previous issues (copyright). Members of Congress may state more than 1 occupation; therefore, sum may be greater than total.

⁴ Beginning 95th Congress, data not comparable with 94th Congress because of change in criteria.

Source of tables 816 and 817: Except as noted, compiled by U.S. Bureau of the Census from U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; beginning 1977, biennial.

No. 818. ELECTED STATE AND LOCAL GOVERNMENT OFFICIALS, BY REGIONS: 1977

[For composition of regions, see fig. 1, inside front cover. For explanation of methodology, see Appendix III]

TYPE OF GOVERNMENT	Number of governments	Total elected officials	Average per government	ELECTED OFFICIALS IN—			
				Northeast	No. Central	South	West
Total	79,912	490,265	6.1	102,187	224,400	102,327	61,351
State governments.....	50	15,294	305.9	3,362	3,952	5,404	2,576
Local governments ¹	79,862	474,971	6.0	98,825	220,448	96,923	58,775
Counties.....	3,042	82,922	20.7	3,201	25,865	27,805	6,051
Municipalities.....	18,862	134,017	7.1	20,723	59,577	39,782	13,935
Townships.....	16,822	118,966	7.1	47,495	71,471	-	-
School districts.....	15,174	87,082	5.7	18,404	36,683	17,445	14,530
Special districts.....	25,962	72,377	2.8	9,351	28,859	11,891	24,276

- Represents zero. ¹ Adjusted to exclude officials serving both county and township or city governments.Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 1, No. 2, *Popularly Elected Officials of State and Local Governments*.

No. 819. VOTE CAST FOR AND GOVERNOR ELECTED, BY STATES: 1974 TO 1980

[In thousands, except percent. D=Democratic, R=Republican, I=Independent]

STATE	1974		1976		1978		1980		Candidate elected at most recent election
	Total vote ¹	Percent leading party	Total vote ¹	Percent leading party	Total vote ¹	Percent leading party	Total vote ¹	Percent leading party	
Alabama.....	598	D-83.2	(x)	(x)	760	D-72.6	(x)	(x)	Forrest H. James.
Alaska.....	96	R-47.7	(x)	(x)	127	R-39.1	(x)	(x)	Jay S. Hammond.
Arizona.....	552	D-50.4	(x)	(x)	539	D-52.5	(x)	(x)	Bruce Babbitt.
Arkansas.....	546	D-65.6	727	D-83.2	529	D-63.3	839	R-51.9	Frank D. White.
California.....	6,248	D-50.1	(x)	(x)	6,922	D-56.0	(x)	(x)	Edmund Brown, Jr.
Colorado.....	829	D-53.2	(x)	(x)	824	D-58.8	(x)	(x)	Richard D. Lamm.
Connecticut.....	1,103	D-58.4	(x)	(x)	1,037	D-59.2	(x)	(x)	Ella T. Grasso.
Delaware.....	(x)	(x)	230	R-56.9	(x)	(x)	225	R-70.6	Pierre S. du Pont.
Florida.....	1,828	D-61.2	(x)	(x)	2,530	D-55.6	(x)	(x)	Robert Graham.
Georgia.....	936	D-69.1	(x)	(x)	663	D-80.7	(x)	(x)	George Busbee.
Hawaii.....	250	D-54.6	(x)	(x)	282	D-54.5	(x)	(x)	George R. Ariyoshi.
Idaho.....	260	D-70.9	(x)	(x)	289	D-74.5	(x)	(x)	John V. Evans.
Illinois.....	(x)	(x)	4,639	R-64.7	3,150	R-59.0	(x)	(x)	James R. Thompson.
Indiana.....	(x)	(x)	2,175	R-56.8	(x)	(x)	2,178	R-57.7	Robert D. Orr.
Iowa.....	920	R-58.1	(x)	(x)	843	R-58.3	(x)	(x)	Robert Ray.
Kansas.....	784	R-49.5	(x)	(x)	736	D-49.4	(x)	(x)	John Carlin.
Kentucky ²	748	D-62.8	(x)	(x)	939	D-59.4	(x)	(x)	John Y. Brown.
Louisiana.....	³ 1,203	³ 62.4	(x)	(x)	⁴ 1,372	⁴ R-50.3	(x)	(x)	David C. Treen.
Maine.....	964	I-39.1	(x)	(x)	370	D-47.7	(x)	(x)	Joseph E. Brennan.
Maryland.....	949	D-63.5	(x)	(x)	1,012	D-71.0	(x)	(x)	Harry Hughes.
Massachusetts.....	1,855	D-53.4	(x)	(x)	1,962	D-52.5	(x)	(x)	Edward J. King.
Michigan.....	2,657	R-51.1	(x)	(x)	2,867	R-56.8	(x)	(x)	William Milliken.
Minnesota.....	1,253	D-62.8	(x)	(x)	1,586	R-52.3	(x)	(x)	Albert H. Quie.
Mississippi ²	708	D-52.2	(x)	(x)	677	D-61.1	(x)	(x)	William Winter.
Missouri.....	(x)	(x)	1,934	D-50.2	(x)	(x)	2,088	R-52.6	Christopher S. Bond.
Montana.....	(x)	(x)	317	D-61.7	(x)	(x)	380	D-55.4	Ted Schwinden.
Nebraska.....	451	D-59.2	(x)	(x)	492	R-55.9	(x)	(x)	Charles Thone.
Nevada.....	169	D-67.4	(x)	(x)	192	R-56.2	(x)	(x)	Robert F. List.
New Hampshire.....	227	R-51.1	343	R-57.7	270	D-49.4	384	D-59.0	Hugh J. Gallen.
New Jersey ⁵	2,122	D-66.7	2,126	D-55.7	(x)	(x)	2,368	R-48.4	Thomas Kean.
New Mexico.....	329	D-49.9	(x)	(x)	346	D-50.5	(x)	(x)	Bruce King.
New York.....	5,293	D-57.2	(x)	(x)	4,789	D-50.9	(x)	(x)	Hugh Carey.
North Carolina.....	(x)	(x)	1,654	D-65.0	(x)	(x)	1,847	D-61.9	James B. Hunt, Jr.
North Dakota.....	(x)	(x)	297	D-51.6	(x)	(x)	303	R-53.6	Allen I. Olson.
Ohio.....	3,072	R-48.6	(x)	(x)	2,843	R-49.3	(x)	(x)	James Rhodes.
Oklahoma.....	805	D-63.9	(x)	(x)	777	D-51.7	(x)	(x)	George Nigh.
Oregon.....	771	D-57.7	(x)	(x)	911	R-54.7	(x)	(x)	Victor Attyeh.
Pennsylvania.....	3,491	D-53.8	(x)	(x)	3,742	D-52.5	(x)	(x)	Richard Thornburgh.
Rhode Island.....	322	D-78.5	399	D-54.8	314	D-62.8	406	D-73.7	J. Joseph Garrahy.
South Carolina.....	523	R-60.9	(x)	(x)	627	D-61.4	(x)	(x)	Richard Riley.
South Dakota.....	278	D-63.6	(x)	(x)	260	R-56.6	(x)	(x)	William Janklow.
Tennessee.....	1,041	D-55.4	(x)	(x)	1,190	R-55.8	(x)	(x)	Lamar Alexander.
Texas.....	1,655	D-61.4	(x)	(x)	2,370	R-50.0	(x)	(x)	William Clements.
Utah.....	(x)	(x)	540	D-52.0	(x)	(x)	600	D-55.2	Scott M. Matheson.
Vermont.....	141	D-56.6	186	R-53.4	124	R-62.8	210	R-58.6	Richard S. Snelling.
Virginia ⁵	1,035	R-50.7	1,251	R-55.9	(x)	(x)	1,421	D-53.5	Charles Robb.
Washington.....	(x)	(x)	1,548	D-53.1	(x)	(x)	1,731	R-56.7	John Spellman.
West Virginia.....	(x)	(x)	749	D-66.2	(x)	(x)	742	D-54.1	John Rockefeller, IV.
Wisconsin.....	1,182	D-53.2	(x)	(x)	1,501	R-54.4	(x)	(x)	Lee Dreyfus.
Wyoming.....	128	D-55.9	(x)	(x)	138	D-50.9	(x)	(x)	Ed Herschler.

X Not applicable. ¹ Includes minor party and scattered votes. ² Voting years, 1975 and 1979. ³ Primary election, Nov. 1975, held on a non-party basis. ⁴ Dec. 1979 vote. ⁵ Voting years, 1973, 1977, and 1981.Source: Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

No. 820. COMPOSITION OF STATE LEGISLATURES, BY POLITICAL PARTY AFFILIATIONS: 1974 TO 1980

[Dates shown refer to election years in most States, to odd-year elections a year previously, in a few. Figures reflect immediate results of elections, including holdover members in State houses which do not have all of their members running for re-election. Dem. = Democratic; Rep. = Republican. In general, Lower House refers to body consisting of State Representatives; Upper House, of State Senators]

STATE	LOWER HOUSE								UPPER HOUSE							
	1974 ^{1,2}		1976 ^{3,4}		1978 ^{5,6}		1980 ⁷		1974 ^{1,8}		1976 ^{4,9}		1978 ^{6,10}		1980 ¹¹	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
U.S.....	3,793	1,765	3,772	1,783	3,454	2,027	3,298	2,181	1,307	620	1,306	618	1,260	669	1,185	737
Ala.....	105	-	103	2	101	4	100	4	35	-	34	-	35	-	35	-
Alaska ¹²	30	9	25	15	25	14	22	16	13	7	12	8	9	11	11	9
Ariz.....	27	33	22	38	18	42	17	43	18	12	16	14	14	16	14	16
Ark. ¹²	98	2	95	5	94	6	93	7	34	1	34	1	35	-	34	1
Calif. ¹²	55	25	57	23	50	30	48	32	25	15	26	14	25	14	23	17
Colo. ¹²	39	26	30	35	27	38	26	39	16	19	17	18	13	22	13	22
Conn.....	118	33	91	60	103	48	83	68	29	7	22	14	26	10	22	13
Del. ¹²	25	16	25	15	20	21	16	25	13	8	13	8	13	8	12	9
Fla. ¹²	86	34	93	27	89	31	81	39	27	12	30	9	29	11	27	13
Ga.....	155	24	156	24	160	20	156	23	51	5	52	4	51	5	51	5
Hawaii.....	35	16	41	10	42	9	39	12	18	7	18	7	18	7	17	8
Idaho.....	27	43	22	48	20	50	14	56	13	22	15	20	16	19	12	23
Ill.....	101	76	94	83	89	88	86	91	34	25	34	25	32	27	30	29
Ind. ¹²	56	44	48	52	46	54	35	63	23	27	28	22	21	29	15	35
Iowa ¹²	61	39	59	41	44	56	42	58	26	24	26	24	21	29	22	28
Kans.....	53	72	65	60	58	69	53	72	14	26	19	21	19	21	16	24
Ky. ¹²	78	22	78	22	75	25	75	24	30	8	29	9	29	9	29	9
La.....	101	4	101	4	96	9	95	10	38	1	38	1	39	-	39	-
Maine.....	91	59	89	62	77	73	84	67	14	19	12	21	13	19	16	17
Md.....	126	15	125	15	125	16	125	15	39	8	39	8	40	7	40	7
Mass.....	190	45	192	44	129	30	128	31	33	7	34	6	34	6	32	7
Mich.....	66	44	68	42	70	40	64	46	24	14	24	14	24	14	24	14
Minn.....	103	31	100	34	87	87	70	64	38	28	48	19	47	20	45	22
Miss.....	119	3	117	3	116	4	115	4	50	2	50	2	48	4	48	4
Mo. ¹²	114	49	112	51	117	46	111	52	23	11	22	12	22	12	23	10
Mont. ¹²	67	33	57	43	55	45	43	57	30	20	25	25	26	24	21	29
Nebr.....	(13)	(13)	(13)	(13)	(13)	(13)	(13)	(13)	(13)	(13)	(13)	(13)	(13)	(13)	(13)	(13)
Nev. ¹²	31	9	35	5	26	14	26	14	17	3	17	3	15	5	15	5
N.H.....	167	233	175	219	170	223	160	238	12	12	12	12	11	13	10	13
N.J.....	49	31	54	26	44	38	44	36	29	10	27	13	27	13	25	13
N. Mex.....	51	19	48	22	41	29	41	29	29	13	33	9	32	10	22	20
N.Y.....	88	62	87	56	86	64	86	63	28	34	21	36	25	35	25	35
N.C.....	111	9	114	6	106	14	95	24	49	1	47	3	44	6	40	10
N. Dak. ¹²	40	62	50	50	29	71	27	73	17	34	18	32	15	35	10	40
Ohio ¹²	59	40	62	37	62	37	54	45	21	12	21	12	18	15	15	18
Okla. ¹²	76	25	78	22	75	26	73	28	39	9	39	9	38	10	37	11
Oreg. ¹²	38	22	37	23	34	26	33	27	22	7	24	6	23	7	22	8
Pa. ¹²	114	89	118	84	100	102	100	103	29	20	28	20	28	22	23	25
R.I.....	83	17	83	17	84	16	82	18	46	4	45	5	46	4	43	7
S.C. ¹²	107	17	111	12	107	16	107	17	44	2	43	3	43	3	41	5
S. Dak.....	33	37	22	48	22	48	21	49	19	16	12	23	11	24	10	25
Tenn.....	63	35	66	32	60	38	57	39	20	12	23	9	20	12	20	12
Tex. ¹²	134	16	131	19	127	23	114	35	28	3	27	4	26	5	23	7
Utah ¹²	40	35	35	40	24	51	17	58	15	14	17	12	10	19	7	22
Vt.....	65	75	75	74	69	79	64	86	12	18	9	21	10	20	14	16
Va.....	78	17	76	21	74	25	74	25	35	5	35	5	31	9	31	9
Wash. ¹²	62	36	62	36	49	49	42	56	30	19	29	20	30	19	24	25
W. Va. ¹²	86	14	91	9	74	26	78	22	26	8	28	6	26	8	27	7
Wis. ¹²	63	36	66	33	60	37	59	39	19	14	22	11	21	12	19	14
Wyo. ¹²	29	32	29	32	20	42	23	39	15	15	12	18	11	19	11	19

- Represents zero. ¹ Status as of late 1975; includes elections held and vacancies filled in 1975. ² Excludes 1 independent each for Alaska, Maine, Tenn., and Wyo.; 3 independents for Mass., 5 independents for Va., and 10 independents for Vt.; 1 vacancy for Ga. and 2 vacancies for Mass. ³ Excludes 1 independent each for Miss., N.Y., Tenn., Vt., and Wyo.; 3 independents each for Mass. and Va.; 1 vacancy each for Md., Mass., Miss., Pa., and S.C.; 4 vacancies for N.Y., and 6 vacancies for N.H. ⁴ Status as of January 1978; includes elections held and vacancies filled in 1977. ⁵ Excludes 1 independent each for Maine, Mass., Tenn., and Va.; 1 Libertarian for Alaska; 2 Independent-Republicans for Miss.; 2 independents for Vt.; 1 vacancy each for Pa. and S.C.; 2 vacancies for Wis.; and 7 vacancies for N.H. ⁶ Status as of January 1980; includes elections held and vacancies filled in 1979. ⁷ Excludes 1 independent each for Md., Mass., and Va.; 2 independents each for Miss. and Tenn.; 2 Libertarians for Alaska; 1 vacancy each for Ala., Ga., Ky., Miss., N.Y., N.C., Tenn., Tex., and Wis.; and 2 vacancies each for Ind. and N.H. ⁸ Excludes 1 independent each for Fla., Minn., N.J., Oreg., and Tenn.; and 1 vacancy for Pa. ⁹ Excludes 1 independent each for Ala., Fla., and Tenn.; 2 vacancies for Pa., and 3 vacancies for N.Y. ¹⁰ Excludes 1 independent each for Maine and Tenn.; and 1 vacancy for Calif. ¹¹ Excludes 1 independent each for Mass. and Tenn.; 1 vacancy each for Conn., Mo., N.H., and Tex.; and 2 vacancies each for N.J. and Pa. ¹² Upper House members serve 4-year terms, some elected every 2 years. ¹³ Single chamber (unicameral body) of 49 members, elected without party designation.

Source: The Council of State Governments, Lexington, Kentucky, *Book of the States*, and its *Supplement I*, both biennial. (Copyright.)

NO. 821. BLACK ELECTED OFFICIALS, BY OFFICE, 1970 TO 1980, AND BY REGIONS AND STATES, 1980

[As of July 1980, no Black elected officials had been identified in Idaho, Montana, North Dakota, South Dakota, Utah, Vermont, or Wyoming. For composition of regions, see fig. 1, inside front cover.]

YEAR, REGION, AND STATE	Total	U.S. and State legislatures ¹	City and county offices ²	Law enforcement ³	Education ⁴	STATE	Total	U.S. and State legislatures ¹	City and county offices ²	Law enforcement ³	Education ⁴
1970 (Feb.)	1,472	182	715	213	362	Iowa	6	-	-	1	5
1972 (Mar.)	2,264	224	1,108	263	689	Kans.	28	5	14	1	8
1973 (Apr.)	2,621	256	1,264	334	767	Ky.	71	4	43	10	14
1974 (Apr.)	2,981	258	1,602	340	793	La.	363	12	217	42	92
						Maine	2	-	2	-	-
1975 (Apr.)	3,503	299	1,878	387	939	Md.	85	21	53	9	2
1976 (Apr.)	3,979	299	2,274	412	994	Mass.	27	6	11	-	10
1977 (July)	4,311	316	2,497	447	1,051	Mich.	284	18	123	36	107
1978 (July)	4,503	316	2,595	454	1,138	Minn.	10	1	3	3	3
1979 (July)	4,584	315	2,647	466	1,136	Miss.	387	17	218	78	74
1980, July	4,890	326	2,832	526	1,206	Mo.	136	15	95	12	14
Northeast	570	55	208	93	216	Nebr.	7	1	1	-	5
North Central	1,041	88	581	104	268	Nev.	6	3	1	1	1
South	2,981	160	1,959	258	604	N.H.	1	1	-	-	-
West	298	23	86	71	118	N.J.	151	5	79	-	67
						N. Mex.	2	-	1	-	1
Ala.	238	15	157	40	26	N.Y.	200	18	37	39	106
Alaska	3	-	2	-	1	N.C.	247	5	172	8	62
Ariz.	4	2	5	2	5	Ohio	186	13	111	20	42
Ark.	227	4	136	1	86	Okla.	77	4	50	2	21
Calif.	237	12	64	58	103	Oreg.	6	1	2	2	1
Colo.	15	2	5	5	3	Pa.	129	17	45	48	19
Conn.	53	7	27	6	13	R.I.	7	1	5	-	1
Del.	14	3	9	-	2	S.C.	236	14	138	20	66
D.C.	261	1	252	-	8	Tenn.	112	13	78	7	14
Fla.	109	4	87	6	12	Tex.	196	14	82	21	79
Ga.	249	23	173	8	45	Va.	91	5	82	4	3
Hawaii	1	1	-	-	-	Wash.	14	2	6	3	3
Ill.	298	24	177	24	73	W. Va.	16	1	12	2	1
Ind.	66	7	48	5	6	Wis.	20	4	9	2	5

- Represents zero. ¹ Includes elected State administrators and directors of State agencies. ² County commissioners and councilmen, mayors, vice mayors, aldermen, regional officials, and other. ³ Judges, magistrates, constables, marshals, sheriffs, justices of the peace, and other. ⁴ College boards, school boards and other.

Source: Joint Center for Political Studies, Washington, D.C., *National Roster of Black Elected Officials*, annual. (Copyright.)

NO. 822. VOTER REGISTRATION IN 11 SOUTHERN STATES, BY RACE: 1960 TO 1980

[In thousands, except percent. For 1960 to 1970, population 21 yr. and over, except Ga., 18 yr. and over; beginning 1975, population 18 yr. and over for all Southern States. For voting age population, see table 825.]

YEAR AND RACE	Total	Ala.	Ark.	Fla.	Ga.	La.	Miss.	N.C.	S.C.	Tenn.	Tex.	Va.
1960: White	12,276	860	518	1,819	1,020	993	478	1,861	481	1,300	2,079	867
Black	1,463	66	73	183	180	159	22	210	58	185	227	100
Percent White ¹	61.1	63.6	60.9	69.3	56.8	76.9	83.9	92.1	57.1	73.0	42.5	46.1
Percent Black ^{1,2}	29.1	13.7	38.0	39.4	29.3	31.1	5.2	39.1	13.7	59.1	35.5	23.1
1966: White	14,310	1,192	598	2,093	1,378	1,072	471	1,654	718	1,375	2,600	1,159
Black	2,689	250	115	303	300	243	175	282	191	225	400	205
1968: White	15,702	1,117	640	2,195	1,524	1,133	691	1,579	587	1,448	3,332	1,256
Black	3,112	273	130	292	344	305	251	305	189	228	540	255
1970: White	16,985	1,311	728	2,495	1,515	1,143	690	1,640	668	1,600	3,599	1,496
Black	3,357	315	153	302	395	319	286	305	221	242	550	269
1975: White	19,429	1,486	797	3,119	1,534	1,338	866	1,919	660	1,697	4,252	1,762
Black	3,835	307	200	356	556	393	286	355	222	262	610	289
1976: White	21,690	1,544	817	3,480	1,703	1,445	866	2,137	828	1,886	5,191	1,794
Black	4,149	321	204	410	598	421	286	396	285	271	640	317
1980: White	24,981	1,700	1,056	4,331	1,800	1,550	1,152	2,314	916	2,200	6,020	1,942
Black	4,254	350	130	469	450	465	330	440	320	300	620	360
Percent White ¹	79.4	81.8	81.0	72.0	65.8	77.2	102.2	72.0	61.8	80.2	71.2	82.5
Percent Black ¹	57.7	57.5	59.9	61.4	51.9	61.3	64.1	55.3	55.8	66.7	54.8	54.1

¹ Of voting age population. ² Includes other minority races. ³ Estimated. ⁴ 1975 data.

Source: Voter Education Project, Inc., Atlanta, Ga., *Voter Registration in the South*, issued irregularly.

Elections

NO. 823. WOMEN HOLDING STATE AND LOCAL PUBLIC OFFICES, BY OFFICE, 1975 TO 1980, AND BY STATES, 1980

[As of August. For data on women in U.S. Congress, see table 816]

YEAR AND STATE	Total	State legis- la- ture	County com- mis- sion	Mayor- alty	Town- ships and local councils	STATE	Total	State legis- la- ture	County com- mis- sion	Mayor- alty	Town- ships and local councils
1975.....	7,089	702	456	566	5,365	Minn.....	520	18	19	46	437
1977.....	11,392	1,806	656	735	9,195	Miss.....	153	2	5	14	132
1979.....	14,353	1,947	947	998	11,461	Mo.....	432	17	18	33	364
1980.....	16,083	763	1,144	1,333	12,843	Mont.....	115	14	5	11	85
Percent ²	12	10	6	1	3	Nebr.....	198	3	10	26	159
Ala.....	308	4	8	22	274	Nev.....	18	5	5	1	7
Alaska.....	198	7	7	11	173	N.H.....	190	114	4	22	50
Ark.....	101	17	8	6	70	N.J.....	414	5	17	42	350
Calif.....	332	4	52	34	242	N. Mex.....	96	5	7	12	72
Colo.....	367	11	48	52	256	N.Y.....	433	13	85	51	284
Conn.....	302	21	7	22	252	N.C.....	332	22	40	39	231
Dal.....	289	37	(x)	15	237	N. Dak.....	184	20	7	14	143
D.C.....	55	7	3	8	37	Ohio.....	1,001	9	11	63	918
Fla.....	6	(x)	(x)	-	6	Okl.....	279	6	4	38	231
Ga.....	395	18	24	34	319	Oreg.....	300	13	13	22	252
Hawaii.....	262	15	25	24	198	Pa.....	674	11	23	35	605
Idaho.....	13	10	2	-	1	R.I.....	55	13	(x)	-	42
Ill.....	129	10	4	14	101	S.C.....	127	9	16	7	95
Ind.....	633	26	134	41	432	S. Dak.....	156	9	8	33	106
Iowa.....	285	11	3	9	262	Tenn.....	196	4	73	7	112
Kans.....	622	15	23	35	549	Tex.....	677	12	32	69	564
Ky.....	386	14	17	29	326	Utah.....	102	4	2	7	89
La.....	456	9	23	45	379	Vt.....	112	34	(x)	9	69
Maine.....	193	2	19	21	151	Va.....	226	9	37	9	171
Md.....	291	34	2	86	169	Wash.....	303	27	8	35	233
Mass.....	157	28	24	12	93	W. Va.....	204	9	9	16	170
Mich.....	207	15	8	43	141	Wis.....	185	13	154	18	(NA)
	2,328	12	84	85	2,147	Wyo.....	86	16	7	6	57

- Represents zero. NA Not available. X Not applicable. ¹ Includes all major State appellate courts and trial courts; 92 in 1975, 110 in 1977, and 177 in 1979. ² Percent of all officeholders.

Source: Center for the American Woman and Politics, The Eagleton Institute of Politics, Rutgers University, New Brunswick, New Jersey, informal information releases.

NO. 824. PARTICIPATION IN ELECTIONS FOR PRESIDENT AND U.S. REPRESENTATIVES: 1932 TO 1980

[Population estimated, as of November except 1980, enumerated population as of April. Resident population 21 years old and over, 1932-1970, except as noted, and 18 and over thereafter; includes Armed Forces. Prior to 1960, excludes Alaska and Hawaii. Dist. of Col. is included in votes cast for President beginning 1964 and in votes cast for Representative beginning 1972]

YEAR	Resi- dent popu- lation (incl. aliens) of voting age ¹ (1,000)	VOTES CAST				YEAR	Resi- dent popu- lation (incl. aliens) of voting age ¹ (1,000)	VOTES CAST			
		For Presi- dent ² (1,000)	Per- cent of voting age popu- lation	For U.S. Repre- sentatives ² (1,000)	Per- cent of voting age popu- lation			For Presi- dent ² (1,000)	Per- cent of voting age popu- lation	For U.S. Repre- sentatives ² (1,000)	Per- cent of voting age popu- lation
1932.....	75,768	39,732	52.4	37,657	49.7	1956.....	104,515	62,027	59.3	58,426	55.9
1934.....	77,997	(x)	(x)	32,256	41.4	1958.....	106,447	(x)	(x)	45,818	43.0
1936.....	80,174	45,643	56.0	42,886	53.5	1960.....	109,672	68,838	62.8	64,133	58.5
1938.....	82,354	(x)	(x)	36,236	44.0	1962.....	112,952	(x)	(x)	51,287	45.4
1940.....	84,728	49,900	58.9	46,951	55.4	1964.....	114,080	70,645	61.9	65,895	57.8
1942.....	86,465	(x)	(x)	28,074	32.5	1966.....	116,638	(x)	(x)	52,908	45.4
1944.....	85,654	47,977	56.0	45,103	52.7	1968.....	120,285	73,212	60.9	66,288	55.1
1946.....	82,659	(x)	(x)	34,398	37.1	1970.....	124,498	(x)	(x)	54,173	43.5
1948.....	95,573	48,794	51.1	45,933	48.1	1972.....	140,068	77,719	55.5	71,430	51.0
1950.....	98,134	(x)	(x)	40,342	41.1	1974.....	145,035	(x)	(x)	52,495	36.2
1952.....	99,929	61,551	61.6	57,571	57.8	1976.....	150,127	81,556	54.3	74,422	49.6
1954.....	102,075	(x)	(x)	42,580	41.7	1978.....	155,712	(x)	(x)	55,332	35.5
						1980.....	162,781	86,515	53.2	77,995	47.9

X Not applicable. ¹ Population 18 and over in Georgia, 1944-1970, and in Kentucky, 1956-1970; 19 and over in Alaska and 20 and over in Hawaii, 1960-1970. ² Source: Beginning 1960, Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

Source: Except as noted, U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 879 and unpublished data; and, through 1958, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election*.

NO. 825. RESIDENT POPULATION OF VOTING AGE, 1970 TO 1980, AND BY AGE-GROUP, 1980—STATES

[In thousands. 1970–1976, estimated population as of November; 1980, enumerated population as of April. Includes Armed Forces stationed in each State, aliens, and institutional population]

STATE	1970 ¹		1972 ²	1976 ²	1980 ²				
	Total	Black			Total	18–24 years	25–44 years	45–64 years	65 yr. and over
U.S.	124,498	11,935	140,068	150,127	162,761	30,013	62,707	44,487	25,544
Alabama	2,042	452	2,314	2,506	2,729	513	1,028	748	440
Alaska	^a 178	^a 6	197	256	270	60	144	55	12
Arizona	1,056	26	1,295	1,527	1,926	369	742	508	307
Arkansas	1,180	174	1,354	1,471	1,614	278	583	441	312
California	12,376	760	13,969	15,326	17,281	3,252	7,058	4,556	2,415
Colorado	1,328	36	1,586	1,792	2,080	418	916	499	247
Connecticut	1,866	94	2,089	2,213	2,285	385	860	674	365
Delaware	326	40	378	404	428	84	164	122	59
District of Columbia	483	314	530	507	494	97	197	127	74
Florida	4,451	529	5,242	6,116	7,381	1,140	2,449	2,108	1,685
Georgia	^a 2,985	^a 677	3,098	3,391	3,818	732	1,578	991	517
Hawaii	^a 473	^a 5	536	605	689	142	291	180	76
Idaho	418	1	491	559	637	123	260	161	94
Illinois	6,795	747	7,532	7,791	8,178	1,507	3,147	2,263	1,267
Indiana	3,104	185	3,496	3,653	3,872	737	1,486	1,062	585
Iowa	1,712	16	1,936	2,007	2,088	388	752	560	387
Kansas	1,380	56	1,553	1,639	1,714	327	624	457	308
Kentucky	^a 2,136	^a 140	2,204	2,376	2,579	492	991	886	410
Louisiana	2,058	534	2,373	2,567	2,874	585	1,131	745	404
Maine	601	1	683	743	803	141	302	219	141
Maryland	2,372	372	2,690	2,885	3,049	551	1,252	850	396
Massachusetts	3,538	92	3,968	4,133	4,247	784	1,563	1,173	727
Michigan	5,200	530	5,868	6,220	6,507	1,255	2,544	1,796	912
Minnesota	2,248	18	2,546	2,730	2,905	559	1,126	741	480
Mississippi	1,253	379	1,435	1,554	1,706	339	630	448	289
Missouri	2,913	254	3,228	3,366	3,555	636	1,293	977	648
Montana	410	1	469	516	555	104	221	145	85
Nebraska	906	20	1,030	1,084	1,123	210	413	293	206
Nevada	303	14	357	425	564	105	250	163	66
New Hampshire	452	1	520	578	663	121	264	175	103
New Jersey	4,507	412	4,997	5,187	5,374	872	2,018	1,624	860
New Mexico	561	9	671	767	884	178	361	229	116
New York	11,543	1,229	12,663	12,863	12,870	2,167	4,823	3,728	2,161
North Carolina	3,043	569	3,496	3,805	4,219	821	1,644	1,151	602
North Dakota	360	1	413	442	462	97	168	116	80
Ohio	6,419	525	7,123	7,420	7,703	1,413	2,923	2,197	1,169
Oklahoma	1,605	88	1,809	1,963	2,170	402	813	580	376
Oregon	1,308	14	1,503	1,658	1,910	330	785	491	303
Pennsylvania	7,412	567	8,193	8,455	8,742	1,502	3,068	2,641	1,531
Rhode Island	596	13	671	669	704	129	245	203	127
South Carolina	1,487	377	1,748	1,923	2,178	446	867	578	287
South Dakota	389	1	447	471	485	95	169	129	91
Tennessee	2,410	323	2,758	2,974	3,292	601	1,278	895	518
Texas	6,658	735	7,655	8,603	9,923	1,986	4,029	2,636	1,371
Utah	583	3	699	780	921	216	384	212	109
Vermont	265	(z)	306	330	366	71	145	92	58
Virginia	2,823	458	3,202	3,556	3,872	741	1,591	1,035	505
Washington	2,078	98	2,306	2,546	2,991	554	1,231	775	431
West Virginia	1,077	37	1,221	1,293	1,390	243	513	396	238
Wisconsin	2,815	60	2,991	3,193	3,347	643	1,252	869	564
Wyoming	198	1	229	269	325	69	142	76	37

Z Fewer than 500. ¹ Population age 21 and over, except as noted. ² Population age 18 and over. ³ Population age 19 and over. ⁴ Population age 20 and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 879, and unpublished data.

NO. 826. VOTER REGISTRATION AND PERSONS VOTING, BY STATES: 1972 TO 1980

[For 1972 and 1976, total persons voting restricted to number of ballots recorded by Secretaries of State as having been cast for any electoral office or referendum, or in those States which do not count total number of ballots (which are noted), the largest number of votes cast for a particular office. For 1980, total persons voting are total votes cast for President. For total resident voting-age population, see table 825]

STATE	PERSONS REGISTERED						PERSONS VOTING								
	Total (1,000)			Percent of voting- age population			Total (1,000)			Percent of registered			Percent of voting- age population		
	1972	1976	1980	1972	1976	1980	1972	1976	1980	1972	1976	1980	1972	1976	1980
U.S.....	92,702	105,837	112,945	(x)	71.4	71.1	78,902	82,645	86,489	(x)	77.1	74.3	56.3	55.1	52.9
Ala.....	1,764	1,865	2,142	77.6	74.4	78.2	1,051	1,183	1,342	59.6	63.4	62.6	45.4	47.2	49.0
Alaska.....	148	207	259	74.5	80.9	95.1	99	128	158	66.2	61.8	61.2	50.3	50.0	58.3
Ariz.....	862	980	1,121	69.6	64.2	58.0	648	765	874	75.2	78.1	78.0	50.0	50.1	45.2
Ark.....	1,010	1,021	1,189	77.1	69.4	73.3	* 651	* 768	838	64.5	75.2	70.5	48.1	52.2	51.6
Calif.....	10,466	9,982	11,361	75.1	65.1	65.5	8,598	8,137	8,586	82.1	81.5	75.6	61.5	53.1	49.5
Colo.....	1,220	1,349	1,434	78.3	75.3	68.8	954	* 1,082	1,184	78.2	80.2	82.6	60.2	60.4	56.8
Conn.....	1,648	1,669	1,706	78.3	75.4	74.3	1,408	1,406	1,406	85.5	84.4	82.4	67.4	63.6	61.2
Del.....	293	301	301	78.9	74.5	70.1	* 236	* 236	236	80.5	78.4	78.4	62.3	58.4	54.9
D.C.....	305	288	289	58.9	52.9	58.5	166	171	174	54.3	63.8	60.2	31.3	33.7	36.2
Fla.....	3,487	4,094	4,810	68.3	66.9	64.9	* 2,583	* 3,151	3,681	74.1	77.0	76.5	49.3	51.5	49.6
Ga.....	2,043	2,302	2,467	65.8	67.9	64.4	* 1,179	* 1,467	1,597	57.7	63.7	64.7	38.1	43.3	41.7
Hawaii.....	338	363	403	63.6	60.0	58.2	287	309	303	84.8	85.1	75.3	53.5	51.1	43.6
Idaho.....	397	520	581	82.9	93.0	90.9	* 310	355	437	78.2	68.3	75.3	63.2	63.5	68.5
Ill.....	6,215	6,252	6,212	82.4	80.2	75.6	4,883	4,839	4,748	78.6	77.4	76.4	64.8	62.1	57.8
Ind.....	3,019	3,010	2,944	86.0	82.4	76.2	* 2,126	2,279	2,242	70.4	75.7	75.1	60.8	62.4	57.7
Iowa.....	(*)	1,407	1,747	(x)	70.1	83.4	* 1,226	* 1,279	1,318	(x)	80.9	75.4	63.3	63.7	62.9
Kans.....	(*)	1,113	1,291	(x)	67.9	75.1	* 822	* 958	980	(x)	86.1	75.9	59.4	58.4	57.0
Ky.....	1,455	1,713	1,803	65.9	72.1	69.7	* 1,067	* 1,167	1,295	73.4	68.1	71.8	48.4	49.1	50.0
La.....	1,785	1,866	2,015	76.3	72.7	69.9	* 1,122	* 1,278	1,549	62.8	68.5	76.8	47.3	49.8	53.7
Maine.....	616	696	760	92.4	93.7	94.2	* 421	* 486	523	68.4	69.8	68.8	61.6	65.4	64.8
Md.....	1,816	1,950	2,065	67.6	67.6	67.3	* 1,354	* 1,440	1,540	74.6	73.8	74.6	50.3	49.9	50.2
Mass.....	3,096	2,912	3,143	78.3	70.5	73.8	2,508	2,594	2,524	81.0	89.1	80.3	63.2	62.8	59.3
Mich.....	4,763	5,022	5,726	81.1	83.6	87.6	* 3,490	3,722	3,910	73.3	71.5	68.3	59.5	59.8	59.8
Minn.....	(*)	2,566	2,787	(x)	84.0	85.6	* 1,774	1,979	2,052	(x)	77.5	73.6	69.7	72.5	70.4
Miss.....	(NA)	(*)	1,486	(x)	(x)	86.8	* 646	* 769	893	(x)	(x)	60.1	45.0	49.5	52.1
Mo.....	(*)	2,553	2,841	(x)	75.4	79.7	* 1,866	* 1,954	2,099	(x)	76.5	73.9	57.8	57.7	58.9
Mont.....	387	455	496	84.1	88.2	89.0	327	339	364	84.6	74.5	73.3	69.7	65.7	65.2
Nebr.....	712	841	856	69.7	77.6	76.0	592	624	640	83.1	74.2	74.7	57.5	57.8	56.8
Nev.....	231	251	298	68.5	59.1	50.7	185	206	243	80.2	82.1	81.4	51.8	48.5	41.3
N.H.....	450	478	551	86.3	82.7	83.0	345	359	384	76.7	75.1	69.8	66.3	62.1	57.8
N.J.....	3,673	3,770	3,761	73.1	72.7	69.6	3,030	3,037	2,976	82.5	80.6	79.1	60.6	58.6	55.1
N. Mex.....	505	527	653	79.5	68.7	73.5	396	426	456	78.3	80.8	69.9	59.0	55.5	51.4
N.Y.....	9,207	8,199	7,870	72.1	63.7	60.9	7,323	6,668	6,202	79.5	81.3	78.8	57.8	51.8	48.0
N.C.....	2,958	2,554	2,775	68.1	67.1	65.6	* 1,519	* 1,679	1,856	64.4	65.7	66.9	43.4	44.1	43.9
N. Dak.....	(*)	(*)	(*)	(x)	(x)	(x)	289	309	302	(x)	(x)	(x)	70.0	69.9	65.1
Ohio.....	4,628	4,693	5,887	64.4	63.2	76.1	4,220	4,195	4,284	91.2	89.4	72.8	59.2	56.5	55.4
Okl.....	1,247	1,401	1,469	68.8	71.4	67.5	1,057	1,108	1,150	84.8	79.1	78.2	58.4	58.4	52.8
Oreg.....	1,198	1,420	1,569	79.8	85.6	81.9	953	1,049	1,182	79.6	73.9	75.3	63.4	63.3	61.6
Pa.....	5,872	5,750	5,754	72.0	68.0	65.6	* 4,592	* 4,621	4,582	78.2	80.4	79.3	66.1	54.7	52.0
R.I.....	532	545	547	79.0	81.5	77.7	* 416	* 411	416	78.2	75.4	76.0	62.0	61.5	59.0
S.C.....	1,034	1,113	1,236	60.6	57.9	56.6	* 674	* 803	888	65.5	72.1	71.9	38.6	41.7	40.7
S. Dak.....	392	426	448	90.4	90.4	92.1	* 308	* 301	328	78.6	70.7	73.2	63.9	63.8	67.4
Tenn.....	1,990	1,912	2,359	73.4	64.3	71.4	* 1,201	* 1,476	1,618	80.4	77.2	68.6	48.8	48.6	48.9
Texas.....	* 5,500	6,319	6,640	71.6	73.5	66.7	* 3,471	* 4,072	4,540	63.1	64.4	68.4	45.4	47.3	45.6
Utah.....	621	705	782	90.1	90.4	84.8	480	548	604	77.3	77.7	77.3	67.3	70.3	65.5
Vt.....	273	284	312	88.4	86.1	85.2	194	194	213	71.1	68.3	68.4	63.4	58.9	58.3
Va.....	2,107	2,124	2,309	65.9	59.7	59.4	* 1,457	1,716	1,866	69.1	80.8	80.8	45.5	45.3	48.0
Wash.....	1,975	2,065	2,237	83.3	81.1	74.5	1,520	1,585	1,742	77.0	76.8	77.9	65.9	62.3	58.0
W. Va.....	1,063	1,084	1,035	89.9	83.8	74.2	* 774	* 751	738	72.9	69.3	71.3	63.4	58.1	52.8
Wis.....	(*)	2,566	(*)	(x)	80.4	(x)	* 1,853	* 2,104	2,273	(x)	82.0	(x)	62.0	65.9	67.7
Wyo.....	(NA)	195	219	(x)	72.5	67.3	152	160	177	(x)	82.1	80.5	66.4	59.5	54.2

NA Not available. X Not applicable. 1 Excludes Miss. and N. Dak. 2 Excludes N. Dak. and Wis. 3 Total vote for largest race, Senator.
 * Total vote for largest race, President. 4 No required statewide registration; excluded from totals for persons registered. 5 Total vote for largest race, Governor. 6 Estimated.

Source: National Republican Congressional Committee, Washington, D.C., unpublished data.

NO. 827. PERCENT OF VOTING-AGE POPULATION CASTING VOTES—STATES: 1972 TO 1980

[As of November. For total resident voting-age population, see table 825]

STATE	PERCENT CASTING VOTES FOR PRESIDENTIAL ELECTORS			PERCENT CASTING VOTES FOR U.S. REPRESENTATIVES			STATE	PERCENT CASTING VOTES FOR PRESIDENTIAL ELECTORS			PERCENT CASTING VOTES FOR U.S. REPRESENTATIVES		
	1972	1976	1980	1976	1978	1980		1972	1976	1980	1976	1978	1980
U.S.....	55.5	54.3	53.2	49.6	35.5	47.9	Mo.....	57.5	57.7	59.1	56.3	44.2	57.7
Ala.....	43.4	47.2	49.2	39.3	24.6	37.1	Mont.....	67.7	63.7	65.6	62.2	52.0	61.1
Alaska.....	48.3	48.3	58.5	46.2	47.3	57.4	Nebr.....	56.0	56.1	57.1	55.5	44.4	55.7
Ariz.....	48.1	48.6	45.4	47.7	31.4	44.3	Nev.....	50.9	47.5	42.5	47.0	40.1	42.0
Ark. ¹	48.1	52.2	51.9	22.9	19.2	12.5	N.H.....	64.2	58.8	57.9	56.3	41.5	54.9
Calif.....	59.9	51.3	49.7	48.6	40.3	47.3	N.J.....	60.0	58.1	55.4	54.2	36.6	51.0
Colo.....	60.1	60.4	56.9	57.0	40.7	55.3	N. Mex.....	57.6	54.6	51.7	52.3	34.8	46.3
Conn.....	66.3	62.4	61.5	60.9	44.8	58.6	N.Y.....	56.6	50.8	48.2	46.6	34.0	43.6
Del.....	62.3	58.4	55.1	53.2	38.1	50.7	N.C.....	43.4	44.1	44.0	41.3	25.8	41.2
D.C.....	30.8	33.3	35.4	31.6	19.5	30.6	N. Dak.....	67.9	67.2	65.4	65.6	48.1	63.4
Fla. ¹	49.3	51.5	50.0	34.1	24.9	41.9	Ohio.....	57.5	55.4	55.6	51.8	36.6	51.3
Ga.....	37.9	43.3	41.8	37.0	16.7	35.5	Okla. ¹	56.9	55.6	53.0	54.4	28.8	38.5
Hawaii.....	50.4	48.1	44.0	48.5	40.1	40.8	Oreg.....	61.7	62.1	61.9	65.9	49.0	57.9
Idaho.....	63.2	61.6	68.6	61.2	47.5	65.1	Pa.....	56.1	54.7	52.2	52.4	41.3	49.4
Ill.....	62.7	60.6	58.1	56.0	38.3	54.7	R.I.....	62.0	61.5	59.1	58.1	45.3	55.0
Ind.....	60.8	60.8	57.9	57.6	38.4	56.5	S.C.....	38.6	41.7	41.0	40.7	28.8	38.2
Iowa.....	63.3	63.7	63.1	61.9	39.2	60.2	S. Dak.....	68.8	63.8	67.6	62.6	53.1	66.0
Kans.....	59.0	58.4	57.2	55.5	39.6	54.4	Tenn.....	43.6	49.6	49.1	42.1	34.3	39.6
Ky.....	48.4	49.1	50.2	41.6	19.4	40.9	Tex.....	45.4	47.3	45.8	42.6	24.0	41.0
La.....	44.3	49.8	53.9	39.5	28.8	25.4	Utah.....	68.5	69.4	65.6	69.7	45.1	64.3
Maine.....	61.1	65.0	65.1	63.7	48.0	63.9	Vt.....	61.1	56.9	58.2	56.0	35.1	53.3
Md.....	50.3	49.9	50.5	45.6	31.0	46.0	Va.....	45.5	47.7	46.2	41.1	28.4	40.1
Mass.....	62.0	61.6	59.4	56.7	42.8	53.1	Wash.....	63.8	61.1	58.2	56.0	35.6	54.4
Mich.....	58.5	58.7	60.1	55.2	42.2	55.1	W. Va.....	62.4	58.1	53.1	51.3	33.4	49.4
Minn.....	68.4	71.4	70.6	65.7	53.5	65.6	Wis.....	62.0	65.9	67.9	61.5	43.6	63.8
Miss.....	45.0	49.5	52.3	41.0	32.3	46.2	Wyo.....	63.6	59.1	54.5	56.5	43.1	52.3

¹ State law does not require tabulation of votes for unopposed candidates.Source: Compiled by U.S. Bureau of the Census. Population data from U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 879, and unpublished data; votes cast from Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

NO. 828. VOTING-AGE POPULATION, AND PERCENT REPORTING REGISTERED AND VOTED: 1972 TO 1980

[See headnote, table 829]

CHARACTERISTIC	VOTING-AGE POPULATION (mil.)					PERCENT REPORTING THEY REGISTERED					PERCENT REPORTING THEY VOTED				
	1972	1974	1976	1978	1980	1972	1974	1976	1978	1980	1972	1974	1976	1978	1980
Total.....	136.2	141.3	146.5	151.6	157.1	72.3	62.2	66.7	62.6	66.9	63.0	44.7	59.2	45.9	59.2
White.....	121.2	125.1	129.3	133.4	137.7	73.4	63.5	68.3	63.8	68.4	64.5	46.3	60.9	47.3	60.9
Black.....	13.5	14.2	14.9	15.6	16.4	65.5	54.9	58.5	57.1	60.0	52.1	33.8	48.7	37.2	50.5
Spanish origin ¹	5.6	6.1	6.6	6.8	8.2	44.4	34.9	37.8	32.9	36.3	37.4	22.9	31.8	23.5	29.9
Male.....	63.8	66.4	69.0	71.5	74.1	73.1	62.8	67.1	62.6	66.6	64.1	46.2	59.6	46.6	59.1
Female.....	72.4	74.9	77.6	80.2	83.0	71.6	61.7	66.4	62.5	67.1	62.0	43.4	58.8	45.3	59.4
North and West ²	93.7	96.5	99.4	102.9	106.5	73.9	63.3	67.7	63.8	67.9	66.4	48.8	61.2	48.9	61.0
South ²	42.6	44.8	47.1	48.8	50.6	68.7	59.8	64.6	60.1	64.8	55.4	36.0	54.9	39.6	55.6
Metropolitan ³	99.2	101.3	99.6	103.1	106.7	72.5	61.2	65.7	61.3	65.8	64.3	44.7	59.2	46.0	58.8
In central cities.....	42.4	43.9	43.1	43.7	44.0	70.9	59.5	63.3	59.2	63.5	62.2	42.6	56.6	44.2	56.3
Outside central cities.....	56.9	57.4	56.5	59.4	62.6	73.8	62.6	67.6	62.8	67.3	65.9	46.3	61.2	47.4	60.6
Nonmetropolitan.....	37.0	40.0	47.0	48.6	50.5	71.7	64.7	68.8	65.3	69.2	59.4	44.7	59.1	45.6	60.2
18-20 yr.....	11.0	11.6	12.1	12.2	12.3	58.1	36.4	47.1	34.7	44.7	48.3	20.8	38.0	20.1	35.7
21-24 yr.....	13.6	14.1	14.8	15.5	15.9	59.5	45.3	54.8	45.1	52.7	50.7	26.4	45.6	26.2	43.1
25-44 yr.....	49.1	51.7	54.3	57.5	61.3	71.3	59.9	65.5	60.2	65.6	62.7	42.2	58.7	43.1	58.7
45-64 yr.....	42.3	43.0	43.3	43.4	43.6	79.7	73.6	75.5	74.3	75.8	70.8	56.9	68.7	58.5	69.3
65 yr. and over.....	20.1	21.0	22.0	23.0	24.1	75.6	70.2	71.4	72.8	74.6	63.5	51.4	62.2	55.9	65.1
Employed.....	80.2	83.1	86.0	93.2	95.0	74.3	63.8	68.8	63.0	68.7	66.0	48.8	62.0	46.7	61.8
Unemployed.....	3.7	5.0	6.4	4.9	6.9	58.7	44.4	52.1	44.1	50.3	49.9	28.8	43.7	27.4	41.2
Not in labor force.....	52.3	53.2	54.1	53.5	55.2	70.3	61.3	65.2	63.4	65.8	59.3	43.0	56.5	46.2	57.0

¹ Persons of Spanish origin may be of any race. ² See fig. 1, inside front cover.³ Standard metropolitan statistical areas as defined in 1970 census publications.Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 359, earlier issues, and forthcoming report.

NO. 829. PARTICIPATION IN NATIONAL ELECTIONS, 1964 TO 1980, AND BY POPULATION CHARACTERISTICS, 1980

[As of November. Covers civilian noninstitutional population 18 years old and over, except 1964-1970, 21 years old and over (see also footnote 1, table 824). Includes aliens. Figures are based on Current Population Survey (see text, p. 1, and Appendix III) and differ from those in tables 824 and 827 based on population estimates and official vote counts. Differences in percentages may also be due to overreporting of voting (reluctance of some persons in the sample who actually did not vote to so report)]

YEAR AND CHARACTERISTIC	Persons of voting age (mil.)	PERSONS REPORTING THEY REGISTERED		PERSONS REPORTING THEY VOTED		PERSONS REPORTING THEY DID NOT VOTE			REASONS FOR NOT REGISTERING		
		Total (mil.)	Percent	Total (mil.)	Percent	Total ¹ (mil.)	Registered (mil.)	Not registered ¹		Percent unable to register	Percent not citizen
								Num- ber (mil.)	Percent		
1964.....	110.6	(NA)	(NA)	76.7	69.3	33.9	(NA)	(NA)	(NA)	(NA)	(NA)
1966.....	112.8	79.3	70.3	62.5	55.4	50.3	16.8	33.1	29.3	(NA)	2.0
1968.....	116.5	86.6	74.3	79.0	67.8	37.6	7.6	30.0	25.7	(NA)	2.3
1970.....	120.7	82.2	68.1	65.9	54.6	54.6	16.3	38.5	31.9	(NA)	2.5
1972.....	136.2	98.5	72.3	85.8	63.0	50.4	12.7	37.7	27.7	(NA)	2.6
1974.....	141.3	87.9	62.2	63.2	44.7	78.1	24.7	53.4	37.8	11.4	2.8
1976.....	146.5	97.8	66.7	66.7	59.2	59.9	11.1	48.8	33.3	5.7	3.0
1978.....	151.6	94.9	62.6	69.6	45.9	82.1	25.3	56.8	37.4	8.0	3.5
1980, total ²	157.1	105.0	66.9	93.1	59.2	64.0	12.0	52.1	33.1	6.2	4.0
Male.....	74.1	49.3	66.6	43.8	59.1	30.3	5.6	24.7	33.4	6.0	4.0
Female.....	83.0	55.7	67.1	49.3	59.4	33.7	6.4	27.3	32.9	6.4	4.1
White.....	137.7	94.1	68.4	83.9	60.9	53.8	10.3	43.6	31.6	6.0	3.5
Black.....	16.4	9.8	60.0	8.3	50.5	6.1	1.6	6.6	40.0	7.8	2.9
Spanish origin ³	8.2	3.0	36.3	2.5	29.9	5.8	.5	5.3	63.7	6.5	32.2
18-20 yr. old.....	12.3	5.5	44.7	4.4	35.7	7.9	1.1	6.8	55.3	9.6	5.1
21-24 yr. old.....	15.9	8.4	52.7	6.8	43.1	9.0	1.5	7.5	47.3	7.2	5.1
25-34 yr. old.....	35.7	22.2	62.0	19.5	54.6	16.2	2.7	13.6	38.0	4.7	4.8
35-44 yr. old.....	25.6	18.0	70.6	16.5	64.4	9.1	1.6	7.5	29.4	4.7	4.8
45-64 yr. old.....	43.6	33.0	75.8	30.2	69.3	13.4	2.8	10.5	24.2	3.8	3.1
65 yr. and over.....	24.1	18.0	74.6	15.7	65.1	8.4	2.3	6.1	25.4	6.7	2.4
Median age ⁴ (yr.).....	40.7	44.2	(X)	44.6	(X)	34.3	39.5	33.6	(X)	(X)	(X)
North and West ⁵	106.5	72.3	67.9	65.0	61.0	41.6	7.3	34.2	32.1	(NA)	4.5
South ⁵	50.6	32.7	64.8	28.1	55.6	22.5	4.6	17.8	35.2	(NA)	3.0
Metropolitan ⁶	106.7	70.1	65.8	62.7	58.8	43.9	7.4	36.5	34.2	(NA)	5.3
In central cities.....	44.0	27.9	63.5	24.8	58.3	19.2	3.2	16.1	36.5	(NA)	7.0
Outside central cities.....	62.6	42.2	67.3	37.9	60.6	24.7	4.2	20.4	32.7	(NA)	4.1
Nonmetropolitan.....	50.5	34.9	69.2	30.4	60.2	20.1	4.6	15.5	30.8	(NA)	1.4
School years completed:											
8 yr. or less.....	22.7	12.0	53.0	9.6	42.6	13.0	2.4	10.7	47.0	(NA)	10.3
9-11 yr.....	22.5	12.3	54.6	10.2	45.6	12.2	2.0	10.2	45.4	(NA)	3.4
12 yr.....	61.2	40.6	66.4	36.0	58.9	25.2	4.6	20.6	33.6	(NA)	2.6
More than 12 yr.....	50.8	40.2	79.1	37.2	73.2	13.6	3.0	10.6	20.9	(NA)	3.2
Employed.....	95.0	65.3	68.7	58.8	61.8	36.3	6.5	29.8	31.3	5.4	3.9
Unemployed.....	6.9	3.5	50.3	2.8	41.2	4.1	.6	3.4	49.7	9.0	4.7
Not in labor force.....	55.2	36.3	65.8	31.4	57.0	23.7	4.9	18.8	34.2	7.2	4.1
Owner occupied ⁷	44.2	34.4	77.8	31.4	71.1	12.8	3.0	9.8	22.2	(NA)	1.9
Renter occupied ⁷	14.9	7.5	50.8	6.3	42.1	8.6	1.3	7.3	49.2	(NA)	2.1

NA Not available. X Not applicable. ¹ Includes do not know and not reported. ² Includes characteristics not shown separately. ³ Persons of Spanish origin may be of any race. ⁴ For definition of median, see Guide to Tabular Presentation. ⁵ See fig. 1, inside front cover. ⁶ Standard metropolitan statistical areas as defined in 1970 census publications. ⁷ Covers family households only; see text, p. 4.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 359, earlier issues, and forthcoming report.

NO. 830. ELECTION CAMPAIGN COSTS FOR NATIONAL OFFICES: 1972

[Includes some prenomination expenditures. Data are provided by the U.S. General Accounting Office, Office of Federal Elections (O.F.E.), created to administer the Federal Elections Campaign Act of 1971, effective as of April 7, 1972. In 1972, 1,785 committees which contributed in some way, but not exclusively to a Presidential candidate, filed reports with the O.F.E. Labor, business, professional, and ideological committees spent \$8.0 million. Except for congressional spending, all other figures are from the O.F.E.]

ITEM	Total	PRESIDENTIAL AND PARTY COMMITTEES				Congressional
		Total	Democratic	Republican	Third party	
Campaign costs (mil. dol.).....	225.2	137.3	68.8	69.3	1.2	87.9
Percent distribution.....	100.0	61.0	29.7	30.8	.5	39.0

Source: Citizens' Research Foundation, Princeton, N.J., unpublished data.

NO. 831. PRESIDENTIAL CAMPAIGN FINANCES—PRIMARY AND GENERAL ELECTION RECEIPTS AND EXPENDITURES, BY POLITICAL PARTY: 1975-1976

[In millions of dollars. Covers Jan. 1, 1975-Dec. 31, 1976. Based on disclosure documents submitted by candidates, their principal campaign committees, and other authorized committees. Figures adjusted to eliminate refunds and rebates, refunded contributions, loan repayments, and transfers to or from affiliated committees]

RECEIPTS AND EXPENDITURES	PRESIDENTIAL CAMPAIGN				PRIMARY CAMPAIGN			GENERAL ELECTION CAMPAIGN			
	Total	Democrat	Republican	Other ¹	Total	Democrat	Republican	Total	Democrat	Republican	Other ¹
Receipts, total.....	114.0	61.7	50.2	2.0	67.9	39.6	28.3	46.1	22.1	22.0	2.0
Private funds ²	46.1	25.4	18.7	2.0	43.6	25.1	18.5	2.5	.3	.2	2.0
U.S. Treasury funds ³	67.9	36.3	31.6	-	24.3	14.5	9.7	43.6	21.8	21.8	-
Expenditures, total.....	112.8	62.9	48.0	2.0	66.9	40.7	26.2	45.9	22.2	21.8	2.0

- Represents zero. ¹ Covers candidates who were on the ballot in 10 or more States. Included under general election since a majority of their financial activity was directed toward that area. ² Covers contributions, outstanding loans, interest, and miscellaneous income. ³ Represents matching funds given to qualified candidates in the primary campaign and grant funds to the Democratic and Republican party candidates in the general election.

Source: U.S. Federal Election Commission, FEC Disclosure, No. 7: 1976 Presidential Campaign Receipts and Expenditures, 1977.

NO. 832. CONGRESSIONAL CAMPAIGN FINANCES—ADJUSTED RECEIPTS AND EXPENDITURES: 1975 TO 1978

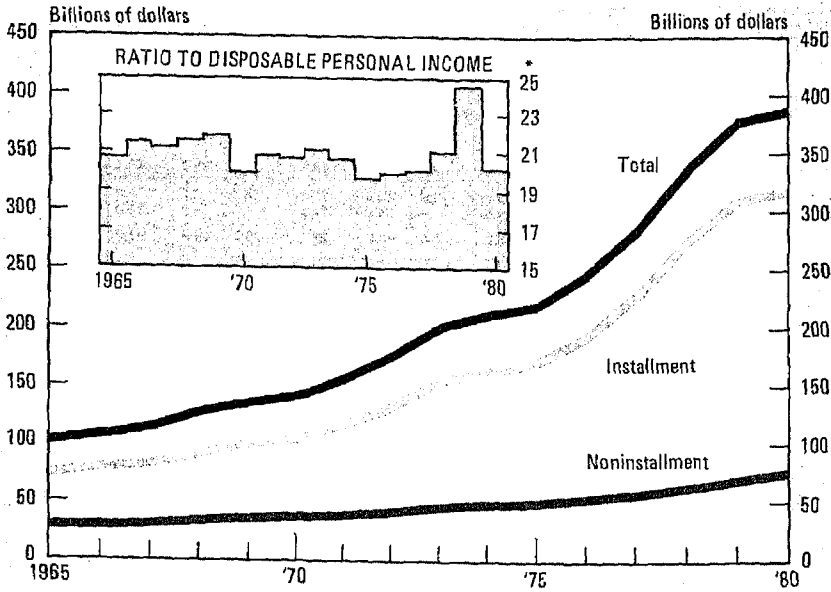
[Covers all campaign finance activity during 2 year calendar period indicated for primaries and general elections. For 1975-1976, relates to 860 candidates for House of Representatives who received 5 percent or more of the votes in the general election and to 64 candidates for the Senate; and for 1977-1978, to 1,809 candidates for House of Representatives and Senate. 1975-1976 data adjusted to exclude refunds, rebates, returned contributions, loan repayments, treasury notes, and certificates of deposits which were bought and redeemed]

ITEM	HOUSE				SENATE			
	1975-1976		1977-1978		1975-1976		1977-1978	
	Amount (mil. dol.)	Percent distribution	Amount (mil. dol.)	Percent distribution	Amount (mil. dol.)	Percent distribution	Amount (mil. dol.)	Percent distribution
Total receipts.....	65.7	100.0	113.9	100.0	39.1	100.0	85.5	100.0
Contributions:								
Less than \$101.....	23.7	36.0	(NA)	(NA)	11.1	28.3	(NA)	(NA)
\$101-\$499.....	7.5	11.5	11.1	9.7	5.2	13.4	8.5	10.0
\$500 and over.....	7.3	11.1	14.6	12.8	10.6	27.1	18.3	21.4
Candidate.....	2.4	3.6	(NA)	(NA)	.9	2.3	(NA)	(NA)
Party committee.....	5.1	7.8	5.0	4.4	1.4	3.6	1.2	1.5
Non-party committee.....	14.7	22.4	24.4	21.5	5.8	14.8	9.7	11.3
Loans outstanding:								
Candidate.....	¹ 4.1	¹ 6.2			¹ 3.7	¹ 9.4		
Other.....	1.6	1.9	(NA)	(NA)	1.1	1.2	(NA)	(NA)
Other receipts.....	.3	.5			.4	.9		
Democrats.....	35.1	53.3	63.7	56.0	19.5	50.0	42.6	49.9
Republicans.....	30.2	46.0	49.4	43.3	18.8	48.0	42.4	49.5
Others.....	.5	.7	.8	.6	.8	2.0	.5	.6
Incumbents.....	35.1	53.4	46.6	40.9	16.3	42.0	30.0	35.1
Challengers.....	18.4	27.9	32.1	28.2	10.6	27.0	30.1	35.2
Open seats ²	12.3	18.7	35.2	30.9	12.3	31.0	25.4	29.7
Winners.....	42.5	64.6			21.1	53.8		
Losers.....	23.3	35.4	(NA)	(NA)	18.1	46.2	(NA)	(NA)
Total expenditures.....	60.9	100.0	109.7	100.0	38.1	100.0	85.2	100.0
Democrats.....	32.4	53.1	61.3	55.9	18.8	49.0	42.1	49.4
Republicans.....	28.1	46.1	47.6	43.4	18.5	49.0	42.6	50.0
Other.....	.5	.8	.8	.7	.8	2.0	.5	.6
Incumbents.....	30.7	50.2	43.1	39.3	15.6	41.0	30.2	35.4
Challengers.....	18.1	30.0	31.9	29.0	10.4	27.0	30.1	35.3
Open seats ²	12.1	19.8	34.7	31.7	12.1	32.0	24.9	29.3
Winners.....	38.1	62.4			20.3	53.4		
Losers.....	22.9	37.6	(NA)	(NA)	17.8	46.6	(NA)	(NA)

NA Not available. ¹ As of Dec. 31, 1976. ² Elections in which an incumbent was not a candidate.

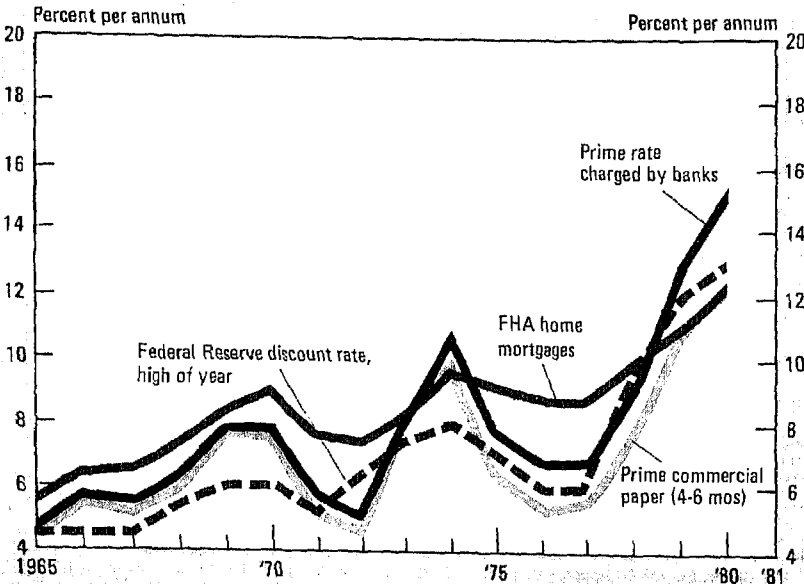
Source: U.S. Federal Election Commission, 1975-1976, FEC Disclosure Series, No. 8: 1976 Senatorial Campaigns Receipts and Expenditures, and No. 9: 1976 House of Representatives Campaigns Receipts and Expenditures, 1977; 1977-1978, Reports on Financial Activity, 1977-78, Interim Report No. 5, U.S. Senate and House Campaigns, June 1979.

Figure 17.1
Consumer Credit: 1965 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 865.

Figure 17.2
Money Market Rates: 1965 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 873 and 876.



Section 17

Banking, Finance, and Insurance

This section presents data on the Nation's finances, various types of financial institutions, money and credit, securities, and insurance. The primary sources of these data are publications of several departments of the Federal Government, especially the Treasury Department, and independent agencies such as the Federal Deposit Insurance Corporation, the Federal Reserve System, and the Securities and Exchange Commission. National data on insurance are available primarily from private organizations, such as the American Council of Life Insurance.

Flow of funds.—The flow of funds accounts of the Federal Reserve System (see tables 833 to 838) bring together statistics on all of the major forms of financial transactions and financial claims to present an economy-wide view of asset and liability relationships. In flow form, the accounts relate borrowing and lending to one another and to the nonfinancial activities that generate income and production. Each claim outstanding is included simultaneously as an *asset of the lender* and as a liability of the debtor. The accounts also indicate the balance between asset totals and liability totals over the economy as a whole. Five publications of the Board of Governors of the Federal Reserve System contain information on the flow of funds accounts: *Summary data on flows*, in the *Federal Reserve Bulletin*, *Flow of Funds Accounts, 1949-1978*, *Assets and Liabilities Outstanding, 1969-1979*, and *Annual Statistical Digest*; and concepts and organization of the accounts, in *Introduction to Flow of Funds* (June 1980).

Banking system.—Banks in this country are organized under the laws of both the States and the Federal Government. State-chartered banks are supervised by officials of the respective States. National banks are supervised by the Comptroller of the Currency. *Reports of Condition* have been collected from national banks since 1863. Summaries of these reports are published in the Comptroller's *Annual Report*, which also presents data on the structure of the national banking system.

The Federal Reserve System was established in 1913 to exercise central banking functions, some of which are shared with the U.S. Treasury. It includes national banks and such State banks as voluntarily join the System. Statements of State bank members are consolidated by the Board of Governors of the Federal Reserve System with data for national banks collected by the Comptroller of the Currency into totals for all member banks of the System. Balance sheet data for member banks and other commercial banks are published in condensed form in the *Federal Reserve Bulletin*.

The Federal Deposit Insurance Corporation (FDIC), established in 1933, insures each depositor up to \$100,000 currently in banks that are members of the Federal Reserve System and in such nonmember banks as join the insurance fund. A balance sheet for all banks in the country is published in the FDIC's *Annual Report*. Major item balance sheets for all commercial banks are published monthly in the *Federal Reserve Bulletin*.

Savings and loan and other credit agencies.—Savings and loan associations, insurance companies, finance companies dealing primarily in installment sales financing, credit unions, and personal loan companies represent important sources of funds for the credit market. Savings and loan associations are primarily involved in credit extension in the form of loans. Statistics on savings and loan associations are collected by the Federal Home Loan Bank Board. Statistics on loans, investments, cash, etc., of life insurance companies are published principally by the American Council of Life Insurance in its *Life Insurance Fact Book*. Consumer credit data are published currently in the *Federal Reserve Bulletin*.

Federally chartered credit unions are under the supervision of the National Credit Union Administration, established in 1970. State-chartered credit unions are supervised by the respective State supervisory authorities. The Administration publishes comprehensive program and statistical information on all Federal and federally insured State credit unions in the *Annual Report of the National Credit Union Administration* and also publishes an *Annual Report* on the operations of all State-chartered credit unions.

Government corporations and credit agencies make available credit of specified types or to specified groups of private borrowers, either by lending directly or by insuring or guaranteeing loans made by private lending institutions. Data on operations of Government credit agencies, along with other Government corporations, are available in reports of individual agencies; data on their assets and liabilities are published in the *Treasury Bulletin*.

Currency.—Currency, including coin and paper money, represents more than one-fourth of all media of exchange in the United States, with most payments made by check. All currency is now issued by the Federal Reserve Banks.

"Currency and coin in circulation" (official *Statement of United States Currency and Coin*) refers to all coin and paper money issued by the Federal Reserve Banks, except gold and silver coin known to have been exported and, beginning with 1934, all gold coin. It includes all coin and paper money held by the public in the United States. It also includes cash in vaults of commercial and savings banks, currency irretrievably lost or destroyed by natural causes, and currency carried abroad by travelers.

Securities.—The Securities and Exchange Commission (SEC) was established in 1934 to protect the interests of the public and investors against malpractices in the securities and financial markets and to provide the fullest possible disclosure of information regarding securities to the investing public. Since its inception, the SEC has compiled a comprehensive monthly data series on new corporate securities offerings that covers substantially all new issues offered for cash sale in the United States in amounts over \$100,000 and with terms to maturity of more than one year. This series is published monthly in the *SEC Monthly Statistical Review*.

Insurance.—Insuring companies, which are regulated by the various States or the District of Columbia, are classified as either life or property. Companies that underwrite accident and health insurance only and those that underwrite accident and health insurance in addition to one or more property lines are included with property insurance. Insuring companies, other than those classified as life, are permitted to underwrite one or more property lines provided they are so licensed and have the necessary capital or surplus.

There are a number of published sources for statistics on the various classes of insurance—life, health, fire, marine, and casualty. Individual States collect data on all insurers operating within their respective jurisdictions, and many of the States publish an annual insurance report giving individual company data and aggregates of certain items for the companies operating within the State. Organizations representing certain classes of insurers publish reports for these classes. Among them are the annual commercial publishers, such as The National Underwriter Company whose *Argus Chart* (annual) contains financial and operating data for individual health and accident insurance companies, including Blue Cross and Blue Shield Plans. The American Council of Life Insurance publishes statistics on life insurance purchases, ownership, benefit payments, and assets in its annual *Life Insurance Fact Book*.

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

NO. 833. FLOW OF FUNDS ACCOUNTS—FINANCIAL ASSETS AND LIABILITIES OF FINANCIAL AND NONFINANCIAL INSTITUTIONS, BY SECTOR AND TYPE OF INSTRUMENT: 1980

[In billions of dollars. As of Dec. 31. Preliminary, A=Assets; L=Liabilities, SDR=Special drawing rights, IMF=International Monetary Fund. RPs=Repurchase Agreements. "N.e.c."=Not elsewhere classified]

TYPE OF INSTRUMENT	TOTAL		PRIVATE DOMESTIC NONFINANCIAL INSTITUTIONS									
	A	L	Total		Households		Business		State and local govts.			
			A	L	A	L	A	L	A	L		
Financial assets	10,537.1	(x)	5,622.5	(x)	4,395.2	(x)	1,016.8	(x)	210.4	(x)		
Liabilities	(x) 8,977.1		(x) 3,845.3		(x) 1,494.5		(x) 1,823.2		(x) 327.6			
Gold stock and SDR's	72.2	-	-	-	-	-	-	-	-	-	-	-
IMF position	2.9	2.9	-	-	-	-	-	-	-	-	-	-
Official foreign exchange	10.1	10.1	-	-	-	-	-	-	-	-	-	-
Treasury currency	15.9	13.6	-	-	-	-	-	-	-	-	-	-
Demand deposits and currency	415.3	445.1	346.1	-	241.9	-	92.2	-	12.0	-	-	-
Time and savings accounts	1,492.7	1,492.7	1,404.9	-	1,299.7	-	41.3	-	64.0	-	-	-
Fed. funds and security RP's	56.5	110.7	35.0	-	-	-	20.0	-	15.1	-	-	-
Money market fund shares	74.4	74.4	74.4	-	74.4	-	-	-	-	-	-	-
Life insurance reserves	223.2	223.2	223.2	-	223.2	-	-	-	-	-	-	-
Pension fund reserves	729.8	729.8	729.8	-	729.8	-	-	-	-	-	-	-
Interbank claims	43.7	31.5	-	-	-	-	-	-	-	-	-	-
Corporate equities ¹	1,571.4	55.2	1,141.4	-	1,141.4	-	-	-	-	-	-	-
Credit market instruments ²	4,648.5	4,648.5	797.3	3,140.5	592.5	1,497.7	97.7	1,391.5	107.1	311.3	-	-
U.S. Treasury securities ³	737.8	737.8	275.2	-	227.3	-	1.7	-	47.5	-	-	-
Federal agency securities ⁴	306.8	306.8	84.1	-	61.6	-	3.4	-	20.9	-	-	-
State and local securities	325.5	325.5	75.2	325.5	82.9	-	-	21.8	8.9	303.7	-	-
Corporate and foreign bonds	490.4	490.4	82.5	367.0	82.5	-	-	367.0	-	-	-	-
Mortgages	1,449.6	1,449.6	157.4	1,437.8	127.5	967.4	-	470.4	29.8	-	-	-
Consumer credit	387.5	387.5	51.0	387.5	-	387.5	51.0	-	-	-	-	-
Bank loans, n.e.c.	458.6	458.6	-	368.8	-	28.3	-	340.5	-	-	-	-
Open-market paper	177.8	177.8	71.9	42.1	30.8	-	41.1	42.1	-	-	-	-
Security credit	59.0	59.0	15.1	27.6	15.1	27.6	-	-	-	-	-	-
Trade credit ⁵	490.3	417.0	438.1	385.1	-	16.0	438.1	352.8	-	16.3	-	-
Taxes payable	25.1	28.3	12.3	17.6	-	-	-	17.6	12.3	-	-	-
Miscellaneous claims	606.3	635.0	404.7	74.5	77.1	13.2	327.6	61.4	-	-	-	-
	U.S. GOVERNMENT		FINANCIAL INSTITUTIONS								REST OF THE WORLD	
			Total ⁶		Monetary authority		Commercial banks		Nonbank finance			
	A	L	A	L	A	L	A	L	A	L	A	L
Financial assets	242.3	(x)	4,237.8	(x)	173.4	(x)	1,364.7	(x)	2,364.9	(x)	434.6	(x)
Liabilities	(x) 858.5		(x) 4,005.6		(x) 173.4		(x) 1,283.9		(x) 2,217.6		(x) 467.7	
Gold stock and SDR's	2.6	-	11.2	-	11.2	-	-	-	-	-	58.4	-
IMF position	2.9	-	-	-	-	-	-	-	-	-	-	2.9
Official foreign exchange	5.0	-	5.1	-	5.1	-	-	-	-	-	-	10.1
Treasury currency	-	13.6	15.9	-	15.9	-	-	-	-	-	-	-
Demand deposits and currency	15.9	-	29.3	445.1	-	120.7	2.8	324.4	26.0	-	24.0	-
Time and savings accounts	1.1	-	60.2	1,492.7	-	-	-	763.8	60.2	728.9	26.5	-
Fed. funds and security RP's	-	-	21.4	110.7	-	-	-	101.9	15.3	8.8	-	-
Money market fund shares	-	-	-	74.4	-	-	-	-	-	74.4	-	-
Life insurance reserves	-	9.6	-	213.6	-	-	-	-	-	213.6	-	-
Pension fund reserves	-	76.4	-	653.4	-	-	-	-	-	653.4	-	-
Interbank claims	-	-	54.1	31.5	6.3	47.8	47.8	-16.3	-	-	-10.4	-
Corporate equities ¹	-	-	362.4	55.2	-	-	.1	-	362.3	55.2	67.5	-
Credit market instruments ²	178.0	742.8	3,492.4	555.4	131.4	-	1,247.4	32.2	1,789.5	220.8	180.7	209.9
U.S. Treasury securities ³	-	737.8	329.3	-	121.3	-	112.3	-	93.5	-	133.2	-
Federal agency securities ⁴	39.4	4.5	183.2	302.3	9.3	-	59.0	-	114.3	-	-	-
State and local securities	-	-	250.3	-	-	-	151.1	-	99.2	-	-	-
Corporate and foreign bonds	-	-	395.1	75.8	-	-	8.1	6.3	387.0	69.5	12.8	47.6
Mortgages	14.0	.5	1,278.3	11.3	-	-	284.6	-	770.8	11.3	-	-
Consumer credit	-	-	336.4	-	-	-	176.7	-	159.8	-	-	-
Bank loans, n.e.c.	-	-	458.6	29.3	-	-	458.6	-	-	29.3	-	60.5
Open-market paper	-	-	71.2	87.7	.8	-	18.9	25.9	53.1	61.8	34.7	48.0
Security credit	-	-	43.9	31.3	-	-	20.1	-	23.8	31.3	-	-
Trade credit ⁵	14.3	16.1	15.0	-	-	-	-	-	15.0	-	22.9	15.9
Taxes payable	12.8	-	-	10.8	-	-	-	.9	-	9.8	-	-
Miscellaneous claims	9.7	(2)	126.8	331.5	3.6	4.9	46.4	77.0	72.7	221.3	65.0	228.9

- Represents zero. X Not applicable. Z Less than \$50 million. ¹ Assets shown at market value; nonbank finance liability is redemption value of shares of open-end investment companies. No specific liability attributed to issuers of stocks other than open-end investment companies for amounts outstanding. ² Includes "Other loans," not shown separately. ³ Includes savings bonds and other nonmarketable debt held by public. ⁴ Issues by agencies in the budget and by sponsored credit agencies in financial sectors, issues backed by mortgage pools, and loan participation certificates. ⁵ Asset is corporate only; noncorporate credit deducted in liability total to conform to quarterly flow tables. ⁶ Includes federally sponsored credit agencies and mortgage pools, not shown separately.

Source: Board of Governors of the Federal Reserve System, *Annual Statistical Digest*.

NO. 834. FLOW OF FUNDS ACCOUNTS—FINANCIAL ASSETS OF FINANCIAL AND NONFINANCIAL INSTITUTIONS, BY HOLDER SECTOR: 1960 TO 1980

[In billions of dollars. As of Dec. 31. See also *Historical Statistics, Colonial Times to 1970*, series X 192, X 229, X 821, and X 835]

SECTOR	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
All sectors	1,998	2,981	4,585	5,361	6,000	6,793	7,403	8,324	9,357	10,537
Households	973	1,469	2,153	2,201	2,552	2,944	3,118	3,422	3,836	4,395
Nonfinancial business	211	292	447	566	610	668	727	826	950	1,017
Farm	8	9	12	14	15	16	18	20	22	25
Nonfarm noncorporate	22	25	30	35	38	41	44	49	54	57
Nonfinancial corporations	182	259	406	517	558	610	665	757	874	935
U.S. Government	54	71	93	106	123	145	156	186	213	242
U.S. Government-sponsored credit agencies and mortgage pools	12	20	57	112	127	148	175	222	283	335
State and local government	39	50	78	120	123	134	159	184	190	210
Monetary authorities	53	64	95	113	125	135	143	156	167	173
Commercial banking	228	341	562	795	826	891	989	1,130	1,252	1,365
Nonbank finance	370	588	940	1,129	1,282	1,463	1,634	1,841	2,070	2,365
Savings and loan associations	72	130	206	296	338	392	459	524	579	630
Life insurance	116	154	215	255	280	311	340	378	421	467
Other insurance	26	37	57	68	77	94	113	133	157	185
Private pension funds	38	74	130	116	147	172	179	199	222	266
Government retirement funds ¹	20	34	69	88	105	121	133	153	170	203
Finance companies	28	45	69	96	98	107	127	146	169	180
Mutual savings banks	41	58	91	110	122	136	150	161	164	173
Credit unions	6	11	21	31	37	43	52	58	62	71
Investment companies	17	35	57	34	42	47	43	43	46	55
Money market funds	7	—	—	2	4	4	4	11	45	74
Security brokers and dealers	7	10	18	15	18	27	30	29	28	35
Real estate investment trusts	—	—	6	18	14	10	7	7	7	7
Rest of the world	63	87	160	220	233	266	301	358	396	435

— Represents zero. ¹ State and local government.

NO. 835. FLOW OF FUNDS ACCOUNTS—ASSETS AND LIABILITIES OF HOUSEHOLDS, BY TYPE OF INSTRUMENT: 1960 TO 1980

[As of December 31. See also *Historical Statistics, Colonial Times to 1970*, series X 114–147]

TYPE OF INSTRUMENT	TOTAL (bil. dol.)						PERCENT DISTRIBUTION		
	1960	1965	1970	1975	1979	1980	1960	1970	1980
Total financial assets	973.4	1,468.7	2,152.7	2,551.5	3,836.2	4,395.2	100.0	100.0	100.0
Deposit and market instruments ¹	397.5	552.9	872.5	1,314.5	2,029.8	2,208.6	39.8	40.5	50.3
Demand deposits and currency	79.2	88.4	129.8	166.9	235.7	241.9	7.5	6.0	5.5
Time and savings accounts ²	164.1	288.7	494.5	772.6	1,174.8	1,299.7	16.9	23.0	29.6
Money market fund shares	—	—	—	3.7	45.2	74.4	—	—	1.7
Credit market instruments	150.2	175.8	248.2	371.3	574.1	592.5	15.4	11.5	13.5
U.S. Government securities	74.0	82.0	97.0	152.8	268.9	288.8	7.6	4.5	6.6
Treasury issues	71.5	76.0	76.5	133.4	209.8	227.3	7.3	3.6	5.2
Savings bonds	45.6	49.7	54.4	87.4	79.9	72.5	4.7	2.5	1.6
Other Treasury	25.9	26.3	22.1	66.0	129.9	154.7	2.7	1.0	3.5
Agency issues	2.5	8.0	20.5	19.4	59.1	61.6	.3	1.0	1.4
State and local obligations	30.8	36.4	46.1	68.1	66.5	62.9	3.2	2.1	1.4
Corporate and foreign bonds	10.0	9.5	43.1	63.5	76.2	82.5	1.0	2.0	1.9
Mortgages	33.4	42.2	54.1	71.9	122.6	127.5	3.4	2.5	2.9
Open-market paper	2.0	5.6	7.9	15.1	39.9	30.8	.2	.4	.7
Corporate equities	395.5	635.6	834.1	659.7	918.0	1,141.4	40.6	38.7	26.0
Investment company shares	17.0	35.2	56.7	42.2	46.2	55.2	1.7	2.6	1.3
Other corporate equities	378.4	600.4	777.4	617.5	871.9	1,086.3	38.9	36.1	24.7
Life insurance reserves	85.2	105.9	136.8	166.6	211.2	223.2	8.8	6.4	5.1
Pension fund reserves	90.8	154.8	275.8	365.7	599.4	729.8	9.3	12.8	16.6
Security credit	1.1	2.5	4.9	4.5	8.0	15.1	.1	.2	.3
Miscellaneous assets	13.3	17.0	28.7	40.6	68.9	77.1	1.4	1.3	1.8
Total liabilities	228.2	359.0	550.9	801.2	1,378.6	1,494.5	100.0	100.0	100.0
Credit market instruments	218.4	343.6	526.6	772.3	1,331.7	1,437.7	95.7	95.6	96.2
Mortgages	145.8	227.9	337.4	503.6	879.6	967.4	63.9	61.3	64.7
Installment consumer credit	45.1	73.9	119.3	172.4	311.3	313.4	19.8	21.5	21.0
Other consumer credit	20.1	28.3	39.5	50.9	72.8	74.0	8.8	7.2	5.0
Bank loans, n.e.c. ³	1.2	2.5	9.2	13.7	22.1	26.3	.5	1.7	1.6
Other loans	6.3	10.0	22.3	31.5	45.8	54.5	2.8	4.0	3.6
Security credit	5.4	9.1	13.1	12.1	20.6	27.9	2.4	2.4	1.8
Trade credit	2.1	3.0	5.8	9.1	14.6	16.9	.9	1.1	1.1
Unpaid life insurance premiums ⁴	2.4	3.3	5.4	7.7	11.7	13.2	1.1	1.0	.9

— Represents zero. ¹ Excludes corporate equities. ² "N.e.c." means not elsewhere classified. ³ Includes savings accounts at commercial banks and savings institutions. ⁴ Includes deferred premiums.

Source of tables 834 and 835: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts, 1949–1978; Assets and Liabilities Outstanding, 1969–1979; and Annual Statistical Digest*.

NO. 836. FLOW OF FUNDS ACCOUNTS—ASSETS AND LIABILITIES OF PRIVATE NONBANK FINANCIAL INSTITUTIONS, BY TYPE OF TRANSACTION: 1980

[In billions of dollars. As of Dec. 31. Preliminary. A=Assets; L=Liabilities; "N.e.c."=Not elsewhere classified]

TYPE OF INSTRUMENT	TOTAL		MUTUAL SAVINGS BANKS		SAVINGS AND LOAN ASSOCIATIONS		INSURANCE COMPANIES		PENSION FUNDS ¹		FINANCE COMPANIES		OTHER ²	
	A	L	A	L	A	L	A	L	A	L	A	L	A	L
Financial assets	2,364.9	(X)	172.5	(X)	629.7	(X)	652.1	(X)	488.8	(X)	180.2	(X)	241.6	(X)
Liabilities	(X) 2,217.6	(X)	(X) 160.1	(X)	(X) 596.4	(X)	(X) 566.7	(X)	(X) 488.8	(X)	(X) 170.7	(X)	(X) 234.9	(X)
Demand deposits and currency.....	26.0	-	3.0	-	3.6	-	5.3	-	8.0	-	4.7	-	3.4	-
Time and savings accounts.....	60.2	728.9	4	153.5	7.8	511.0	-	11.3	-	-	-	-	40.7	64.4
Fed. funds, security RP's.....	15.3	8.8	4.5	-	10.8	8.8	-	-	-	-	-	-	-	-
Money market fund shares.....	-	74.4	-	-	-	-	-	-	-	-	-	-	-	74.4
Reserves:														
Life insurance.....	-	213.6	-	-	-	-	-	213.6	-	-	-	-	-	-
Pension fund.....	-	653.4	-	-	-	-	-	164.6	-	488.8	-	-	-	-
Corporate equities.....	362.3	55.2	5.4	-	-	-	87.1	-	225.2	-	-	-	44.6	55.2
Credit market instruments.....	1,789.5	220.8	154.7	-	575.3	68.2	516.6	-	240.1	-	175.5	147.3	127.3	7.3
Securities:														
U.S. Treasury.....	93.5	-	5.9	-	5.4	-	19.8	-	41.0	-	-	-	21.4	-
Federal agency.....	114.3	-	17.9	-	41.3	-	18.6	-	30.1	-	-	-	6.4	-
State and local.....	99.2	-	2.8	-	1.2	-	90.2	-	4.0	-	-	-	1.0	-
Corporate and foreign bonds.....	387.0	69.5	21.6	-	-	3.8	205.0	-	151.2	-	-	64.3	9.2	1.4
Mortgages.....	770.8	11.3	99.8	-	502.7	8.7	131.6	-	13.9	-	12.7	-	10.1	2.6
Consumer credit.....	159.8	-	4.1	-	19.8	-	-	-	-	-	91.9	-	44.0	-
Bank loans, n.e.c.....	-	29.3	-	-	-	4.8	-	-	-	-	-	21.7	-	2.8
Open market paper.....	53.1	61.8	2.7	-	4.9	-	10.5	-	-	-	-	61.3	35.0	.5
Other loans.....	111.8	49.0	-	-	-	49.0	41.0	-	-	-	70.8	-	-	-
Security credit.....	23.8	31.3	-	-	-	-	-	-	-	-	-	-	23.8	31.3
Trade credit.....	15.0	-	-	-	-	-	15.0	-	-	-	-	-	-	-
Taxes payable.....	-	9.8	-	-	-	2.5	-	5.3	-	-	-	1.6	-	.4
Miscellaneous.....	72.7	221.3	4.5	6.6	32.2	7.8	28.1	183.2	6.2	-	-	21.8	1.7	1.9

- Represents zero or rounds to zero. X Not applicable. ¹ Retirement funds of State and local governments and private pension plans. ² Credit unions, money market funds, open-end investment companies, real estate investment trusts, and security brokers and dealers.

NO. 837. FLOW OF FUNDS ACCOUNTS—CREDIT MARKET DEBT OUTSTANDING: 1960 TO 1980

[In billions of dollars. As of Dec. 31. "N.e.c."=Not elsewhere classified]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Credit market debt	780	1,109	1,752	2,181	2,405	2,619	2,904	3,291	3,768	4,243	4,649
Government.....	308	366	493	543	570	669	754	831	908	954	1,054
Federal.....	236	262	326	349	361	446	516	573	626	664	743
State and local.....	72	103	167	194	209	223	238	259	282	291	311
Nongovernment.....	472	743	1,259	1,638	1,835	1,950	2,150	2,460	2,860	3,289	3,594
Financial ¹	30	59	127	194	232	244	268	320	399	488	555
Sponsored credit agencies ²	8	14	40	60	77	80	83	88	111	136	160
Mortgage pools.....	(2)	1	0	18	24	34	50	70	89	119	143
Commercial banks ³	-	2	5	9	13	13	13	15	22	27	32
Savings and loan associations.....	3	9	14	22	27	24	24	34	49	60	66
Finance companies.....	19	34	54	71	76	77	83	101	120	138	147
Foreign.....	23	38	56	68	81	94	115	129	166	182	210
Private domestic nonfinancial.....	418	646	1,076	1,377	1,521	1,611	1,767	2,012	2,295	2,619	2,829
Corporations ¹	154	223	410	522	600	630	679	756	846	961	1,045
Bonds.....	75	98	186	210	231	281	286	311	334	361	389
Mortgages.....	33	54	92	127	141	152	185	185	207	232	251
Bank loans, n.e.c.....	38	61	107	150	180	169	172	193	224	271	300
Finance company loans.....	6	8	15	22	28	30	36	46	54	61	62
Individuals.....	264	423	667	855	922	982	1,088	1,256	1,449	1,658	1,784
By sector:											
Households.....	218	344	527	672	723	772	863	1,003	1,165	1,332	1,438
Farm.....	20	32	51	67	75	84	95	109	128	154	163
Nonfarm noncorporate.....	26	47	89	116	124	126	130	143	157	172	184
By type of instrument:											
Mortgages.....	173	277	427	548	596	641	714	826	951	1,089	1,187
Consumer credit.....	65	103	158	204	214	223	249	289	340	384	388
Policy loans.....	6	8	18	21	24	26	27	29	31	36	42
Bank loans, n.e.c.....	10	17	34	45	47	45	46	51	55	62	66
Other loans.....	10	18	30	37	42	47	53	61	71	87	99

- Represents zero. Z Less than \$500 million. ¹ Includes other types, not shown separately. ² U.S. Government. ³ Includes bank affiliates.

Source of tables 836 and 837. Board of Governors of the Federal Reserve System, *Flow of Funds Accounts 1949-1978; Assets and Liabilities Outstanding, 1969-1979; and Annual Statistical Digest*.

NO. 838. FLOW OF FUNDS ACCOUNTS—CREDIT MARKET SUPPLY OF FUNDS: 1960 TO 1980

[In billions of dollars. As of December 31. Excludes corporate equities. See also *Historical Statistics, Colonial Times to 1970*, series X 64-105]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Credit market debt claims against nonfinancial sectors.....	750	1,050	1,625	1,987	2,173	2,375	2,636	2,972	3,369	3,755	4,093
Public agency and foreign holdings.....	78	114	239	291	342	387	441	526	636	719	814
U.S. Government securities.....	39	56	120	137	149	171	198	238	282	284	306
Residential mortgages.....	10	14	43	66	87	99	110	135	174	222	261
Other loans and securities.....	28	45	76	88	107	117	133	154	180	213	248
Agency debt excluded from total ²	8	15	50	78	101	115	133	159	200	255	302
Private domestic holdings³.....	680	950	1,436	1,774	1,931	2,103	2,328	2,604	2,932	3,291	3,581
U.S. Government securities.....	204	219	254	289	311	387	449	492	544	634	738
State and local obligations.....	71	100	162	191	208	224	240	263	291	305	328
Corporate and foreign bonds.....	80	106	198	221	242	275	308	328	351	376	402
Residential mortgages.....	153	249	357	454	480	504	559	643	731	813	873
Other mortgages and loans.....	174	282	472	634	711	730	791	898	1,048	1,205	1,291
Private financial intermediation:											
Claims held by institutions ⁴	496	752	1,182	1,492	1,617	1,741	1,931	2,188	2,486	2,776	3,037
Commercial banks.....	197	301	498	653	720	749	809	896	1,025	1,144	1,247
Savings institutions.....	110	184	294	377	400	454	524	606	682	738	792
Insurance and pension funds.....	160	219	305	346	376	416	466	535	609	681	757
Sources of funds:											
Domestic deposits ⁵	280	437	708	907	974	1,066	1,191	1,331	1,474	1,607	1,774
Credit market debt.....	22	44	78	116	131	130	134	161	199	233	253
Insurance and pension reserves.....	133	182	250	282	313	342	374	426	484	532	590
Private domestic nonfinancial investors:											
Credit market claims ⁶	206	242	331	398	446	491	532	577	646	748	797
U.S. Government securities.....	105	115	129	152	171	195	212	234	267	327	359
State and local obligations.....	36	43	51	60	69	78	81	84	87	79	75
Corporate and foreign bonds.....	10	10	43	50	55	64	69	66	65	76	83
Open market paper.....	3	7	19	30	36	35	37	46	62	73	72
Deposits and currency⁷.....	309	475	762	968	1,042	1,140	1,272	1,421	1,573	1,714	1,890
Time and savings accounts.....	172	310	534	694	759	843	957	1,078	1,193	1,275	1,405
At banks.....	70	140	263	349	393	418	462	514	568	606	681
At savings institutions.....	102	170	271	345	366	425	495	563	625	669	724
Demand deposits.....	108	127	173	199	201	208	216	234	247	257	259
Currency.....	30	37	53	62	68	74	82	90	99	107	117

¹ Includes Federal Home Loan Bank advances to savings and loan associations. ² Debt of sponsored agencies and mortgage pool securities are excluded from debt of nonfinancial sectors but included in holdings of debt claims below. ³ Claims held by private financial institutions, less sources of funds of credit market debt, plus private domestic nonfinancial investors credit market claims, less FHLB advances. ⁴ Includes other types, not shown separately. ⁵ Includes repurchase agreements.

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts, 1949-1978; Assets and Liabilities Outstanding, 1969-1979; and Annual Statistical Digest*.

NO. 839. USES AND SOURCES OF FUNDS—SUMMARY: 1960 TO 1980

[In billions of dollars, except percent. See tables 833-838 for related data on financial flows]

USE AND SOURCE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Uses, funds raised.....	39.1	66.8	95.1	185.9	187.3	200.1	261.9	338.9	391.6	379.7	355.4
Investment funds.....	28.1	45.6	69.6	120.3	114.1	119.3	143.9	192.8	219.7	228.7	210.0
Short-term funds.....	13.1	23.1	18.6	66.0	63.0	2.7	58.6	94.8	125.1	121.0	71.1
U.S. securities, privately held.....	-2.2	-1.9	8.9	-4	10.2	78.1	59.4	51.5	46.8	29.9	74.3
Less: Financial intermediaries, funds raised.....	3.3	7.9	12.5	31.8	23.8	5.3	15.2	28.5	47.3	50.7	37.2
Sources, gross funds supplied.....	42.4	74.7	107.7	217.7	211.1	205.4	277.1	367.4	438.9	430.3	392.6
Commercial banks.....	9.5	28.5	37.1	81.3	64.6	31.5	66.3	89.9	125.9	120.3	96.5
Percent of funds supplied.....	22.4	38.2	34.4	37.3	30.6	15.3	23.9	24.5	28.7	28.0	24.6
Insurance companies.....	6.5	9.7	13.0	21.7	19.6	25.0	39.2	48.6	53.0	50.9	51.3
Private noninsured pension funds.....	3.7	5.8	7.7	9.2	7.9	14.1	12.5	16.5	16.0	22.8	25.3
State and local government retirement funds.....	2.1	3.3	6.1	6.7	8.0	11.5	12.4	13.9	14.9	19.6	23.9
Savings and loan associations.....	7.3	9.6	12.7	26.5	19.6	36.6	51.9	64.9	57.1	49.7	43.1
Mutual savings banks.....	1.5	4.0	4.1	4.8	3.4	10.9	12.5	11.7	7.9	3.8	5.5
Credit unions.....	.6	1.1	1.6	3.6	3.0	5.0	6.6	8.2	8.3	2.4	3.5
Investment companies.....	1.1	1.9	1.9	1.4	2.0	3.1	1.4	2.9	5.2	22.1	24.4
Other financial intermediaries.....	3.2	5.0	3.9	16.3	4.3	-1.6	7.2	16.8	19.5	21.4	6.7
Business.....	-4.5	1.5	4.1	-7	13.2	13.2	16.3	13.0	11.3	16.3	13.7
Government.....	2.3	9.8	10.7	9.2	16.4	21.4	14.9	13.0	32.0	32.1	36.3
Foreign investors.....	1.8	-2	10.5	4.0	12.2	10.4	17.9	42.1	40.1	-4.9	20.8
Individuals and others.....	7.3	.6	-5.7	33.7	36.9	24.3	17.9	25.9	47.7	73.8	41.6
Total net sources.....	39.1	66.8	95.1	185.9	187.3	200.1	261.9	338.9	391.6	379.7	355.4

Source: Donald Woolley and Beverly Lowen, *Credit and Capital Markets, 1981*, Bankers Trust Company, New York, N.Y.

NO. 840. FEDERAL RESERVE BANKS—ASSETS, LIABILITIES, AND CAPITAL ACCOUNTS: 1960 TO 1980

[In billions of dollars. As of December 31. See also *Historical Statistics, Colonial Times to 1970*, series X 796-805]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Assets	53.0	62.7	85.9	103.1	110.8	120.4	129.3	137.8	151.1	160.8	168.5
U.S. Government securities ¹	27.4	40.8	62.1	80.5	² 85.7	² 94.1	² 104.1	² 111.3	118.6	126.2	130.6
Gold certificate reserves	17.5	13.4	10.5	11.5	11.7	11.6	11.6	11.7	11.7	11.1	11.2
Special drawing rights	(x)	(x)	.4	.4	.4	.5	1.2	1.3	1.3	1.8	2.5
Cash and collection items	7.7	7.0	11.4	8.2	8.6	9.2	8.2	9.9	13.2	14.0	12.9
Loans and acceptances	.1	.3	.4	1.3	1.3	1.4	1.0	1.2	1.8	2.1	2.6
Other assets	.3	1.1	1.1	1.2	3.2	3.3	3.2	2.4	4.5	5.6	8.7
Liabilities and capital accounts	53.0	62.7	85.9	103.1	110.8	120.4	129.3	137.8	151.1	160.8	168.5
Federal Reserve notes	28.4	37.1	50.3	64.3	70.9	77.2	83.7	93.2	103.3	113.3	124.2
Deposits	18.3	19.6	26.7	31.3	30.6	34.8	37.3	35.6	37.0	35.7	31.5
Deferred availability cash items	4.9	4.7	6.9	4.9	6.3	5.5	5.2	5.8	6.5	6.8	8.1
Other, and accrued dividends	(2)	.2	.6	1.0	1.1	1.1	1.1	1.2	2.1	2.7	2.3
Capital accounts	1.2	1.1	1.4	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4

X Not applicable. Z Less than \$50 million. ¹ Beginning 1970, includes securities loaned, fully secured by U.S. Government securities pledged with Federal Reserve banks. ² Excludes securities sold and scheduled to be bought back under matched sale-purchase transactions.

NO. 841. FEDERAL RESERVE MEMBER BANKS—REVENUE AND EXPENSES: 1960 TO 1980

[Includes one member bank in the Virgin Islands. Beginning 1970, data not comparable with prior years]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Member banks	Number	6,174	6,221	5,787	5,735	5,780	5,787	5,758	5,688	5,564	5,425	5,422
Current revenue	Bil. dol.	8.9	13.8	27.9	41.7	53.8	51.4	63.6	70.5	89.1	118.9	150.6
Expenses	Bil. dol.	5.7	10.2	22.2	35.0	46.8	44.4	55.9	61.7	77.8	105.8	136.5
Net current earnings	Bil. dol.	3.3	3.6	5.7	6.7	7.0	7.0	7.7	8.8	11.3	13.1	14.2
Net income	Bil. dol.	1.7	2.1	3.8	5.0	5.4	5.5	5.9	6.6	7.9	9.2	9.9
Cash dividends declared	Bil. dol.	.7	1.1	1.8	2.0	2.3	2.5	2.5	2.6	2.9	3.5	3.9
Capital accounts ¹	Bil. dol.	16.7	24.1	33.1	43.0	46.6	50.2	53.0	59.2	64.4	70.8	77.3
Ratios to avg. capital accounts:												
Net current earnings	Percent	19.6	15.1	17.3	15.5	15.1	13.9	14.5	14.9	17.5	18.5	18.3
Net income	Percent	10.1	8.7	11.5	11.7	10.7	11.0	11.1	11.1	12.3	13.0	12.8
Cash dividends declared	Percent	4.4	4.4	5.3	4.7	4.9	4.9	4.7	4.4	4.5	4.9	5.0

¹ Averages of amounts reported for varying call dates; for details, see source.Source of tables 840 and 841: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

NO. 842. FEDERAL RESERVE SYSTEM—MEMBER BANK RESERVES: 1965 TO 1980

[In billions of dollars. As of December; averages of daily figures]

ITEM	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Factors supplying reserve funds:											
Federal Reserve bank credit ¹											
outstanding ¹	43.9	66.7	76.9	85.6	94.0	99.7	107.6	116.4	129.3	140.0	143.3
U.S. Government securities ²	40.9	61.7	71.1	79.7	86.7	92.1	100.3	107.9	117.3	126.3	127.9
Float	2.3	3.6	3.5	3.4	2.7	3.0	3.6	5.3	7.4	6.5	5.8
Other Federal Reserve assets	.5	1.4	2.2	2.4	3.8	3.7	3.2	3.1	4.6	7.2	9.6
Gold stock	13.8	11.1	10.4	11.6	11.6	11.6	11.6	11.7	11.6	11.1	11.2
Special drawing rights accounts	(x)	.4	.4	.4	.4	.5	1.2	1.2	1.3	1.8	3.3
Treasury currency outstanding	5.6	7.1	8.3	8.7	9.2	10.1	10.9	11.4	11.8	12.9	13.4
Factors absorbing reserve funds:											
Currency in circulation	42.2	57.0	66.1	71.6	79.0	35.8	93.7	102.9	113.4	123.8	135.7
Treasury cash holdings	.8	.4	.4	.3	.2	.5	.5	.4	.3	.4	.4
Deposits with Federal Reserve banks ³	1.1	1.7	2.4	3.0	3.0	5.1	7.4	6.6	5.0	3.6	3.5
Other Federal Reserve accounts	.4	2.3	2.4	2.9	3.3	3.2	3.2	3.7	4.3	5.3	4.9
Member bank reserves	22.7	29.3	⁴ 31.4	⁴ 35.1	36.9	⁴ 35.0	⁴ 35.1	⁴ 36.5	41.6	44.1	40.1
With Federal Reserve banks ⁵	18.7	23.9	24.8	28.4	29.8	27.2	26.4	27.1	31.2	32.6	26.7
Currency and coin	4.0	5.3	6.1	6.6	7.2	7.8	8.5	9.4	10.3	11.3	13.4
Required reserves	22.3	29.0	31.1	34.8	36.6	34.7	35.0	36.3	41.4	43.6	40.1
Excess reserves	.5	.3	⁶ 4.2	⁶ 4.3	⁶ 3.3	⁶ 3.3	⁶ 2.2	⁶ 2.1	⁶ 4.1	⁶ 5.5	(2)
Free reserves ⁶	(-2)	(-2)	-8	-1.0	-4	.1	.1	-4	-7	-1.0	-1.6

X Not applicable. Z Less than \$50 million. ¹ Includes industrial loans and acceptances, when held. ² Includes Federal agency obligations. ³ Other than member bank reserves. ⁴ Includes \$428 million for 1972 and \$81 million for 1973 of reserve deficiencies for which Federal Reserve banks are allowed to waive penalties for a transition period. Transition period ended after second quarter 1974. Beginning with week ending Nov. 19, 1975, adjusted to include waivers of penalties for reserve deficiencies. ⁵ Beginning 1979, includes reserves of all depository institutions. ⁶ Excess less borrowings.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly, and *Annual Statistical Digest*.

No. 843. BANKING OFFICES, BY DEPOSIT INSURANCE STATUS: 1960 TO 1979

[As of December 31. Includes Puerto Rico and outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series X 716-724]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
All banking offices.....	25,105	30,958	37,166	42,886	45,308	47,239	48,653	50,695	52,608	54,928	57,232
Commercial bank, total.....	24,103	29,736	35,695	40,912	43,186	44,917	46,100	47,914	49,602	51,590	53,649
Member, Fed. Reserve System.....	14,303	18,539	21,898	24,756	25,779	26,526	27,154	27,904	28,456	29,163	29,985
National banks.....	10,038	13,801	17,191	19,627	20,498	21,073	21,459	22,294	22,731	23,307	24,217
State banks.....	4,255	4,738	4,798	5,129	5,281	5,453	5,695	5,610	5,725	5,856	5,768
Nonmember banks.....	9,800	11,197	13,596	16,156	17,407	18,391	18,946	20,010	21,146	22,427	23,664
Insured.....	9,382	10,854	13,332	15,863	17,080	18,043	18,578	19,619	20,730	21,993	23,186
Noninsured.....	418	343	264	293	327	348	368	391	416	434	478
Mutual savings bank, total.....	1,002	1,222	1,581	1,974	2,122	2,322	2,553	2,781	3,006	3,338	3,583
Insured.....	706	913	1,223	1,563	1,707	1,897	2,125	2,302	2,517	2,840	3,066
Noninsured.....	296	309	358	411	415	425	428	479	489	498	517

No. 844. CHANGES IN NUMBER OF OPERATING BANKING OFFICES: 1960 TO 1980

[As of December 31. Includes Puerto Rico and outlying areas]

TYPE OF CHANGE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Banking offices.....	25,105	30,958	37,166	42,886	45,308	47,239	48,653	50,695	52,608	54,928	57,232
Number of banks.....	13,999	14,324	14,199	14,676	14,961	15,130	15,170	15,207	15,206	15,201	15,330
Number of branches.....	11,106	16,634	22,967	28,210	30,347	32,109	33,483	35,488	37,402	39,727	41,902
Net change during year.....	883	1,231	1,584	2,224	2,422	1,931	1,414	2,041	1,909	2,320	2,306
Offices opened.....	1,060	1,454	1,864	2,424	2,730	2,224	1,619	2,524	2,426	2,895	2,800
Banks.....	132	202	186	345	408	277	193	206	184	239	271
Branches.....	928	1,252	1,678	2,079	2,322	1,947	1,626	2,318	2,242	2,656	2,529
Offices closed.....	197	223	280	200	308	293	405	483	517	575	494
Banks.....	137	159	165	105	123	108	153	169	185	244	142
Branches.....	60	64	115	95	185	185	252	314	332	331	352

Source of tables 843 and 844: U.S. Federal Deposit Insurance Corporation, *Annual Report*.

No. 845. CHANGES IN COMMERCIAL BANKING STRUCTURE: 1953 TO 1980

[Number of banks, beginning of period, may not correspond to number of banks, end of previous period due to change between types of banking permitted in a State; see footnotes. Minus sign (-) denotes decrease]

CHANGE	1953-1960	1967 and 1968	1969 and 1970	1971 and 1972	1973 and 1974	1975 and 1976	1977 and 1978	1979 and 1980
All commercial banks:								
Number of banks, beginning of period.....	14,074	13,766	13,678	13,686	13,927	14,458	14,671	14,711
New banks organized.....	5,137	191	319	472	752	464	380	500
Mergers and absorptions.....	-4,126	-266	-297	-218	-214	-234	-331	-307
Voluntary liquidations, suspensions.....	-250	-19	-14	-13	-7	-17	-9	-69
Number of banks, end of period.....	14,835	13,678	13,686	13,927	14,458	14,671	14,711	14,835
Net change in banks.....	+761	-88	8	241	531	213	40	124
Number of branches, end of period.....	38,501	19,467	21,646	24,943	28,435	34,582	34,578	38,501
Net change in branches.....	32,975	2,106	2,631	2,968	3,821	3,460	3,456	3,919

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly; *Annual Statistical Digest*; and unpublished data.

No. 846. BANKS CLOSED DUE TO FINANCIAL DIFFICULTIES: 1941 TO 1980

[Prior to 1959, excludes Alaska and Hawaii. Banks are closed either permanently or temporarily by order of supervisory authorities or by directors of banks. See *Historical Statistics, Colonial Times to 1970*, series X 741, 748, 756, and 761]

ITEM	Unit	1941-1950	1951-1960	1961-1970	1971-1974	1975	1976	1977	1978	1979	1980
Total banks.....	Number.....	73	43	63	19	14	17	6	7	10	10
Insured.....	Number.....	61	28	50	17	13	16	6	7	10	10
Noninsured.....	Number.....	12	15	13	2	1	1	-	-	-	-
Deposits.....	\$1,000.....	102,618	114,972	342,360	2,779,064	340,574	865,659	205,208	854,154	110,696	216,300
Insured.....	\$1,000.....	99,276	104,610	334,570	2,699,760	339,574	864,799	205,208	854,154	110,696	216,300
Noninsured.....	\$1,000.....	3,342	10,362	7,790	79,304	1,000	860	-	-	-	-

- Represents zero.

Source: Federal Deposit Insurance Corporation, *Annual Report*.

No. 847. COMMERCIAL BANKS—ASSETS AND LIABILITIES: 1965 TO 1980

[In billions of dollars, except number of banks. As of Dec. 31. Includes noninsured nondeposit trust companies. Includes outlying areas. Includes American branches of foreign banks (labeled as banks) licensed to do a deposit business. See *Historical Statistics, Colonial Times to 1970*, series X 588-609, for related data]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980
Number of banks.....	13,818	13,705	14,468	14,657	14,698	14,738	14,741	14,738	14,870
Assets	382.9	581.5	927.5	974.7	1,040.1	1,176.5	1,329.0	1,437.7	1,543.5
Securities, total.....	104.6	148.5	195.9	230.8	253.2	261.0	272.0	287.8	326.0
Investment securities ^{1 2}	104.6	142.7	187.9	225.5	243.7	252.9	(³)	(³)	(³)
U.S. Treasury.....	59.7	59.3	52.3	81.6	98.0	97.0	90.6	88.6	104.5
Obligations of States and subdivisions.....	38.7	67.9	97.6	101.6	103.3	113.7	124.6	133.3	148.5
Federal funds sold and sec. purchased ⁴	2.1	16.3	40.1	39.3	48.5	54.2	55.0	63.5	71.4
Loans, gross.....	204.7	300.4	514.2	512.5	552.1	632.3	737.6	813.8	841.6
Commercial and industrial loans.....	71.9	113.4	188.6	181.0	185.1	207.3	236.9	265.8	283.3
Real estate loans.....	49.7	73.3	132.1	136.5	151.2	179.0	214.0	245.2	263.6
Construction and land development.....	(⁵)	(⁵)	(⁵)	(⁵)	17.3	21.4	27.3	32.9	36.8
Secured by farmland.....	2.9	4.4	6.0	6.4	6.7	7.8	8.5	8.6	8.7
Secured by residential properties.....	32.4	45.6	82.4	83.1	85.9	101.9	124.4	143.9	154.1
Secured by other properties.....	14.4	23.3	43.7	46.9	41.3	47.9	53.8	59.7	63.9
Loans to financial institutions ⁶	15.5	16.6	47.7	42.5	42.7	43.9	55.5	48.9	46.7
Securities loans (dealers and other).....	8.5	9.8	9.2	11.1	15.4	17.4	14.9	13.8	12.5
Loans to farmers (excl. real estate).....	8.2	11.2	18.2	20.2	23.2	25.7	28.3	31.1	31.6
Other loans to individuals.....	45.7	66.3	104.0	107.6	119.3	141.5	167.9	187.9	181.7
All other loans (incl. overdrafts).....	5.3	7.7	14.3	13.6	15.1	17.5	20.1	21.3	22.1
Net loans.....	(X)	(X)	(X)	(X)	633.2	610.5	711.9	784.6	812.2
Cash, balances with banks, etc.....	61.0	94.0	128.8	134.5	136.8	170.1	188.5	198.9	202.3
Other.....	10.4	22.4	48.4	57.7	68.4	80.9	101.4	102.6	131.7
Liabilities and equity capital	382.9	581.5	927.5	974.7	1,040.1	1,176.5	1,329.0	1,437.7	1,543.5
Deposits.....	333.8	485.5	753.6	792.9	845.1	947.1	1,043.3	1,108.7	1,194.0
Demand.....	185.5	249.0	317.5	325.5	338.7	384.9	408.5	435.0	433.1
Time and savings.....	148.5	236.5	436.1	467.4	506.4	562.2	634.7	673.7	760.9
Business and personal.....	276.8	397.3	608.9	652.9	704.8	766.3	875.0	940.8	1,029.2
Government.....	32.4	49.7	74.8	71.1	72.3	85.1	88.8	87.2	84.8
Domestic interbank.....	17.5	29.2	46.0	45.3	45.6	60.4	67.1	68.3	79.6
Foreign government and bank.....	7.0	9.3	24.2	23.5	22.4	19.3	12.3	11.1	
Miscellaneous liabilities.....	14.7	46.5	101.2	103.3	118.7	143.4	191.2	225.2	235.6
Subordinated notes and debentures.....	1.7	2.2	4.4	4.6	5.3	6.8	5.9	6.0	6.3
Equity capital.....	28.7	41.0	59.6	64.9	73.1	80.3	88.6	97.8	108.1
Stock.....	8.7	11.4	14.9	15.7	16.4	17.4	18.5	20.6	22.0
Surplus.....	13.6	18.2	25.5	26.9	29.3	31.7	33.7	35.5	37.9
Undivided profits and reserve.....	6.5	11.4	19.1	22.3	27.4	31.2	36.4	41.8	48.2

X Not applicable. ¹ Includes other categories not shown separately. ² For 1965, securities reported on net (after deduction of reserves) basis. ³ Investment securities no longer reported as a separate category. ⁴ Under agreements to resell. ⁵ Prior to 1976, included in other categories of real estate loans. ⁶ Includes loans to foreign banks.

Source: U.S. Federal Deposit Insurance Corporation, *Assets and Liabilities: Commercial and Mutual Savings Banks*, semiannual, and *Annual Report*.

No. 848. COMMERCIAL BANKS—SUMMARY, BY CLASS OF BANK: 1970 TO 1980

[As of Dec. 31. Member, nonmember refers to Federal Reserve System. See *Historical Statistics, Colonial Times to 1970*, series X 717-721, for related data on banking offices]

ITEM	Total	National	State member	NONMEMBER		ITEM	Total	National	State member	NONMEMBER	
				In-sured	Non-in-sured					In-sured	Non-in-sured
Number of banks:						Assets (bil. dol.):					
1970.....	13,687	4,621	1,147	7,735	184	1970.....	577.0	340.8	125.5	105.5	4.4
1975.....	14,632	4,744	1,046	8,585	257	1975.....	965.2	553.3	180.5	210.9	20.5
1978.....	14,712	4,564	1,000	8,815	333	1978.....	1,317.2	721.8	235.5	306.7	53.2
1979.....	14,708	4,448	977	8,828	357	1979.....	1,426.8	792.3	256.5	346.6	31.4
1980.....	14,836	4,425	997	9,000	414	1980 ¹	1,530.0	869.6	267.2	389.9	3.3
Banking offices:						Demand deposits (bil. dol.):					
1970.....	35,330	17,157	4,802	13,139	232	1970.....	247.9	145.1	58.5	42.5	1.7
1975.....	44,589	21,022	5,451	17,819	307	1975.....	323.6	183.9	67.7	68.1	3.9
1978.....	49,102	22,538	5,711	20,469	384	1978.....	406.4	220.6	85.2	92.6	8.0
1979.....	51,111	23,122	5,846	21,735	408	1979.....	433.3	234.9	94.8	97.7	3.8
1980.....	53,189	24,045	5,756	22,923	465	1980 ¹	431.0	237.7	90.0	102.6	.7
Gross loans (bil. dol.):						Time and savings deposits (bil. dol.):					
1970.....	303.0	178.0	64.7	52.6	7.6	1970.....	233.9	138.5	42.9	51.5	.8
1975.....	546.5	315.7	100.8	118.6	11.3	1975.....	462.9	263.7	75.7	115.9	7.7
1978.....	731.7	404.3	118.4	180.5	28.4	1978.....	628.7	340.4	93.0	177.4	17.8
1979.....	808.0	454.2	132.2	204.3	17.2	1979.....	666.3	360.1	92.2	204.2	10.0
1980 ¹	835.6	481.1	135.3	218.0	1.2	1980 ¹	752.4	414.2	101.1	236.5	.7

¹ Excludes branches of foreign banks.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 849. COMMERCIAL BANKS—ASSETS AND LIABILITIES, STATES AND OTHER AREAS: 1980

[In millions of dollars, except number of banks. As of December 31]

STATE OR OTHER AREA	Number of banks	Total assets	SELECTED ASSETS					SELECTED LIABILITIES			
			Total securities	Gross loans and Federal funds sold	Gross loans			Equity capital	Deposits		
					Total	Commercial and industrial	Real estate		Total	Demand	Time and savings
Total.....	14,870	1,543,545	326,005	913,143	841,769	283,266	263,557	108,108	1,193,960	433,086	760,874
U.S.....	14,836	1,530,039	323,239	906,683	835,611	281,050	261,907	107,640	1,183,751	431,041	752,710
Ala.....	318	16,839	5,011	9,684	8,930	2,427	2,865	1,394	14,060	4,699	9,361
Alaska.....	12	2,251	652	1,205	1,048	372	411	196	1,757	781	976
Ariz.....	35	13,321	2,464	8,484	8,116	2,181	2,843	720	11,334	3,843	7,491
Ark.....	262	11,091	3,149	6,602	5,976	1,754	2,103	895	9,498	2,943	6,555
Calif.....	297	175,282	20,502	117,676	113,375	33,885	46,506	10,310	137,333	44,979	92,354
Colo.....	442	16,611	2,943	10,391	9,534	3,045	2,467	1,238	13,682	5,871	7,811
Conn.....	64	13,566	2,538	8,587	7,963	2,498	3,050	835	11,214	4,660	6,554
Del.....	20	3,686	1,085	2,126	1,875	335	785	249	2,903	1,044	1,859
D.C.....	18	7,272	1,629	4,179	4,008	1,192	1,567	544	5,576	2,782	2,793
Fla.....	565	47,708	14,117	25,069	22,443	4,892	8,930	3,458	40,228	16,903	23,325
Ga.....	435	22,862	4,995	13,727	12,093	3,347	3,433	1,703	18,555	8,499	10,056
Hawaii.....	12	5,165	1,008	3,380	3,302	832	1,450	335	4,502	1,448	3,055
Idaho.....	26	5,106	1,132	3,105	2,871	863	841	332	4,262	1,288	2,974
Ill.....	1,292	111,624	25,329	69,477	64,825	26,952	17,055	7,956	81,097	25,638	55,459
Ind.....	407	32,280	9,236	18,553	16,990	3,715	7,356	2,379	26,683	7,531	19,152
Iowa.....	657	21,734	6,006	13,123	11,235	2,328	3,244	1,700	18,475	5,000	13,476
Kan.....	620	16,599	5,010	9,631	8,299	2,184	1,813	1,348	14,079	4,504	9,575
Ky.....	345	19,371	5,041	11,838	10,226	2,487	3,772	1,548	16,030	5,612	10,418
La.....	269	24,893	6,937	14,577	12,875	4,402	4,150	1,865	21,144	7,845	13,299
Maine.....	41	3,485	923	2,089	1,951	559	816	240	2,895	784	2,112
Md.....	102	16,035	3,121	10,318	9,678	2,075	4,218	1,163	13,271	4,860	8,411
Mass.....	144	29,483	6,713	15,679	14,520	6,297	3,890	1,848	21,627	8,754	12,873
Mich.....	376	51,662	12,605	30,674	29,328	7,915	12,617	3,475	41,715	10,663	31,052
Minn.....	764	30,726	7,642	18,213	16,546	5,287	4,947	2,088	24,408	7,261	17,148
Miss.....	178	11,466	3,371	6,715	6,140	1,407	2,148	856	9,793	3,084	6,709
Mo.....	731	34,515	8,797	20,124	16,853	4,979	5,763	2,483	28,999	9,923	17,075
Mont.....	166	5,319	1,380	3,303	3,012	824	831	403	4,622	1,311	3,311
Nebr.....	464	11,509	2,703	7,190	6,061	1,318	791	928	9,583	3,296	6,286
Nev.....	11	3,761	845	2,267	2,238	539	1,078	291	3,199	1,340	1,859
N.H.....	76	3,298	657	2,251	2,107	511	1,021	244	2,890	696	2,194
N.J.....	169	35,800	9,376	21,074	19,492	5,239	8,675	2,335	30,023	10,173	19,850
N. Mex.....	90	6,107	1,441	3,826	3,250	1,096	886	421	5,273	1,798	3,475
N.Y. ¹	317	269,036	37,457	141,217	131,010	61,790	20,696	19,866	173,556	90,516	83,040
N.C.....	80	23,321	5,411	13,211	12,273	4,228	2,966	1,593	18,095	6,622	11,473
N. Dak.....	178	5,333	1,506	3,262	2,880	747	882	422	4,523	1,221	3,302
Ohio.....	385	55,036	15,075	31,304	28,899	7,902	10,448	4,362	42,416	12,920	29,496
Okla.....	502	22,833	5,877	13,618	11,694	4,177	2,941	1,651	19,292	7,250	12,043
Oreg.....	90	12,847	2,359	8,075	7,698	2,803	2,572	822	10,464	3,225	7,239
Pa.....	367	81,437	20,048	49,292	45,883	14,628	16,462	5,573	62,898	18,280	44,618
R.I.....	17	6,638	1,407	3,984	3,885	1,268	1,778	371	5,136	1,169	3,968
S.C.....	85	7,034	2,219	4,319	3,918	1,025	992	611	6,325	3,030	3,295
S. Dak.....	153	5,885	1,357	3,172	2,958	668	652	382	4,535	1,055	3,480
Tenn.....	353	23,712	6,070	13,948	12,855	3,586	4,309	1,705	19,798	6,057	13,741
Tex.....	1,472	110,762	24,984	65,785	58,840	25,380	13,063	7,741	89,455	36,180	53,275
Utah.....	76	6,693	1,219	4,141	3,829	1,186	1,474	447	5,635	1,966	3,669
Vt.....	29	2,401	493	1,636	1,586	321	874	153	2,166	462	1,704
Va.....	230	24,117	5,525	15,597	14,496	3,254	5,769	1,748	20,142	6,108	14,034
Wash.....	111	21,922	2,850	13,932	13,308	5,032	3,661	1,308	17,302	5,835	11,467
W. Va.....	237	10,315	3,391	6,189	5,407	901	2,486	884	8,620	2,195	6,425
Wis.....	641	26,495	6,733	16,567	15,234	3,811	7,025	1,943	21,645	6,061	15,584
Wyo.....	103	3,450	898	2,098	1,801	606	535	281	3,035	1,073	1,962
P.R. ²	24	12,034	2,717	5,858	5,555	2,067	1,367	460	8,849	1,799	7,050
Guam ³ and Samoa.....	4	674	19	252	252	63	80	7	613	115	498
V.I. ⁴	6	798	30	352	352	86	203	-	747	131	615

- Represents zero.

¹ Includes data for 17 insured branches operated by 3 State nonmember banks in Puerto Rico.² Includes data for 25 insured branches operated by 2 national banks in New York.³ Consists of data for 15 insured branches located in Guam operated by 2 State nonmember banks in Hawaii, 1 State nonmember bank in Guam, 3 State nonmember banks and a national bank in California, and 2 national banks in New York.⁴ Includes data for 23 insured branches operated by 2 national banks in New York, a national bank in California, and a national bank in Pennsylvania.Source: U.S. Federal Deposit Insurance Corporation, *Assets and Liabilities: Commercial and Mutual Savings Banks*, semiannual.

NO. 850. LARGEST COMMERCIAL BANKS—FINANCIAL DATA, BY RANK OF ASSETS: 1960 TO 1980

[In billions of dollars, except percent. As of December 31. See also table 841]

ASSET GROUP	ASSETS						DEPOSITS					
	1960	1965	1970	1975	1979	1980	1960	1965	1970	1975	1979	1980
Total of 50 largest.....	98.6	146.7	220.0	348.0	517.1	569.7	85.5	124.6	173.9	265.9	347.0	371.3
Percent of all commercial banks.....	39.1	39.4	34.3	35.7	36.0	37.2	38.5	38.4	32.2	33.5	31.3	31.4
Lowest ten.....	6.6	9.2	16.4	23.0	34.5	40.1	5.9	8.1	13.5	17.8	24.7	24.1
Second ten.....	8.1	12.1	19.5	28.7	43.8	47.0	7.2	10.6	16.4	22.1	31.7	28.6
Third ten.....	10.4	14.8	24.2	34.1	54.8	58.9	9.3	12.9	20.0	25.8	38.1	36.3
Fourth ten.....	19.3	28.9	42.4	67.2	102.7	110.4	16.8	24.8	33.6	51.7	68.9	76.6
Highest ten.....	54.3	81.7	117.4	195.0	281.1	313.3	46.4	68.1	90.5	148.5	183.5	205.6
Percent of total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lowest ten.....	6.6	6.3	7.4	6.6	6.7	7.0	6.8	6.5	7.7	6.7	7.1	6.5
Second ten.....	8.2	8.2	8.9	8.2	8.5	8.3	8.4	8.5	9.4	8.3	9.2	7.7
Third ten.....	10.6	10.1	11.0	9.8	10.6	10.3	10.9	10.4	11.5	9.7	11.0	9.8
Fourth ten.....	19.5	19.7	19.3	19.3	19.8	19.4	19.6	19.9	19.3	19.4	19.8	20.6
Highest ten.....	55.0	55.7	53.4	56.1	54.4	54.9	54.3	54.7	52.0	55.9	52.9	55.4

Source: U.S. Federal Deposit Insurance Corporation, unpublished data.

NO. 851. INSURED COMMERCIAL BANKS—SELECTED MEASURES OF FINANCIAL CONDITION: 1975 TO 1980

[As of December 31]

ITEM	Unit	1975	1976	1977	1978	1979	1980
Number of banks.....	Number.....	14,467	14,494	14,439	14,372	14,364	14,435
Equity and debt capital.....	Mil. dol.....	70,336	77,370	85,066	93,192	103,306	114,147
Equity capital to total assets.....	Percent.....	6.1	6.1	5.9	5.8	5.7	5.8
Equity capital to total deposits.....	Percent.....	8.5	7.3	7.1	7.1	7.1	7.3
Debt capital to total capital.....	Percent.....	6.3	6.7	6.9	6.6	6.1	5.7
Total capital to total assets.....	Percent.....	6.5	6.6	6.4	6.2	6.1	6.2
Total capital to total liabilities.....	Percent.....	6.9	7.0	6.8	6.6	6.5	6.6
Total capital to risk assets.....	Percent.....	9.0	9.1	8.8	8.5	8.3	8.4
Total loans, excluding Federal funds.....	Mil. dol.....	579,357	626,892	722,387	828,469	931,198	1,002,483
Total loans to deposits.....	Percent.....	63.4	63.2	64.7	67.4	68.4	67.7
Net loan losses to average total loans.....	Percent.....	.61	.64	.47	.37	.34	.38
Aggregate net operating income ¹	Mil. dol.....	7,146	7,615	8,726	10,899	13,126	14,484
Aggregate net income to average equity capital.....	Percent.....	11.3	11.0	11.5	13.1	14.3	14.1
Aggregate net income to total assets.....	Percent.....	.72	.73	.75	.82	.88	.78

¹ After taxes and before security transactions.Source: U.S. Federal Deposit Insurance Corporation, *The Condition of the Financial System*, May 1980, and unpublished data.

NO. 852. U.S. BANKING OFFICES OF FOREIGN BANKS—SELECTED ASSETS AND LIABILITIES: 1973 TO 1981

[As of December, except as indicated. Offices include agencies, branches, subsidiary commercial banks and New York investment companies, and exclude Puerto Rican banks]

ITEM	Unit	1973	1974	1975	1976	1977	1978	1979	1980	1981, Mar.
Assets, total.....	Bil. dol.....	32.3	46.1	52.4	61.3	76.8	109.1	149.6	200.6	205.3
Standard banking assets.....	Bil. dol.....	24.8	36.9	42.1	48.5	59.0	87.6	122.5	163.8	166.4
Loans, total.....	Bil. dol.....	17.6	27.0	29.9	35.4	41.5	65.3	91.9	121.4	123.2
Business loans.....	Bil. dol.....	12.8	18.8	19.9	19.7	22.0	32.7	48.2	59.6	62.1
Deposits, total.....	Bil. dol.....	11.4	17.0	22.6	26.1	33.8	46.3	62.8	80.4	80.6
SHARE ¹										
Assets, total.....	Percent.....	3.8	4.9	5.3	5.8	6.4	8.0	9.9	11.9	12.1
Standard banking assets.....	Percent.....	3.2	4.3	4.7	5.1	5.6	7.3	9.1	11.0	11.1
Loans, total.....	Percent.....	3.7	5.1	5.7	6.4	6.6	8.8	10.9	13.4	13.6
Business loans.....	Percent.....	7.6	9.5	10.4	10.2	10.3	13.1	16.3	18.2	18.9
Deposits, total.....	Percent.....	1.7	2.3	2.9	3.1	3.6	4.5	5.6	6.6	6.6

¹ Percent of "domestically owned" commercial banks plus U.S. offices of foreign banks.

Source: Board of Governors of the Federal Reserve System, unpublished data.

No. 853. BANK HOLDING COMPANIES—OFFICES, ASSETS, DEPOSITS: 1960 TO 1980

[As of Dec. 31. A "bank holding company" means any company which has control over any bank or over any company that is, or becomes, a bank holding company by virtue of the Bank Holding Company Act and its amendments. Represents domestic data only]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Number of companies.....	47	53	121	1,677	1,752	1,821	1,912	2,027	2,222	2,478	3,056
Banking offices.....	1,463	1,954	4,155	18,471	20,593	22,056	22,990	24,243	25,614	27,099	29,924
Banks.....	426	468	895	3,097	3,462	3,674	3,791	3,903	4,101	4,280	4,954
Branches.....	1,037	1,486	3,260	15,374	17,131	18,382	19,199	20,340	21,513	22,819	24,970
Assets (bil. dol.).....	20.5	31.2	92.9	583.0	640.1	661.3	700.0	795.1	905.0	1,004.7	1,134.4
Percent of all commercial banks.....	11.1	11.5	16.1	67.4	69.6	68.5	67.9	68.2	68.7	70.6	74.1
Deposits (bil. dol.).....	18.3	27.6	78.1	446.6	509.7	527.5	553.6	624.3	691.1	744.7	840.6

Source: Board of Governors of the Federal Reserve System, *Banking and Monetary Statistics, 1941-1970; Annual Statistical Digest*; and unpublished data.

No. 854. MUTUAL SAVINGS BANKS—ASSETS AND LIABILITIES: 1960 TO 1980

[In billions of dollars, except number of banks. As of Dec. 31. Includes Virgin Islands through 1965 and Puerto Rico through 1975. See *Historical Statistics, Colonial Times to 1970*, series X 687-688 and X 821-833, for related data]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Number of banks.....	515	506	494	480	476	473	467	465	463	460
Assets ¹	40.6	58.2	79.2	109.5	121.1	134.8	147.3	158.2	157.9	166.6
Loans and discounts, gross ²	27.1	45.3	60.4	78.7	81.3	86.8	94.4	102.4	102.5	106.6
Real estate loans.....	26.9	44.6	57.9	74.9	77.2	81.6	88.2	95.2	96.2	98.1
Securities.....	12.0	11.0	16.2	28.0	34.2	42.0	46.6	47.8	46.1	48.0
U.S. Government.....	10.5	6.3	5.0	6.8	10.8	14.8	17.4	18.0	18.6	21.1
Other securities.....	1.5	4.7	11.2	19.1	23.4	27.2	29.1	29.8	27.5	26.9
Liabilities and surplus.....	40.6	58.2	79.2	109.5	121.1	134.8	147.3	158.2	157.9	166.6
Deposits.....	36.4	52.6	72.1	99.4	110.6	123.7	134.9	143.7	142.0	149.9
Miscellaneous liabilities.....	.7	.8	1.2	2.2	2.1	2.1	2.4	3.6	5.2	6.1
Surplus accounts.....	3.6	4.7	5.9	8.0	8.4	9.1	10.0	10.9	10.7	10.6

¹ Includes assets not shown separately.

² Prior to 1970, data net of valuation reserves.

Source: U.S. Federal Deposit Insurance Corporation, *Annual Report*.

No. 855. SAVINGS AND LOAN ASSOCIATIONS (FSLIC-INSURED)—SELECTED FINANCIAL ITEMS AND RATIOS OF CONDITION: 1970 TO 1981

[As of Dec. 31 for assets, liabilities and net worth except 1981, as of June 30; calendar year for other items. FSLIC-Federal Savings and Loan Insurance Corporation. FSLIC-insured savings and loan association represent approximately 98 percent of the resources of all operating savings and loan associations]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981, Jan-June
Assets.....	Bil. dol.	170.5	329.0	381.7	447.9	510.8	566.7	615.3	633.8
Mortgage loans outstanding.....	Bil. dol.	146.1	271.3	315.3	372.4	423.5	466.5	492.7	505.7
Liabilities.....	Bil. dol.	158.7	309.9	360.4	423.4	482.6	535.1	582.9	603.0
Net worth.....	Bil. dol.	11.9	19.1	21.3	24.4	28.1	31.6	32.4	30.9
Gross operating income.....	Bil. dol.	10.7	23.7	28.2	33.9	40.6	48.6	56.1	31.5
Operating expense.....	Bil. dol.	1.9	3.9	4.6	5.3	6.2	7.1	7.9	4.4
Cost of funds.....	Bil. dol.	6.1	17.6	20.5	24.1	28.7	36.4	47.4	29.4
Net income before taxes.....	Bil. dol.	1.2	2.1	3.2	4.6	5.7	5.2	1.2	-1.9
Net income after taxes.....	Bil. dol.	.9	1.4	2.2	3.2	3.9	3.6	.8	-1.5
Gross savings receipts.....	Bil. dol.	62.0	151.1	180.8	214.5	266.4	354.5	454.5	241.2
New savings received.....	Bil. dol.	55.5	138.4	165.4	196.3	245.7	330.6	424.2	222.9
Interest/dividends credited.....	Bil. dol.	5.5	12.8	15.4	18.2	20.7	23.9	30.3	18.3
Savings withdrawals.....	Bil. dol.	51.2	109.1	131.1	164.3	222.2	315.6	413.5	234.0
Net savings inflow.....	Bil. dol.	10.8	42.1	49.7	50.2	44.2	38.9	41.0	7.2
Net new savings received.....	Bil. dol.	5.3	29.3	34.4	32.0	23.5	15.0	10.7	-11.1
Mortgage loans closed.....	Bil. dol.	20.8	53.8	77.1	105.3	108.3	98.7	71.3	29.7
Average cost of funds.....	Percent	5.30	6.32	6.38	6.44	6.67	7.47	8.94	9.39
Average effective dividend rate paid.....	Percent	5.14	6.21	6.31	6.39	6.56	7.29	8.78	10.15
Average interest return on mortgages.....	Percent	6.56	7.66	7.95	8.21	8.47	8.83	9.31	9.72
Net income to average assets.....	Percent	.57	.47	.63	.77	.82	.67	.13	-.49

Source: U.S. Federal Home Loan Bank Board, *Combined Financial Statements*, annual; *Savings and Home Financing Source Book*, annual; and *Federal Home Loan Bank Board Journal*, monthly.

NO. 856. SAVINGS AND LOAN ASSOCIATIONS—FINANCIAL ITEMS: 1960 TO 1980

(In billions of dollars, except number of associations. As of December 31, except as indicated. Includes Puerto Rico and Guam. See headnote, table 857. Beginning 1965, excludes associations which have either liquidated or converted to banks; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series X 834-844.)

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, prel.
Number of associations	6,320	6,185	5,669	5,298	5,170	5,086	4,931	4,821	4,761	4,725	4,684	4,613
Number insured	4,098	4,508	4,365	4,191	4,163	4,141	4,078	4,044	4,085	4,053	4,039	4,002
Total assets	71.5	129.6	176.2	243.1	271.9	295.5	338.2	391.9	459.2	523.6	579.0	630.0
Cash and investment securities	7.9	12.1	16.5	24.4	21.1	23.3	30.9	35.7	39.2	44.9	46.3	57.6
Mortgage loans outstanding ¹	60.1	110.3	150.3	206.2	231.7	249.3	278.6	323.0	381.2	432.9	475.7	502.8
Other assets	3.5	7.2	9.3	12.6	19.1	22.9	28.7	33.2	38.9	45.9	56.9	69.4
Total liabilities	66.5	120.9	163.8	227.9	254.8	277.1	318.5	369.9	434.0	494.6	546.3	596.5
Savings capital	62.1	110.4	146.4	206.8	227.0	243.0	285.7	335.9	386.8	431.0	470.0	511.0
Other ²	4.4	10.5	17.4	21.1	27.9	34.1	32.7	34.0	47.2	63.6	76.3	85.6
Net worth	(NA)	(NA)	12.4	15.2	17.1	18.4	18.6	22.0	25.2	29.0	32.6	33.3
Mortgage loans made during year ^{1 3 4}	14.3	24.2	21.4	51.4	49.4	39.0	55.0	78.8	107.4	110.3	100.5	72.5
Home construction ⁴	4.7	6.0	4.2	8.5	8.4	6.5	8.7	13.0	18.2	20.1	18.6	13.5
Home purchase ⁴	6.1	10.8	10.2	26.6	28.2	22.6	30.7	45.7	62.5	65.6	60.7	41.9
Net new savings ⁵	(NA)	(NA)	5.3	23.9	10.5	4.7	29.3	34.4	32.0	23.5	15.0	10.7

NA Not available. ¹ Beginning 1970, real estate sold on contract included in mortgage lending data; prior years, in "Other assets." ² Prior to 1970, permanent stock included in "Other liabilities"; thereafter, in "Net worth." ³ Includes loans not shown separately. ⁴ Covers only 1-4 unit residential structures. ⁵ Insured associations only.

Source: U.S. Federal Home Loan Bank Board, *Savings and Home Financing Source Book*, annual.

NO. 857. SAVINGS AND LOAN ASSOCIATIONS—SELECTED FINANCIAL ITEMS, STATES AND OTHER AREAS: 1979

(In millions of dollars, except number of associations. As of December 31. Major balance sheet items for all operating and insured associations not identical with those shown in table 856, primarily because some State-chartered associations submit their reports on dates other than Dec. 31.)

STATE	Number of associations	Total assets	Mortgage loans outstanding	Savings capital	STATE OR OTHER AREA	Number of associations	Total assets	Mortgage loans outstanding	Savings capital
Total	4,684	577,581	474,936	468,811	Montana	15	1,075	925	891
Alabama	62	4,673	3,816	4,052	Nebraska	40	5,024	4,243	3,851
Alaska	5	298	231	229	Nevada	8	2,204	1,703	1,639
Arizona	16	5,869	4,592	4,758	New Hampshire	17	1,058	893	905
Arkansas	76	4,196	3,254	3,704	New Jersey	212	22,410	16,380	16,664
California	179	109,937	92,512	84,166	New Mexico	33	3,244	1,898	1,931
Colorado	46	8,918	7,234	6,745	New York	122	26,637	17,938	21,685
Connecticut	38	4,071	3,250	3,530	North Carolina	205	11,449	9,990	9,827
Delaware	18	278	246	216	North Dakota	11	2,226	1,858	1,696
District of Columbia	16	4,909	4,288	3,748	Ohio	394	37,757	31,295	31,015
Florida	123	46,256	37,521	38,995	Oklahoma	59	5,370	4,515	4,291
Georgia	99	10,239	8,701	8,597	Oregon	31	6,657	5,465	5,263
Hawaii	7	2,613	2,247	1,909	Pennsylvania	383	23,267	19,388	19,001
Idaho	12	991	859	789	Rhode Island	6	759	646	627
Illinois	382	42,495	35,468	35,033	South Carolina	75	5,931	5,112	5,058
Indiana	184	9,905	8,299	8,486	South Dakota	19	1,022	813	863
Iowa	78	6,815	5,743	5,704	Tennessee	98	6,904	5,844	5,723
Kansas	82	6,821	5,940	5,478	Texas	312	31,351	25,410	25,315
Kentucky	105	5,567	4,767	4,813	Utah	7	3,999	3,477	2,777
Louisiana	126	7,625	6,324	6,581	Vermont	16	242	201	202
Maine	21	663	544	565	Virginia	85	8,819	7,654	7,350
Maryland	201	3,902	8,585	8,096	Washington	48	9,220	7,930	6,848
Massachusetts	162	7,918	5,990	6,788	West Virginia	34	1,465	1,162	1,253
Michigan	65	16,924	14,646	14,447	Wisconsin	114	11,923	10,265	9,828
Minnesota	56	9,997	8,301	7,964	Wyoming	13	871	701	734
Mississippi	59	2,717	2,129	2,314	Puerto Rico	12	1,858	1,498	1,443
Missouri	115	15,069	12,194	12,244	Guam	2	72	52	60

Source: U.S. Federal Home Loan Bank Board, *Asset and Liability Trends*, annual.

NO. 858. FEDERAL AND STATE-CHARTERED CREDIT UNIONS—SUMMARY: 1960 TO 1980

[As of December 31, Federal data include District of Columbia, Puerto Rico, Canal Zone, Guam, and Virgin Islands. State data include Puerto Rico. See also *Historical Statistics, Colonial Times to 1970*, series X 864-878]

YEAR	CREDIT UNIONS REPORTING ¹		MEMBERS (1,000)		ASSETS (mil. dol.)		LOANS OUTSTANDING (mil. dol.)		SAVINGS (mil. dol.)	
	Federal	State ²	Federal	State ²	Federal	State ²	Federal	State ²	Federal	State ^{2,3}
1960.....	9,905	10,151	6,087	5,971	2,670	2,989	2,021	2,381	2,344	2,637
1965.....	11,543	10,521	8,641	8,115	5,166	5,385	3,865	4,233	4,538	4,692
1970.....	12,977	10,679	11,966	10,853	8,861	9,089	6,969	7,137	7,829	7,857
1975.....	12,737	9,871	17,066	14,196	20,209	17,804	14,869	13,300	17,530	15,522
1978.....	12,759	9,443	23,259	17,461	34,780	27,588	27,687	22,582	29,803	23,715
1979.....	12,736	9,274	24,790	18,468	36,467	29,524	28,547	23,677	31,831	25,628
1980, prel.....	12,440	9,208	26,829	19,393	40,092	31,908	26,350	22,147	36,263	28,051

¹ Represents operating credit unions. ² No State or local credit union law in Alaska, Del., S. Dak., Wyo., and for 1960-1975, Hawaii and Nev. ³ Includes members' deposits.

Source: 1960 and 1965, U.S. Social Security Administration, *Federal Credit Union Program*, annual. Beginning 1970, National Credit Union Administration, *Annual Report of the National Credit Union Administration and State-Chartered Credit Unions*.

NO. 859. FINANCE COMPANIES—ASSETS AND LIABILITIES: 1970 TO 1980

[In millions of dollars, except number of companies. As of June 30, Finance companies include Morris Plan Companies and companies whose largest portion of assets is in one or more of the following kinds of receivables—sales finance receivables, personal cash loans to individuals and families, short- and intermediate-term business receivables, and junior liens on real estate. For 1980 based on a stratified random sample of 489 companies. NA Not available]

ITEM	1970	1975	1980	ITEM	1970	1975	1980
Number of companies.....	2,961	3,376	2,775	Assets—Con.			
Total assets, net.....	60,577	88,716	175,025	Less reserves for unearned income.....	5,131	7,684	21,251
Total receivables, gross.....	57,113	85,994	183,341	Less reserves for losses.....	1,123	1,623	2,981
Consumer receivables.....	31,773	40,814	77,260	Total receivables, net.....	50,859	76,687	159,108
Retail passenger car paper.....	9,250	9,938	27,118	Other assets.....	9,718	12,029	15,917
Mobile homes.....	2,327	3,461	4,832	Total liabilities, capital, and surplus.....	60,577	88,716	175,025
Retail consumer goods.....	7,816	12,647	22,702	Loans and notes payable to banks.....	7,551	8,617	15,458
Personal cash loans.....	12,380	14,769	22,608	Short-term.....	6,581	7,900	7,885
Business receivables.....	22,999	39,286	86,067	Long-term.....	969	718	7,573
Wholesale paper.....	7,521	10,945	21,741	Commercial paper.....	22,073	25,905	62,328
Retail paper.....	6,563	11,067	26,318	Other short-term debt.....	5,082	7,498	10,827
Lease paper.....	3,802	8,065	23,261	Other long-term debt.....	15,501	29,013	52,898
Other business credit.....	5,113	9,208	14,747	Other liabilities.....	424	3,823	18,363
Real estate loans.....	(NA)	1,946	11,831	Capital, surplus, undivided profits.....	9,947	13,951	25,350
Other receivables.....	2,342	3,948	8,183				

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, November 1972, March 1976 and May 1981 issues.

NO. 860. SELECTED FEDERAL CREDIT AGENCIES—BALANCE SHEET ITEMS: 1960 TO 1980

[In billions of dollars. As of Dec. 31. Excludes capital accounts except for stock of home loan banks. Bonds, debentures, and notes valued at par; include only publicly offered securities and are not guaranteed by U.S. Government. Loans are gross of valuation reserves and represent cost for FNMA and unpaid principal for other agencies. See *Historical Statistics, Colonial Times to 1970*, series N 300, for FHLB advances]

AGENCY AND ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Federal home loan banks (FHLB):											
Assets: Advances to members.....	2.0	6.0	10.6	15.1	21.8	17.8	15.9	20.2	32.7	41.8	49.0
Investments.....	1.2	1.6	3.9	3.4	3.1	4.4	6.1	3.7	3.4	3.7	4.3
Liabilities: Bonds and notes.....	1.3	5.2	10.2	15.4	21.9	18.9	16.8	18.3	27.6	33.3	41.3
Deposits and borrowings.....	.9	1.0	2.3	1.7	2.5	2.7	4.0	4.3	6.2	9.4	10.1
Capital stock.....	1.0	1.3	1.6	2.1	2.6	2.7	2.9	3.3	4.1	5.1	5.2
FNMA:¹											
Assets: Mortgage loans.....	2.8	2.5	15.5	24.2	29.6	31.8	32.9	34.4	43.2	50.8	57.0
Liabilities: Debentures ²	2.5	1.9	15.2	23.0	28.2	30.0	30.6	31.9	41.1	48.5	55.2
Banks for cooperatives:											
Assets: Loans to cooperatives.....	.8	1.1	2.0	2.6	3.6	4.0	4.4	5.7	6.1	8.1	9.8
Liabilities: Debentures.....	.4	.8	1.8	2.7	3.6	3.7	4.3	4.4	4.8	.6	.6
Federal intermediate credit banks:											
Assets: Loans and discounts.....	1.5	2.5	5.0	7.2	8.8	10.0	11.3	12.8	15.7	19.1	19.4
Liabilities: Debentures.....	1.5	2.3	4.8	6.9	8.6	9.3	10.5	11.2	11.5	2.7	1.8
Federal land banks:											
Assets: Loans.....	2.6	4.3	7.2	11.1	13.6	16.6	19.1	22.8	25.6	31.0	39.1
Liabilities: Bonds.....	2.2	3.7	6.4	10.1	12.7	15.0	17.1	19.1	20.4	18.0	12.4
Farm credit banks:³											
Consolidated notes and bonds.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	2.5	5.1	33.2

X Not applicable.

¹ Secondary market operations of Federal National Mortgage Association.

² Includes notes.

³ Began issuance in Sept. 1977; in 1979, issuance on a regular basis replacing financing activities of Federal land banks, Federal intermediate credit banks, and banks for cooperatives.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

NO. 861. FOREIGN LENDING BY LARGE U.S. BANKS, BY COUNTRY, TYPE OF BORROWER, AND MATURITY: 1980

[In millions of dollars. As of December. Covers 153 banks with assets of \$1 billion or more which do nearly all of the foreign lending in the country. Data represent claims on foreign residents and institutions held at all domestic and foreign offices of covered banks]

Country	Total claims ¹	Bank borrowers	Public borrowers	Maturity, year or less	Country	Total claims ¹	Bank borrowers	Public borrowers	Maturity, year or less
Total²	286,532	158,512	47,549	210,697	Iran	768	249	336	461
Algeria	1,536	282	1,040	475	Ireland	1,165	221	532	650
Argentina	6,866	2,801	1,498	4,714	Israel	1,605	1,269	201	1,192
Australia	1,635	211	278	850	Italy	6,139	3,421	1,497	4,466
Austria	1,607	1,385	113	1,398	Japan	18,673	10,429	144	14,556
Bahamas	11,347	10,790	14	10,771	Korea, Rep. of	7,343	3,889	1,158	5,850
Bahrain	1,824	1,682	98	1,769	Kuwait	1,258	866	19	1,169
Belgium					Liberia	2,479	23	81	1,028
Luxembourg	10,542	9,558	226	10,006	Mexico	15,720	2,993	4,624	8,886
Bolivia	476	78	236	278	Morocco	665	134	425	310
Brazil	14,459	5,340	4,720	6,726	Netherlands	3,748	2,857	6	3,212
British West Indies	8,026	7,732	71	7,880	Nicaragua	450	91	277	252
Bulgaria	425	208	209	200	Nigeria	930	158	678	386
Canada	8,538	6,278	959	6,930	Norway	2,551	369	229	910
Chile	3,722	1,850	848	1,781	Panama	4,727	3,327	332	4,003
China:					Peru	1,724	606	842	1,210
Mainland	215	127	58	155	Philippines	4,648	1,530	1,599	3,183
Taiwan	4,408	1,331	1,310	3,130	Poland	2,085	1,047	874	1,207
Columbia	2,655	1,009	635	1,836	Portugal	749	260	320	532
Denmark	2,689	847	647	1,251	Saudi Arabia	1,317	432	35	1,095
Ecuador	1,935	499	684	1,214	Singapore	4,891	4,299	97	4,580
Egypt	841	545	196	756	South Africa	1,058	444	281	704
Finland	1,598	649	409	926	Soviet Union	482	229	199	184
France	11,408	9,481	1,009	9,754	Spain	4,153	1,464	716	2,333
German Dem. Rep.	1,154	678	429	574	Sweden	3,146	1,539	889	2,092
Germany, Fed. Rep.	6,888	2,239	392	5,512	Switzerland	3,685	2,383	135	3,481
Greece	2,640	456	692	1,172	Thailand	1,561	955	278	1,146
Hong Kong	5,508	3,084	202	4,340	Turkey	1,534	223	1,224	338
Hungary	907	236	640	317	Un. Arab Emirates	1,292	674	381	942
Indonesia	2,038	372	743	1,160	United Kingdom	45,736	36,213	1,543	39,355
					Venezuela	9,695	1,771	3,939	6,909
					Yugoslavia	2,387	1,380	390	756
					Zaire	213	28	179	67

NA Not available. ¹ Includes nonbank private borrowers and maturity over one year, not shown separately. ² Includes countries not shown separately.

Source: Board of Governors of the Federal Reserve System, Federal Financial Institutions Examination Council, statistical release.

NO. 862. HOLDINGS OF CONSTRUCTION, LONG-TERM MORTGAGE, AND LAND LOANS, BY TYPE OF LOAN, 1970 TO 1980, AND BY LENDER, 1980

[In billions of dollars. As of end of year]

TYPE OF LOAN								1980				
	1970	1975	1976	1977	1978	1979	Total ¹	Lender				
								Savings and loan assn.	Commercial banks	Mutual savings banks	Life insurance companies	Federal credit agencies
Mortgage credits, total	422.0	731.3	805.2	925.8	1,064.8	1,214.1	1,314.7	502.8	259.1	100.1	127.9	124.2
Construction loans	18.3	41.4	37.2	45.0	54.2	61.0	64.0	20.5	32.8	1.6	.8	1.7
1-4 unit family homes	5.4	12.9	15.3	22.0	26.2	27.1	26.7	13.5	11.6	.4	-	-
Multifamily residential	6.2	11.6	9.4	9.4	11.0	12.3	13.2	3.0	4.8	.6	-	1.7
Nonresidential	6.5	16.9	12.5	13.6	16.9	21.6	24.1	4.0	16.2	.6	.8	-
Farm properties	.1	-	-	-	-	-	-	-	-	-	-	-
Long-term mortgage loans	399.5	678.8	757.3	871.0	999.8	1,141.6	1,238.3	476.8	222.1	98.3	126.7	122.5
1-4 unit family homes	266.9	434.5	493.0	578.7	677.6	787.5	855.4	409.7	145.1	68.2	17.4	64.3
FHA insured	61.9	67.8	71.5	74.6	80.8	95.4	104.9	11.5	4.0	10.3	4.4	22.7
VA guaranteed	37.2	56.8	61.7	69.1	75.3	85.6	91.3	15.0	2.5	10.8	2.8	12.4
Conventional	167.8	309.9	359.8	434.9	521.5	606.5	659.3	383.2	138.6	47.1	10.2	29.2
Multifamily	45.8	81.9	87.4	93.8	100.9	108.5	114.1	34.3	6.6	14.7	19.0	15.8
Nonresidential	66.4	126.4	139.0	154.8	171.3	188.1	203.5	32.3	62.3	15.4	77.5	5.8
Farm properties	20.3	33.8	37.9	43.7	49.9	57.6	65.3	.4	8.1	-	12.8	36.5
Land loans	4.2	11.1	10.7	9.8	10.9	11.5	12.5	5.5	4.4	.2	.3	-

- Represents zero. ¹ Includes lenders not shown separately.

Source: U.S. Dept. of Housing and Urban Development, *The Supply of Mortgage Credit, 1970-1979*; and monthly and quarterly press releases based on *Survey of Mortgage Lending Activity*.

NO. 863. MORTGAGE DEBT OUTSTANDING, BY TYPE OF HOLDER: 1960 TO 1980

[In billions of dollars, except percent. As of Dec. 31. Includes Puerto Rico and Guam. 1980 data are preliminary. See also *Historical Statistics, Colonial Times to 1970*, series N 273 and N 276]

TYPE OF PROPERTY AND HOLDER	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	PERCENT		
											1960	1970	1980
Total.....	207	333	474	743	802	889	1,021	1,169	1,327	1,452	100.0	100.0	100.0
Residential nonfarm.....	162	258	358	549	591	661	768	886	1,008	1,097	78.3	75.8	75.8
1- to 4-family homes.....	142	220	298	449	491	556	656	765	879	960	68.6	62.9	66.1
Savings and loan assns.....	55	94	125	201	224	261	311	356	394	419	26.6	28.4	28.9
Commercial banks.....	19	30	42	75	77	86	105	129	149	161	9.2	8.9	11.1
Mutual savings banks.....	21	34	42	49	50	53	58	62	64	65	10.1	8.9	4.5
Life insurance companies.....	25	30	27	19	18	13	15	14	16	18	12.1	5.6	1.2
Federal agencies.....	7	6	22	33	38	36	36	44	53	61	3.4	4.6	4.2
Individuals and others.....	15	26	38	72	84	104	131	160	203	236	7.2	8.5	16.3
5 or more units.....	20	37	60	100	101	105	112	121	129	137	9.7	12.7	9.4
Commercial.....	32	54	86	147	159	171	190	212	237	258	15.5	16.0	17.8
Farm.....	13	21	30	46	51	57	64	71	83	98	6.3	6.4	6.7

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

NO. 864. MORTGAGE ACTIVITY OF BANKS, INSURANCE COMPANIES, AND SAVINGS AND LOAN ASSOCIATIONS: 1960 TO 1980

[In billions of dollars. Loans outstanding are as of end of year. Bank and savings and loan data include Puerto Rico. See *Historical Statistics, Colonial Times to 1970*, series N 266-267, X 836-839, and X 911]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Commercial banks:												
Loans outstanding ¹	28.8	49.7	73.3	99.3	119.1	132.1	136.2	151.3	177.8	212.7	246.2	259.1
Nonfarm residential.....	20.4	32.4	45.6	62.8	74.9	82.4	82.9	94.3	111.7	136.3	159.7	168.1
FHA-insured.....	5.9	7.7	7.9	8.5	8.2	7.2	6.3	5.6	5.3	5.2	4.8	4.4
VA-guaranteed.....	2.9	2.7	2.6	3.2	3.3	3.2	3.1	3.0	3.0	2.8	2.7	2.5
Conventional.....	11.7	22.0	35.1	51.1	63.4	72.0	73.5	85.7	103.4	128.3	152.2	161.2
Other nonfarm.....	6.8	14.4	23.3	31.8	38.7	43.7	46.9	50.3	58.3	68.0	78.0	82.9
Farm.....	1.6	2.8	4.4	4.8	5.4	6.0	6.4	6.7	7.8	8.5	8.5	8.1
Mutual savings banks:												
Loans acquired.....	4.4	8.7	6.1	12.6	13.0	8.6	8.9	12.1	15.3	15.5	14.0	8.2
Loans outstanding ²	26.9	44.6	57.9	67.6	73.2	74.9	77.2	81.6	88.1	94.4	99.7	100.1
Nonfarm residential.....	24.3	40.1	49.9	57.1	61.1	62.1	63.8	67.3	72.9	78.5	83.7	83.9
FHA-insured.....	7.1	13.8	16.1	16.0	15.5	14.8	14.4	14.6	14.0	13.8	13.8	13.2
VA-guaranteed.....	9.0	11.4	12.0	12.6	12.9	12.7	12.4	12.3	12.0	11.9	11.4	10.8
Conventional.....	8.2	14.9	21.8	28.5	32.7	34.6	37.0	40.4	46.9	52.9	58.5	59.9
Other nonfarm.....	2.6	4.5	7.8	10.4	12.0	12.7	13.3	14.3	15.2	15.9	16.0	16.1
Life insurance companies:												
Loans acquired.....	6.1	11.1	6.6	8.1	10.7	10.5	8.8	9.0	13.3	16.9	19.6	18.3
Nonfarm.....	5.6	10.0	6.3	7.4	9.7	9.5	7.7	7.5	10.9	14.2	16.8	16.5
Farm.....	.5	1.1	.3	.7	1.0	1.0	1.1	1.5	2.4	2.7	2.8	1.8
Loans outstanding.....	41.8	60.0	74.4	76.9	81.4	86.2	89.2	91.6	96.8	102.9	115.1	127.9
Nonfarm.....	38.8	55.2	68.7	71.3	75.4	79.9	82.4	84.1	87.9	92.4	103.0	115.0
FHA-insured.....	9.0	12.1	11.4	10.0	9.2	8.5	7.9	7.3	6.6	6.1	5.8	5.5
VA-guaranteed.....	6.9	6.3	5.4	4.7	4.4	4.2	3.9	3.6	3.3	3.2	3.0	2.8
Other.....	22.9	36.8	51.9	56.6	61.8	67.2	70.6	73.2	78.0	83.1	94.2	106.7
Farm.....	3.0	4.8	5.6	5.7	6.0	6.3	6.8	7.5	8.8	10.5	12.2	12.8
Savings and loan associations:												
Loans made ³	14.3	23.8	25.8	60.6	60.0	47.8	62.6	90.7	123.8	128.2	116.9	86.7
Loans outstanding ⁴	60.1	110.3	150.3	206.2	231.7	249.3	278.6	323.0	381.2	432.9	475.8	502.8
FHA-insured.....	3.5	5.1	10.2	15.4	15.1	14.5	16.5	14.7	13.9	13.2	13.0	12.8
VA-guaranteed.....	7.2	6.4	8.5	13.5	14.7	15.3	14.0	16.6	16.2	15.8	15.6	15.0
Conventional.....	49.3	98.8	131.7	177.3	202.0	219.4	248.0	291.7	351.0	403.9	447.2	475.0

¹ Includes loans held by nondeposit trust companies; excludes holdings of trust departments of commercial banks. ² Includes a small amount of farm loans not shown separately. ³ Includes Guam. ⁴ Includes shares pledged against mortgage loans, and beginning 1970, junior liens and real estate sold on contract.

Source: U.S. Department of Housing and Urban Development, *The Supply of Mortgage Credit, 1970-1979*; and monthly and quarterly press releases based on the Survey of Mortgage Lending Activity.

NO. 865. CONSUMER CREDIT: 1960 TO 1981

[In billions of dollars, except percent. Estimated amounts of credit outstanding as of end of year or month; extended and repaid, for entire year or month. See also *Historical Statistics, Colonial Times to 1970*, series X 551-550]

TYPE OF CREDIT	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981, May
Credit outstanding.....	65.2	103.2	143.1	177.7	203.1	213.4	223.1	248.9	289.2	337.9	383.3	385.6	389.0
Ratio to disposable personal income ¹ (percent).....	18.5	20.8	20.0	20.7	21.2	20.7	19.6	20.1	20.6	21.0	24.7	20.2	(NA)
Installment.....	45.1	73.9	105.5	133.2	155.1	164.6	172.0	193.5	230.6	273.6	312.0	313.4	315.5
Automobile paper.....	18.1	29.4	36.3	47.9	53.8	54.3	57.2	67.7	82.9	101.6	116.4	116.3	118.9
Revolving.....	(NA)	(NA)	5.1	9.7	11.7	13.7	15.0	17.2	39.3	48.3	56.9	59.9	57.5
Mobile home paper.....	(NA)	(NA)	2.5	9.5	13.6	14.6	14.4	14.6	15.0	15.2	16.8	17.3	17.6
All other loans.....	27.0	44.5	61.6	66.1	76.0	82.0	85.3	94.1	93.4	108.5	121.9	119.9	121.4
Noninstallment.....	20.1	29.3	37.6	44.5	48.0	48.8	51.1	55.4	58.6	64.3	71.3	72.2	73.5
Single-payment loans.....	9.1	15.5	19.3	25.2	27.3	26.8	27.4	28.8	32.8	35.8	40.0	39.9	40.1
Charge accounts.....	7.2	8.3	9.2	10.3	10.7	11.2	11.7	13.2	11.0	12.0	12.7	13.0	12.6
Service credit.....	3.7	5.5	9.1	9.0	10.0	10.9	12.0	13.4	14.8	16.4	18.6	19.3	20.8
Installment credit:													
Extended.....	50.8	79.9	115.1	152.3	173.0	172.8	180.1	210.7	257.6	297.7	324.8	305.9	28.2
Liquidated.....	47.0	71.6	110.4	136.8	152.8	163.3	172.7	189.2	222.1	254.5	286.4	304.5	26.8
Net change.....	3.8	8.3	4.7	15.5	20.2	9.5	7.4	21.6	35.5	43.1	38.4	1.4	1.4
Ratio: Liquidations to disposable income ¹ & (percent).....	13.3	15.0	15.9	16.9	16.7	16.4	15.8	15.8	17.0	17.4	17.4	16.7	16.2
Life insurance policy loans ²	5.2	7.7	16.1	18.0	20.2	22.9	24.5	25.8	27.6	30.1	34.8	38.9	41.4
Delinquency rate, bank installment loans ³	1.93	1.81	2.14	2.19	2.53	3.13	2.77	2.57	2.62	2.71	2.93	2.82	⁴ 2.37

NA Not available. ¹ See table 713. ² Seasonally adjusted. ³ Source: American Council of Life Insurance, Washington, D.C. Year-end figures are annual statement asset values; month-end figures are book value of ledger assets. These loans are not included in "Credit outstanding." ⁴ Number of loans delinquent 30 days or more as a percentage of total installment loans outstanding. Source: American Bankers Association, Washington, D.C., *Delinquency Rates on Bank Installment Loans*. ⁵ March.

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

NO. 866. CONSUMER INSTALLMENT CREDIT OUTSTANDING, BY HOLDER: 1960 TO 1981

[In billions of dollars, As of end of year or month. Estimated]

HOLDER	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981, May
Total.....	45.0	73.9	105.5	133.2	155.1	164.6	172.0	193.5	230.5	273.6	312.0	313.4	315.5
Commercial banks.....	18.7	31.8	48.7	64.6	75.9	80.1	82.9	93.7	112.4	136.1	154.2	145.8	142.1
Finance companies.....	15.4	23.9	27.6	31.9	35.4	36.1	36.0	39.9	44.9	54.3	68.3	76.8	81.8
Credit unions.....	3.9	7.3	13.0	17.0	19.8	21.9	25.7	31.2	37.6	44.3	46.5	44.0	45.1
Retailers ¹	6.3	9.8	13.9	15.0	16.6	18.1	18.2	19.3	23.5	26.0	28.1	29.4	27.3
Other ²	.7	1.1	2.3	4.8	7.6	8.4	9.2	10.5	12.2	13.0	14.9	17.5	19.2

¹ Excludes 30-day charge credit held by retailers, oil and gas companies, and travel and entertainment companies.

² Includes mutual savings banks, savings and loan associations, and gasoline companies.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

NO. 867. INSTALLMENT CREDIT—FINANCE RATES ON SELECTED TYPES OF CREDIT FOR COMMERCIAL BANKS AND FINANCE COMPANIES: 1972 TO 1981

[Percent per year. Annual averages, except as indicated. Commercial bank rates are "most common" rates for direct loans with specified maturities; finance company rates are weighted averages for purchased contracts, except personal loans]

TYPE	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981, May
Commercial banks:										
New automobiles (36 months).....	10.05	10.21	10.87	11.36	11.07	10.92	11.02	12.02	14.30	16.04
Mobile homes (84 months).....	10.79	10.94	11.45	11.82	11.75	11.84	12.09	12.77	14.99	17.02
Other consumer goods (24 months).....	12.46	12.60	12.99	13.08	13.02	12.97	13.19	13.85	15.47	17.48
Personal loans (12 months).....	12.68	12.83	13.26	13.41	13.30	13.39	13.61	14.09	15.68	17.93
Credit-card plans.....	17.21	17.21	17.21	17.16	17.05	16.89	17.03	17.03	17.31	17.71
Finance companies:										
New automobiles.....	11.90	12.08	12.61	13.12	13.17	13.14	13.14	13.48	14.84	16.07
Used automobiles.....	16.53	16.70	17.18	17.64	17.63	17.82	17.63	17.95	19.10	19.70
Mobile homes.....	12.42	12.78	13.29	13.63	13.44	13.58	13.43	13.64	15.47	17.54
Other consumer goods.....	19.35	18.87	19.09	19.78	19.51	19.21	19.04	19.08	20.61	21.00
Personal loans.....	21.09	20.61	20.74	20.97	21.04	20.54	20.52	20.49	21.13	20.75

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly, and *Annual Statistical Digest*.

No. 668. MONEY STOCK AND MONEY IN CIRCULATION: 1950 TO 1980

[In billions of dollars, except as indicated. Prior to 1970, as of June 30; thereafter, as of Dec. 31. See *Historical Statistics, Colonial Times to 1970, series X 423*, for money in circulation]

KIND OF MONEY	1950	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total money stock	37.9	42.4	50.2	58.1	85.9	93.0	92.1	100.1	111.9	124.7	138.5	154.0
Percent gold.....	63.9	45.6	27.7	15.5	13.5	12.5	12.6	11.6	10.5	9.4	8.1	7.3
Bullion and coin, total.....	28.1	24.2	18.9	17.1	19.7	20.3	21.2	21.8	22.4	22.9	23.7	24.4
Gold ¹	24.2	19.3	13.9	10.6	11.6	11.7	11.6	11.6	11.7	11.7	11.2	11.2
Cupronickel-clad dollars.....	-	-	-	-	.3	.3	.5	.6	.6	.7	1.4	1.5
Subsidiary and minor coin.....	1.4	2.1	3.2	6.0	7.3	7.8	8.6	9.2	9.6	10.1	10.6	11.2
Other ²	2.5	2.7	1.8	.5	.5	.5	.5	.5	.5	.5	.5	.5
Paper currency, net.....	35.3	39.8	48.0	61.5	77.7	84.3	82.5	89.9	101.1	113.4	125.9	140.8
Federal Reserve notes and bank notes.....	23.9	28.5	37.4	53.8	68.2	75.2	81.9	89.4	100.6	112.9	125.4	140.3
Gold certificates, net ^{3,4}	8.7	8.5	7.4	7.1	8.9	8.6	(2)	(2)	(2)	(2)	(2)	(2)
Other.....	2.8	2.8	1.2	.5	.5	.5	.5	.5	.5	.5	.5	.5
Money in circulation	27.2	32.1	39.7	57.1	72.5	79.7	86.5	93.7	103.8	114.6	125.6	137.2
Per capita (dol.).....	179	177	204	276	343	375	403	433	477	522	566	600

- Represents zero. ² Less than \$50 million. ¹ Valued at \$35 per fine ounce until May 7, 1972; valued at \$38 per fine ounce until October 18, 1973; \$42 thereafter. Excludes gold deposited with U.S. by International Monetary Fund from September 1965 to February 1972. ³ Includes standard silver dollars. ⁴ Includes gold certificates outside Treasury, credits payable in gold certificates, and redemption fund for Federal Reserve notes. ⁵ Beginning 1975, not comparable with earlier years because of decision by Federal Reserve Banks to pledge substantially all gold certificates against Federal Reserve notes outstanding.

Source: U.S. Dept. of the Treasury, *Statistical Appendix to the Annual Report of the Secretary of the Treasury on the State of the Finances; Monthly Statement of United States Currency and Coin*, Form 102B; and unpublished data.

No. 669. MONEY IN CIRCULATION, BY DENOMINATION: 1960 TO 1980

[In millions of dollars. As of December 31]

DENOMINATION	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total ¹	32,869	42,056	57,093	72,497	79,743	86,547	93,717	103,811	114,645	125,600	137,244
Coin and small currency	23,521	29,842	39,639	48,288	51,806	54,865	57,645	62,543	66,893	70,693	73,893
Coin.....	2,427	4,027	6,281	7,759	8,332	8,959	9,483	10,071	10,739	11,658	12,419
\$1 ²	1,533	1,908	2,310	2,639	2,720	2,809	2,858	3,038	3,194	3,308	3,499
\$2.....	88	127	136	135	135	135	637	650	661	671	677
\$5.....	2,246	2,618	3,161	3,614	3,718	3,841	3,905	4,190	4,393	4,549	4,635
\$10.....	6,891	7,794	9,170	10,226	10,503	10,777	10,775	11,361	11,661	11,894	11,924
\$20.....	10,536	13,369	18,581	23,915	26,197	28,344	29,987	33,233	36,045	38,613	40,739
Large currency	9,348	12,214	17,454	24,210	28,137	31,681	36,072	41,269	47,952	54,907	63,352
\$50.....	2,815	3,540	4,896	6,514	7,444	8,157	9,029	10,079	11,279	12,585	13,731
\$100.....	5,954	8,135	12,084	17,288	20,298	23,139	26,668	30,818	36,306	41,960	49,264
\$500.....	249	245	215	185	179	175	172	169	167	164	163
\$1,000.....	316	288	252	216	209	204	200	197	194	192	189
\$5,000.....	3	3	3	2	2	2	2	2	2	2	2
\$10,000.....	10	4	4	4	4	4	4	4	4	4	3

¹ Outside Treasury and Federal Reserve banks. ² Paper currency only; \$1 silver coins reported under coin.

Source: 1960-1973, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly; thereafter, U.S. Dept. of the Treasury, *Monthly Statement of United States Currency and Coin*, Form 102B.

No. 870. BANK DEBITS AND DEPOSIT TURNOVER: 1970 TO 1981

[Annual averages of monthly data, except as indicated]

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981, May ¹
Debits to demand deposits (tril. dol.):											
All commercial banks.....	11.3	15.0	18.9	22.9	25.0	29.2	34.4	40.3	49.8	63.0	74.8
Major New York City banks.....	4.0	5.5	6.8	8.4	9.7	11.5	13.9	15.0	18.5	25.2	29.6
Other banks.....	7.3	9.6	12.1	14.5	15.4	17.7	20.5	25.3	31.3	37.8	45.2
Demand deposit turnover rate:²											
All commercial banks.....	63.3	73.3	84.8	98.9	105.3	116.7	129.2	138.9	163.3	202.0	260.9
Major New York City banks.....	170.0	230.4	274.0	321.3	356.9	411.7	503.3	542.0	645.1	814.0	975.1
Other banks.....	47.0	52.8	61.2	70.5	72.9	79.7	85.9	96.7	113.3	134.5	176.3

¹ Seasonally adjusted. ² Computed by dividing debits during a period (converted to an annual rate) by average deposits against which debits are made; indicates number of times a deposit dollar is used during the period.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 871. MONEY STOCK MEASURES AND COMPONENTS: 1960 TO 1981

[In billions of dollars, except percent. As of December, except as indicated. Seasonally adjusted averages of daily figures. See *Historical Statistics, Colonial Times to 1970*, series X 410-417 for similar data]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981, May
Measures:¹												
M1-A.....	142	169	216	266	277	290	308	331	355	373	388	365
M1-B.....	142	170	217	266	278	292	311	336	364	391	416	432
M2.....	312	458	626	860	908	1,024	1,169	1,296	1,404	1,525	1,669	1,743
M3.....	314	479	673	978	1,060	1,163	1,302	1,463	1,626	1,775	1,964	2,059
L.....	403	583	814	1,140	1,246	1,374	1,529	1,723	1,937	2,151	2,377	2,477
Components:												
Currency.....	29	36	49	62	68	74	81	89	97	106	116	120
Demand deposits.....	113	132	166	203	207	214	224	240	254	263	267	241
Traveler's checks.....	(2)	1	1	2	2	2	3	3	4	4	4	4
Other checkable deposits ²	(2)	(2)	(2)	1	1	2	3	5	9	18	28	67
Savings deposits.....	158	255	257	322	334	384	448	487	476	417	393	381
Small denomination time deposits ³	13	35	153	266	289	340	396	454	533	653	757	799
Large denomination time deposits ⁴	2	21	45	111	144	130	118	145	184	220	257	277
Short-term Treasury securities.....	37	41	49	50	54	77	81	90	100	129	161	156
Savings bonds.....	46	50	52	60	63	67	72	76	80	80	72	70
Money market mutual fund shares ⁵	(NA)	(NA)	(NA)	(2)	2	4	3	4	10	44	76	118
Commercial paper.....	5	10	35	42	50	48	52	63	79	97	100	99
Bankers' acceptances.....	1	2	3	5	11	8	9	12	22	27	33	36
Term repurchase agreements (RP's) ²	(NA)	(NA)	1	7	8	9	15	21	28	30	37	38
Overnight repurchase agreements (RP's) ²	(NA)	(NA)	1	7	7	8	14	18	22	22	28	32
Term Eurodollars ²	1	2	2	5	8	10	13	19	30	43	48	57
Overnight Eurodollars ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1	2	4	5	6
Annual percent change:⁶												
M1-A.....	7	4.7	5.3	5.5	4.3	4.7	6.0	7.7	7.1	5.0	4.0	-1.5
M1-B.....	7	4.7	5.3	5.5	4.4	5.0	6.6	8.1	8.3	7.2	6.4	10.3
M2.....	4.9	8.1	6.4	7.0	5.6	12.8	14.2	10.9	8.3	8.6	9.5	11.1
M3.....	5.2	9.2	10.1	11.2	8.4	9.7	12.0	12.3	11.2	9.2	10.8	12.3
L.....	3.8	8.2	6.8	11.8	9.3	10.2	11.3	12.7	12.4	11.1	10.5	11.3

NA Not available. Z Less than \$500 million. ¹ M1-A is currency plus demand deposits plus traveler's checks of nonbank issuers; M1-B is M1-A plus other checkable deposits at banks and thrift institutions; M2 is M1-B plus overnight RP's and Eurodollars, money market mutual fund shares, and savings and small time deposits at commercial banks and thrift institutions; M3 is M2 plus large time deposits and term RP's at commercial banks and thrift institutions; and L is M3 plus other liquid assets such as term Eurodollars, savings bonds, short-term Treasury securities, bankers' acceptances, and commercial paper. ² Not seasonally adjusted. ³ Issued in amounts of less than \$100,000. ⁴ Issued in amounts of \$100,000 or more and are net of holdings of domestic banks, thrift institutions, the U.S. Government, money market mutual funds, and foreign banks and official institutions. ⁵ From previous year shown: for 1960, from 1959. For average annual percent change, see Guide to Tabular Presentation.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 872. TIME AND SAVINGS DEPOSITS HELD BY INSURED COMMERCIAL BANKS—DEPOSITS AND INTEREST RATES: 1978 TO 1981

TYPE OF DEPOSIT, DENOMINATION, AND ORIGINAL MATURITY	DEPOSITS ¹ (bil. dol.)				TYPE OF DEPOSIT, DENOMINATION, AND ORIGINAL MATURITY	INTEREST RATES PAYABLE (percent)			
	1978, July	1979, July	1980, July	1981, April		1978, July	1979, July	1980, July	1981, April
Savings and time deposits¹	576.4	625.1	685.2	772.8	Savings and small-denomination time deposits¹	5.65	6.25	6.64	9.40
Savings.....	220.6	217.5	204.1	204.5	Savings.....	4.93	5.15	5.19	5.20
Interest-bearing time deposits, less than \$100,000 ¹	175.3	211.6	269.2	310.9	Interest-bearing time deposits, less than \$100,000 ¹	8.35	6.63	6.70	6.66
Other than domestic governmental units.....	163.2	140.3	92.2	68.7	Other than domestic governmental units.....	6.35	6.64	6.70	6.70
30 to 90 days ²	5.4	2.8	11.6	1.1	14 to 90 days ²	4.83	4.97	5.19	5.20
90 to 180 days.....	29.4	23.5	16.5	12.7	90 to 180 days.....	5.47	5.48	5.64	5.67
180 days to 1 year.....	3.2	2.8	2.0	2.5	180 days to 1 year.....	5.49	5.47	5.61	5.58
1 to 2 1/2 years.....	32.9	23.5	12.2	8.3	1 to 2 1/2 years.....	5.99	5.99	5.98	5.98
2 1/2 to 4 years.....	18.3	14.7	6.5	5.5	2 1/2 to 4 years.....	6.49	6.46	6.47	6.46
4 to 6 years.....	50.9	46.0	30.6	22.2	4 to 6 years.....	7.22	7.26	7.22	7.22
6 to 8 years.....	21.7	23.9	18.4	14.1	6 to 8 years.....	7.48	7.49	7.48	7.48
8 years or more.....	1.4	3.2	2.5	2.2	8 years or more.....	7.61	7.69	7.67	7.65
IRA and Keogh Plans ³	2.8	4.5	5.3	6.4	IRA and Keogh Plans ³	7.62	7.86	8.43	10.16
Money market certificates ⁴	64.2	64.2	147.9	199.4	Money market certificates ⁴	7.42	9.25	8.18	14.24
Small saver certificates ⁴	(x)	(x)	21.7	34.8	Small saver certificates ⁴	(x)	(x)	9.17	11.72
Interest-bearing time deposits, \$100,000 or more.....	174.0	189.3	205.4	251.4					

X Not applicable. ¹ Includes types not shown separately. ² Prior to Nov. 1980, 30 to 90 days. ³ Time deposits, 3 years or more. ⁴ \$10,000 or more, exactly 6 months. ⁵ 2 1/2 year floating-rate certificates.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

NO. 873. MONEY MARKET INTEREST RATES: 1960 TO 1981

[Percent per year. Annual averages of monthly data, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series X 444-453]

TYPE	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981, Jan.- June ¹
Federal funds, effective rate	3.22	4.07	7.18	10.50	5.82	5.04	5.54	7.93	11.19	13.36	17.18
Commercial paper, 3-month ²	(NA)	(NA)	(NA)	10.01	6.25	5.24	5.55	7.94	10.67	12.66	15.74
Prime rate charged by banks	4.82	4.54	7.91	10.81	7.86	6.84	6.83	9.06	12.67	15.27	19.07
Eurodollar deposits, 3-month	(NA)	(NA)	8.52	11.04	7.03	5.58	6.03	8.78	11.96	14.00	17.25
Finance paper, 3-month ³	3.54	4.21	7.18	8.85	6.15	5.20	5.49	7.80	10.47	11.49	14.24
Bankers acceptances, 90-day ⁴	3.51	4.22	7.31	9.89	6.29	5.19	5.60	8.11	11.04	12.78	15.75
Large negotiable certificates of deposit, 3-month, secondary market	(NA)	4.35	7.56	10.24	6.44	5.27	5.64	8.22	11.22	13.07	16.33
Federal Reserve discount rate ⁵	3-4	4-4½	5½-6	7½-8	6-7½	5½-6	5½-6	6-9½	9½-12	10-13	13-14
U.S. Government securities: ⁶											
3-month Treasury bill	2.87	3.95	6.39	7.83	5.77	4.97	5.27	7.19	10.07	11.43	14.65
6-month Treasury bill	3.20	4.06	6.48	7.94	6.09	5.25	5.63	7.58	10.06	11.37	13.98
1-year Treasury bill	3.41	4.06	6.48	7.70	6.28	5.52	5.71	7.74	9.75	10.89	13.03
Prime 1-year municipals ⁷	2.05	2.35	4.35	4.75	3.91	3.12	2.91	4.15	5.34	6.25	7.33

NA Not available. ¹ Monthly average. ² Averages of daily offering rates of dealers. ³ Placed directly; averages of daily offering rates quoted by finance companies. ⁴ Prior to Aug. 15, 1974, averages of the most representative daily offering rates of dealers; thereafter, averages of the midpoint of the range of daily dealer closing rates. ⁵ Federal Reserve Bank of New York, low and high. The discount rates for 1980 and 1981 do not include the surcharge applied to frequent borrowings by large institutions. The surcharge reached 3 percent in 1980 and 4 percent in 1981. ⁶ Averages based on daily closing bid yields in secondary market, bank discount basis. ⁷ Averages based on quotations for one day each month. Source: Salomon Brothers, New York, N.Y., *An Analytical Record of Yields and Yield Spreads*.

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly, and *Annual Statistical Digest*.

NO. 874. FEDERAL RESERVE BANK OF NEW YORK—DISCOUNT RATES: 1971 TO 1981

[Percent per year. See also *Historical Statistics, Colonial Times to 1970*, series X 454-455]

EFFECTIVE DATE	RATE	EFFECTIVE DATE	RATE	EFFECTIVE DATE	RATE	EFFECTIVE DATE	RATE	EFFECTIVE DATE	RATE
1971: Jan. 8.....	5½	1973—Con.		1976: Jan. 19.....	5½	1978—Con.		1980—Con.	
Jan. 22.....	5	June 11.....	8½	Nov. 22.....	5½	Nov. 1.....	9½	Sept. 26.....	11
Feb. 19.....	4½	July 2.....	7	1977: Aug. 31.....	5½	1979: July 20.....	10	Nov. 17.....	12
July 16.....	5	Aug. 14.....	7½	Oct. 26.....	6	Aug. 17.....	10½	Dec. 5.....	13
Nov. 19.....	4½	1974: Apr. 25.....	8	1978: Jan. 9.....	6½	Sept. 19.....	11		
Dec. 17.....	4½	Dec. 9.....	7½	May 11.....	7	Oct. 8.....	12	1981: ¹ May 5.....	14
1973: Jan. 15.....	5	1975: Jan. 10.....	7½	July 3.....	7½	1980: ² Feb. 15.....	13		
Feb. 26.....	5½	Feb. 5.....	6½	Aug. 21.....	7½	May 30.....	12	In effect June	
May 4.....	5½	Mar. 10.....	6½	Sept. 22.....	8	June 13.....	11	30, 1981.....	14
May 11.....	6	May 16.....	6	Oct. 18.....	8½	July 28.....	10		

¹ See table 873, footnote 5.

NO. 875. BANK EFFECTIVE INTEREST RATES FOR COMMERCIAL AND INDUSTRIAL LOANS, CONSTRUCTION AND LAND DEVELOPMENT LOANS, AND FARM LOANS, BY SIZE OF LOAN: 1980 AND 1981

[Represents loans made during the first full business week in May. Based on a stratified random sample of member banks of the Federal Reserve System and nonmember banks, totaling approximately 340 banks]

TYPE AND SIZE OF LOAN	AMOUNT (mil. dol.)		RATE (percent)		TYPE AND SIZE OF LOAN	AMOUNT (mil. dol.)		RATE (percent)	
	1980	1981	1980	1981		1980	1981	1980	1981
Commercial and industrial loans:					Construction and land development loans				
Short-term	11,317	16,841	17.75	19.99	\$1,000 to \$24,999	92	74	17.14	19.83
\$1,000 to \$24,999	886	853	17.90	19.45	\$25,000 to \$49,999	114	81	15.68	19.06
\$25,000 to \$49,999	518	482	17.78	19.87	\$50,000 to \$99,999	199	170	18.89	16.10
\$50,000 to \$99,999	697	768	18.95	19.10	\$100,000 to \$249,999	495	223	19.56	20.74
\$100,000 to \$499,999	2,159	2,119	18.49	19.93	\$500,000 and over	211	326	16.99	19.35
\$500,000 to \$999,999	721	1,042	19.13	19.58					
\$1 million and over	6,336	11,578	17.10	20.14	Farm loans	1,211	1,419	17.38	17.88
Long-term	1,340	3,634	18.37	19.25	\$1,000 to \$9,999	164	188	18.46	17.50
\$1,000 to \$99,999	171	281	18.26	19.22	\$10,000 to \$24,999	168	236	16.98	17.59
\$100,000 to \$499,999	181	451	18.64	19.34	\$25,000 to \$49,999	169	221	17.10	17.67
\$500,000 to \$999,999	106	176	18.62	19.48	\$50,000 to \$99,999	134	181	17.38	17.76
\$1 million and over	882	2,727	18.30	19.23	\$100,000 to \$249,999	241	281	17.40	17.97
					\$250,000 and over	335	312	18.14	18.46

Source of tables 874 and 875: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 876. BOND YIELDS, STOCK YIELDS, AND MORTGAGE RATES: 1960 TO 1980

[Percent per year. Annual averages of monthly data, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series X 474-491]

TYPE	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
U.S. Treasury, constant maturities: ¹												
3-year.....	3.98	4.22	7.29	5.72	6.95	7.82	7.49	6.77	6.69	8.29	9.71	11.55
5-year.....	4.09	4.25	7.38	5.99	6.87	7.80	7.77	7.18	6.99	8.32	9.52	11.48
10-year.....	4.12	4.28	7.35	6.21	6.84	7.56	7.99	7.61	7.42	8.41	9.44	11.46
20-year.....	4.06	4.27	6.95	6.01	7.12	8.05	8.19	7.86	7.67	8.48	9.33	11.39
U.S. Gov't, 3-5 year issues ²	3.99	4.22	7.37	5.85	6.92	7.01	7.55	6.94	6.85	8.00	9.58	(NA)
U.S. Gov't, long-term bonds ²	4.01	4.21	6.59	5.63	6.30	6.99	6.98	6.78	7.06	7.89	8.74	10.81
State and local govt. bonds, Aaa ⁴	3.26	3.16	6.12	5.04	4.99	5.89	6.42	5.66	5.20	5.52	6.89	8.84
State and local govt. bonds, Baa ⁴	4.22	3.57	6.75	5.60	5.47	6.53	7.62	7.49	6.12	6.27	6.72	9.00
High-graded municipal bonds (Standard & Poor's) ⁵	3.73	3.27	6.51	5.27	5.18	6.09	6.89	6.49	5.56	5.90	6.39	8.51
Municipal (Bond Buyer, 20 bonds).....	3.52	3.27	6.35	5.26	5.19	6.17	7.05	6.64	5.68	6.03	6.52	8.59
Corporate Aaa seasoned ⁴	4.41	4.49	8.04	7.21	7.44	8.57	8.83	8.43	8.02	8.73	9.63	11.94
Corporate Baa seasoned ⁴	5.19	4.87	9.11	8.16	8.24	9.50	10.81	9.75	8.97	9.49	10.69	13.67
Corporate Aaa utility bonds ⁶	4.73	4.57	8.72	7.37	7.67	9.01	9.17	8.46	8.12	8.90	9.92	12.68
Corporate, by years to maturity: ⁷												
5 years.....	4.73	4.29	8.10	6.50	6.85	7.47	7.70	7.98	7.25	7.75	8.40	12.80
10 years.....	4.60	4.33	8.00	7.05	7.05	7.67	8.00	8.18	7.60	7.95	8.35	12.40
20 years.....	4.55	4.35	7.60	7.05	7.20	7.80	8.35	8.30	7.75	8.20	8.08	12.30
30 years.....	4.55	4.37	7.60	7.01	7.20	7.80	8.35	8.30	7.95	8.25	8.10	12.30
Corporate (Moody's).....	4.73	4.64	8.51	7.63	7.80	9.03	9.57	9.01	8.43	9.07	10.12	12.75
Industrials (40 bonds) ⁸	4.59	4.61	8.26	7.35	7.60	8.78	9.25	8.84	8.28	8.90	9.85	12.35
Railroads (24 bonds).....	4.92	4.72	8.77	7.99	8.12	9.98	9.39	8.85	8.13	8.64	9.60	11.48
Public utilities (40 bonds).....	4.69	4.60	8.68	7.74	7.83	9.27	9.88	9.17	8.58	9.22	10.39	13.15
Stocks (Standard & Poor's) ⁵												
Preferred (10 stocks) ⁸	4.75	4.33	7.22	6.88	7.23	8.24	8.36	7.98	7.61	8.25	9.11	10.60
Common: Composite (500 stocks).....	3.47	3.00	3.83	2.84	3.06	4.47	4.31	3.77	4.62	5.28	5.47	5.26
Industrials (400 stocks).....	3.36	2.94	3.62	2.61	2.79	4.13	3.95	3.48	4.43	5.06	5.20	4.95
Home mortgages: ⁹												
FHA insured, secondary market.....	6.16	5.47	9.03	7.53	8.19	9.55	9.19	8.82	8.68	9.70	10.87	14.76
Conventional, new-home ¹⁰	(NA)	5.93	8.52	7.64	8.30	9.22	9.10	8.99	8.95	9.68	11.15	13.95
Conventional, existing-home ¹⁰	(NA)	5.89	8.56	7.70	8.33	9.23	9.14	9.04	9.00	9.70	11.16	13.95

NA Not available. ¹ Yields on the more actively traded issues adjusted to constant maturities by the U.S. Treasury, based on daily closing bid prices. ² Unweighted averages for all outstanding notes and bonds in maturity ranges shown, based on daily closing bid prices. ³ Includes all bonds neither due nor callable in less than 10 years. ⁴ Source: Moody's Investors Service, New York, N.Y. ⁵ Source: Standard & Poor's Corp., New York, N.Y., *Standard & Poor's Outlook*, weekly. ⁶ Averages based on first trading day of each month, deferred call, new issue estimate. Source: Salomon Brothers, New York, N.Y., *An Analytical Record of Yields and Yield Spreads*. ⁷ Source: Scudder, Stevens & Clark, New York, N.Y., unpublished data. ⁸ Prior to Sept. 9, 1965, yields based on 14 stocks, 8 yields; thereafter, 10 stocks, 4 yields. Issues converted to a price equivalent to \$100 par and a 7 percent annual dividend before averaging. ⁹ Averages based on quotations for 1 day each month as compiled by FHA. ¹⁰ Primary market.

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 877. SALES OF STOCKS AND OPTIONS ON REGISTERED EXCHANGES: 1960 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series X 517-530]

EXCHANGE	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
ALL EXCHANGES												
Market value, all sales ¹	Bil. dol.	47	93	136	187	125	167	203	198	269	323	522
Stocks: ² Market value.....	Bil. dol.	45	89	131	179	118	157	195	187	249	300	476
Shares.....	Million.....	1,389	2,587	4,539	5,723	4,846	6,231	7,036	7,023	9,483	10,850	15,486
Options: Market value.....	Mill. dol.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	11,734	10,899	19,703	22,860	45,789
Contracts.....	Million.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	31	39	60	64	97
Rights and warrants:												
Market value.....	Mill. dol.	75	305	576	984	394	294	256	190	345	754	567
Number of units.....	Million.....	51	82	295	176	104	158	90	112	82	115	98
Option exercises: Value.....	Mill. dol.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2,872	3,698	5,392	10,863	20,351
Shares.....	Million.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1	1	1	2	5
NEW YORK STOCK EXCHANGE												
Market value, all sales ¹	Bil. dol.	40	77	108	155	106	143	165	157	211	252	398
Stocks: ² Market value.....	Bil. dol.	38	73	103	146	99	134	165	157	210	251	398
Shares.....	Million.....	958	1,809	3,213	4,337	3,822	5,056	5,649	5,613	7,617	8,675	12,390
Rights and warrants:												
Market value.....	Mill. dol.	13	34	257	348	192	168	133	89	124	484	338
Number of units.....	Million.....	29	58	233	84	63	108	53	62	42	84	71
Sales by size: ³												
At 100 shares.....	Percent	(NA)	(NA)	51.7	46.4	45.3	41.4	38.1	35.6	32.9	31.6	31.0
At 200-500 shares.....	Percent	(NA)	(NA)	40.7	44.5	45.7	47.8	49.2	49.7	50.1	49.8	49.1
At 1,000 shares and over.....	Percent	(NA)	(NA)	6.4	9.1	9.0	10.8	12.7	14.6	17.0	18.6	19.9

NA Not available. ¹ Includes bond sales through 1975, not shown separately. ² Includes voting trust certificates, American depositary receipts, and certificates of deposit for stocks. ³ Sales printed on New York Stock Exchange. Source: New York Stock Exchange, Inc., New York, N.Y., *Fact Book*, annual.

Source: Except as noted, U.S. Securities and Exchange Commission. Monthly data in *SEC Monthly Statistical Review*.

NO. 878. SECURITY PRICES AND VOLUME OF TRADING: 1960 TO 1980

[Annual averages of monthly figures, except as noted. See also *Historical Statistics, Colonial Times to 1970*, series X 492-498]

CLASS OR ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Bond prices (dollars per \$100 bond):											
U.S. Government, long term ¹	86.22	83.76	60.52	62.80	57.45	57.44	58.96	58.89	51.26	47.8	(X)
Standard & Poor's: Municipal ²	103.9	110.6	72.3	85.4	76.3	68.9	72.5	81.3	77.9	73.4	57.4
Corporate AAA ²	94.6	93.9	61.6	63.7	58.8	56.2	58.0	59.6	55.6	51.1	41.4
Stock prices:											
Standard & Poor's common index (500 stocks) (1941-43=10) ⁴	55.9	88.2	83.2	107.4	82.8	86.1	102.0	98.2	96.0	102.8	118.8
Industrial	59.4	93.5	91.3	120.4	92.9	96.6	114.4	108.4	106.3	114.8	134.5
N.Y. Stock Exchange common stock index (Dec. 31, 1965=50), composite	30.0	47.4	45.7	57.4	43.8	45.7	54.5	53.7	53.7	58.3	68.1
Industrial (30 stocks)	(NA)	(NA)	48.0	63.1	48.1	50.5	60.4	57.8	58.3	64.8	78.7
Transportation	(NA)	(NA)	32.1	37.7	31.9	31.1	39.6	41.1	43.3	47.3	50.6
Utility	(NA)	(NA)	37.2	37.7	29.8	31.5	37.0	40.9	39.2	38.2	37.3
Finance	(NA)	(NA)	54.6	70.1	49.7	47.1	52.9	55.2	56.7	61.4	64.2
American Stock Exchange Market Value Index (Aug. 31, 1973=100)	(NA)	(NA)	96.63	103.80	79.97	83.06	101.63	116.16	144.37	195.53	301.01
Dow-Jones and Co. Inc., total (65 stocks) ⁵	204.6	318.5	243.9	286.7	237.3	247.3	303.9	301.7	283.6	293.5	328.2
Industrial	618.0	910.9	753.2	923.8	759.4	802.8	974.9	894.6	820.2	844.4	891.4
Transportation (20 stocks)	138.9	216.4	152.4	180.6	164.1	163.4	214.0	225.2	222.6	237.8	307.2
Public utility (15 stocks)	91.4	157.9	108.8	103.4	75.8	79.8	92.3	111.0	104.6	104.6	110.4
Standard & Poor's:											
Dividend-price ratio (percent)	(NA)	(NA)	3.83	3.06	4.47	4.31	3.77	4.82	5.28	5.46	5.26
Earnings-price ratio (percent)	(NA)	(NA)	6.45	7.12	11.80	9.14	8.90	10.80	11.96	13.46	12.87
Volume of trading:											
Value, NYSE ⁶ (bil. dol.)	(NA)	(NA)	95.3	137.3	92.1	126.7	159.8	150.2	199.9	238.2	374.9
Average daily shares:											
NYSE ⁶ (mil.)	3.0	6.2	11.6	16.1	13.9	18.6	21.2	20.9	28.6	32.2	44.9
ASE ⁷ (1,000)	1,113	2,120	3,319	3,015	1,906	2,138	2,562	2,592	3,923	4,349	6,427

NA Not available. X Not applicable. ¹ Derived from long-term yield on basis of assumed 3 percent, 20-year bond; series discontinued by Board of Governors Oct. 1979. ² Jan.-Sept. ³ Derived from average yields on basis of assumed 4 percent, 20-year bond; Wednesday closing prices. ⁴ Effective July 1976, the index includes 400 industrial stocks (formerly 425), 20 transportation (formerly 15 rail), 40 public utility (formerly 60), and 40 financial stocks, not previously covered. ⁵ Source: U.S. Bureau of Economic Analysis. Based on stocks listed on the New York Stock Exchange. ⁶ Source: New York Stock Exchange, Inc., New York, N.Y., *Fact Book*, annual. ⁷ Source: American Stock Exchange, unpublished data.

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

NO. 879. NEW CORPORATE SECURITIES OFFERED FOR SALE, BY TYPE OF SECURITY AND ISSUER: 1960 TO 1980

[In millions of dollars. Estimated gross proceeds derived by multiplying principal amounts or number of units by offering prices. Covers substantially all new securities offered for cash sale in U.S. in amounts over \$100,000 and with terms of maturity of more than 1 year. Included are some unregistered securities offered privately for sale mainly to insurance companies as well as securities registered with the Securities and Exchange Commission under the terms of the Securities Act of 1933. See table 485 for new issues of State and local government securities. See also *Historical Statistics, Colonial Times to 1970*, series X 499-500 and X 505-506]

SECURITY AND ISSUER	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total	10,154	14,782	37,451	31,680	37,729	52,539	52,290	51,836	46,616	53,086	78,349
Publicly offered											
Bonds and notes	6,657	6,486	32,524	22,903	31,028	41,759	35,910	32,211	28,398	37,014	66,024
Preferred stock	4,806	4,888	24,365	12,899	25,335	31,492	25,263	21,929	18,881	26,468	44,110
Common stock	220	360	1,310	2,398	1,745	3,088	2,353	2,421	1,759	1,965	3,195
Privately placed	1,631	1,438	6,849	7,606	3,947	7,179	8,296	7,857	7,760	8,581	18,717
Bonds and notes	3,497	8,296	4,926	8,781	6,701	10,779	16,384	19,628	18,218	16,072	12,328
Preferred stock	3,275	7,897	4,658	7,798	6,160	10,172	15,927	17,943	16,964	14,363	11,612
Common stock	188	364	80	944	511	371	451	1,495	1,077	1,562	439
Issuer:											
Manufacturing	33	35	188	37	28	235	9	188	178	27	279
Extractive	2,152	5,414	10,647	4,832	10,408	18,651	15,493	13,754	11,062	11,562	24,398
Electric, gas, water	246	341	1,812	1,060	970	1,829	1,762	2,682	3,100	3,192	4,818
Communication	2,851	2,934	11,009	10,269	12,837	15,894	14,415	13,705	12,253	13,736	15,940
Transportation	1,050	945	5,291	4,872	3,830	4,464	3,562	4,442	3,640	4,694	6,845
Financial and real estate	718	702	1,253	811	1,005	2,635	3,626	1,802	1,769	3,296	3,745
Commercial and other	2,525	3,386	5,112	8,089	6,779	6,838	10,282	11,690	10,861	12,866	15,638
	612	1,060	2,328	1,748	1,802	2,429	3,148	3,764	3,939	3,744	6,968

Source: U.S. Securities and Exchange Commission, *SEC Monthly Statistical Review*.

No. 880. SECURITIES LISTED ON N.Y. STOCK EXCHANGE: 1960 to 1980

(As of December 31. NA Not available)

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Bonds:													
Face value.....	Bill. dol.	116	142	135	142	142	291	334	401	497	509	526	602
Market value.....	Bill. dol.	108	132	113	128	121	255	315	402	480	485	460	508
Average price.....	Dollars	93.21	93.07	83.60	90.40	85.16	87.68	91.89	100.39	96.52	91.37	87.36	84.41
Stocks:													
Shares.....	Billion	6.5	10.1	16.1	19.2	21.0	21.7	22.5	24.5	26.1	27.6	30.0	33.7
Market value.....	Bill. dol.	307	537	636	872	721	511	685	858	797	823	961	1,243
Average price.....	Dollars	47.53	53.44	39.61	45.49	34.39	23.51	30.48	35.03	30.53	29.84	31.99	36.87
Cash dividends on common stock:													
.....	Bill. dol.	9.9	15.3	19.8	21.5	23.6	25.7	26.9	30.6	38.3	41.2	46.9	53.1
Industrial.....	Bill. dol.	(NA)	11.0	13.6	14.3	15.5	17.0	17.6	20.2	23.9	28.6	30.3	34.5
Transportation.....	Bill. dol.	(NA)	.6	.5	.5	.5	.6	.6	.6	.8	.9	1.0	1.2
Utilities.....	Bill. dol.	(NA)	3.3	4.5	5.1	5.5	6.0	6.7	7.7	9.0	10.7	12.2	13.3
Finance.....	Bill. dol.	(NA)	.5	1.1	1.6	2.1	2.1	1.9	2.1	2.6	2.9	3.5	4.2

Source: New York Stock Exchange, Inc., New York, N.Y., *Fact Book*, annual.

No. 881. STOCK OWNERSHIP—CHARACTERISTICS OF SHAREOWNERS: 1959 to 1980

[In thousands. Includes outlying areas, most members of the Armed Forces, citizens living abroad, and, except for income, minor children. Represents all publicly owned issues of common and preferred stocks. Based on national probability samples; see source for detailed explanation]

CHARACTERISTIC	1959	1965	1970	1975	1980	CHARACTERISTIC	1959	1965	1970	1975	1980
Total ¹	12,490	20,120	30,850	25,270	29,840	Income: ⁴					
Male.....	5,740	9,060	15,689	12,698	15,479	Under \$5,000.....	3,518	2,977	2,389	780	241
Female.....	6,347	9,430	15,161	12,508	14,361	\$5,000-\$9,999.....	5,826	7,100	5,779	2,636	1,480
Age:						\$10,000-\$14,999.....	1,741	4,862	8,346	4,552	3,142
Under 21 years.....	197	1,280	2,221	1,818	2,280	\$15,000-\$24,999.....	689	2,477	7,670	8,778	6,848
21-34 years.....	2,444	2,626	4,500	2,838	6,331	\$25,000-\$49,999.....	314	1,073	4,114	5,426	11,484
35-44 years.....	2,064	4,216	5,801	3,978	5,854	\$50,000 and over.....				1,216	3,935
45-54 years.....	2,800	4,752	7,556	5,675	5,391	Residence by SMSA size: ⁶					
55-64 years.....	2,666	3,549	6,084	5,099	5,083	Under 100,000.....	(NA)	134	175	328	207
65 years and over.....	2,113	3,347	4,330	5,800	4,534	100,000-249,000.....	(NA)	1,254	2,245	2,059	1,924
Education:						250,000-499,999.....	(NA)	1,897	2,686	2,691	2,949
High school: ²						500,000-999,999.....	(NA)	2,156	3,712	3,257	4,396
3 years or less.....	2,804	3,106	3,566	1,621	1,725	1,000,000 and over.....	(NA)	9,883	14,881	11,893	15,632
4 years.....	3,130	5,344	8,697	6,580	5,669	Nonmetropolitan areas	(NA)	4,639	6,913	4,978	4,732
College: ²											
1-3 years.....	2,587	4,012	5,867	5,301	9,243						
4 years or more.....	3,566	6,028	9,999	9,886	10,486						
Minors ³	197	1,280	2,221	1,818	2,280						

NA Not available. ¹ Includes small number of shareowners not distributed by breakdown. ² Persons 21 years old and over. ³ Shareowners whose stockholdings are registered in accordance with the Gifts to Minors Statutes. ⁴ Adult shareowners only. ⁵ SMSA—Standard metropolitan statistical area. For definition, see Appendix II.

Source: New York Stock Exchange, Inc., New York, N.Y., *Shareownership*, 1959, 1965, 1970, 1975, and 1980.

No. 882. COMMODITY FUTURES TRADING ON U.S. EXCHANGES—VOLUME OF TRADING: 1960 to 1980

[In thousands. Prior to 1972, for years ending June 30; thereafter, for years ending December 31]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Number of contracts traded	3,878	8,423	13,356	18,332	25,826	27,733	32,200	36,876	42,847	58,462	75,966	92,095
Grains and feeds ¹	2,411	5,697	5,977	8,037	9,997	13,420	14,595	17,281	19,669	22,365	27,695	36,337
Livestock and meat ²	8	778	2,574	4,005	5,119	4,629	5,680	5,325	5,666	9,680	11,802	11,639
Foods ³	1,289	1,722	3,458	3,189	4,949	4,154	3,892	3,868	5,161	5,149	5,925	8,859
Raw materials ⁴	169	208	351	917	1,514	1,465	1,609	2,776	2,753	3,399	4,618	5,598
Precious metals ⁵	(2)	17	995	2,015	3,820	3,826	6,376	7,209	8,232	13,983	17,996	13,171
Financial instruments ⁶	-	-	-	-	-	-	20	239	780	2,325	5,607	12,469
Currencies ⁷	-	-	1	169	425	241	228	198	586	1,561	2,222	4,223

- Represents zero. ² Less than 500. ¹ Wheat, corn, oats, rye, soybeans, soybean meal, sunflower seeds, and grain sorghums. ² Cattle, feeder cattle, hogs, pork bellies, imported lean beef, broilers, and turkeys. ³ Eggs, potatoes, coffee, cocoa, sugar, butter, orange juice, and edible oils. ⁴ Lumber, stud lumber, plywood, cotton, wool, oil and petroleum products, copper, lead, mercury, zinc, nickel, rubber, and tin. ⁵ Gold, silver, silver coins, platinum, and palladium. ⁶ GNMA certificates; treasury bills, bonds, and notes; and commercial paper. ⁷ Italian lira, Canadian dollars, French francs, Deutsche marks, Dutch guilders, British pounds, Japanese yens, Swiss francs, Belgian francs, and Mexican pesos.

Source: U.S. Commodity Futures Trading Commission, *Annual Report*. Data from Futures Industry Association, Washington, D.C.

NO. 883. MUTUAL FUNDS—NET ASSETS, SALES, AND REDEMPTIONS: 1960 TO 1980

[In billions of dollars, except number of funds. See also *Historical Statistics, Colonial Times to 1970*, series X 538-539]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Number of funds.....	161	170	361	410	421	431	426	452	477	505	524	564
Assets ¹	17.0	35.2	47.6	59.8	46.5	35.8	45.8	51.0	48.5	55.8	94.5	134.7
Money market funds.....	(X)	(X)	(X)	(X)	(X)	1.7	3.6	3.4	3.5	10.9	45.2	74.4
Equity funds.....	16.8	32.8	45.1	55.9	43.0	30.9	37.5	39.2	34.1	32.7	35.9	44.4
Income and bond funds.....	.2	2.5	2.5	3.9	3.5	3.2	4.7	7.8	8.4	9.3	10.1	11.1
Municipal bond funds.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	.5	2.3	2.6	3.0	2.9
Sales ¹	2.1	4.4	4.6	4.9	4.4	5.3	10.1	13.7	17.1	37.2	119.3	247.5
Money market funds.....	(X)	(X)	(X)	(X)	(X)	2.2	6.8	9.4	10.7	30.5	111.9	232.2
Equity funds.....	1.9	3.9	4.2	4.3	3.9	2.6	2.6	2.7	2.4	2.8	3.1	5.6
Income and bond funds.....	.2	.4	.4	.8	.5	.5	.7	1.2	1.6	2.0	2.0	2.6
Municipal bond funds.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	.5	2.1	1.8	1.7	1.8
Redemptions ¹	.8	2.0	3.0	6.6	5.7	3.9	9.6	16.4	16.7	31.5	86.8	216.5
Money market funds.....	(X)	(X)	(X)	(X)	(X)	.6	5.9	9.6	10.7	24.3	78.4	204.5
Equity funds.....	.8	1.8	2.8	6.2	5.2	3.0	3.3	6.0	4.7	5.1	5.7	5.7
Income and bond funds.....	.1	.2	.2	.4	.4	.3	.4	.8	.8	1.0	.9	1.5
Municipal bond funds.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(2)	.5	1.1	1.4	1.0

X Not applicable. Z Less than \$50 million. ¹ Includes funds not shown separately.Source: Investment Company Institute, Washington, D.C., *Mutual Fund Fact Book*, annual.

NO. 884. U.S. LIFE INSURANCE COMPANIES—SUMMARY: 1960 TO 1980

[As of December 31 or calendar years as applicable. Covers domestic and foreign business of U.S. companies. See also *Historical Statistics, Colonial Times to 1970*, series X 879 and X 880-907]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
U.S. companies.....	Number.....	1,441	1,629	1,780	1,766	1,757	1,746	1,742	1,789	1,840	1,895	1,946
Sales ¹	Bil. dol.....	78.4	149.8	206.8	250.6	323.5	316.5	352.2	407.7	437.9	528.8	596.7
Ordinary.....	Bil. dol.....	58.2	88.6	134.8	175.6	199.0	207.1	233.6	277.3	304.2	359.1	412.0
Group ¹	Bil. dol.....	15.3	52.9	65.4	67.7	117.8	102.7	112.2	123.8	127.7	162.4	181.4
Industrial.....	Bil. dol.....	6.9	7.3	6.6	7.2	6.7	6.7	6.4	6.5	6.0	5.3	3.3
Voluntary termination, ordinary policies: ²												
All policies in force in U.S.....	Rate.....	5.2	5.1	5.9	6.3	6.5	6.7	6.6	6.6	6.6	7.2	8.1
In force 2 years or more.....	Rate.....	3.7	3.5	3.9	4.3	4.5	4.5	4.6	4.7	4.8	5.1	5.8
Income.....	Bil. dol.....	23.0	33.2	49.1	64.8	70.0	78.0	88.6	98.0	108.2	119.1	132.5
Life insurance premiums.....	Bil. dol.....	12.0	16.1	21.7	26.4	27.8	29.3	31.4	33.8	36.8	39.1	40.8
Percent of total.....	Percent.....	52.2	48.5	44.2	40.7	39.7	37.6	35.4	34.5	33.8	32.8	30.8
Annuity considerations.....	Bil. dol.....	1.3	2.2	3.7	6.8	7.7	10.2	14.0	15.0	16.3	17.9	24.0
Health insurance premiums.....	Bil. dol.....	4.0	6.3	11.4	15.5	17.1	19.1	21.1	23.6	25.8	27.9	29.4
Investment and other.....	Bil. dol.....	5.6	8.6	12.3	16.1	17.4	19.4	22.2	25.7	29.4	34.2	38.3
Disbursements.....	Bil. dol.....	17.5	25.2	39.0	49.4	53.3	58.2	63.0	69.0	72.6	81.1	89.8
Payments to policyholders ³	Bil. dol.....	11.4	18.5	25.6	32.1	34.7	38.1	41.0	44.4	47.8	53.7	60.6
Percent of total.....	Percent.....	65.1	65.5	65.6	65.0	65.1	65.5	65.1	64.3	65.8	66.2	67.5
Death payments.....	Bil. dol.....	3.4	4.9	7.2	8.8	8.9	9.3	9.7	10.2	11.1	11.8	12.9
Matured endowments.....	Bil. dol.....	.7	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	.8
Annuity payments.....	Bil. dol.....	.7	1.0	1.7	2.6	2.9	3.2	3.9	4.6	5.1	6.6	9.0
Policy dividends.....	Bil. dol.....	1.9	2.8	3.8	4.6	4.8	5.1	5.8	6.3	6.8	7.6	8.1
Surrender values.....	Bil. dol.....	1.7	2.0	2.9	3.4	3.7	3.8	4.2	4.3	4.5	5.5	6.4
Disability benefits.....	Bil. dol.....	.1	.2	.2	.4	.4	.4	.5	.5	.5	.6	.5
Commissions, expenses, etc.....	Bil. dol.....	5.9	8.4	12.9	16.6	17.9	19.4	21.3	23.9	23.7	25.9	27.8
Dividends to stockholders.....	Bil. dol.....	.2	.2	.5	.7	.7	.7	.8	.8	1.1	1.5	1.4
Taxes, licenses and fees.....	Bil. dol.....	.9	1.4	2.2	3.2	3.4	3.5	4.0	4.4	5.1	5.5	4.8
Federal income taxes.....	Bil. dol.....	.5	.7	1.2	1.8	1.9	1.9	2.2	2.5	3.0	3.3	2.6
Employed in insurance ⁴	1,000.....	1,105	1,225	1,460	1,575	1,620	1,640	1,675	1,680	1,776	1,839	1,895

¹ Includes servicemen's group life insurance of \$27.4 billion in 1965, \$16.8 billion in 1970, \$28.8 billion in 1974, and \$1.7 billion in 1975. ² Rate is ratio of number of policies lapsed or surrendered (for cash, extended term), less reinstatements, to mean number of policies in force. Includes foreign companies policies, primarily Canadian. ³ Includes operations of accident and health departments of life insurance companies, not shown separately. ⁴ Includes life, health, and property/casualty insurance.Source: American Council of Life Insurance, Washington, D.C. Based on data from *Life Insurance Fact Book*, and unpublished data.

No. 885. LIFE INSURANCE IN FORCE IN THE U.S.—SUMMARY: 1950 TO 1980

[As of December 31 or calendar years, as applicable. Prior to 1960, excludes Alaska and Hawaii. Covers life insurance with life insurance companies only. Represents all life insurance in force on lives of U.S. residents whether issued by U.S. or foreign companies. "Families" includes families, subfamilies, and unrelated individuals; see definitions, p. 1. See also *Historical Statistics, Colonial Times to 1970*, series X 879-889]

YEAR	LIFE INSURANCE IN FORCE						COVERAGE (\$1,000)		Dispos- able person- al income per family ^a (\$1,000)	AVERAGE SIZE POLICY IN FORCE (dollars)			
	All poli- cies, num- ber (mil.)	Value (bil. dol.)					Per fam- ily	Per in- sured fam- ily		Ord- inary	Group	Indus- trial	Credit
		Total	Ord- inary	Group	Indus- trial	Credit ¹							
1950	202	234	149	48	33.4	3.9	4.6	6.0	4.1	2,320	2,480	310	360
1955	252	372	217	101	39.7	14.8	6.9	8.7	5.1	2,720	3,200	350	520
1960	282	586	340	175	39.6	31.2	10.2	12.7	6.1	3,360	4,030	390	680
1965	320	901	498	306	39.8	57.0	14.6	17.8	7.7	4,660	5,060	450	850
1970	355	1,402	731	545	38.6	87.9	20.7	24.4	10.3	6,110	6,910	500	1,000
1971	357	1,503	788	581	39.2	95.0	21.7	25.5	10.8	6,440	7,170	520	1,080
1972	365	1,628	849	631	40.0	108.8	22.9	26.9	11.4	6,790	7,730	530	1,190
1973	369	1,778	928	708	40.6	101.2	24.4	28.8	12.6	7,230	8,010	540	1,300
1974	380	1,985	1,009	827	39.4	109.6	26.5	31.2	13.3	7,690	8,840	550	1,310
1975	380	2,140	1,083	905	39.4	112.0	28.1	33.0	14.4	8,090	9,360	570	1,410
1976	382	2,343	1,178	1,003	39.2	123.6	30.1	35.0	15.3	8,610	10,010	580	1,580
1977	390	2,583	1,289	1,115	39.0	139.4	32.4	37.7	16.5	9,240	10,550	590	1,760
1978	401	2,870	1,425	1,244	38.1	163.1	35.1	40.8	17.9	10,010	11,260	600	1,950
1979	407	3,222	1,586	1,419	37.8	179.3	38.5	44.8	19.6	10,890	12,350	610	2,120
1980	402	3,541	1,761	1,579	36.0	165.2	41.5	48.3	21.4	11,920	13,410	620	2,110

¹ Insures borrower to cover loan in case of death. ² For disposable personal income, see tables 701 and 713. Source: American Council of Life Insurance, Washington, D.C., *Life Insurance Fact Book*, annual.

No. 886. LIFE INSURANCE—INSURANCE IN FORCE AND BENEFIT PAYMENTS STATE: 1980

[Applies to policyholders and payments in the U.S.]

STATE	INSURANCE IN FORCE			Benefit payments (mil. dol.)	STATE	INSURANCE IN FORCE			Benefit payments (mil. dol.)
	Policies (1,000)	Value (bil. dol.)	Avg. per family (dol.)			Policies (1,000)	Value (bil. dol.)	Avg. per family (dol.)	
U.S.	401,626	3,541.0	41,500	38,042.1	Mo.	8,733	75.2	39,500	752.5
Ale.	12,331	55.5	39,500	485.2	Mont.	1,140	10.3	34,900	107.1
Alaska	615	7.4	50,100	47.7	Neb.	2,744	27.1	45,500	288.0
Ariz.	4,867	38.4	38,200	442.5	Nev.	1,484	14.1	43,600	109.3
Ark.	2,777	24.3	28,300	218.7	N.H.	1,608	14.3	42,100	148.4
Calif.	30,699	355.4	37,000	3,924.0	N.J.	12,236	134.3	49,300	1,755.3
Colo.	4,873	52.1	46,700	458.8	N. Mex.	1,881	17.1	38,500	155.9
Conn.	5,908	62.5	55,100	779.9	N.Y.	26,888	281.1	41,200	3,637.7
Del.	1,598	13.0	59,600	121.7	N.C.	12,578	82.9	38,500	739.1
D.C.	2,504	22.2	73,200	154.2	N. Dak.	1,040	10.5	45,200	91.4
Fla.	16,441	127.8	32,100	1,789.2	Ohio	20,517	180.3	45,800	2,121.0
Ga.	12,814	88.2	44,200	737.7	Okl.	4,383	42.8	36,100	413.8
Hawaii	1,771	18.8	53,100	178.8	Oreg.	3,393	36.2	36,700	405.5
Idaho	1,359	12.6	37,000	117.2	Pa.	23,935	184.4	41,500	2,280.5
Ill.	22,198	207.7	48,500	2,288.8	R.I.	1,951	15.9	44,900	190.1
Ind.	10,305	87.5	43,800	897.8	S.C.	7,781	43.0	39,600	355.3
Iowa	5,023	48.0	44,200	545.1	S. Dak.	1,029	9.8	39,100	90.2
Kans.	4,253	38.9	42,600	378.0	Tenn.	9,480	66.7	39,500	612.8
Ky.	6,324	44.4	33,000	398.3	Tex.	25,207	226.1	43,200	2,119.0
La.	9,801	63.3	43,100	528.1	Utah	2,200	18.9	38,400	170.6
Maine	1,792	13.6	32,400	178.4	Vt.	817	6.7	35,800	87.8
Md.	7,926	66.2	42,300	709.0	Va.	10,608	83.3	41,300	765.7
Mass.	9,151	89.3	42,000	1,097.8	Wash.	5,522	58.9	36,300	612.3
Mich.	16,711	163.3	49,400	1,579.8	W. Va.	3,307	22.9	31,500	270.8
Minn.	6,538	68.2	45,900	661.7	Wis.	7,835	72.8	43,000	810.0
Miss.	4,076	27.8	31,800	205.3	Wyo.	676	7.0	39,900	60.3

¹ Comprises death payments, matured endowments, disability and annuity payments, surrender values, and policy dividends. ² As of mid-year. ³ Includes industrial and credit insurance, not shown separately.

Source: American Council of Life Insurance, Washington, D.C., *Life Insurance Fact Book*, annual.

No. 887. U.S. LIFE INSURANCE COMPANIES—FINANCIAL ITEMS: 1960 TO 1980

[In billions of dollars, except percent. As of December 31. See also *Historical Statistics, Colonial Times to 1970*, series X 908-917]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Assets	119.6	158.9	207.3	239.7	252.4	263.3	289.3	321.6	351.6	390.0	432.3	479.2
Government securities.....	11.8	11.9	11.1	11.4	11.4	12.0	15.2	20.3	23.6	26.6	29.7	33.0
Corporate securities.....	51.7	67.4	88.5	113.0	117.7	118.6	133.9	154.9	171.7	191.6	208.8	227.0
Percent of total assets.....	43.2	42.4	42.7	47.1	46.6	45.0	46.3	48.2	48.8	49.1	48.3	47.4
Bonds.....	46.7	58.2	73.1	86.1	91.8	96.7	105.8	120.7	137.9	156.0	169.0	179.6
Stocks.....	5.0	9.1	15.4	26.8	25.9	21.9	28.1	34.3	33.8	35.5	39.8	47.4
Mortgages.....	41.8	60.0	74.4	76.9	81.4	86.2	89.2	91.6	96.8	106.2	118.4	131.1
Real estate.....	3.8	4.7	6.3	7.3	7.7	8.3	9.6	10.5	11.1	11.8	13.0	15.0
Policy loans.....	5.2	7.7	16.1	18.0	20.2	22.9	24.5	25.8	27.6	30.1	34.8	41.4
Other.....	5.3	7.2	10.9	13.1	14.1	15.4	16.9	18.5	21.1	23.7	27.6	31.7
Interest earned on assets ¹ (percent).....	4.11	4.61	5.30	5.56	5.88	6.25	6.36	6.55	6.89	7.31	7.73	8.02
Liabilities ²	109.9	145.0	189.9	220.8	232.5	244.7	268.7	299.5	329.1	363.7	402.3	444.8
Policy reserves ²	98.5	127.6	167.8	192.8	204.5	216.5	237.1	262.8	287.9	318.5	351.6	390.3
Capital and surplus ²	9.7	13.8	17.3	19.0	19.8	18.6	20.6	22.0	23.6	26.2	30.0	34.4

¹ Net rate. ² Includes business of accident and health departments of U.S. life insurance companies.Source: American Council of Life Insurance, Washington, D.C., *Life Insurance Fact Book*, annual.

No. 888. U.S. LIFE INSURANCE COMPANIES—NEW INVESTMENTS: 1960 TO 1980

[In billions of dollars, except percent. Minus sign (—) denotes decrease]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total	20.4	39.5	62.3	98.6	120.8	117.1	132.4	174.9	211.0	235.0	270.4	327.8
Average annual percent change ¹	1.7	14.2	9.6	25.8	22.5	-3.1	13.1	32.0	20.6	11.4	15.1	21.3
Government securities	5.0	4.3	4.6	9.0	8.3	7.6	13.6	30.3	34.9	35.8	41.6	51.8
Short-term.....	(NA)	(NA)	3.8	7.4	6.9	6.2	9.9	23.1	27.4	29.4	34.7	44.8
Corporate securities	7.5	21.9	45.5	76.7	95.3	91.5	102.5	128.1	154.7	172.9	196.6	241.4
Bonds.....	6.9	20.4	41.4	68.2	87.1	86.7	96.5	120.4	147.1	164.9	186.2	227.3
Short-term.....	(NA)	(NA)	34.6	54.0	74.3	75.4	75.0	96.4	116.9	136.9	163.0	205.1
Stocks.....	—	1.5	4.1	8.5	8.2	4.8	6.0	7.7	7.6	8.0	10.4	14.1
Mortgages.....	6.1	11.1	7.2	8.7	11.5	11.3	9.6	9.8	14.2	17.8	20.7	19.8
Real estate.....	—	—	—	—	—	—	—	—	—	—	—	—
Policy loans.....	1.4	1.7	4.1	3.3	4.6	5.3	4.8	4.8	5.1	6.3	8.7	11.5

NA Not available. ¹ For 1960, change from 1959; thereafter for interval from prior year shown. For explanation of average annual percent change, see Guide to Tabular Presentation.Source: American Council of Life Insurance, Washington, D.C., *Life Insurance Fact Book*, annual.

No. 889. LARGEST LIFE INSURANCE COMPANIES—ASSETS AND INSURANCE IN FORCE, BY RANK OF ASSETS: 1960 TO 1980

[In billions of dollars, except percent. As of December 31]

ASSET GROUP	ASSETS								LIFE INSURANCE IN FORCE ¹					
	1960	1965	1970	1975	1978	1979	1980	1960	1965	1970	1975	1978	1979	1980
50 largest companies	104.9	135.8	171.9	232.3	305.1	336.2	370.9	487	697	1,031	1,517	2,020	2,245	2,484
Lowest ten.....	2.9	4.1	5.6	7.9	11.5	13.8	15.7	21	36	55	86	76	50	57
Second ten.....	4.7	6.4	8.3	11.7	15.1	16.7	18.4	23	34	59	91	156	121	134
Third ten.....	7.7	10.4	13.2	17.7	22.7	24.6	26.5	38	64	93	127	204	192	219
Fourth ten.....	15.1	20.0	25.3	35.1	48.0	53.3	58.6	62	81	119	202	236	359	407
Highest ten.....	74.6	95.0	119.6	160.0	207.8	227.7	251.7	343	481	706	1,011	1,348	1,523	1,668
Percent of 50 largest:														
Lowest ten.....	2.7	3.0	3.2	3.4	3.8	4.1	4.2	4.3	5.2	5.3	5.7	3.8	2.2	2.3
Second ten.....	4.5	4.7	4.8	5.0	4.9	5.0	5.0	4.7	4.9	5.7	6.0	7.7	5.4	5.4
Third ten.....	7.3	7.6	7.7	7.6	7.4	7.3	7.1	7.9	9.2	9.0	8.4	10.1	8.6	8.8
Fourth ten.....	14.4	14.7	14.7	15.1	15.7	15.9	15.8	12.7	11.6	11.5	13.3	11.7	16.0	16.4
Highest ten.....	71.0	69.9	69.6	68.9	68.1	67.8	67.9	70.4	69.0	68.4	66.6	66.7	67.8	67.1
Percent of all companies: ²														
50 largest.....	87.7	85.5	82.9	80.3	78.2	77.8	77.4	83.1	77.4	73.5	70.9	70.4	69.7	70.1
10 largest.....	62.4	59.8	57.7	55.3	53.3	52.7	52.5	58.5	53.4	50.4	47.2	47.0	47.3	47.1

¹ Face value of all life policies outstanding. ² See tables 885 and 887 for all companies.Source: Time, Inc., New York, N.Y., adapted from *The Fortune Directory*, July issues. (Copyright.)

NO. 890. HEALTH INSURANCE COVERAGE, BY TYPE OF COVERAGE: 1950 TO 1979

[In millions of persons. Beginning 1975, data include Puerto Rico and other U.S. territories and possessions. Duplication eliminated except as noted. "Hospital," "Surgical," "Regular medical," and "Major medical" represent coverage by insurance companies, Blue Cross-Blue Shield and medical society approved plans, and other plans. "Dental" represents insurance company coverage only. "Disability Income" represents coverage by insurance companies, paid sick leave plans, and employee organizations. See also table 159]

YEAR AND AGE GROUP	Hospital	Surgical	Regular medical	Major medical	DISABILITY INCOME ¹		Dental
					Short term	Long term	
1950.....	76.6	54.2	21.6	-	37.8	(²)	-
1955.....	101.4	85.7	53.0	(NA)	39.5	(²)	-
1960.....	122.5	111.5	83.2	32.6	42.4	(²)	(NA)
1965.....	136.7	130.5	108.6	69.7	46.9	4.5	(NA)
1970, total.....	158.9	151.4	138.7	103.5	58.1	11.0	12.0
Under 65.....	148.7	142.8	130.4	(NA)	58.1	11.0	(NA)
65 and over.....	10.1	8.6	8.3	(NA)	-	-	-
1975, total.....	178.0	168.9	161.9	134.1	63.0	18.4	30.2
Under 65.....	165.4	158.5	152.2	(NA)	(NA)	18.4	(NA)
65 and over.....	12.6	10.4	9.7	(NA)	(NA)	-	(NA)
1979, total.....	181.5	172.5	164.1	141.5	68.3	19.1	58.1
Under 65.....	166.8	162.2	154.6	(NA)	(NA)	-	(NA)
65 and over.....	14.7	10.3	9.5	(NA)	(NA)	19.1	(NA)
1979, total.....	183.2	173.8	163.9	147.6	65.8	19.9	70.2
Under 65.....	169.1	163.4	154.3	(NA)	(NA)	19.9	(NA)
65 and over.....	14.1	10.4	9.6	(NA)	(NA)	-	(NA)

- Represents zero. NA Not available. ¹ Any duplication resulting from combinations for short-term and long-term protection has not been eliminated. ² Included in "short-term" with some possible duplication.

Source: Health Insurance Institute, Washington, D.C., *Sourcebook of Health Insurance Data*, 1979-80. Data from Health Insurance Association of America, New York, N.Y.

NO. 891. PRIVATE HEALTH INSURANCE ORGANIZATIONS—INCOME AND EXPENSES: 1960 TO 1979

[In millions of dollars, except percent. Minus sign (-) denotes loss. See also *Historical Statistics, Colonial Times to 1970*, series X 957-962]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total premium income	5,841	9,993	17,075	22,358	24,845	27,777	32,437	38,172	44,619	49,692	55,659
Claims expense.....	4,996	8,738	15,619	19,086	21,091	24,466	30,072	35,471	40,013	45,044	50,176
Percent of premium income.....	85.5	87.4	91.5	85.4	84.9	88.1	92.7	92.9	89.7	90.6	89.8
Operating expense.....	1,845	1,417	2,390	3,182	3,468	3,887	4,193	4,789	5,464	6,194	7,116
Net underwriting gain.....	(¹)	-162	-934	89	2,686	-576	-1,829	-2,088	-858	-1,546	-1,433
Blue Cross-Blue Shield:											
Premium income.....	2,482	4,169	7,371	9,923	11,059	12,367	14,446	17,268	19,553	21,547	23,471
Claims expense.....	2,287	3,913	7,060	8,991	10,004	11,640	14,192	16,227	17,626	19,465	21,724
Operating expense.....	195	239	534	689	775	911	1,063	1,193	1,330	1,502	1,716
Net underwriting gain.....	(¹)	17	-224	243	280	-184	-809	-151	597	580	31
Insurance companies:											
Premium income.....	3,027	5,216	8,836	11,052	11,944	13,151	14,849	16,752	19,335	20,867	23,035
Claims expense.....	2,389	4,274	7,631	9,815	9,480	10,902	13,157	15,493	17,206	19,057	20,145
Operating expense.....	(¹)	-863	-1,587	-1	-108	-473	-1,218	-2,064	-1,823	-2,359	-1,783
Net underwriting gain.....	(¹)	-863	-1,587	-1	-108	-473	-1,218	-2,064	-1,823	-2,359	-1,783
Other plans, premium income.....	332	608	1,068	1,383	1,842	2,259	3,142	4,151	5,730	7,279	9,353

¹ Data for net underwriting gain not available separately; included in operating expense.

Source: Through 1975, U.S. Social Security Administration, *Social Security Bulletin*, various issues, and unpublished data; thereafter, U.S. Health Care Financing Administration, *Health Care Financing Review*, Summer 1981.

NO. 892. HEALTH INSURANCE—PREMIUM INCOME AND BENEFIT PAYMENTS: 1960 TO 1979

[In billions of dollars. Represents premium income of and benefits paid by insurance companies only. Beginning 1975, includes Puerto Rico and other U.S. outlying areas. Excludes Blue Cross-Blue Shield plans, medical-society sponsored plans, and all other independent plans]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Premiums ¹	4.7	7.4	11.5	14.8	16.1	17.9	20.8	24.5	28.7	32.7	35.8
Group policies ²	2.9	4.7	8.1	10.9	11.8	13.2	15.9	19.4	23.2	26.9	29.6
Individual and family policies.....	1.8	2.7	3.4	3.8	4.3	4.7	4.9	5.1	5.4	5.8	6.2
Benefit payments ³	3.1	5.2	8.1	10.6	11.9	13.6	16.5	20.2	22.1	26.4	29.8
Group policies ²	2.4	4.0	7.5	8.9	9.8	11.4	14.2	17.8	19.5	22.9	25.8
Individual and family policies.....	.7	1.2	1.6	1.7	2.1	2.2	2.3	2.4	2.6	3.5	3.8
Type of coverage:											
Loss of income.....	.8	1.0	1.8	2.0	2.2	2.5	2.7	2.9	3.1	3.4	4.6
Medical expense.....	2.2	4.1	7.1	8.5	9.4	10.8	13.2	16.1	17.6	21.2	23.0
Dental.....	(NA)	(NA)	.1	.2	.3	.3	.6	1.2	1.5	2.0	1.8

NA Not available. ¹ Prior to 1972, refers to written premiums; for 1972-1979 refers to earned income. ² Insurance company group premiums and benefit payments for 1975 through 1979 include Administrative Service Agreements and Minimum Premium Plans. Amounts for prior years contain only a portion of these data. ³ Beginning 1972, excludes accidental death and dismemberment benefits and accident medical reimbursement benefits.

Source: Health Insurance Institute, Washington, D.C., *Source Book of Health Insurance Data*, annual. Data from Health Insurance Association of America, New York, N.Y.

NO. 893. PROPERTY AND LIABILITY INSURANCE: 1960 TO 1979

[In millions of dollars, except companies reporting. Premiums written represent total premiums on all insurance policies written by companies, with inception dates in years shown. See also *Historical Statistics, Colonial Times to 1970*, series X 918, 923, 928, 933, and 940]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Companies reporting.....	3,500	3,047	2,727	2,881	2,870	2,934	2,886	2,880	2,940	2,938	2,867
Premiums written ¹	14,973	20,063	32,867	39,318	42,480	45,152	49,967	60,418	72,397	81,690	90,123
Auto liability.....	3,883	5,424	8,958	10,367	11,821	12,010	13,315	16,052	18,829	20,393	22,102
Physical damage, auto.....	1,994	2,861	4,824	6,016	6,995	7,064	7,623	9,565	11,521	12,835	14,538
Liability, other than auto.....	963	1,137	2,140	2,555	2,741	2,990	3,981	5,384	6,794	7,708	7,817
Medical malpractice.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	895	1,133	1,194	1,216	1,204
Fire ²	2,406	2,215	3,147	3,406	3,497	3,538	3,691	4,102	4,415	4,675	4,781
Homeowners multiple peril.....	764	1,523	2,565	3,316	3,770	4,156	4,729	5,689	6,768	7,792	8,782
Commercial multiple peril.....	56	509	1,331	2,078	2,518	2,857	3,176	4,052	4,891	5,830	6,687
Workmen's compensation.....	1,419	2,042	3,492	4,014	4,814	5,473	6,186	7,534	9,261	11,300	13,184
Inland marine.....	381	489	612	968	1,096	1,169	1,266	1,444	1,584	1,867	2,081
Ocean marine.....	230	282	465	577	654	765	861	902	953	1,000	1,009
Surety and fidelity.....	(NA)	408	562	661	701	748	789	835	912	1,076	1,155
Burglary and theft.....	116	110	135	138	131	130	120	124	129	133	140
Crop-hail.....	103	117	125	132	192	260	312	325	340	351	396
Boiler and machinery.....	85	91	115	129	137	141	173	170	213	256	283
Glass.....	48	41	40	39	37	34	32	32	34	35	33
Assets and surplus:											
Assets.....	30,132	41,843	58,594	78,885	83,862	82,115	94,118	112,975	135,513	160,060	187,406
Policyholders' surplus.....	11,930	17,112	18,520	28,211	27,091	20,898	25,303	31,394	37,372	45,004	54,418

NA Not available. ¹Includes all property, liability, and allied lines; other data are for principal lines only. ²Includes extended coverage and allied lines.

Source: Insurance Information Institute, New York, N.Y., *Insurance Facts*, annual.

NO. 894. FIRE LOSSES—TOTAL AND PER CAPITA: 1946 TO 1980

[Prior to 1962, excludes Alaska and Hawaii. Includes allowance for uninsured and unreported losses but excludes losses to government property and forests. Based on paid losses through 1953, incurred losses thereafter]

YEARLY AVERAGE	Total (mil. dol.)	YEAR	Total (mil. dol.)	Per capita ¹	YEAR	Total (mil. dol.)	Per capita ¹	YEAR	Total (mil. dol.)	Per capita ¹
1946-1950.....	643	1960.....	1,108	\$6.19	1967.....	1,707	\$8.66	1974.....	3,190	\$15.09
1951-1955.....	833	1961.....	1,209	6.64	1968.....	1,830	9.20	1975.....	3,660	16.71
1956-1960.....	1,045	1962.....	1,265	6.80	1969.....	1,952	9.71	1976.....	3,558	16.59
1961-1965.....	1,340	1963.....	1,406	7.48	1970.....	2,328	11.41	1977.....	3,764	17.36
1966-1970.....	1,850	1964.....	1,367	7.16	1971.....	2,316	11.24	1978.....	4,008	18.34
1971-1975.....	2,802	1965.....	1,456	7.51	1972.....	2,304	11.08	1979.....	4,851	22.04
1976-1980.....	4,356	1966.....	1,497	7.64	1973.....	2,639	12.57	1980.....	5,608	24.69

¹Based on Bureau of the Census estimated resident population as of July 1.

Source: 1946-1964, National Board of Fire Underwriters, New York, N.Y., *Report of the Committee on Statistics and Origin of Losses*; thereafter, Insurance Information Institute, New York, N.Y., *Insurance Facts*, annual.

NO. 895. FIRES—NUMBER AND LOSS, BY TYPE AND STRUCTURE BY SELECTED PROPERTY USE: 1979 AND 1980

[Based primarily on survey of fire departments. No adjustments were made for unreported fires and losses. Property loss includes direct property loss only]

TYPE AND PROPERTY USE	NUMBER (1,000)		PROPERTY LOSS (mil. dol.)		PROPERTY USE	NUMBER (1,000)		PROPERTY LOSS (mil. dol.)	
	1979	1980	1979	1980		1979	1980	1979	1980
Fires, total.....	2,846	2,988	5,750	6,254	Structure by property use—Con.				
Structure.....	1,037	1,065	4,964	5,454	Residential.....	722	758	2,529	3,042
Outside of structure ¹	80	87	38	61	1-2 family units ²	551	591	2,034	2,447
Brush and rubbish.....	956	1,115	—	—	Apartments.....	146	143	343	401
Vehicle.....	496	472	682	685	Hotels and motels.....	11	12	100	154
Other.....	277	249	66	54	Other residential.....	14	12	52	40
Structure by property use:					Storage ³	64	65	507	512
Public assembly.....	31	29	284	326	Industry, utility, defense ³	58	55	966	672
Educational.....	22	20	79	101	Special structures.....	46	48	108	131
Institutional.....	30	28	34	25					
Stores and offices.....	64	62	457	645					

— Represents zero. ¹Includes outside storage, crops, timber, etc. ²Includes mobile homes. ³Data underreported as some incidents were handled by private fire brigades or fixed suppression systems which do not report.

Source: National Fire Protection Association, Boston, Mass., *Fire Journal*, bimonthly. (Copyright.)

1981

Section 18

Business Enterprise

This section relates to the place and behavior of the business firm, and to business initiative in the American economy. It includes data on the number, type, and size of businesses; financial data of domestic and foreign affiliates of U.S. corporations; business investment, expenditures, and profits; business sales and inventories; consumer cooperatives; minority-owned firms; and mergers, acquisitions, and business failures. Additional business data may be found in other sections, particularly 29 and 30.

The principal sources of these data are the *Survey of Current Business*, published by the Bureau of Economic Analysis (BEA); the *Federal Reserve Bulletin*, issued by the Board of Governors of the Federal Reserve System; the annual *Statistics of Income* reports of the Internal Revenue Service (IRS); *The Failure Record Through (Year)*, issued by Dun & Bradstreet, New York; and *Fortune* and *The Fortune Directory*, issued by Time, Inc., New York. Other sources are publications of the Securities and Exchange Commission (SEC), the Federal Trade Commission (FTC), and the Administrative Office of the United States Courts.

Business firms.—A firm is generally defined as a business organization under a single management and may include one or more establishments (i.e., a single physical location at which business is conducted). The terms firm, business, company, and enterprise are used interchangeably throughout this section. A firm doing business in more than one industry is classified by industry according to the major activity of the firm as a whole. The industrial classification is based on the *Standard Industrial Classification (SIC) Manual* (see text, page 376).

The IRS concept of a business firm relates primarily to the legal entity used for tax reporting purposes. The IRS *Statistics of Income* reports present data, based on a sample of tax returns before audit, separately for sole proprietorships, partnerships, and active corporations. A *sole proprietorship* is an unincorporated business owned by one person. Sole proprietorships include the entire range of unincorporated, one-owner businesses, farms, and professional practices, from large enterprises with many employees and hired managers to the part-time operations in which the owner is the only person involved. A *partnership* is an unincorporated business owned by two or more persons, each of whom has a financial interest in the business. The "persons" could be individuals, estates, trusts, or corporations. A *corporation* is a business that is legally incorporated under State laws. The IRS recognizes many types of businesses as corporations, including joint-stock companies; insurance companies; and unincorporated associations such as business trusts, savings and loan associations, certain partnerships, mutual savings banks, and cooperative banks. While many corporations file consolidated tax returns (i.e., one return for the parent firm and all its subsidiaries), most corporate tax returns represent individual corporations, some of which are affiliated through common ownership or control with other corporations filing separate returns.

Assets and liabilities.—In its annual report, *Statistics of Income, Corporation Income Tax Returns*, the IRS presents balance sheet and income estimates for all active U.S. corporations. The FTC issues 2 current reports, the *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations*, which presents quarterly income account and balance sheet data for manufacturing, mining, and trade industries, and the *Working Capital of U.S. Nonfinancial Corporations*, which presents data on components of current assets and liabilities of all nonfinancial U.S. corporations.

One of the most comprehensive measures of the investment position of the business sector (and the only measure adjusted to current replacement cost) is the BEA capital stock series. See *Nonresidential Business and Residential Capital in the United States, 1926-75*, and periodic updates in the *Survey of Current Business*.

Income, profits, dividends, and taxes.—Several agencies, among them IRS and BEA, compile corporate income account data. These data, however, are not comparable because of differing methods of compilation. A reconciliation of the two can be found in table 8.12 of *National Income and Product Accounts*, published by BEA. The IRS publishes financial data for all business enterprises. These data appear in *Statistics of Income—Business Income Tax Returns* and *Corporation Income Tax Returns*. Supplemental reports published periodically present data on international income and taxes reported by U.S. corporations.

The corporate data issued by BEA are a part of its national income and product accounts (see text, p. 417) and are defined as required for purposes of national income estimation. The primary sources for BEA estimates of profits, taxes, dividends, and undistributed profits are the original corporate tax returns submitted to the IRS. Various adjustments of the IRS data are required by the national income treatment—adjustments, particularly with respect to profits which would be disclosed if all tax returns were audited; depletion; capital gain or loss; treatment of bad debts; measurement of income received from abroad; and intercorporate dividends to make the figures comparable with other entries in the national income accounts. For a discussion of two types of adjustments (inventory valuation and capital consumption), see text, page 417. BEA's corporate profits data also include net earnings of Federal Reserve banks, credit unions, private noninsured pension funds, and several federally sponsored credit agencies not included in *Statistics of Income*.

Sources and uses of corporate funds.—These data (table 938) show capital requirements of corporations and the manner in which they are financed. Sources of funds should be equal to their uses. Certain discrepancies, however, interfere with this equality due to omission of (1) money accruing to corporations from an excess of sales over purchases of used plant and equipment, (2) transactions in securities held as permanent investments except public offerings, and (3) net purchases of land. Also, the balance sheet data upon which many of the financial flow estimates are based are not fully comparable with the tax-return based estimates of internal sources, or the establishment series underlying the figures on inventory change.

Plant and equipment expenditures.—Estimates of actual and planned expenditures for new plant and equipment in the United States by most private, nonagricultural business firms are based on quarterly sample surveys conducted by the Bureau of Economic Analysis.

For quarterly data, see current issues of the *Survey of Current Business*. For discussion of coverage, concepts, and methodology, see October 1980 issue of the *Survey* for actual expenditures and February 1970 issue for planned expenditures.

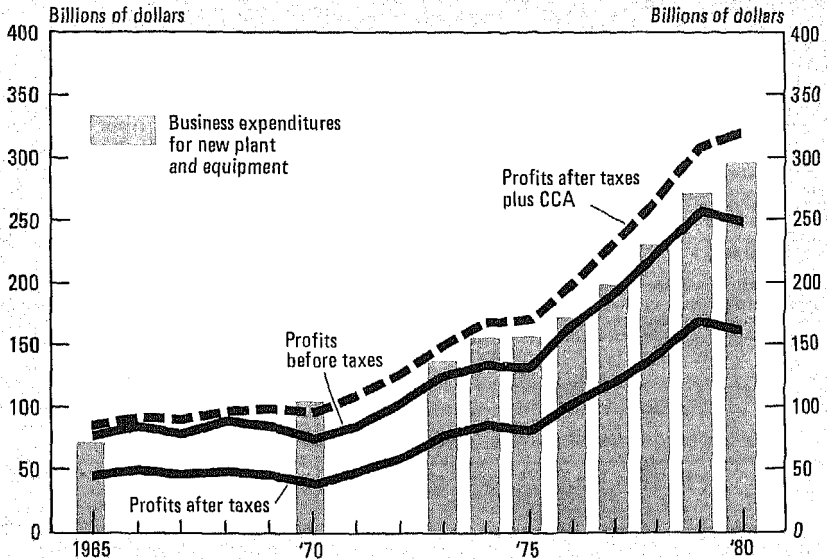
Sales and inventories.—Sales are estimated aggregate values, and inventories are book values at the end of the period. Sales signifies sales or shipments for retail and wholesale trade and billings or shipments for manufacturing. Trade inventories are valued at cost of merchandise on hand, while manufacturers' inventories are valued at approximate current costs or at book values, as reported by the manufacturer. Inventories figures (see table 934) are based on data from censuses (conducted every five years, for years ending in "2" and "7") and annual surveys. Monthly data for manufacturing appear in the Bureau of the Census Current Industrial Reports, *Manufacturers' Shipments, Inventories, and Orders*, series M3-1; for data on retail and wholesale trade, see Section 30.

Economic censuses.—The economic censuses constitute comprehensive and periodic canvasses of the Nation's industrial and business activities. The first economic census of the United States was conducted as part of the 1810 decennial census, when inquiries on manufacturing were included with the census of population. Minerals data were collected in 1840. The first censuses of construction and business were taken for 1929. An integrated economic census program was begun for 1954. In that year, the censuses covered the retail and wholesale trades, selected service industries, manufactures, and mineral industries. The economic censuses are taken at 5-year intervals covering years ending in "2" and "7".

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

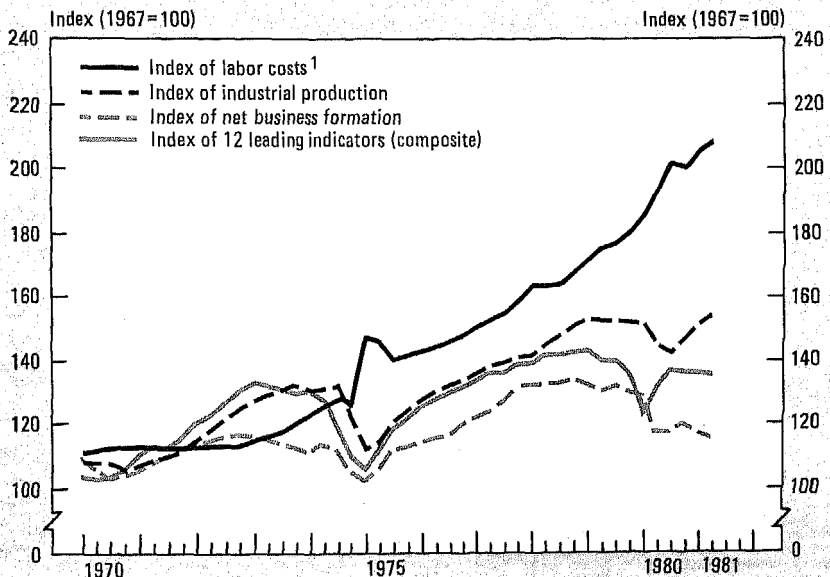
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

Figure 18.1

Business Expenditures, Profits, and Capital Consumption Allowances (CCA): 1965 to 1980

Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 929 and 939.

Figure 18.2

Cyclical Indicators — Selected Indexes: 1970 to 1981

¹Labor costs per unit of output.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 931.

NO. 896. PROPRIETORSHIPS, PARTNERSHIPS, AND CORPORATIONS—NUMBER OF RETURNS, RECEIPTS, AND NET INCOME: 1955 TO 1978

[Figures are estimates based on samples for all years for proprietorships and corporations, and beginning 1960 for partnerships; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series V 1-12]

ITEM	Unit	1955	1960	1965	1970	1974	1975	1976	1977	1978, prel.
Number.....	1,000.....	9,046	11,172	11,416	12,001	13,902	13,979	14,536	14,741	(NA)
Receipts ²	Bil. dol.....	1,781	1,095	1,469	2,082	3,557	3,685	4,170	4,599	(NA)
Net income (less deficit) ³	Bil. dol.....	65	73	111	109	201	196	245	283	(NA)
Proprietorships, number ⁴	1,000.....	8,239	9,090	9,078	9,400	10,874	10,882	11,358	11,346	12,018
Business receipts ²	Bil. dol.....	139	171	199	238	328	339	375	394	443
Net income (less deficit) ³	Bil. dol.....	18	21	28	33	46	45	50	51	59
Partnerships, number.....	1,000.....	(NA)	941	914	936	1,062	1,073	1,096	1,153	1,234
Total receipts ⁵	Bil. dol.....	(NA)	74	75	93	139	147	160	177	219
Net income (less deficit) ³	Bil. dol.....	(NA)	8	10	10	9	8	10	13	14
Corporations, number.....	1,000.....	807	1,141	1,424	1,665	1,966	2,024	2,082	2,242	(NA)
Total receipts ⁵	Bil. dol.....	642	849	1,195	1,751	3,090	3,199	3,635	4,128	(NA)
Net income (less deficit) ³	Bil. dol.....	47	44	74	66	146	143	185	219	(NA)

NA Not available. ¹ Excludes partnerships. ² See footnote 1, table 899. ³ See footnote 2, table 899. ⁴ Individually owned businesses and farms. ⁵ Total taxable receipts before deduction of cost of goods sold, cost of operations, and net loss from sales of property other than capital assets. Excludes nontaxable income except nontaxable interest. See headnote, table 899. ⁶ Beginning 1965, includes constructive taxable income from related foreign corporations.

NO. 897. PROPRIETORSHIPS, PARTNERSHIPS, AND CORPORATIONS—NUMBER OF RETURNS AND BUSINESS RECEIPTS, BY SIZE OF RECEIPTS: 1970 TO 1977

[See headnote, table 899, and *Historical Statistics, Colonial Times to 1970*, series V 1-12]

SIZE CLASS OF RECEIPTS	1970		1975		1977							
	Number (1,000)	Re- ceipts (bil. dol.)	Number (1,000)	Re- ceipts (bil. dol.)	Total		Number (1,000)			Receipts (bil. dol.)		
					Number (1,000)	Re- ceipts (bil. dol.)	Propri- etor- ships	Part- ner- ships ¹	Cor- pora- tions ¹	Propri- etor- ships	Part- ner- ships ¹	Cor- pora- tions ¹
Total.....	12,001	2,036	13,979	3,447	14,741	4,384.3	11,346	1,153	2,242	393.9	176.5	3,813.9
Under \$25,000 ²	8,200	51	9,107	55	9,295	57.8	8,243	568	484	51.4	4.1	2.3
\$25,000-\$49,999.....	1,302	46	1,519	53	1,635	57.3	1,294	149	192	46.3	5.4	5.6
\$50,000-\$99,999.....	1,000	71	1,247	86	1,369	95.1	947	153	269	66.4	11.1	17.6
\$100,000-\$199,999.....	661	93	1,575	330	1,786	377.3	527	126	769	72.3	17.8	177.5
\$200,000-\$499,999.....	474	146					261	103		78.1	31.6	
\$500,000-\$999,999.....	181	126	249	169	299	202.7	53	32	214	35.4	22.0	145.3
\$1,000,000 or more.....	182	1,503	284	2,754	358	3,594.1	21	23	314	44.0	84.5	3,465.6
PERCENT DISTRIBUTION												
Under \$25,000 ²	68.3	2.5	65.1	1.6	63.1	1.3	72.7	49.3	21.6	13.0	2.3	.1
\$25,000-\$49,999.....	10.8	2.3	10.9	1.5	11.1	1.3	11.4	12.9	8.6	11.8	3.1	.1
\$50,000-\$99,999.....	8.3	3.5	8.9	2.5	9.3	2.2	8.4	13.3	12.0	16.9	6.3	.5
\$100,000-\$199,999.....	5.5	4.6	11.3	9.6	12.1	6.6	4.6	10.9	34.3	18.4	10.1	4.7
\$200,000-\$499,999.....	4.0	7.2					2.3	8.9		19.8	17.9	
\$500,000-\$999,999.....	1.5	6.2	1.8	4.9	2.0	4.6	.5	2.8	9.5	9.0	12.5	3.8
\$1,000,000 or more.....	1.5	73.8	2.0	79.9	2.4	82.0	.2	2.0	14.0	11.2	47.9	90.9

¹ Active firms only. ² Includes firms with no receipts.

Source of tables 896 and 897. U.S. Internal Revenue Service, *Statistics of Income, Business Income Tax Returns*, annual, and *Statistics of Income, Corporation Income Tax Returns*, annual.

NO. 898. FEDERAL GOVERNMENT LOANS TO ALL SMALL BUSINESSES AND TO MINORITY-OPERATED SMALL BUSINESSES: 1970 TO 1980

[For years ending June 30 except, beginning 1977 ending Sept. 30. A small business must be independently owned and operated, must not be dominant in its particular industry, and must meet standards set by the Small Business Administration as to its annual receipts or number of employees]

LOANS APPROVED	Unit	1970-1980, avg.	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Loans, all businesses.....	1,000.....	27.3	15.1	28.0	33.9	27.5	22.3	26.1	31.8	31.7	30.2	31.7
Minority-operated businesses.....	1,000.....	6.7	6.3	9.0	9.1	6.9	5.4	5.5	6.2	6.1	5.5	6.0
Percent of all businesses.....	Percent	25	41	32	27	25	24	21	19	19	18	19
Value of total loans.....	Mil. dol.	2,259	710	1,574	2,196	1,948	1,594	2,071	3,049	3,314	3,407	3,858
Loans to minority-operated business.....	Mil. dol.	309	160	258	334	289	229	262	352	402	428	470
Percent of all loans.....	Percent	14	23	16	15	15	14	13	12	12	13	12

Source: U.S. Small Business Administration, unpublished data.

NO. 899. PROPRIETORSHIPS, PARTNERSHIPS, AND CORPORATIONS—NUMBER OF RETURNS, RECEIPTS, AND NET INCOME, BY INDUSTRY: 1977

[Figures are estimates based on sample of unaudited tax returns filed for accounting periods ending between July 1 of year shown and June 30 of following year; see Appendix III. Due to minor variations in estimating techniques, totals differ slightly from those shown in other IRS tables in this section. Proprietorships are individually owned businesses and farms. See *Historical Statistics, Colonial Times to 1970*, series V 42-53, for number of active corporations. Minus sign (-) denotes net loss]

INDUSTRY	NUMBER OF RETURNS (1,000)			BUSINESS RECEIPTS ¹ (bil. dol.)			NET INCOME (less deficit) ² (bil. dol.)		
	Pro- pri- etor- ships	Active part- ner- ships	Active cor- pora- tions	Pro- pri- etor- ships	Active part- ner- ships	Active cor- pora- tions	Pro- pri- etor- ships	Active part- ner- ships	Active cor- pora- tions
Total ³	11,346	1,153	2,242	393.9	176.5	3,813.9	51.4	13.3	219.2
Agric., forestry, and fishing	3,177	121	66	74.6	13.5	33.9	3.0	.8	.7
Mining	71	22	19	4.6	5.9	92.6	.1	—	31.4
Construction	994	69	215	42.8	14.2	176.7	6.6	1.5	4.5
Manufacturing	224	28	231	10.0	8.8	1,591.3	1.3	.5	100.0
Transportation, public utilities ⁴	385	17	85	13.9	3.8	318.4	1.8	.2	18.4
Wholesale and retail trade ⁵	2,265	193	679	160.5	48.6	1,215.6	9.8	2.6	30.2
Wholesale	307	29	238	33.5	16.6	625.3	2.5	.8	17.0
Retail	1,862	164	433	123.6	32.0	589.0	6.9	1.9	13.2
Finance, insurance, real estate ⁶	995	476	433	19.3	43.9	206.9	.4	—1.0	27.7
Services	3,303	227	516	67.8	37.8	175.6	22.5	9.2	6.6

¹ Receipts from sales and services less allowances, rebates, and returns; excludes capital gains or losses, and investment income not associated with the taxpayer's business. ² Net income (less deficit) is defined differently by legal form of organization, basically as follows: (a) Proprietorships: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income are excluded; (b) Partnerships: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income, except capital gains, are included; (c) Corporations: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income, such as capital gains and income from foreign corporations considered received for tax purposes only, are included; net profit is before income tax. ³ Includes business not allocable to individual industries. ⁴ Includes sanitary services. ⁵ Includes total receipts for the finance, insurance, and real estate industry.

NO. 900. PROPRIETORSHIPS, PARTNERSHIPS, AND CORPORATIONS—NUMBER OF RETURNS AND RECEIPTS, BY INDUSTRY AND SIZE OF BUSINESS RECEIPTS: 1977

[Number in thousands; receipts and net income in millions of dollars. See headnote, table 899. See *Historical Statistics, Colonial Times to 1970*, series V 42-53, for number of active corporations]

INDUSTRY	PROPRIETORSHIPS ¹			ACTIVE PARTNERSHIPS			ACTIVE CORPORATIONS		
	Under \$50,000 ²	\$50,000– \$99,999	\$100,000 or more	Under \$100,000 ³	\$100,000– \$499,999	\$500,000 or more	Under \$500,000	\$500,000– \$999,999	\$1,000,000 or more
All industrial divisions: ⁴									
Number	9,537	947	861	870	229	55	1,714	213	314
Business receipts ⁵	97.7	66.4	229.8	20.7	49.5	106.4	203,091	145,263	3,465,571
Net income ⁶	18.3	13.3	19.8	2.2	6.0	9.5	13,333	6,885	225,056
Agriculture, forestry, and fishing:									
Number	2,814	237	126	90	27	4	58	5	5
Business receipts ⁵	27.4	16.3	31.0	2.5	5.3	5.7	6,973	3,525	23,434
Mining:									
Number	58	5	8	18	3	2	13	2	4
Business receipts ⁵	.5	.4	3.8	.2	.6	5.0	1,700	1,607	89,247
Construction:									
Number	793	99	102	47	18	4	152	31	32
Business receipts ⁵	10.4	7.0	25.3	1.7	3.8	8.8	23,232	21,594	131,918
Manufacturing:									
Number	176	24	25	20	6	2	135	31	65
Business receipts ⁵	1.8	1.6	6.5	.5	1.4	6.9	22,152	22,571	1,546,617
Transportation, public utilities: ⁴									
Number	320	43	22	12	4	1	85	9	11
Business receipts ⁵	4.9	2.8	6.2	.4	.8	2.6	7,990	6,412	304,029
Wholesale and retail trade:									
Number	1,591	261	413	110	66	18	431	91	151
Business receipts ⁵	18.4	18.7	123.4	3.8	14.9	29.9	73,324	63,979	1,078,312
Finance, insurance, and real estate:									
Number	825	46	24	410	53	14	396	15	23
Business receipts ⁵	8.0	3.1	8.2	7.1	11.4	25.4	24,021	10,300	370,811
Services:									
Number	2,930	231	141	164	52	11	464	29	23
Business receipts ⁵	26.0	16.4	25.4	4.5	11.2	22.1	54,853	20,074	100,661

¹ Individually owned businesses and farms. ² Includes businesses without receipts. ³ Includes businesses not allocable to individual industries. ⁴ See footnote 1, table 899. ⁵ Less loss. See footnote 2, table 899. ⁶ Includes sanitary services.

⁷ For partnerships and corporations, total receipts (which include investment income), rather than business receipts, were used as the size classifier and for the amounts shown.

Source of tables 899 and 900: U.S. Internal Revenue Service, *Statistics of Income*, annual, *Business Income Tax Returns*, annual; and *Statistics of Income*, *Corporation Income Tax Returns*, annual.

NO. 901. ESTABLISHMENTS, EMPLOYEES, AND PAYROLL BY INDUSTRY AND EMPLOYMENT-SIZE CLASS: 1979

[Excludes government employees, railroad employees, self-employed persons, etc. See "General Explanation" in source for definitions and statement on reliability of data]

ITEM	Unit	All industries ¹	Agricultural services ²	Mining	Contract construction	Manufacturing	Transportation ³	Wholesale trade	Retail trade	Finance and insurance ⁴	Services
Establishments, total	1,000	4,536	46	28	447	321	168	383	1,237	425	1,262
Under 20 employees.....	1,000	3,929	44	20	406	194	132	323	1,072	380	1,141
20 to 99 employees.....	1,000	505	2	6	37	87	29	55	151	39	89
100 to 249 employees.....	1,000	68	(2)	1	3	24	5	4	11	4	15
250 or more employees.....	1,000	33	(2)	1	1	16	2	1	3	2	7
Employees, total	1,000	74,661	283	949	4,609	21,483	4,504	5,186	15,148	5,160	16,774
Under 20 employees.....	1,000	19,406	(b)	119	(b)	1,367	733	1,972	6,026	1,621	5,100
20 to 99 employees.....	1,000	20,992	66	251	1,466	3,988	1,234	2,104	6,141	1,536	4,149
100 to 249 employees.....	1,000	10,508	22	162	518	3,801	782	817	1,616	629	2,341
250 or more employees.....	1,000	23,775	(b)	397	(b)	12,327	1,654	493	1,365	1,374	5,184
Payroll	Mill. dol.	951,821	2,772	18,935	72,359	336,692	79,608	81,174	115,301	68,178	171,602
Under 20 employees.....	Mill. dol.	209,773	(b)	2,225	(b)	17,891	8,405	29,375	43,255	19,470	57,001
20 to 99 employees.....	Mill. dol.	238,686	598	4,542	23,793	52,275	19,394	32,347	45,851	20,145	39,411
100 to 249 employees.....	Mill. dol.	130,784	204	3,654	9,307	51,693	13,630	10,219	13,138	8,405	20,531
250 employees.....	Mill. dol.	372,578	(b)	8,504	(b)	214,643	37,179	9,233	13,057	20,157	54,658

D Withheld to avoid disclosing figures for individual companies. Z Less than 500. ¹ Includes nonclassifiable establishments not shown separately. ² Includes forestry and fisheries. ³ Includes other public utilities. ⁴ Includes real estate.

Source: U.S. Bureau of the Census, *County Business Patterns 1979*, CBP-79-1.

NO. 902. WOMEN-OWNED FIRMS—NUMBER AND RECEIPTS, BY INDUSTRY: 1977

[A firm is considered to be women-owned if one-half or more of the partners are women; a corporation is classified as women-owned if 50 percent or more of the stock is owned by women. The same majority ownership criteria applies to minority-owned businesses. For coverage detail, see source]

INDUSTRY	FIRMS, 1977 (1,000)			RECEIPTS, 1977 (bil. dol.)		
	All firms ¹	Women-owned		All firms ¹	Women-owned	
		Number of firms	Percent of all firms		Re-ceipts	Percent of all firms
All Industries, total	9,833	702	7.1	633.1	41.5	6.6
Construction.....	1,107	21	1.9	72.6	2.9	4.0
Manufacturing.....	2,287	19	0.8	38.5	3.6	9.4
Transportation and public utilities.....	419	12	2.9	22.8	1.3	5.7
Wholesale and retail trade.....	2,600	228	8.8	291.4	23.4	8.0
Finance, insurance, real estate.....	1,404	66	4.7	66.6	2.1	3.2
Selected services.....	3,623	316	8.7	120.1	7.1	5.9
Other industries ²	393	40	10.2	21.2	1.2	5.7

¹ Based on data from U.S. Internal Revenue Service, preliminary report, *Statistics of Income, Business Income Tax Returns, 1977* and *Statistics of Income, Corporation Income Tax Returns, 1978*. ² Includes industries not classified.

Source: U.S. Bureau of the Census, *Women-Owned Businesses, 1977*.

NO. 903. MINORITY-OWNED FIRMS—SUMMARY BY INDUSTRY: 1977

[These data were developed from administrative records of government agencies, various published and unpublished sources, a direct mail canvass, and personal contacts with community and government representatives knowledgeable in this area. Caution should be exercised in comparing data presented here with published or unpublished data from other reports of the 1977 economic censuses. Factors affecting comparability of data among censuses are scope of survey, business unit canvassed, and receipt size limitations. See source for further detail. See also headnote, table 902]

OWNERSHIP AND INDUSTRY	ALL FIRMS		FIRMS WITH PAID EMPLOYEES				FIRMS WITHOUT PAID EMPLOYEES	
	Total (1,000)	Gross receipts (mil. dol.)	Total (1,000)	Employee ¹ (1,000)	Annual payroll (mil. dol.)	Gross receipts (mil. dol.)	Total (1,000)	Gross receipts (mil. dol.)
All Industries ²	561	26,382	105	499	3,356	18,998	456	7,386
Black-owned.....	231	8,845	40	164	1,135	6,397	191	2,248
Spanish-origin.....	219	10,417	41	206	1,350	7,140	178	3,277
Construction.....	52	2,361	12	45	396	1,613	40	747
Manufacturing.....	13	1,858	6	60	447	1,842	7	117
Transp. and public utilities.....	37	1,060	4	15	139	556	3	504
Wholesale trade.....	9	2,031	2	14	152	1,788	7	242
Retail trade.....	147	10,629	38	183	929	7,820	110	2,809
Finance and insurance ³	28	1,334	3	24	212	1,043	26	291
Selected services.....	234	6,202	38	151	1,020	4,039	196	2,163

¹ For week including March 12. ² Includes other not shown separately. ³ Includes real estate.

Source: U.S. Bureau of the Census, *1977 Survey of Minority-Owned Business Enterprises*, MB77-1, MB77-2, MB77-3, and MB77-4.

NO. 904. MERGERS AND ACQUISITIONS—MANUFACTURING AND MINING CONCERNS ACQUIRED: 1925 TO 1979

[Prior to 1972, totals limited to actions reported by Moody's Investors Service, Inc., and Standard & Poor's Corporation. Included are partial acquisitions when they comprise whole divisions or subsidiaries of other companies. See also *Historical Statistics, Colonial Times to 1970, series V 38*]

PERIOD	Con- cerns ac- quired, aggre- gate for period	Year	All con- cerns ac- quired, total	LARGE CONCERNS (ASSETS OF \$10 MILLION OR MORE) ACQUIRED ¹					
				Number of mergers			Assets acquired (mil. dol.)		
				Total	Horizon- tal and vertical	Con- glom- erate	Total	Horizon- tal and vertical	Con- glom- erate
1925-1929	4,583	1960	844	51	14	37	1,535	453	1,082
1930-1934	1,587	1965	1,008	64	16	48	3,254	573	2,681
1935-1939	577	1970	1,351	91	12	79	5,904	1,174	4,730
1940-1944	906	1971	1,011	59	8	51	2,460	578	1,882
1945-1949	1,505	1972	911	80	24	36	1,885	773	1,112
1950-1954	1,424	1973	874	84	25	39	3,149	1,093	2,056
		1974	802	62	24	38	4,466	1,417	3,049
1955-1959	3,365	1975	439	59	7	52	4,950	267	4,683
1960-1964	4,366	1976	559	81	18	63	6,278	1,031	5,248
1965-1969	8,213	1977	590	99	30	69	8,670	1,937	6,733
1970-1974	4,749	1978	610	111	35	76	10,724	4,675	6,050
1975-1979	2,717	1979	519	97	10	87	12,867	1,231	11,637

¹ Concerns for which financial data are publicly available.

NO. 905. MERGERS AND ACQUISITIONS—MANUFACTURING AND MINING CONCERNS ACQUIRED, BY INDUSTRY GROUP OF ACQUIRING CONCERN: 1960 TO 1979

[See headnote, table 904]

INDUSTRY OF ACQUIRING CONCERN	1960- 1964, total	1965- 1969, total	1970- 1974, total	1975- 1979, total	1973	1974	1975	1976	1977	1978	1979
Total concerns acquired	4,366	8,213	4,749	2,717	874	602	439	559	590	610	519
Mining	209	303	258	128	34	36	27	28	26	24	23
Manufacturing ¹	3,694	6,642	3,428	1,833	578	418	288	375	393	427	350
Food and kindred products	326	538	364	198	77	40	27	42	43	53	33
Tobacco manufactures	24	37	18	18	3	2	4	1	5	5	3
Textiles and apparel	280	439	160	59	30	15	3	13	11	18	16
Lumber and furniture	109	250	175	55	31	27	7	14	12	8	14
Paper and allied products	133	175	120	53	21	30	8	10	18	8	9
Printing and publishing	158	224	158	126	28	18	21	29	24	30	22
Chemicals	443	615	334	202	65	47	44	39	46	46	27
Petroleum	78	73	34	18	6	7	3	7	2	2	4
Rubber and plastics products	74	139	71	44	12	7	2	10	16	10	6
Leather products	32	75	41	10	5	-	3	3	1	1	2
Stone, clay, and glass products	103	212	136	66	19	25	15	13	11	14	13
Primary metals	173	366	180	110	24	23	22	22	23	19	24
Fabricated metal products	225	471	214	149	45	25	24	43	29	32	21
Machinery, except electrical	397	817	413	265	59	45	48	44	51	58	64
Electrical machinery	573	1,180	478	229	67	45	35	47	47	54	46
Transportation equipment	272	483	218	94	39	31	10	12	20	32	20
Professional scientific instruments	189	407	172	94	21	18	9	20	22	24	19
Nonmanufacturing ²	463	1,268	1,063	756	262	148	124	156	171	159	146

- Represents zero.

¹ Includes miscellaneous and ordnance, not shown separately.

² Includes unknown.

NO. 906. MERGERS AND ACQUISITIONS—COMPANIES ACQUIRED, BY ASSET SIZE OF ACQUIRING AND ACQUIRED COMPANIES AND BY INDUSTRY: 1978 AND 1979

[Excludes pending mergers and acquisitions]

ASSET SIZE	ACQUIRING COMPANY		ACQUIRED COMPANY		INDUSTRY	ACQUIRING COMPANY		ACQUIRED COMPANY	
	1978	1979	1978	1979		1978	1979	1978	1979
Total	1,279	1,214	1,279	1,214	Total	1,279	1,214	1,279	1,214
Under \$1 mil. ¹	197	138	895	746	Manufacturing	647	604	490	405
\$1 mil. to \$9.9 mil.	44	38	119	123	Mining	47	44	36	40
\$10.0 mil. to \$49.9 mil.	220	133	157	213	Wholesale, retail trade	113	105	154	144
\$50.0 mil. to \$99.9 mil.	148	146	46	57	Service and other ²	321	309	161	165
\$100.0 mil. and over	670	759	62	75	Unknown	151	152	438	460

¹ Includes companies of unknown asset size. ² Companies in insurance, construction, farming, finance, credit, real estate, transportation, communication; electric, gas, sanitary services; and holding companies.

Source of tables 904-906: U.S. Federal Trade Commission, *Statistical Report on Mergers and Acquisitions*, annual.

NO. 907. NEW BUSINESS CONCERNS AND BUSINESS FAILURES: 1960 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series V 21-24]

FORMATIONS AND FAILURES	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Business formations:											
Index, net formations ¹ (1967=100)	94.5	99.5	107.1	115.5	111.2	108.8	117.2	126.5	132.9	131.7	121.1
New incorporations ¹ (1,000)	183	204	264	329	319	326	376	438	478	525	534
Failures, number ² (1,000)	15.4	13.5	10.7	9.3	9.9	11.4	9.6	7.9	6.6	7.6	11.8
Rate per 10,000 concerns	57	53	44	36	38	43	35	28	24	28	42

¹ Source: U.S. Bureau of Economic Analysis.² See footnote 2, table 908.Source: Except as noted, Dun & Bradstreet, New York, N.Y., *Monthly New Business Incorporation Report*.

NO. 908. INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES: 1946 TO 1980

[Excludes Hawaii prior to 1975, Alaska prior to 1976. Excludes all railroad failures. Excludes real estate and financial companies. See also *Historical Statistics, Colonial Times to 1970*, series V 20-30]

YEARLY AVERAGE OR YEAR	Total concerns in business ¹ (1,000)	FAILURES ²				YEAR	Total concerns in business ¹ (1,000)	FAILURES ²			
		Number	Rate per 10,000 concerns	Current liabilities ³ (mil. dol.)	Average liability (\$1,000)			Number	Rate per 10,000 concerns	Current liabilities ³ (mil. dol.)	Average liability (\$1,000)
1946-1950	2,493	5,652	21	213	45	1969	2,444	9,154	37	1,142	125
1951-1955	2,635	9,317	35	370	39	1970	2,442	10,748	44	1,888	176
1956-1960	2,674	14,177	53	708	50	1971	2,466	10,326	42	1,917	186
1961-1965	2,565	14,848	57	1,261	86	1972	2,490	9,568	38	2,000	209
1966-1970	2,481	10,993	44	1,324	121	1973	2,567	9,345	36	2,299	246
1971-1975	2,559	10,117	40	2,730	270	1974	2,591	9,915	38	3,053	308
1976-1979	2,767	7,933	29	2,857	360	1975	2,679	11,432	43	4,380	383
						1976	2,782	9,628	35	3,011	313
1965	2,527	13,514	53	1,322	98	1977	2,793	7,919	28	3,095	391
1966	2,520	13,061	52	1,386	106	1978	2,786	6,619	24	2,658	401
1967	2,519	12,364	49	1,265	102	1979	2,708	7,564	28	2,667	353
1968	2,481	9,636	39	941	98	1980	2,780	11,742	42	4,835	395

¹ Data represent number of names listed in July issue of *Dun & Bradstreet Reference Book*. ² Includes concerns discontinued following assignment, voluntary or involuntary petition in bankruptcy, attachment, execution, foreclosure, etc.; voluntary withdrawals from business with known loss to creditors; also enterprises involved in court action, such as receivership and reorganization or arrangement which may or may not lead to discontinuance; and businesses making voluntary compromise with creditors out of court. ³ Liabilities exclude long-term publicly held obligations; offsetting assets are not taken into account.

NO. 909. INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY STATES: 1979 AND 1980

STATE	NUMBER		CURRENT LIABILITIES ¹ (mil. dol.)		STATE	NUMBER		CURRENT LIABILITIES ¹ (mil. dol.)		STATE	NUMBER		CURRENT LIABILITIES ¹ (mil. dol.)	
	1979	1980	1979	1980		1979	1980	1979	1980		1979	1980	1979	1980
U.S.	7,564	11,742	2,667.4	4,635.1	W.N.C.—					W.S.C.	957	1,378	372.1	613.6
N.E.	391	464	252.1	217.0	Con.					Ark.	71	83	10.7	43.6
Maine	46	62	12.6	23.7	Mo.	65	112	10.1	39.0	La.	137	139	53.3	77.2
N.H.	13	15	5.5	1.5	N. Dak.	25	61	6.9	12.6	Okl.	120	254	28.0	83.7
Vt.	6	12	2.8	1.7	S. Dak.	22	69	6.9	19.7	Tex.	629	698	280.1	409.1
Mass.	218	235	184.3	145.1	Nebr.	70	119	16.8	31.0					
R.I.	5	18	6.7	10.7	Kans.	108	142	18.2	24.6	MI.	234	416	51.9	99.8
Conn.	100	122	40.2	34.2	S.A.	634	1,127	196.6	350.1	Mont.	34	88	5.7	26.7
M.A.	1,269	1,560	570.6	703.9	Del.	6	17	1.1	5.0	Idaho.	34	58	4.1	12.6
N.Y.	477	593	237.7	362.3	D.C.	125	127	26.3	20.5	Wyo.	4	2	2.3	.2
N.J.	421	430	194.2	182.7	Va.	9	—	1.6	—	Colo.	91	133	26.4	36.8
Pa.	371	557	138.8	158.9	W. Va.	140	234	34.7	55.6	N. Mex.	8	53	5.3	9.2
E.N.C.	1,368	2,091	390.2	1,279.6	D.C.	16	36	9.1	45.1	Ariz.	27	16	3.5	1.9
Ohio	298	432	77.3	91.2	N.C.	101	194	29.7	51.2	Utah.	9	28	2.0	4.6
Ind.	166	211	48.2	58.5	S.C.	9	—	12.9	—	Nev.	27	40	2.5	8.0
Ill.	369	653	129.1	175.9	Ga.	145	237	50.2	104.2					
Mich.	389	604	103.2	904.6	Fla.	83	282	31.2	68.4	Pac.	1,690	2,962	585.1	808.8
Wis.	146	191	34.4	49.4	E.S.C.	440	841	100.6	234.1	Wash.	299	696	87.3	125.0
W.N.C.	581	883	148.2	328.2	Ky.	74	153	15.8	34.6	Oreg.	188	255	60.3	127.5
Minn.	212	280	77.3	176.0	Tenn.	234	449	47.1	115.0	Calif.	1,162	1,849	428.4	521.7
Iowa	79	100	11.9	25.3	Ala.	103	154	29.8	61.9	Hawaii.	38	83	8.7	21.6
					Miss.	20	88	7.9	22.6	Alaska.	3	79	.3	12.9

— Represents zero. ¹ See headline, and footnotes 2 and 3, table 908.Source of tables 908 and 909: Dun & Bradstreet, New York, N.Y., *The Failure Record Through 1979 and Monthly Failure Report*.

NO. 910. INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY INDUSTRY AND SIZE OF LIABILITY: 1970 TO 1980

[Excludes Hawaii prior to 1975, Alaska prior to 1977. See footnotes 2 and 3, table 908]

INDUSTRY AND SIZE OF LIABILITY	FAILURES						CURRENT LIABILITIES (mil. dol.)					
	1970	1975	1977	1978	1979	1980	1970	1975	1977	1978	1979	1980
Total	10,748	11,432	7,919	6,619	7,564	11,742	1,888	4,380	3,095	2,656	2,667	4,635
Mining and manufacturing.....	2,035	1,645	1,122	1,013	1,185	1,599	818	1,021	1,221	879	970	1,885
Under \$100,000.....	1,069	789	479	381	424	501	43	35	23	18	21	25
\$100,000 and over.....	966	856	643	632	741	1,098	775	986	1,198	861	949	1,860
Wholesale trade.....	984	1,089	887	740	908	1,284	179	407	613	346	421	591
Under \$100,000.....	650	611	450	313	342	468	27	28	21	15	17	24
\$100,000 and over.....	334	478	437	427	566	816	152	379	592	331	404	567
Retail trade.....	4,650	4,799	3,406	2,889	3,183	4,910	361	1,836	483	777	637	994
Under \$100,000.....	3,984	3,520	2,368	1,816	1,920	2,698	124	136	98	86	98	130
\$100,000 and over.....	666	1,279	1,038	973	1,263	2,212	236	1,700	384	692	549	864
Construction.....	1,687	2,262	1,483	1,204	1,378	2,355	232	641	420	328	291	752
Under \$100,000.....	1,229	1,433	887	650	718	1,147	42	58	38	28	33	56
\$100,000 and over.....	458	829	596	554	660	1,208	190	583	382	300	258	696
Commercial service.....	1,392	1,637	1,041	773	930	1,594	299	475	359	326	348	413
Under \$100,000.....	1,087	1,151	697	452	526	868	33	42	28	18	21	38
\$100,000 and over.....	305	486	344	321	404	726	265	433	331	308	327	375

Source: Dun & Bradstreet, New York, N.Y., *The Failure Record Through 1979 and Monthly Failure Report*.

NO. 911. BANKRUPTCY ESTATES FILED AND PENDING: 1905 TO 1980

[In thousands. For years ending June 30, except 1905 ending Sept. 30. Covers all U.S. bankruptcy courts. Bankruptcy estate "Filed" means the commencement of a proceeding through the presentation of a petition to the clerk of the bankruptcy court; "Pending" is a proceeding in which the administration has not been completed]

YEAR	Filed	Pending	YEAR	Filed	Pending	YEAR	Filed	Pending	YEAR	Filed	Pending
1905.....	17	28	1945.....	13	21	1965.....	180	162	1973.....	173	189
1910.....	18	28	1950.....	33	38	1966.....	192	169	1974.....	190	201
1915.....	28	44	1955.....	59	58	1967.....	208	185	1975.....	254	262
1920.....	14	30	1960.....	110	95	1968.....	198	184	1976.....	247	271
1925.....	46	60	1961.....	147	124	1969.....	185	179	1977.....	214	254
1930.....	63	61	1962.....	148	134	1970.....	194	191	1978.....	203	240
1935.....	69	65	1963.....	155	148	1971.....	201	201	1979.....	226	258
1940.....	53	55	1964.....	172	157	1972.....	183	197	1980.....	361	421

Source: Administrative Office of the United States Courts, *Tables of Bankruptcy Statistics*, annual, and *Federal Judicial Workload Statistics*, annual.

NO. 912. BANKRUPTCY ESTATES FILED, BY TYPE OF BANKRUPTCY AND CHAPTER OF THE BANKRUPTCY ACT/CODE: 1971 TO 1980

[For years ended June 30]

ITEM		1971	1972	1973	1974	1975	1976	1977	1978	1979	1980 ¹
Total.....		201,352	182,869	173,197	189,513	254,484	246,549	214,399	202,951	226,476	360,957
Business.....		19,103	18,132	17,490	20,746	30,130	35,201	32,189	30,528	29,500	46,066
Non-business.....		182,249	164,737	155,707	168,767	224,354	211,348	182,210	172,423	196,976	314,886
Voluntary.....		200,118	181,752	172,200	188,483	253,198	245,383	213,257	201,944	225,549	359,768
Involuntary.....		1,234	1,117	997	1,020	1,286	1,166	1,142	1,007	927	1,184
Act	Code										
Chapters I-VII.....	Chapter 7 ^a	168,364	153,934	145,914	157,971	209,330	209,067	181,194	168,771	183,259	275,850
Chapter IX.....	Chapter 9 ^a	2	1	-	2	-	2	1	2	1	-
Chapter X.....	(X)	179	105	101	163	189	141	96	75	63	17
Chapter XI.....	Chapter 11 ^b	1,782	1,361	1,458	2,171	3,508	3,235	3,046	3,266	3,042	5,441
Chapter XII.....	(X)	120	92	92	172	280	525	640	650	689	212
Chapter XIII.....	Chapter 13 ^c	30,904	27,373	25,632	29,019	41,178	33,579	29,422	30,185	39,442	79,432
Section 77 ^d	(X)	1	3	-	15	1	-	-	2	-	-
(X).....	Section 304 ^e	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	5

- Represents zero. X Not applicable. ¹ For the first three months of 1980 the judiciary operated under the Bankruptcy Act and for the last nine months under both the Bankruptcy Act and the new bankruptcy code established by the Bankruptcy Reform Act of 1978. ² Includes five Chapter 304 cases filed under the Reform Act. ³ Chapter 7, liquidation of non-exempt assets of businesses or individuals. ⁴ Chapter 9, adjustment of debts of a municipality. ⁵ Chapter 11, individual or business reorganization. ⁶ Chapter 13, adjustment of debts of an individual with regular income. ⁷ Section 77, railroad reorganization, no longer applies. Subchapter IV of Chapter 11 now provides for railroad reorganization. ⁸ 11 U.S.C., Section 304, cases ancillary to foreign proceedings.

Source: Administrative Office of the U.S. Courts, *Annual Report of the Director*.

NO. 913. GROSS DOMESTIC PRODUCT (GDP) OF CORPORATE BUSINESS: 1960 TO 1980

[In billions of dollars, except percent. For explanation of GDP, see text, p. 417. Excludes gross product originating in the rest of the world. Capital consumption allowances include capital consumption adjustment. Minus sign (-) denotes decrease. For explanation of average annual percent change, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series V 141-166, for single-year figures prior to revisions issued in 1981]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Gross domestic product (GDP)	292.3	413.6	596.9	864.7	937.6	1,053.9	1,191.6	1,340.3	1,494.9	1,614.2
GDP, financial corp. business ¹	15.4	20.2	33.2	45.8	47.6	52.5	62.2	66.8	77.9	80.9
GDP, nonfinancial corp. business.....	277.0	393.6	563.7	818.9	890.0	1,001.3	1,129.5	1,270.7	1,417.0	1,533.3
Capital consumption allowances ²	27.3	33.4	54.1	83.4	99.5	109.9	122.4	136.4	155.4	175.4
Indirect business taxes ³	29.9	43.9	66.3	93.5	101.7	110.2	120.4	130.9	139.6	153.2
Domestic income.....	235.2	336.3	476.5	687.8	736.4	833.8	948.8	1,073.1	1,199.8	1,279.5
NONFINANCIAL CORPORATION BUSINESS										
GDP, total	277.0	393.6	563.7	818.9	890.0	1,001.3	1,129.5	1,270.7	1,417.0	1,533.3
Avg. annual percent change ⁴	4.1	7.3	7.5	9.8	8.7	12.5	12.8	12.5	11.5	8.2
Capital consumption allowances ²	26.8	32.7	52.2	79.5	94.9	104.8	116.6	129.7	147.5	165.9
Indirect business taxes ³	28.3	41.1	63.4	89.7	97.1	105.3	115.1	125.2	133.6	152.4
Domestic income.....	221.9	319.8	448.1	649.7	697.9	791.2	897.8	1,015.8	1,135.9	1,215.0
Compensation of employees.....	161.1	246.1	376.4	556.5	581.1	654.4	738.2	841.4	954.0	1,037.1
Corporate profits ⁵	37.4	67.7	52.7	63.6	86.1	107.3	126.3	137.6	136.7	121.8
Profits before tax.....	39.7	65.2	55.8	105.3	107.3	135.0	153.5	174.3	193.4	180.1
Profits after tax.....	20.5	38.0	29.8	63.3	66.1	82.3	94.1	107.0	123.7	118.2
Inventory valuation adjustment.....	-2	-1.2	-6.6	-40.0	-11.6	-14.7	-15.8	-24.3	-42.6	-43.9
Capital consumption adjustment.....	-2.1	3.7	2.4	-1.8	-9.7	-13.0	-11.4	-12.4	-14.1	-14.4
Net interest.....	3.5	6.1	17.0	29.6	30.8	29.5	33.2	36.8	45.2	56.1
CONSTANT (1972) DOLLARS										
GDP, total	358.4	495.2	599.6	708.2	694.2	745.5	799.0	845.1	873.3	866.2
Avg. annual percent change ⁴	3.2	6.7	3.9	4.3	-2.0	7.4	7.2	5.8	3.3	-0.8
Capital consumption allowances.....	36.3	43.1	55.8	68.7	71.8	74.5	77.9	80.4	84.6	88.1
Indirect business taxes ³	41.4	54.5	67.4	78.1	79.1	82.7	87.2	90.9	92.7	95.1
Domestic income.....	280.7	397.6	475.4	561.4	543.3	588.3	633.9	673.8	696.0	682.9

¹ Corporations comprising the finance, insurance, and real estate industry. ² With capital consumption adjustments. ³ Plus transfer payments less subsidies. ⁴ Change from prior year shown; for 1960, change from 1959. ⁵ With inventory valuation and capital consumption adjustment.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, April 1981.

NO. 914. ACTIVE CORPORATIONS—ASSETS AND LIABILITIES: 1960 TO 1977

[In billions of dollars. See headnote, table 448. For number of income tax returns, see table 919. See also *Historical Statistics, Colonial Times to 1970*, series V 108-127]

ASSETS AND LIABILITIES	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977
Assets ¹	1,207	1,724	2,635	2,869	3,257	3,649	4,016	4,287	4,721	5,326
Cash.....	97	117	177	196	228	259	281	290	315	362
Notes and accounts receivable ²	242	392	595	650	762	891	998	1,021	1,137	1,304
Inventories.....	91	126	190	199	224	263	312	318	351	396
Investments, government obligations.....	135	157	197	223	240	250	256	316	357	381
Mortgage and real estate loans.....	129	(³)	328	366	418	463	508	548	599	661
Other investments.....	179	465	406	461	514	556	578	636	711	835
Capital assets ⁴	293	395	600	634	685	750	831	892	969	1,076
Liabilities	1,207	1,724	2,635	2,869	3,257	3,649	4,016	4,287	4,721	5,326
Notes and accounts payable ⁵	112	174	320	334	366	461	539	536	579	666
Other current liabilities.....	365	583	892	1,005	1,163	1,316	1,459	1,577	1,791	2,063
Bonded debt and mortgages ⁶	154	210	363	403	445	493	542	587	638	694
Other liabilities.....	167	220	308	339	376	421	460	490	506	552
Capital stock.....	140	161	201	210	221	228	240	252	269	287
Surplus and undivided profits ⁷ (net).....	269	375	551	599	666	730	776	843	938	1,064

¹ Includes assets, not shown separately. ² Less allowance for bad debts. Includes loans and discounts of banks, except mortgage and real estate loans. ³ Included in "Other Investments." ⁴ Less depreciation, amortization, and depletion reserves. Includes land and intangible assets. ⁵ Includes bonds, notes, and mortgages payable with maturity of less than 1 year. ⁶ With maturity of 1 year or more. ⁷ Beginning 1970, reduced by cost of treasury stock.

Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual.

No. 915. NONFINANCIAL CORPORATE BUSINESS-SECTOR BALANCE SHEET: 1960 TO 1980

(In billions of dollars. Represents year-end outstandings. 1980 preliminary)

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total assets	630	825	1,241	1,674	1,946	2,090	2,272	2,515	2,848	3,281	3,656
Tangible assets.....	449	566	871	1,148	1,429	1,532	1,662	1,850	2,091	2,408	2,722
Reproducible.....	368	469	758	1,011	1,267	1,361	1,476	1,644	1,857	2,142	2,427
Land.....	81	97	113	137	163	171	186	206	234	266	295
Financial assets.....	182	259	370	526	517	558	610	665	757	873	935
Liquid assets.....	51	63	69	101	105	125	139	141	151	169	193
Demand deposits and currency.....	28	33	44	46	48	54	55	56	62	68	72
Time deposits.....	3	9	5	17	20	22	24	29	31	36	41
Consumer credit.....	11	15	17	22	22	22	24	25	27	30	32
Trade credit.....	61	119	189	267	244	250	270	301	356	421	438
Miscellaneous assets.....	38	62	94	137	145	160	178	198	223	252	272
Total liabilities	239	351	563	793	816	852	926	1,027	1,173	1,362	1,466
Credit market instruments.....	154	223	376	522	600	629	679	756	846	961	1,045
Profit taxes payable.....	14	20	11	16	17	14	22	20	24	25	18
Trade debt.....	64	98	162	235	174	180	194	216	262	323	342
Miscellaneous liabilities.....	7	9	13	21	25	28	31	35	41	52	61
Net worth.....	392	475	678	881	1,130	1,238	1,347	1,488	1,675	1,919	2,191

Source: Board of Governors of the Federal Reserve System, *Balance Sheets For U.S. Economy*.

No. 916. WORKING CAPITAL OF NONFINANCIAL CORPORATIONS: 1971 TO 1980

(In billions of dollars, except ratios. As of December 31. Covers all nonfinancial U.S. corporations)

ITEM	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Current assets	529.6	599.3	697.8	734.6	756.3	823.1	900.9	1,028.1	1,200.9	1,278.9
Cash on hand and in banks ¹	53.3	55.0	66.3	73.0	80.0	86.8	94.3	103.7	116.1	120.8
U.S. Government securities.....	11.0	10.6	12.8	11.3	19.6	26.0	18.7	17.8	15.6	17.0
Receivables, total ²	221.1	248.2	288.5	285.5	272.1	292.4	325.0	381.9	456.8	491.1
Inventories.....	200.4	225.7	263.9	318.9	314.7	341.4	375.6	428.3	501.7	525.1
Other current assets.....	43.8	55.8	66.4	65.9	69.9	76.4	67.3	96.3	110.7	125.9
Current liabilities	326.0	375.6	450.9	451.8	446.9	487.5	546.8	661.9	809.1	877.2
Payables.....	220.5	282.9	340.3	272.3	261.2	273.2	313.7	375.1	456.3	496.2
Other current liabilities.....	105.5	92.7	110.7	179.5	185.7	214.2	233.1	286.8	352.8	379.0
Net working capital	203.6	223.7	246.9	282.8	309.5	335.6	354.1	366.2	391.8	402.7
Liquidity ratio ³	.332	.334	.323	.332	.379	.368	.366	.329	.300	.301
Current ratio ⁴	1.625	1.595	1.548	1.626	1.893	1.688	1.648	1.553	1.417	1.459

¹ Includes time certificates of deposits. ² Includes U.S. Government receivables. ³ Cash plus U.S. Government securities plus "other current assets," divided by "current liabilities." ⁴ "Current assets" divided by "current liabilities."

Source: U.S. Federal Trade Commission. In Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*.

No. 917. LARGEST MANUFACTURING CORPORATIONS—PERCENT SHARE OF ASSETS HELD: 1950 TO 1980

[Prior to 1970, excludes newspapers. Data prior to 1974 not strictly comparable with later years.]

CORPORATION RANK GROUP	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
100 largest.....	39.7	44.3	46.4	46.5	48.5	47.6	44.7	44.4	45.0	45.4	45.9	45.5	46.1	46.7
200 largest.....	47.7	53.1	56.3	56.7	60.4	60.0	56.8	56.7	57.5	58.0	58.5	58.3	59.0	59.7

Source: U.S. Federal Trade Commission, unpublished data.

No. 918. LARGEST MANUFACTURING COMPANIES—PERCENT SHARE OF TOTAL VALUE ADDED BY MANUFACTURE: 1947 TO 1977

["Largest companies" are those which were largest in each of the specified years in terms of value added. For details, see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series P 177-180.]

COMPANY RANK	1947 Cen- sus	1954 Cen- sus	1958 Cen- sus	1962 ASM	1963 Cen- sus	1966 ASM	1967 Cen- sus	1970 ASM	1972 Cen- sus	1976 ASM	1977 Cen- sus
Largest 50 companies.....	17	23	23	24	25	25	25	24	25	24	24
Largest 100 companies.....	29	30	30	32	33	33	33	33	33	34	33
Largest 150 companies.....	27	34	35	36	37	38	38	38	39	40	39
Largest 200 companies.....	30	37	38	40	41	42	42	43	43	44	44

Source: U.S. Bureau of the Census, *Census of Manufactures and Annual Survey of Manufactures (ASM)*.

NO. 919. CORPORATION INCOME TAX RETURNS—SELECTED ITEMS: 1960 TO 1977

[In billions of dollars, except number of returns. Federal returns and active corporations only. See headnote, table 448. See also *Historical Statistics, Colonial Times to 1970*, series V 129-136]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977
Number of returns (1,000).....	1,140	1,424	1,666	1,813	1,905	1,966	2,024	2,082	2,242
Returns with—									
Assets, end of year (1,000).....	1,095	1,380	1,619	1,759	1,844	1,903	1,952	2,017	2,185
Net income (1,000).....	670	915	1,008	1,140	1,203	1,208	1,226	1,274	1,425
Income tax less credits ¹ (1,000).....	(NA)	(NA)	735	772	752	803	733	749	776
Total receipts.....	849.1	1,194.6	1,750.8	2,171.2	2,557.7	3,089.7	3,198.6	3,635.5	4,128.3
Business receipts.....	802.8	1,120.4	1,620.9	2,007.3	2,361.4	2,854.8	2,961.7	3,370.4	3,813.9
Interest ²	23.6	37.2	71.6	86.3	113.3	143.0	143.3	156.0	176.7
Capital gain, net ³	3.1	5.3	5.5	9.1	9.1	8.2	8.4	9.7	11.9
Net gain, noncapital assets.....	1.9	2.9	5.3	8.5	7.7	7.0	7.8	8.9	11.2
Dividends received ⁴	4.2	6.7	8.7	11.1	14.8	21.2	14.3	19.5	22.2
Receipts not specified.....	13.6	22.0	38.8	48.9	51.4	55.5	63.1	71.0	92.4
Total deductions.....	804.6	1,119.9	1,682.8	2,071.7	2,435.0	2,941.5	3,052.7	3,448.9	3,908.8
Cost of sales and operations.....	577.0	793.0	1,146.3	1,412.5	1,682.5	2,068.1	2,129.9	2,416.6	2,725.0
Interest paid.....	14.6	26.4	62.1	72.9	99.6	132.9	129.3	135.1	152.9
Depreciation, depletion ⁵	26.9	39.2	59.3	71.6	80.6	98.4	92.4	100.3	113.6
Employee benefits, pension, stock bonus, etc.....	7.2	11.4	19.6	27.3	31.9	36.6	42.2	50.6	60.0
Deductions not specified.....	178.8	249.9	395.5	487.5	540.5	605.5	659.9	745.3	857.3
Receipts less deductions.....	44.5	74.7	67.9	99.5	122.6	148.2	146.0	186.6	219.5
Net income less deficit.....	43.5	73.9	65.9	96.8	120.4	146.0	142.6	185.4	219.2
Income tax ⁶	21.9	31.7	33.3	42.9	52.4	66.1	66.1	83.2	96.3
Income tax less credits ¹	20.6	27.3	27.9	33.5	39.1	41.1	39.7	49.8	56.7
Distributions to stockholders ⁷	17.2	26.0	32.0	36.0	41.8	49.3	45.2	54.6	61.5

NA Not available. ¹ Credits includes foreign tax, investment, work incentive (WIN) (beginning 1972). U.S. possessions tax (beginning 1976), and new jobs credits (beginning 1977). ² Includes interest on Government obligations and other interest. ³ Net long-term capital gain reduced by net short-term capital loss. ⁴ Includes foreign. ⁵ Includes amortization. ⁶ Income tax is before deductions for credit; see footnote 1. Beginning 1965, includes tax from recomputing prior-year investment credit; 1970, includes tax surcharge. Beginning 1970 includes additional tax for tax preferences; beginning 1973, includes tax from recomputing prior-year work incentive (WIN) credit. ⁷ Other than own stock.

Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual.

NO. 920. ACTIVE CORPORATIONS—INCOME TAX RETURNS, BY ASSET SIZE: 1960 TO 1977

[Figures are estimates based on samples of active corporations filing income tax returns; see Appendix III. See *Historical Statistics, Colonial Times to 1970*, series V 42, for total active corporations]

ASSET SIZE-CLASS	NUMBER OF RETURNS (1,000)						TOTAL ASSETS (bil. dol.)					
	1960	1965	1970	1975	1976	1977	1960	1965	1970	1975	1976	1977
Total.....	1,140.6	1,424.0	1,665.5	2,023.6	2,082.2	2,241.9	1,207	1,724	2,635	4,287	4,721	5,326
Under \$100,000 ¹	684.6	846.2	961.0	1,882.3	1,195.5	1,261.1	23	28	32	255	38	41
\$100,000-\$1 mil.....	399.3	490.7	599.1	1,882.3	1,195.5	1,261.1	111	143	178	229	229	252
\$1 mil.-\$10 mil.....	56.3	73.5	87.0	116.4	126.3	147.6	159	206	240	310	332	392
\$10 mil.-\$25 mil.....	5.8	7.4	9.8	12.2	13.0	13.6	89	115	153	193	205	215
\$25 mil.-\$50 mil.....	2.1	2.9	3.9	5.6	6.0	6.5	73	99	135	195	210	228
\$50 mil.-\$100 mil.....	1.1	1.5	2.1	3.1	3.4	3.8	80	104	145	213	238	264
\$100 mil.-\$250 mil.....	.8	1.1	1.4	2.1	2.3	2.5	119	165	222	331	364	390
\$250 mil. and over.....	.6	.8	1.2	1.9	2.1	2.2	552	862	1,530	2,790	3,105	3,544
PERCENT DISTRIBUTION												
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under \$100,000 ¹	60.0	59.4	57.7	93.0	57.4	56.2	1.9	1.6	1.2	5.9	.8	.8
\$100,000-\$1 mil.....	34.1	34.5	36.0	93.0	35.2	35.9	9.2	8.3	6.8	4.9	4.9	4.7
\$1 mil.-\$10 mil.....	4.9	5.2	5.2	5.8	6.1	6.6	13.2	12.0	9.1	7.2	7.0	7.4
\$10 mil.-\$25 mil.....	.5	.5	.6	.6	.6	.6	7.4	6.7	5.8	4.5	4.3	4.0
\$25 mil.-\$50 mil.....	.2	.2	.2	.3	.3	.3	6.0	5.7	5.1	4.5	4.5	4.3
\$50 mil.-\$100 mil.....	.1	.1	.1	.2	.2	.2	6.6	6.1	5.5	5.0	5.0	5.0
\$100 mil.-\$250 mil.....	.1	.1	.1	.1	.1	.1	9.9	9.6	8.4	7.7	7.7	7.3
\$250 mil. and over.....	.1	.1	.1	.1	.1	.1	45.8	50.0	58.1	65.1	65.8	66.5

¹ Includes returns with zero assets.

Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual.

NO. 921. ACTIVE CORPORATIONS—INCOME TAX RETURNS, BY ASSET SIZE AND INDUSTRY: 1977

[In billions of dollars, except as indicated. See headnote and footnotes, table 448. See also *Historical Statistics, Colonial Times to 1970*, series V 167-183 and V 193-196]

INDUSTRY, AND ITEM	Total	ASSET SIZE-CLASS					
		Under 10 mil. dol. ¹	10- 24.9 mil. dol.	25- 49.9 mil. dol.	50- 99.9 mil. dol.	100- 249.9 mil. dol.	250 mil. dol. and over
All industrial divisions: ²							
Number of returns	2,241,887	2,213,212	13,628	6,524	3,788	2,530	2,205
Total assets or liabilities	5,326.4	885.7	215.3	228.4	263.9	389.5	3,543.6
Total receipts	4,128.3	1,457.4	198.7	149.8	160.8	235.6	1,926.3
Total deductions ³	3,908.8	1,416.7	189.3	141.6	152.4	222.1	1,786.6
Cost of sales and operations	2,725.0	1,016.7	140.7	100.2	107.4	152.7	1,207.4
Interest and taxes paid	257.1	54.1	10.3	10.6	12.4	18.2	151.7
Depreciation and amortization	108.0	27.1	3.9	3.0	3.2	5.3	65.5
Depletion	5.7	5	2	2	2	3	4.3
Net income less deficit ⁴	218.2	40.4	9.0	7.6	7.8	13.0	141.4
Income tax ⁵	96.3	15.6	4.0	3.4	3.4	5.6	64.3
Percent distribution:							
Number of returns	100.0	98.7	.6	.3	.2	.1	.1
Total assets or liabilities	100.0	12.9	4.0	4.3	5.0	7.3	66.5
Total receipts	100.0	35.3	4.8	3.6	3.9	5.7	46.7
Total deductions	100.0	36.2	4.8	3.6	3.9	5.7	45.8
Cost of sales and operations	100.0	37.3	5.2	3.7	3.9	5.6	44.3
Interest and taxes paid	100.0	21.0	4.0	4.1	4.8	7.1	59.0
Depreciation and amortization	100.0	25.1	3.6	2.8	3.0	4.9	60.6
Depletion	100.0	8.8	3.5	3.5	3.5	5.3	75.4
Net income less deficit ⁴	100.0	18.4	4.1	3.5	3.6	5.9	64.5
Income tax ⁵	100.0	16.2	4.2	3.5	3.5	5.8	66.8
Agriculture, forestry, and fishing:							
Number of returns	65,594	65,456	95	23	9	8	3
Total assets or liabilities	28.9	23.1	1.4	.7	.6	1.3	1.8
Total receipts	35.9	27.9	2.0	1.0	1.2	1.0	2.8
Mining:							
Number of returns	19,216	18,720	256	100	50	43	47
Total assets or liabilities	88.4	10.9	3.9	3.5	3.6	6.2	60.3
Total receipts	96.2	14.2	3.4	2.8	2.4	3.6	69.7
Construction:							
Number of returns	214,745	214,008	517	126	46	33	15
Total assets or liabilities	91.2	60.2	7.7	4.4	3.2	5.1	10.6
Total receipts	181.6	139.3	11.2	6.5	4.0	6.7	13.8
Manufacturing:							
Number of returns	231,149	226,099	2,566	958	578	449	499
Total assets or liabilities	1,182.3	126.1	39.3	33.4	40.6	70.9	872.0
Total receipts	1,653.5	293.4	71.4	55.8	60.6	103.4	1,068.9
Transportation and public utilities:							
Number of returns	85,215	84,237	403	157	91	98	229
Total assets or liabilities	538.8	28.5	8.3	5.7	6.4	15.6	478.3
Total receipts	390.1	49.9	7.6	6.5	7.2	11.9	247.0
Wholesale and retail trade:							
Number of returns	672,394	669,319	1,913	561	318	177	106
Total assets or liabilities	414.7	219.6	28.7	19.4	22.0	26.2	98.7
Total receipts	1,239.9	736.5	78.1	52.4	57.9	71.3	242.6
Finance, insurance, real estate: ⁶							
Number of returns	432,919	415,606	7,310	4,436	2,615	1,685	1,267
Total assets or liabilities	2,861.5	147.4	119.4	155.5	182.1	258.5	1,998.8
Total receipts	405.1	54.1	15.4	17.9	20.8	31.8	265.0
Services:							
Number of returns	516,387	515,510	557	163	81	37	39
Total assets or liabilities	119.3	70.5	8.4	5.8	5.4	6.7	23.5
Total receipts	183.0	139.1	8.3	6.7	6.6	5.6	16.5

¹ Includes returns of corporations with zero assets. ² Includes data not shown separately. ³ Includes deductions not specified. For deductions detail, see table 919. ⁴ Excludes wholly tax-exempt interest but includes income from related foreign corporations considered received for tax purposes only.⁵ Income tax is before deductions for foreign tax, U.S. possessions tax, investment, work incentive (WIN) and new jobs credits. Includes additional tax for tax preferences, taxes from recomputing prior year investment, and work incentive (WIN) credits. ⁶ Includes lessors of real property.Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns, 1977*.

NO. 922. MANUFACTURING CORPORATION ASSETS AND PROFITS, BY ASSET SIZE: 1970 TO 1980

[Corporations and assets as of end of 4th quarter; profit for entire year. Corporations under \$10 million based on sample; \$10 million and over based on complete canvass. For details regarding methodology, see source for fourth quarter, 1980]

YEAR AND ITEM	Unit	Total	ASSET-SIZE CLASS						
			Under \$10 mil.	\$10-\$25 mil.	\$25-\$50 mil.	\$50-\$100 mil.	\$100-\$250 mil.	\$250 mil.-\$1 bil.	\$1 bil. and over
1970 ¹									
Corporations	Number	197,807	² 195,000	1,202	533	366	289	218	102
Assets, total	Mil. dol	578,234	69,101	20,471	20,138	25,946	47,783	112,475	282,320
Percent	Percent	100.0	12.0	3.5	3.5	4.5	8.3	19.5	48.8
Net profit, total ³	Mil. dol	28,572	2,812	811	836	1,101	2,315	5,862	14,882
Percent	Percent	100.0	9.8	2.8	2.9	3.9	8.1	20.5	51.9
1975									
Corporations	Number	(NA)	(NA)	1,750	705	450	392	276	151
Assets, total	Mil. dol	810,910	98,147	31,307	24,720	31,395	62,524	139,113	423,705
Percent	Percent	100.0	12.1	3.9	3.0	3.9	7.7	17.2	52.3
Net profit, total ³	Mil. dol	49,135	6,212	1,831	1,327	1,676	3,553	8,165	26,370
Percent	Percent	100.0	12.6	3.7	2.7	3.4	7.2	16.6	53.7
1977									
Corporations	Number	(NA)	(NA)	809	501	409	327	174	174
Assets, total	Mil. dol	962,996	102,241	35,603	28,595	35,032	63,590	160,107	537,830
Percent	Percent	100.0	10.6	3.7	3.0	3.6	6.6	16.6	55.8
Net profit, total ³	Mil. dol	70,366	8,683	2,189	1,867	2,252	4,401	11,206	39,769
Percent	Percent	100.0	12.3	3.1	2.7	3.2	6.3	15.9	56.5
1978									
Corporations	Number	(NA)	(NA)	1,780	802	518	408	320	181
Assets, total	Mil. dol	1,086,433	114,006	38,358	30,813	37,429	66,907	164,958	633,963
Percent	Percent	100.0	10.5	3.5	2.8	3.4	6.2	15.2	58.4
Net profit, total ³	Mil. dol	81,185	9,417	2,487	2,264	2,602	4,712	12,311	47,381
Percent	Percent	100.0	11.6	3.1	2.8	3.2	5.8	15.2	58.4
1979									
Corporations	Number	(NA)	(NA)	1,918	979	571	470	341	225
Assets, total	Mil. dol	1,242,985	124,853	42,007	34,082	40,336	73,172	169,599	758,937
Percent	Percent	100.0	10.0	3.4	2.7	3.2	5.9	13.6	61.1
Net profit, total ³	Mil. dol	98,698	10,119	2,720	2,347	2,898	5,347	13,412	61,854
Percent	Percent	100.0	10.3	2.8	2.4	2.9	5.4	13.6	62.7
1980									
Corporations	Number	(NA)	(NA)	1,777	941	590	491	369	244
Assets, total	Mil. dol	1,384,474	126,639	43,569	34,930	41,863	75,284	179,959	882,129
Percent	Percent	100.0	9.1	3.1	2.5	3.0	5.4	13.0	63.7
Net profit, total ³	Mil. dol	92,443	7,770	2,295	1,904	2,479	4,532	11,485	62,041
Percent	Percent	100.0	8.4	2.4	2.1	2.7	4.9	12.4	67.1

NA Not available. ¹ Source: U.S. Securities and Exchange Commission. ² Data derived from U.S. Internal Revenue Service, *Statistics of Income*, annual. ³ After taxes.

Source: Except as noted, U.S. Federal Trade Commission, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations*.

NO. 923. LARGEST INDUSTRIAL CORPORATIONS—SALES, ASSETS, NET INCOME, AND EMPLOYEES, BY GROUP RANK: 1970 TO 1980

[Sales, assets, and net income in billions of dollars; employees in thousands, except percent. Excludes large privately owned companies that do not publish sales. Includes service and rental revenues, but companies must derive more than 50 percent of revenues from manufacturing or mining for years ending not later than Dec. 31 of year stated, except 1980, no later than January; excludes excise taxes collected by manufacturer]

RANK BY SALES GROUP	SALES			ASSETS ¹			NET INCOME ²			EMPLOYEES ³		
	1970	1975	1980	1970	1975	1980	1970	1975	1980	1970	1975	1980
First 500 largest.....	463.9	865.2	1,650.3	432.1	668.5	1,175.5	21.7	37.8	81.2	14,608	14,413	15,910
Lowest hundred.....	19.9	34.8	55.6	15.8	19.8	32.1	.8	—	—	697	471	493
Second hundred.....	28.8	49.0	81.6	23.2	35.5	55.8	1.1	1.6	3.3	1,044	993	1,038
Third hundred.....	43.6	78.5	137.2	39.0	59.9	101.3	1.4	3.2	6.4	1,500	1,570	1,706
Fourth hundred.....	62.7	141.8	280.6	74.5	113.7	200.8	3.8	6.3	13.0	2,662	2,701	3,090
Highest hundred.....	288.9	561.1	1,115.2	278.6	438.5	784.4	14.5	27.5	62.9	8,706	8,679	9,582
Second 500 largest.....	48.3	82.6	120.0	38.6	60.9	86.9	1.5	3.3	6.0	1,720	1,661	1,702
Percent of total, first 500:												
Lowest hundred.....	4.3	4.0	3.4	3.9	3.0	2.7	3.8	—2.1	—5.4	4.8	3.3	3.1
Second hundred.....	6.2	5.7	4.9	5.4	5.3	4.8	4.9	4.2	4.0	7.1	6.9	6.5
Third hundred.....	9.4	9.1	8.3	9.0	9.0	8.6	6.6	8.5	7.9	10.3	10.9	10.7
Fourth hundred.....	17.8	18.4	15.8	17.2	17.0	17.1	17.6	16.7	16.0	18.2	18.7	19.4
Highest hundred.....	62.3	64.9	67.6	64.5	65.7	66.7	67.1	72.8	77.5	60.0	60.2	60.2

¹ Total assets employed in business at end of fiscal year, less depreciation and depletion. ² After taxes, special charges, and credits. Minus sign (—) indicates net loss. ³ As of year end, or yearly average.

Source: Time, Inc., New York, N.Y., *The Fortune Directory*, May and June issues. (Copyright.)

**NO. 924. FIXED NONRESIDENTIAL BUSINESS CAPITAL—COST VALUATION IN CURRENT AND CONSTANT
(1972) DOLLARS: 1960 TO 1980**

[In billions of dollars. Stocks as of Dec. 31; depreciation over entire calendar year. Data refer to privately owned assets and are based on the fixed capital formation components of the gross national product. Excludes residential capital and government enterprises; includes nonprofit institutions. Gross stocks allow for retirement; net stocks allow for retirement and depreciation. Estimates are based on straight-line depreciation and 85 percent of service lives given in *Bulletin F*, Internal Revenue Service. For single-year figures prior to revisions issued in 1981 and data in constant (1958) dollars, see *Historical Statistics of the United States, Colonial Times to 1970*, series F 480-527]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
CURRENT DOLLARS											
All industries: ¹											
Gross stocks	685.9	851.6	1,363.6	1,822.6	2,262.1	2,470.6	2,670.8	3,003.9	3,410.3	3,899.6	4,501.1
Equipment	336.4	411.5	645.1	826.9	1,010.8	1,157.9	1,277.7	1,433.6	1,612.6	1,816.0	2,125.3
Structures	349.5	440.1	718.6	995.7	1,251.3	1,313.3	1,393.0	1,570.3	1,797.7	2,083.6	2,375.8
Net stocks	380.2	487.2	807.3	1,078.4	1,334.7	1,440.8	1,542.8	1,726.8	1,954.4	2,232.2	2,561.8
Equipment	181.9	226.7	368.9	471.2	576.0	651.4	712.5	797.6	896.1	1,008.4	1,171.2
Structures	198.3	260.5	438.4	607.3	758.7	789.4	830.3	929.3	1,058.3	1,223.8	1,390.6
Depreciation	36.2	43.9	69.8	90.7	106.9	126.8	139.0	154.4	174.9	199.5	229.6
Equipment	24.8	30.0	47.5	60.9	70.2	84.8	94.7	106.0	119.4	135.4	154.9
Structures	11.4	13.9	22.2	29.9	36.7	42.0	44.4	48.3	55.5	64.0	74.7
Manufacturing:											
Gross stocks	179.4	217.2	343.6	429.5	529.2	577.3	623.0	703.1	797.7	909.5	1,063.4
Equipment	103.3	126.1	198.1	242.0	299.4	348.3	386.0	438.7	497.9	569.0	678.6
Structures	76.1	91.1	145.5	187.4	229.7	229.1	237.0	264.4	299.8	340.4	384.7
Net stocks	95.6	116.4	191.2	236.1	292.7	319.3	343.9	387.3	437.8	498.3	580.2
Equipment	54.7	68.2	112.3	136.0	170.4	196.2	219.0	246.8	281.8	321.8	381.4
Structures	40.9	48.1	78.9	100.0	122.3	121.2	124.8	138.5	156.1	176.5	198.7
Depreciation	10.0	12.0	18.9	23.0	26.5	31.6	34.5	38.5	43.5	49.8	57.7
Equipment	7.3	8.8	14.0	16.7	19.0	23.3	26.1	29.5	33.4	38.3	44.7
Structures	2.7	3.1	4.9	6.3	7.5	8.3	8.4	8.9	10.0	11.5	13.0
Nonfarm nonmfg:											
Gross stocks	452.6	570.4	927.2	1,271.8	1,581.5	1,728.6	1,866.0	2,094.2	2,375.3	2,718.1	3,127.1
Equipment	199.6	246.7	394.9	519.4	629.9	716.4	787.1	877.4	981.8	1,097.1	1,277.7
Structures	253.0	323.7	532.3	752.4	951.7	1,012.2	1,078.9	1,216.8	1,393.5	1,621.1	1,849.4
Net stocks	255.0	335.0	563.1	772.9	954.8	1,026.4	1,093.9	1,219.9	1,379.4	1,577.1	1,804.1
Equipment	109.9	138.0	228.3	299.2	360.3	401.5	434.9	483.1	540.7	604.1	698.4
Structures	145.1	196.9	334.7	473.7	594.5	624.9	658.9	736.8	838.7	973.0	1,105.7
Depreciation	23.0	28.3	45.7	61.4	72.8	86.2	94.6	104.7	118.8	135.2	155.2
Equipment	14.8	18.2	29.4	39.2	45.4	54.5	60.6	67.5	75.9	85.7	97.1
Structures	8.2	10.1	16.2	22.2	27.4	31.7	34.0	37.2	42.9	49.5	58.1
CONSTANT (1972) DOLLARS											
All industries: ¹											
Gross stocks	977.9	1,155.3	1,452.6	1,642.8	1,714.7	1,766.9	1,821.9	1,888.0	1,963.6	2,045.4	2,116.8
Equipment	427.4	504.8	665.1	774.3	819.2	850.7	885.4	929.4	979.7	1,032.1	1,076.0
Structures	550.5	650.5	787.5	868.5	895.5	916.1	936.5	958.6	983.9	1,013.3	1,040.9
Net stocks	543.2	662.9	860.1	971.1	1,012.4	1,033.7	1,056.9	1,089.5	1,129.5	1,174.6	1,208.9
Equipment	229.7	276.9	379.7	441.3	467.8	480.4	495.7	519.2	547.5	577.1	597.9
Structures	313.6	386.0	480.3	529.8	544.6	553.3	561.2	570.3	582.0	597.5	611.0
Depreciation	49.5	58.2	76.2	87.3	92.1	96.1	99.6	103.8	108.8	114.3	119.5
Equipment	31.8	37.3	50.8	59.5	63.4	66.6	69.4	73.0	77.2	81.8	86.0
Structures	17.7	20.9	25.4	27.8	28.7	29.5	30.1	30.8	31.6	32.5	33.5
Manufacturing:											
Gross stocks	263.9	296.0	363.6	391.3	407.7	420.1	433.6	450.8	469.3	490.1	508.5
Equipment	136.2	157.3	204.4	227.8	241.5	253.0	265.4	281.0	296.0	317.3	334.4
Structures	127.7	138.7	159.1	163.6	166.2	167.1	168.2	169.7	171.3	172.8	174.1
Net stocks	140.4	158.1	202.2	215.3	225.9	232.7	239.7	249.2	259.1	270.7	279.5
Equipment	71.9	84.8	115.8	128.0	137.4	144.3	151.1	160.3	169.9	181.1	189.6
Structures	68.6	73.2	86.3	87.3	88.5	88.4	88.6	88.9	89.2	89.6	89.9
Depreciation	14.1	15.9	20.4	22.1	23.0	24.0	25.0	26.2	27.6	29.2	30.8
Equipment	9.6	11.1	14.8	16.3	17.1	18.0	19.0	20.1	21.5	23.0	24.6
Structures	4.4	4.8	5.6	5.8	5.9	6.0	6.0	6.1	6.1	6.2	6.2
Nonfarm nonmfg:											
Gross stocks	635.2	772.8	988.7	1,142.0	1,193.3	1,228.5	1,265.1	1,309.0	1,361.0	1,417.3	1,466.7
Equipment	246.5	299.6	405.0	485.8	514.6	532.0	551.6	577.3	608.1	638.8	664.0
Structures	388.6	473.2	583.7	656.2	678.7	696.5	713.5	731.7	752.9	778.5	802.7
Net stocks	359.2	456.1	600.7	693.2	721.1	732.6	745.8	765.8	793.2	824.2	848.4
Equipment	134.8	166.9	233.8	280.0	295.3	299.4	306.2	319.1	336.6	354.0	366.2
Structures	224.4	289.2	366.9	413.2	425.7	433.2	439.6	446.7	456.6	470.2	482.1
Depreciation	30.9	37.5	50.1	59.1	62.7	65.4	67.7	70.4	73.7	77.3	80.6
Equipment	18.5	22.5	31.5	38.4	41.3	43.3	45.0	47.1	49.8	52.6	55.1
Structures	12.4	15.0	18.5	20.7	21.5	22.1	22.7	23.3	23.9	24.7	25.6

¹ Includes farm, not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, February 1981.

NO. 925. FIXED NONRESIDENTIAL BUSINESS CAPITAL—AVERAGE AGE OF GROSS STOCKS, CONSTANT (1972) COST VALUATION: 1960 TO 1980

[Age in years. As of Dec. 31. See headnote, table 924, and *Historical Statistics, Colonial Times to 1970*, series F 516-527]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
All Industries: Gross stocks	12.0	11.2	10.3	10.1	10.0	10.1	10.1	10.1	10.1	10.1	10.1
Equipment.....	7.1	7.0	6.5	6.3	6.3	6.4	6.4	6.4	6.4	6.3	6.4
Structures.....	15.9	14.5	13.5	13.4	13.4	13.5	13.7	13.8	13.9	13.9	14.0
Manufacturing: Gross stocks	10.8	10.7	9.8	9.8	9.7	9.6	9.5	9.5	9.4	9.3	9.2
Equipment.....	7.3	7.2	6.6	6.7	6.6	6.6	6.6	6.5	6.5	6.5	6.5
Structures.....	14.5	14.6	14.0	14.2	14.2	14.3	14.3	14.3	14.4	14.4	14.5
Nonfarm nonmfg.: Gross stocks	12.7	11.5	10.4	10.1	10.1	10.2	10.3	10.4	10.4	10.4	10.4
Equipment.....	7.0	6.9	6.4	6.2	6.1	6.3	6.3	6.3	6.3	6.2	6.3
Structures.....	16.3	14.3	13.2	13.0	13.1	13.2	13.4	13.6	13.7	13.7	13.8
Farm: Gross stocks	11.0	10.8	10.5	10.5	10.4	10.4	10.3	10.3	10.3	10.3	10.5
Equipment.....	7.0	7.2	6.7	6.6	6.5	6.4	6.4	6.4	6.4	6.4	6.6
Structures.....	16.1	15.4	15.2	15.4	15.4	15.3	15.3	15.2	15.1	15.1	15.2

Source: U.S. Bureau of Economic Analysis, unpublished data.

NO. 926. GROSS PRIVATE DOMESTIC INVESTMENT IN CURRENT AND CONSTANT (1972) DOLLARS: 1970 TO 1980

[In billion of dollars]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980
CURRENT DOLLARS									
Gross private domestic investment	144.2	230.0	228.7	206.1	257.9	322.3	375.3	415.8	395.3
Less: Capital consumption allowances ¹	88.1	116.5	136.0	159.3	175.0	196.0	221.2	253.6	287.3
Equals: Net private domestic investment	56.2	113.3	92.7	46.8	82.8	126.3	154.2	162.2	108.1
Fixed Investment	141.0	211.3	214.5	213.0	246.0	301.3	353.2	398.3	401.2
Nonresidential.....	103.9	143.3	156.6	157.7	174.1	205.5	242.0	279.7	296.0
Structures.....	38.7	51.0	55.9	55.4	58.8	64.6	78.7	96.3	108.8
Producers' durable equipment.....	65.2	92.3	100.7	102.3	115.3	140.9	163.3	183.4	187.1
Residential.....	37.1	68.0	57.9	55.3	72.0	95.8	111.2	118.6	105.3
CONSTANT (1972) DOLLARS									
Gross private domestic investment	158.5	217.5	195.5	154.8	184.5	213.5	229.7	232.6	203.6
Less: Capital consumption allowances ¹	96.1	110.8	116.1	120.8	125.1	130.3	135.0	141.6	147.5
Equals: Net private domestic investment	62.4	106.8	79.3	34.0	59.4	83.2	94.8	91.0	56.1
Fixed Investment	154.8	200.4	183.9	161.5	178.7	201.2	215.8	222.5	206.6
Nonresidential.....	113.8	138.1	135.7	119.3	125.6	140.6	153.4	163.3	158.4
Structures.....	43.9	47.4	43.6	38.3	39.5	40.5	44.6	48.5	48.4
Producers' durable equipment.....	69.9	90.7	92.1	81.1	86.1	100.0	108.8	114.8	110.0
Residential.....	41.0	62.3	48.2	42.2	51.2	60.6	62.4	59.1	48.1

¹ With capital consumption adjustment.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts, 1929-76*, and *1976-79*, and *Survey of Current Business*, August 1981.

NO. 927. CAPITAL STOCK PER HOUR WORKED: 1950 TO 1979

[In 1972 dollars. Represents the "capital/labor ratio"]

INDUSTRY AND 1972 INDUSTRY CODE	1950	1960	1970	1979	INDUSTRY AND 1972 INDUSTRY CODE	1950	1960	1970	1979
Public utilities, 49.....	69.49	109.96	134.42	167.09	Fabricated metals, 34.....	4.17	6.60	7.98	9.30
Petroleum, 29.....	34.25	46.26	63.19	69.60	Rubber and plastics, 30.....	5.86	8.76	9.00	8.86
Communication, 48.....	21.14	35.89	50.07	67.06	Finance and insurance, 60-64.....	5.15	6.57	8.65	10.56
Transportation, 41-47.....	34.56	44.13	43.29	37.60	Lumber and wood, 24.....	5.93	4.16	6.25	7.84
Primary metals, 33.....	13.99	23.31	27.46	29.65	Instruments, 38.....	5.84	6.19	7.47	7.52
Mining, 10-14.....	21.02	27.35	30.95	21.93	Textiles, 22.....	3.64	7.32	8.47	9.43
Tobacco, 21.....	17.21	22.63	23.93	35.93	Electric machinery, 36.....	4.99	4.80	7.24	8.47
Chemicals, 28.....	15.10	20.17	22.42	28.73	Printing and publishing, 27.....	5.01	4.84	6.26	7.01
Paper, 26.....	14.07	15.48	18.02	22.03	Wholesale, retail trade, 50-59.....	4.37	5.26	6.72	7.33
Stone, clay, glass, 32.....	8.29	12.22	14.55	15.29	Construction, 15-17.....	1.98	3.03	4.57	3.39
Transportation equipment, 37.....	6.84	8.26	11.91	13.48	Furniture and fixtures, 25.....	4.24	3.84	4.49	5.02
Nonelectric machinery, 35.....	8.78	8.40	10.42	11.72	Leather, 31.....	2.70	2.42	3.04	3.58
Food, 20.....	8.95	9.67	10.72	13.06	Apparel, 3.....	1.88	1.51	2.48	2.98
Services, 70-89.....	5.80	6.54	9.74	9.21					

Source: The Conference Board, New York, N.Y., *Economic Road Maps*, monthly. (Copyright.)

No. 928. AVERAGE ANNUAL GROWTH RATE OF PHYSICAL CAPITAL PER HOUR WORKED IN PRIVATE BUSINESS: 1948 TO 1980

[In percent. Rates based on capital valued in constant (1972) dollars. Excludes nonprofit institutions and government enterprises; see also headnote, table 924. Minus sign (-) denotes decrease]

ITEM	1948-1965	1965-1973	1973-1978	1978-1980	1973-1974	1974-1975	1975-1976	1976-1977	1977-1978	1978-1979	1979-1980
Total net.....	2.6	2.8	1.2	1.7	3.3	6.9	-1.1	-1.3	-1.7	-1	3.3
Equipment.....	3.7	4.6	2.9	3.1	5.5	8.3	.1	.4	.1	1.8	4.5
Structures.....	2.3	2.2	.2	1.0	1.8	6.8	-1.9	-2.6	-3.1	-1.0	3.1
Inventories.....	2.9	3.2	.9	-1	3.4	3.1	-5	-3	-1.0	-6	.6
Land.....	1.1	-4	-3	-1	.7	6.7	-1.8	-2.9	-3.9	-2.4	2.2

Source: U.S. Bureau of Labor Statistics, and Bureau of Economic Analysis, unpublished data.

No. 929. BUSINESS EXPENDITURES FOR NEW PLANT AND EQUIPMENT: 1960 TO 1981

[In billions of dollars, except percent. Excludes expenditures of agricultural business and current account outlays. Based on sample and subject to sampling variability; see text, p. 532. These figures do not agree with the fixed nonresidential investment data mainly because those data exclude investments for equipment, and include investment by farmers and certain outlays to current account. Minus sign (-) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series V 306-332]

INDUSTRY	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981 ¹
Total nonfarm business.....	48.63	70.43	105.61	156.98	157.71	171.45	198.08	231.24	270.46	295.63	320.51
Manufacturing.....	16.36	25.41	36.99	53.21	54.92	59.95	69.22	79.72	98.68	115.81	127.88
Durable goods ²	8.28	13.49	19.80	27.44	26.33	28.47	34.04	40.43	51.07	58.91	63.99
Primary metals.....	1.78	2.57	3.24	4.51	5.81	5.76	5.44	5.74	6.76	7.71	8.40
Electrical machinery ³	1.02	1.69	3.49	3.85	3.14	3.66	4.67	5.69	7.28	9.59	11.07
Machinery ⁴	1.21	2.24	3.78	5.23	4.96	5.53	6.59	7.21	10.52	11.59	13.09
Transportation equip.....	1.94	3.74	4.65	6.86	5.92	6.39	9.06	12.02	15.32	18.16	18.79
Percent motor veh.....	75.6	80.2	65.6	62.6	56.6	56.7	64.2	60.0	54.2	49.9	51.5
Nondurable goods ²	8.09	11.92	17.19	25.76	28.59	31.47	35.18	39.29	47.61	56.90	63.89
Food and beverage.....	1.35	1.87	3.32	4.03	4.02	4.80	5.12	5.97	6.62	7.39	8.41
Paper.....	.77	1.07	1.74	2.89	2.98	3.11	3.60	3.99	5.55	6.80	6.75
Chemicals.....	1.59	2.82	3.98	6.47	7.63	8.12	8.14	8.48	10.78	12.60	12.62
Petroleum.....	2.89	3.88	5.16	7.31	9.59	10.77	12.69	13.95	16.21	20.69	26.22
Nonmanufacturing.....	32.28	45.02	68.62	103.78	102.79	111.50	128.87	151.52	171.77	179.81	192.62
Mining.....	1.29	1.35	2.02	4.62	6.10	7.44	9.24	10.21	11.38	12.51	16.91
Transportation.....	3.19	5.46	6.95	8.23	8.68	8.89	9.40	10.68	12.35	12.09	12.14
Public utilities.....	5.40	6.49	13.03	19.93	19.99	22.37	26.79	29.95	33.96	35.44	37.26
Electric.....	3.65	4.78	10.56	16.64	16.65	18.75	22.23	24.63	27.65	28.12	28.93
Gas and other.....	1.84	1.73	2.46	3.19	3.33	3.62	4.56	5.32	6.31	7.32	8.33
Trade and services.....	16.15	22.13	29.77	47.79	46.23	49.30	56.54	68.66	79.26	81.78	85.22
Comm. and other ⁵	6.25	9.58	16.85	23.30	21.80	23.51	26.90	32.02	34.83	36.99	41.09
Average annual percent change: ⁶											
Total nonfarm bus.....	7.58	7.8	8.4	10.4	.5	8.7	15.5	16.7	17.0	9.3	8.4
Manufacturing.....	7.56	9.2	7.7	9.5	3.2	9.2	15.5	15.2	23.8	17.4	10.4
Nonmanufacturing.....	7.59	6.9	8.8	10.9	-1.0	8.5	15.6	17.6	13.4	4.7	7.1

¹ Estimates based on expected capital expenditures as reported by business in late April and May 1981. ² Includes industries not shown separately. ³ Includes equipment. ⁴ Excludes electrical. ⁵ Includes construction; social services and membership organizations; and forestry, fisheries, and agricultural services. ⁶ Change from prior year shown here; e.g., 1965 from 1960, except as noted. For explanation of average annual percent change, see Guide to Tabular Presentation. ⁷ Change from 1955.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, monthly.

No. 930. DETERMINANTS OF BUSINESS FIXED INVESTMENT: 1960 TO 1980

[Percent, except as noted. 1980 preliminary. GNP=Gross national product]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Real investment as percent of real GNP.....	9.1	10.5	10.5	10.2	11.0	10.9	9.7	9.7	10.3	10.7	11.0	10.7
Capacity utilization rate in mfg. ¹	80.2	89.6	79.3	83.5	87.6	83.8	72.9	79.5	81.9	84.4	85.7	79.0
Nonfinancial corporations:												
Cash flow as percent of GNP ²	8.9	10.6	7.8	8.6	8.0	7.0	9.0	9.3	9.6	9.3	8.8	8.6
Rate of return before taxes—												
On depreciable assets ³	11.2	16.2	9.5	10.7	10.8	8.0	8.8	9.5	10.1	9.8	8.9	7.7
On stockholders' equity ⁴	9.9	15.5	8.9	11.3	14.5	13.3	9.5	9.5	11.2	11.9	12.1	9.9
Ratio of market value to replacement cost of net assets ⁵	.96	1.25	.86	1.01	.93	.86	.66	.74	.65	.60	.56	.53

¹ Federal Reserve Board Index. For capacity by stage of processing, see table 1409. ² Cash flow defined as after-tax profits plus capital consumption allowance plus inventory valuation adjustment. ³ Profits plus capital consumption adjustment and inventory valuation adjustment plus net interest paid divided by the stock of depreciable assets valued at current replacement cost. ⁴ Profits corrected for inflation effects divided by net worth (physical capital component valued at current replacement cost). ⁵ Equity plus interest-bearing debt divided by current replacement cost of net assets.

Source: U.S. Council of Economic Advisers, *Economic Report of the President*, annual. Data from U.S. Bureau of Economic Analysis and the Board of Governors of the Federal Reserve System.

NO. 931. COMPOSITE INDEXES OF CYCLICAL INDICATORS: 1970 TO 1980

[1980 figures are preliminary. See source for discussion of composite indexes. Minus sign (-) denotes decrease]

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
LEADING INDICATORS										
Composite index, 1967=100	104.4	124.9	131.8	122.1	114.8	128.8	136.4	141.8	140.1	131.3
Indexes:										
Net business formation, 1967=100	107.1	115.5	115.5	111.2	108.8	117.2	126.5	132.9	131.7	121.1
Building permits, 1967=100	118.1	192.2	157.1	92.2	80.9	111.8	144.9	145.4	123.6	96.6
Common stock prices, 1941-43=100	83.2	109.2	107.4	82.8	86.2	102.0	98.2	96.0	103.0	118.8
Percent—										
Layoff rate, manufacturing	1.8	1.1	.9	1.5	2.1	1.3	1.1	.9	1.1	1.7
Change in sensitive prices ³	.4	.8	1.9	2.5	.1	.9	.5	1.2	2.0	1.5
Change in total liquid assets ⁴	.5	1.0	1.0	.8	.8	.9	1.0	1.0	1.0	.8
Vendor companies reporting slower deliveries	51	63	88	66	30	54	55	64	83	40
Avg. workweek, manufacturing ⁵ (hours)	39.8	40.5	40.7	40.0	39.5	40.1	40.3	40.4	40.2	39.7
Net change in inventories (1972 dol.) ⁶ (bil. dol.)	1	13	28	(2)	-19	10	14	21	7	-9
Plant and equip. contracts and orders (1972 dol.) (bil. dol.)	105	122	149	149	117	132	146	172	182	167
New orders, manufacturing, consumer goods and materials (1972 dol.) (bil. dol.)	327	388	434	396	342	391	433	459	451	405
Money supply (M2) ⁷ (1972 dols.) (bil. dol.)	648	759	786	753	754	808	857	867	849	814
COINCIDENT INDICATORS										
Composite index, 1967=100	108.8	118.1	127.4	125.3	115.5	123.7	131.3	140.1	145.1	140.4
Industrial production index, 1967=100	107.8	119.7	129.8	129.3	117.8	130.5	138.2	146.1	152.5	147.1
Employees, nonagric. payrolls (mil.)	70.9	73.7	76.8	78.3	76.9	79.4	82.5	86.7	89.8	90.6
Personal income less transfer pmts. (1972 dol.) (bil. dol.)	790	847	895	883	888	909	954	1,005	1,044	1,043
Sales, mfg. and trade (1972 dol.) (bil. dol.)	1,380	1,559	1,677	1,662	1,558	1,671	1,772	1,878	1,913	1,840
LAGGING INDICATORS										
Composite index, 1967=100	115.5	107.0	122.9	138.9	126.5	119.8	125.4	143.1	166.4	176.8
Index of labor cost, 1967=100	112.5	113.4	117.4	127.9	143.6	145.2	154.1	164.2	175.8	195.1
Percent—										
Ratio, consumer installment debt to personal income	12.6	13.0	13.5	13.2	12.6	12.9	13.8	14.5	14.8	14.1
Average prime rate charged by banks	7.9	5.2	8.0	10.8	7.9	6.8	6.8	9.1	12.7	15.3
Average unemployment duration (wks.)	8.6	12.0	10.0	8.8	14.2	15.8	14.3	11.8	10.8	11.8
Inventories, mfg. and trade (1972 dol.) (bil. dol.)	197	208	220	227	217	235	246	258	265	263
Commercial and industrial loans outstanding (bil. dol.)	85	80	97	118	118	109	113	126	147	164

Z Less than \$500,000,000. ¹ New private housing units authorized. ² Standard and Poor, 500 stocks. ³ Producer price index, crude materials. ⁴ Weighted 4-term moving average placed at the terminal month of the span. ⁵ Production workers. ⁶ Changes in book value. ⁷ See table 871. ⁸ Cost per unit of output in manufacturing.

Source: U.S. Bureau of Economic Analysis, *Business Conditions Digest*, monthly.

NO. 932. INTERNATIONAL COMPOSITE INDEXES: 1960 TO 1980

[Average annual percent changes. 1970=100. Minus sign (-) denotes decrease]

YEARS	Total	United States	Canada	France	Italy	Japan	United Kingdom	West Germany
LEADING INDEX								
1960-1965	4.5	5.3	5.9	4.6	3.4	4.3	1.3	2.8
1965-1970	2.6	.8	3.0	5.5	5.2	11.5	1.0	3.1
1970-1975	3.2	2.8	6.2	3.9	3.8	4.3	1.7	2.4
1975-1980	5.1	3.8	6.1	5.7	4.2	11.3	2.5	5.2
1974-1975	-3.6	-2.9	-1.2	-6.8	2.0	-12.8	-7	2.1
1975-1976	10.0	11.0	3.9	7.4	3.5	18.3	6.4	7.7
1976-1977	4.8	6.7	3.6	2.0	2.1	1.6	5.0	2.5
1977-1978	4.4	4.0	7.3	4.9	3.9	7.0	1.0	4.0
1978-1979	6.3	2.1	11.5	9.4	5.1	21.1	2.8	8.4
1979-1980	.4	-4.4	4.2	4.7	6.4	11.6	-2.5	3.5
COINCIDENT INDEX								
1960-1965	6.1	5.2	5.9	9.3	3.8	13.7	4.8	6.4
1965-1970	5.0	3.9	4.5	6.0	5.8	13.1	2.5	5.3
1970-1975	2.4	1.6	5.4	3.9	2.4	4.5	2.3	1.6
1975-1980	3.9	4.4	2.8	3.4	3.4	3.8	2.0	4.0
1974-1975	-4.9	-6.6	.6	-5.0	-4.3	-2.1	-3.4	-2.4
1975-1976	5.6	7.3	4.8	4.9	4.4	4.4	.2	3.9
1976-1977	5.0	6.5	1.6	3.8	.9	4.8	1.9	3.6
1977-1978	5.8	7.3	3.0	2.7	2.2	4.7	5.9	4.0
1978-1979	4.2	4.2	3.9	3.6	4.8	4.1	4.7	5.1
1979-1980	-8	-2.8	.9	2.4	4.9	1.3	-2.5	3.1

Source: Rutgers Center for International Business Cycle Research, Newark, New Jersey, *International Economic Indicators*, monthly.

No. 933. BUSINESS CYCLE EXPANSIONS AND CONTRACTIONS—MONTHS OF DURATION: 1919 TO 1980

[The lower turning point of a cycle is considered a trough, the upper turning point a peak. Business cycle reference data are determined by the National Bureau of Economic Research, Inc.]

BUSINESS CYCLE REFERENCE DATE		Contraction (trough from previous peak)	Expansion (trough to peak)	LENGTH OF CYCLE (mo.)	
Trough	Peak			Trough from previous trough	Peak from previous peak
March 1919.....	January 1920.....	7	10	51	17
July 1921.....	May 1923.....	18	22	28	40
July 1924.....	October 1926.....	14	27	36	41
November 1927.....	August 1929.....	13	21	40	34
March 1933.....	May 1937.....	43	50	64	93
June 1938.....	February 1945.....	13	80	63	93
October 1945.....	November 1948.....	8	37	88	45
October 1949.....	July 1953.....	11	45	48	56
May 1954.....	August 1957.....	10	39	55	49
April 1958.....	April 1960.....	8	24	47	32
February 1961.....	December 1969.....	10	106	34	116
November 1970.....	November 1973.....	11	38	117	47
March 1975.....	January 1980.....	16	58	52	74
July 1980.....		6	(x)	64	(x)
Average, all cycles:					
1919-1945 (6 cycles).....					
1945-1980 (7 cycles).....					
Average, peacetime cycles:					
1919-1945 (5 cycles).....					
1945-1980 (5 cycles).....					

X Not applicable.

Source: U.S. Bureau of Economic Analysis, *Business Conditions Digest*, July 1981.

No. 934. MANUFACTURING AND TRADE—SALES AND INVENTORIES IN CURRENT AND CONSTANT (1972)

DOLLARS: 1960 TO 1980

[In billions of dollars, except ratios. See *Historical Statistics, Colonial Times to 1970*, series V78-107, for single year figures prior to revisions issued in 1981]

ITEM	1960	1965	1970 ¹	1974	1975	1976	1977	1978	1979	1980
CURRENT DOLLARS										
Sales, average monthly.....	61	80	107	178	182	204	227	256	295	321
Manufacturing.....	31	41	53	85	87	99	111	125	144	154
Retail trade.....	18	24	31	45	49	55	60	67	75	80
Merchant wholesalers.....	12	16	24	48	47	51	56	65	76	87
Inventories ²	95	121	178	286	287	314	342	384	431	462
Manufacturing.....	54	68	102	159	158	170	180	198	242	258
Retail trade.....	27	34	44	71	72	79	89	102	109	112
Merchant wholesalers.....	14	18	33	57	57	64	72	83	94	106
Inventory-sales ratio ³	1.56	1.45	1.62	1.45	1.56	1.47	1.44	1.41	1.44	1.45
Manufacturing.....	1.75	1.60	1.90	1.65	1.83	1.66	1.59	1.52	1.58	1.65
Retail trade.....	1.45	1.39	1.41	1.46	1.44	1.38	1.39	1.42	1.44	1.39
Merchant wholesalers.....	1.22	1.15	1.29	1.07	1.21	1.19	1.21	1.21	1.17	1.15
CONSTANT (1972) DOLLARS ⁴										
Sales, average monthly.....	76	98	116	140	131	141	150	159	182	188
Manufacturing.....	38	50	56	68	62	67	71	76	77	73
Retail trade.....	23	28	34	39	40	42	45	46	47	46
Merchant wholesalers.....	15	19	26	33	30	31	34	36	38	37
Inventories.....	120	149	194	233	225	235	246	258	265	263
Manufacturing.....	70	87	113	131	127	131	134	139	146	145
Retail trade.....	30	37	46	58	56	59	63	67	67	65
Merchant wholesalers.....	20	25	35	44	42	45	49	52	53	53
Inventory-sales ratios ⁵	1.60	1.48	1.70	1.74	1.68	1.64	1.61	1.59	1.65	1.66
Manufacturing.....	1.86	1.69	2.08	2.03	2.02	1.92	1.84	1.80	1.92	1.96
Retail trade.....	1.32	1.26	1.37	1.52	1.37	1.36	1.38	1.41	1.41	1.41
Merchant wholesalers.....	1.37	1.27	1.33	1.42	1.42	1.43	1.43	1.39	1.39	1.39

¹ Beginning 1970, data not comparable with earlier years due to revised procedures. ² Book value; seasonally adjusted end-of-year data. See text, page 532. ³ Average inventories to average monthly sales. Average inventories based on weighted averages of end-of-month figures. ⁴ Source: 1960 to 1976, U.S. Bureau of Economic Analysis, *Business Statistics*, annual; thereafter, *Survey of Current Business*, July issues. ⁵ End of fourth qtr. inventories to average mo. sales for fourth qtr.

Source: Except as noted, U.S. Bureau of the Census, *Current Business Reports*, monthly.

**NO. 935. 500 LARGEST INDUSTRIAL CORPORATIONS—SELECTED FINANCIAL ITEMS, BY INDUSTRY:
1979 TO 1980**

[Figures are medians based on sales rank in 1979 and 1980. See headnote, table 923. Minus sign (—) denotes decrease. For definition of median, see Guide to Tabular Presentation]

SIC ¹ code	INDUSTRY	CHANGES IN PROFITS (percent)		SALES PER EMPLOYEE (\$1,000)		SALES PER DOLLAR OF STOCKHOLD- ER'S EQUITY (dol.)		RETURN ON STOCKHOLD- ER'S EQUITY (percent)		RETURN ON SALES (percent)		TOTAL RETURN TO INVESTORS ² (percent)	
		1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980
(x)	Total	27.3	3.6	71.6	78.1	2.97	3.00	15.9	14.4	5.2	4.8	21.3	21.1
29	Petroleum refining.....	78.3	25.4	356.1	441.5	3.43	4.00	19.1	19.4	6.6	5.5	61.3	53.1
10	Mining, crude-oil production.....	73.2	45.4	129.3	177.7	1.90	2.15	16.7	21.0	8.7	9.2	80.5	34.1
49	Beverages.....	18.9	3.4	92.1	129.4	3.03	2.88	15.7	15.6	5.1	4.8	1.4	18.4
48	Broadcasting ³	9.4	-4.3	99.6	115.9	2.91	3.00	22.2	18.0	8.3	6.5	37.0	12.5
20	Food.....	14.5	10.9	100.2	103.0	4.89	4.58	14.4	14.5	3.0	3.0	15.4	9.8
28	Chemicals.....	24.0	2.7	84.2	100.5	2.46	2.44	15.2	13.9	6.0	5.2	33.9	16.7
33	Metal manufacturing.....	31.4	-7.6	89.6	96.0	2.94	2.81	15.6	12.9	4.6	4.1	20.6	20.7
26	Paper, fiber, wood products.....	25.1	-11.4	82.5	93.9	2.46	2.27	15.9	12.8	6.3	5.0	20.8	17.3
21	Tobacco.....	24.3	15.2	89.7	91.4	2.38	2.51	18.4	19.8	7.7	7.9	14.7	32.5
43	Soaps, cosmetics.....	14.7	7.6	76.6	84.9	2.83	2.90	17.4	16.9	6.4	5.9	-7.0	5.2
37	Transport equipment ⁴	16.1	1.3	74.0	81.1	4.58	4.74	18.1	14.4	4.2	4.1	25.2	35.9
42	Pharmaceuticals.....	15.5	13.8	68.0	73.5	2.01	1.98	18.0	17.9	8.9	9.1	13.6	29.3
27	Publishing, printing.....	15.3	8.9	66.5	71.5	2.27	2.40	17.9	15.9	8.2	6.2	21.6	21.2
32	Glass, concrete, abrasives, gypsum.....	13.2	-13.4	64.7	71.3	2.74	2.63	14.0	11.3	4.9	3.7	15.0	10.5
45	Industrial and farm equipment.....	16.3	9.9	59.7	69.8	2.86	2.65	15.4	13.3	5.4	4.3	17.5	24.0
40	Motor vehicles.....	19.3	-52.7	66.1	68.6	3.80	3.27	15.7	8.1	4.1	2.6	12.0	3.4
34	Metal products.....	21.4	4.0	58.8	67.9	3.19	3.03	16.0	15.3	5.0	4.7	22.1	20.1
41	Aerospace.....	26.6	6.5	55.5	61.7	4.11	4.04	19.2	16.2	4.8	4.1	44.5	40.5
30	Rubber, plastic products.....	17.8	-37.6	60.1	60.6	3.60	3.64	8.2	5.0	2.8	1.5	-6.7	28.1
47	Musical instr., toys, sporting goods.....	7.0	1.6	47.1	59.0	3.15	2.66	12.1	12.6	3.9	3.7	5.1	22.4
38	Measuring, scientific, photo. equip.....	18.1	24.6	45.4	54.4	2.31	2.01	16.1	17.1	6.9	6.9	23.1	25.4
36	Electronics, appliances.....	18.4	16.6	48.0	54.0	3.29	3.10	16.3	16.2	5.2	5.3	19.8	36.1
44	Office equipment (incl. computers).....	24.6	14.2	45.7	49.9	2.30	2.35	15.9	15.1	7.0	6.0	14.7	20.0
22	Textiles, vinyl flooring.....	9.1	-26.5	40.5	46.3	3.16	3.08	11.7	8.1	3.8	2.8	17.4	10.4
23	Apparel.....	21.2	.9	32.9	38.8	3.03	3.49	15.6	12.8	4.4	3.6	14.7	28.2

¹ Standard Industrial Classification. See text, p. 776. ² Includes both price appreciation and dividend yield, i.e., to an investor in the company's stock. ³ Includes motion picture and distribution. ⁴ Excludes motor vehicles and aircraft.

Source: Time, Inc., New York, N.Y., *The Fortune Directory*, May issues. (Copyright).

**NO. 936. FOREIGN-OWNED U.S. FIRMS, BY PERCENT OF FOREIGN OWNERSHIP, BY INDUSTRY, AND BY
COUNTRY: 1979**

[Covers only firms operating at more than one U.S. location and having 50 or more employees. A firm was defined as foreign-owned if ten percent or more of its equity was owned by a foreign entity. Domicile country refers to location of the home office of the owning entity]

ITEM	Firms ¹	Estab- lish- ments ¹	Em- ploy- ment ² (1,000)	Annual payroll (mil. dol.)	DOMICILE COUNTRY	Firms ¹	Estab- lish- ments ¹	Em- ploy- ment ² (1,000)	Annual payroll (mil. dol.)
Total³	1,365	30,962	1,655.8	25,899	All countries	1,365	30,962	1,655.8	25,899
Foreign ownership:					Australia.....	20	232	13.3	197
10-49 percent.....	228	8,648	412.5	6,365	Bahamas.....	6	111	7.4	67
50-99 percent.....	277	8,173	391.3	6,100	Belgium ⁴	33	597	34.2	579
100 percent.....	826	13,736	828.6	13,061	Bermuda.....	20	459	26.7	423
Industry:					Canada.....	218	4,871	206.1	3,264
Agriculture.....	45	233	8.1	102	France.....	96	1,920	114.2	1,858
Mining.....	61	434	45.6	1,137	Germany, Fed. Rep. of.....	131	4,993	302.1	4,632
Construction.....	83	338	42.3	867	Great Britain.....	223	5,923	350.4	5,308
Manufacturing.....	677	4,375	820.3	13,492	Hong Kong.....	14	109	5.4	70
Transportation, communication, public utilities.....	172	1,362	35.3	710	Japan.....	188	1,616	75.1	1,237
Wholesale trade.....	740	7,939	172.9	3,273	Netherlands.....	83	4,587	221.8	3,660
Retail trade.....	164	11,280	318.6	3,085	Neth. Antilles.....	30	1,666	77.3	1,186
Finance, insurance, real estate.....	219	3,705	112.7	2,012	Panama.....	13	152	12.7	219
Services.....	267	1,896	100.1	1,220	Sweden.....	40	443	29.7	493
					Switzerland.....	122	2,086	120.0	1,735
					Other.....	128	1,197	59.4	971

¹ For definition, see text p. 631. ² For week including March 12. ³ Includes percent not specified and industries not shown separately. ⁴ Includes Luxembourg.

Source: U.S. Bureau of the Census, *Selected Characteristics of Foreign-Owned U.S. Firms: 1979*.

NO. 937. CAPITAL EXPENDITURES BY MAJORITY-OWNED FOREIGN AFFILIATES OF U.S. MULTINATIONAL COMPANIES: 1970 TO 1980

[Represents expenditures to acquire, add to, or improve property, plant, and equipment. Data are universe estimates based on Bureau of Economic Analysis' semiannual sample survey. The latest survey, taken in Dec. 1980, covered about 5,000 majority-owned foreign affiliates. See *Survey of Current Business*, July 1980, p. 32]

INDUSTRY AND AREA OR COUNTRY	EXPENDITURES (bil. dol.)							PERCENT OF TOTAL			
	1970	1975	1976	1977	1978	1979	1980	1970	1975	1979	1980
Total ¹	14.1	26.8	24.7	27.5	30.7	38.4	47.8	100.0	100.0	100.0	100.0
Mining and smelting.....	1.2	1.2	.9	.6	.6	.8	1.6	8.5	4.5	1.9	3.3
Petroleum.....	4.0	8.9	7.9	9.3	10.0	11.6	15.0	28.4	33.2	31.1	31.5
Manufacturing ¹	6.5	11.3	10.9	12.7	14.6	18.8	22.9	46.1	42.2	49.8	47.9
Food products.....	.4	.7	.7	.9	1.0	1.2	1.7	2.8	2.6	3.3	3.6
Chemicals and allied products.....	1.2	2.5	2.7	2.4	2.5	3.4	3.6	8.5	9.3	8.4	7.5
Machinery (except electrical).....	1.6	2.8	2.7	3.6	4.4	5.7	6.2	11.3	10.4	14.2	13.0
Electrical machinery.....	.6	.9	.8	1.0	1.1	1.3	1.5	4.3	3.4	3.3	3.1
Transportation equipment.....	1.0	1.4	1.4	1.8	2.2	3.3	5.1	7.1	5.2	9.8	10.7
Trade.....	1.0	2.4	1.6	1.8	2.0	2.4	3.1	7.1	9.0	6.3	6.6
By area of affiliate:											
Developed countries.....	10.1	18.8	17.8	20.4	23.3	29.0	36.0	71.6	70.1	75.1	75.4
Canada.....	3.0	5.0	5.6	6.2	6.2	7.7	10.4	21.3	18.7	21.0	21.9
Europe.....	5.7	11.7	10.5	12.4	14.5	18.6	21.9	40.4	43.7	47.1	45.8
European Communities ²	5.1	9.9	8.8	10.7	12.6	15.9	18.9	36.2	36.9	40.4	39.6
Other Europe.....	.6	1.8	1.6	1.7	2.0	2.6	2.9	4.3	6.7	6.7	6.2
Japan.....	.5	.8	.6	.8	1.1	1.3	1.7	3.5	3.0	3.4	3.6
Australia, New Zealand, South Africa.....	.9	1.2	1.0	1.1	1.4	1.4	2.0	6.4	4.5	3.5	4.2
Developing countries.....	3.3	6.4	5.1	5.6	6.3	7.8	10.0	23.4	23.0	21.0	21.0
Latin America.....	2.0	3.1	2.6	2.6	3.1	3.8	5.1	14.2	11.6	10.7	10.6
Africa (excl. South Africa).....	.5	.7	.6	.7	.9	.9	1.3	3.5	2.6	2.8	2.6
Middle East.....	.2	1.3	1.1	1.4	1.1	.9	.8	1.4	4.9	3.0	1.8
Other Asia and Pacific.....	.6	1.3	.8	.8	1.2	2.1	2.9	4.3	4.9	4.5	6.0
International and unallocated.....	.7	1.7	1.8	1.5	1.1	1.7	1.7	5.0	6.3	4.0	3.6

¹ Includes other industries not shown separately.

² Includes Belgium, Denmark, France, Germany, Ireland, Italy, Luxembourg, the Netherlands, and the United Kingdom.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, March issues.

NO. 938. CORPORATE FUNDS—SOURCES AND USES: 1960 TO 1980

[In billions of dollars, except percent. Covers nonfarm nonfinancial corporate business]

SOURCE AND USE	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Sources, total.....	47.6	91.1	107.7	201.5	164.9	220.3	259.8	320.4	375.4	318.0
Internal.....	34.7	58.1	61.8	85.6	119.7	134.2	158.1	171.9	190.6	197.0
Domestic undistributed profits.....	7.9	18.5	7.6	32.4	34.0	43.9	52.3	60.6	71.0	59.6
IVA and CCA ¹	-2.0	1.7	-4.1	-41.7	-21.1	-27.5	-27.0	-36.4	-56.4	-57.9
Capital consumption allowances.....	26.8	32.6	51.8	78.7	93.8	103.6	115.2	128.1	145.6	163.7
Foreign earnings ²	1.9	3.3	6.5	16.3	13.0	14.3	15.5	19.7	30.3	31.7
External³.....	12.9	35.1	45.9	115.8	45.2	86.1	103.7	148.5	184.8	121.0
Percent of total.....	27.1	38.5	42.6	57.5	27.4	39.1	39.9	46.3	49.2	38.0
Credit market funds, net.....	11.9	20.6	40.8	82.2	37.9	60.7	79.9	94.8	114.3	101.1
Securities and mortgages.....	7.5	9.3	32.2	39.2	49.3	48.7	46.1	49.2	52.5	52.0
Equity issues.....	1.4	-	5.7	4.1	9.9	10.5	2.7	2.6	3.5	11.4
Bonds and mortgages ⁴	6.1	9.3	26.5	35.1	39.4	38.2	43.3	46.6	49.0	50.6
Loans and S.T. paper.....	4.5	11.4	8.5	43.0	-11.4	11.9	33.8	45.6	61.9	39.1
Other.....	1.0	14.4	5.1	33.7	7.3	25.4	23.8	53.7	70.4	19.9
Profit taxes payable.....	-2.2	2.2	-3.9	.3	-1.6	7.5	-1.6	2.6	-	-7.3
Trade debt.....	3.1	12.2	7.5	28.7	6.3	13.6	21.7	44.8	60.7	18.1
Foreign direct investments in U.S.....	.1	.1	1.5	4.8	2.6	4.3	3.7	6.3	9.7	9.1
Uses, total.....	40.6	82.2	100.8	193.4	151.1	199.5	231.6	295.6	346.0	286.6
Capital expenditures.....	38.0	82.0	82.0	141.2	110.0	147.5	177.3	205.6	229.4	225.1
Increase in financial assets.....	2.7	20.2	18.8	52.2	41.2	52.0	54.2	90.0	116.6	61.5
Discrepancy (sources less uses).....	7.0	9.0	6.9	8.1	13.8	20.8	28.3	24.8	29.4	31.4

- Represents zero.

¹ Inventory valuation and capital consumption adjustment.

² Foreign branch profits, dividends, and subsidiaries earnings retained abroad.

³ Net increases in liability.

⁴ Includes industrial pollution control revenue bonds, issued by State and local governments.

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts*, forthcoming report.

NO. 939. CORPORATE PROFITS, TAXES, AND DIVIDENDS: 1960 TO 1980

[In billions of dollars. Covers corporations organized for profit. Represents profits to U.S. residents, without deduction of depletion charges and exclusive of capital gains and losses; intercorporate dividends from profits of domestic corporations are eliminated; net receipts of dividends and branch profits from abroad are added]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Profits before taxes	49.8	77.2	75.4	125.6	136.7	132.1	166.3	192.6	223.3	255.4	245.5
Less: Income tax liability ¹	22.7	30.9	34.2	49.0	51.6	50.6	63.8	72.6	83.0	87.6	82.3
Equals: Profits after taxes	27.1	46.3	41.3	76.6	85.1	81.5	102.5	120.0	140.3	167.8	163.2
Less: Net dividends ²	12.9	19.1	22.5	27.0	29.9	30.8	37.4	39.9	44.6	50.2	56.0
Equals: Undistributed profits	14.3	27.2	18.8	49.6	55.2	50.7	65.1	80.1	95.7	117.6	107.2
Capital consumption allowances ³	25.3	37.4	56.6	73.7	81.5	89.4	96.3	110.4	122.9	139.5	158.3
Profits after tax plus capital consumption allowances	52.4	83.7	97.9	150.2	166.6	170.9	198.8	230.4	263.2	307.3	321.4

¹ Federal and State. ² Disbursements to U.S. residents, measured after eliminations of intercorporate dividends. ³ Without capital consumption adjustment. Includes depreciation and accidental damages.

NO. 940. CORPORATE PROFITS BEFORE TAXES: 1960 TO 1980

[In billions of dollars. Profit figures are with inventory valuation adjustment and without capital consumption adjustment]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total	49.7	76.0	68.9	94.0	105.6	96.7	120.6	151.6	176.7	199.0	212.7	199.8
Domestic industries	46.7	71.5	62.4	85.3	92.0	80.4	107.6	137.4	161.2	179.3	182.4	168.7
Financial	7.2	7.5	12.1	15.3	15.9	15.0	11.8	17.1	23.5	29.3	31.6	30.6
Nonfinancial	39.5	64.0	50.2	70.0	76.0	65.4	95.8	120.3	137.7	150.0	150.8	138.1
Manufacturing	23.6	39.3	26.6	40.7	45.5	39.0	52.6	69.2	76.2	85.3	88.9	74.5
Wholesale and retail trade	4.9	8.1	9.5	13.4	13.9	12.5	21.3	22.4	27.0	24.5	23.0	20.9
Other	11.0	18.6	14.1	15.9	16.6	13.9	21.9	28.7	34.5	40.2	38.9	42.7
Rest of the world	3.0	4.5	6.5	8.6	13.7	16.3	13.0	14.3	15.5	19.7	30.3	31.1

Source of tables 939 and 940: U.S. Council of Economic Advisers, *Economic Report of the President*, annual. Data from U.S. Bureau of Economic Analysis.

NO. 941. CORPORATE PROFITS, BY INDUSTRY: 1960 TO 1980

[In billions of dollars. Profits are without inventory valuation and capital consumption adjustments. Minus sign (—) denotes loss. See headnote, table 939]

YEAR	All industries	Manufacturing	Wholesale, retail trade	Finance, insurance ¹	Communication ²	Construction ¹	Services	Transportation	Mining	Agriculture ³	Rest of the world
BEFORE TAXES											
1960.....	49.8	23.9	4.9	8.3	6.5	.6	.9	.9	.9	.1	3.0
1965.....	77.2	39.9	8.6	8.9	8.9	1.6	1.6	2.2	.9	.2	4.5
1970.....	75.4	30.4	11.5	13.3	8.6	2.1	1.8	.2	1.0	.1	6.5
1973.....	125.6	55.5	21.8	18.6	8.1	2.4	3.5	1.4	1.7	.9	13.7
1974.....	136.7	59.3	25.6	15.7	7.1	2.5	3.2	2.4	4.2	.4	16.3
1975.....	132.1	57.8	26.2	12.4	9.3	3.0	4.4	1.2	4.1	.8	13.0
1976.....	166.3	75.6	27.6	18.9	12.8	3.3	5.7	3.2	4.1	.7	14.3
1977.....	192.6	83.5	32.3	26.5	15.4	4.6	6.8	3.9	3.4	.6	15.5
1978.....	223.3	95.5	35.4	33.4	16.8	4.6	8.5	4.9	3.6	.7	19.7
1979.....	255.4	106.7	39.4	36.2	17.8	4.8	9.6	4.7	4.8	.9	30.3
AFTER TAXES											
1960.....	27.1	12.5	2.5	4.3	3.2	.3	.4	.3	.7	(2)	3.0
1965.....	46.3	23.0	5.3	4.5	4.9	1.1	1.0	1.3	.7	(1)	4.5
1970.....	41.3	15.6	6.8	5.4	4.5	1.3	.8	—	.7	(2)	6.5
1973.....	76.6	31.4	14.2	6.3	4.9	1.4	2.2	.6	1.3	.6	13.7
1974.....	85.1	34.1	17.3	5.3	4.1	1.5	2.0	1.4	3.0	.2	16.3
1975.....	81.5	33.1	17.9	2.2	6.9	1.8	3.0	.3	2.9	.5	13.0
1976.....	102.5	42.2	18.6	6.4	9.4	2.1	4.0	2.1	3.0	.4	14.3
1977.....	120.0	46.3	22.0	11.8	11.2	3.2	4.8	2.8	2.2	.3	15.5
1978.....	140.3	53.6	23.6	15.8	12.0	3.2	6.2	3.5	2.4	.4	19.7
1979.....	167.8	82.8	26.6	16.4	14.2	3.4	6.9	3.7	2.8	.6	30.3

² Less than \$50 million. ¹ Includes real estate. Company basis, based on the 1972 Standard Industrial Classification (SIC); see text, p. 376. ³ Includes public utilities. ⁴ Includes forestry and fisheries.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*; and *1976-79*, and *Survey of Current Business*, July 1981.

NO. 942. MANUFACTURING CORPORATIONS—SALES, PROFITS, STOCKHOLDERS' EQUITY, AND DEBT: 1960 TO 1980

[In billions of dollars. Prior to 1970, excludes newspapers. Data are not necessarily comparable from year to year due to changes in accounting procedures, industry classifications, sampling procedures, etc.; for detail, see source. See also *Historical Statistics, Colonial Times to 1970*, series P 93-106]

YEAR	ALL MANUFACTURING CORPS.					DURABLE GOODS INDUSTRIES					NONDURABLE GOODS INDUSTRIES				
	Sales (net)	Profits		Stockholders' equity ¹	Debt ¹	Sales (net)	Profits		Stockholders' equity ¹	Debt ¹	Sales (net)	Profits		Stockholders' equity ¹	Debt ¹
		Before taxes	After taxes				Before taxes	After taxes				Before taxes	After taxes		
1960.....	346	27.5	15.2	165	40.5	174	14.0	7.0	82	20.5	172	13.5	8.2	83	20.0
1965.....	492	46.5	27.5	212	57.9	257	26.2	14.5	105	28.4	235	20.3	13.0	106	29.5
1970.....	709	48.1	28.6	307	133.9	363	23.0	12.9	155	70.7	346	25.2	15.7	152	83.2
1972.....	850	63.2	36.5	343	149.0	436	33.6	18.4	171	77.0	414	29.6	18.0	172	72.0
1973.....	1,017	81.4	48.1	374	164.3	527	43.6	24.8	189	86.1	490	37.8	23.3	185	78.2
1974.....	1,061	92.1	58.7	395	167.4	529	41.1	24.7	196	87.1	532	51.0	34.1	199	80.3
1975.....	1,065	79.9	49.1	423	183.2	521	35.3	21.4	208	94.4	544	44.6	27.7	215	88.8
1976.....	1,203	104.9	64.5	463	187.8	590	50.7	30.8	224	91.1	614	54.3	33.7	239	96.7
1977.....	1,328	115.1	70.4	497	200.4	657	57.9	34.8	240	94.8	671	57.2	35.6	257	105.6
1978.....	1,496	132.5	81.2	541	222.4	761	69.6	41.6	263	105.8	736	63.0	39.4	278	116.6
1979.....	1,742	154.2	88.7	600	252.2	866	72.4	45.2	292	122.8	876	81.8	53.5	308	129.4
1980.....	1,897	145.4	92.4	665	292.1	883	57.2	35.6	316	142.6	1,014	88.2	56.9	349	149.3

¹ Annual data are average equity or debt for the year (using four end-of-quarter figures).

Source: U.S. Federal Trade Commission, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations*. In U.S. Council of Economic Advisers, *Economic Report of the President*, annual.

NO. 943. MANUFACTURING CORPORATIONS—PROFITS, STOCKHOLDERS' EQUITY, SALES, AND DEBT RATIOS: 1970 TO 1980

[Averages of quarterly figures at annual rates. Based on sample; see source for discussion of methodology. Minus (–) sign reflects loss. See headline, table 942]

INDUSTRY GROUP	RATIOS OF PROFITS TO STOCKHOLDERS' EQUITY (percent)				PROFITS PER DOLLAR OF SALES (cents)				RATIO OF STOCKHOLDERS' EQUITY TO DEBT			
	1970	1975	1979	1980	1970	1975	1979	1980	1970	1975	1979	1980
All manufacturing corporations ¹	9.3	11.6	16.5	13.9	4.0	4.6	5.7	4.9	2.3	2.3	2.4	2.3
Durable goods industries.....	8.3	10.3	15.5	11.2	3.5	4.1	5.2	4.0	2.2	2.2	2.4	2.2
Stone, clay, and glass products.....	6.9	8.3	15.2	10.8	3.6	3.4	5.6	4.2	2.4	2.1	2.0	1.9
Primary metal industries.....	7.0	8.6	12.2	11.7	4.1	4.4	4.0	4.7	2.0	2.2	1.7	1.7
Iron and steel.....	4.3	10.9	8.8	9.0	2.5	5.0	2.7	2.9	2.2	2.4	1.7	1.7
Nonferrous metals.....	10.6	5.0	17.7	15.6	6.2	3.1	6.5	5.9	1.8	1.8	1.6	1.8
Fabricated metal products.....	8.5	13.2	16.4	13.9	3.0	4.2	4.7	4.2	2.1	2.0	2.2	2.1
Machinery, exc. electrical.....	9.8	13.7	16.9	15.0	4.6	6.4	7.1	6.5	2.2	2.4	2.5	2.2
Electrical and electronic equipment.....	9.1	9.0	17.5	15.1	3.3	3.2	5.6	5.0	1.9	2.2	2.6	2.6
Transportation equipment.....	6.3	7.5	13.1	—6	2.3	2.4	3.8	—3	2.8	2.4	3.5	2.7
Motor vehicles and equipment.....	6.1	6.2	10.9	—9.3	2.6	2.2	3.2	—3.4	4.7	3.6	5.1	3.4
Aircraft, guided missiles and parts.....	6.8	11.0	18.4	16.0	2.0	2.9	5.0	4.3	1.3	1.6	3.0	2.8
Instruments and related products.....	14.3	13.5	16.8	17.5	7.3	7.6	8.7	9.3	3.2	3.3	3.9	4.3
Nondurable goods industries.....	10.3	12.8	17.4	16.4	4.5	5.1	6.1	5.6	2.4	2.4	2.4	2.3
Food and kindred products.....	10.8	14.4	14.7	14.7	2.5	3.2	3.3	3.4	1.9	1.7	1.8	1.9
Tobacco manufactures.....	15.7	15.9	19.2	19.8	5.8	9.2	11.5	11.7	1.4	1.5	1.7	1.8
Textile mill products.....	5.1	4.2	11.9	8.5	1.9	1.2	3.2	2.2	2.1	1.9	2.2	2.0
Paper and allied products.....	7.0	12.6	16.8	12.1	3.4	5.6	6.7	5.1	1.8	1.8	1.9	2.0
Printing and publishing.....	11.2	12.8	18.1	16.4	4.2	4.6	6.1	5.5	2.7	2.7	2.4	2.1
Chemicals and allied products.....	11.4	15.2	16.7	15.4	5.9	7.8	7.5	7.1	2.5	2.3	2.2	2.2
Industrial.....	8.5	13.2	15.2	11.9	5.0	6.9	6.7	5.4	2.1	2.0	1.9	1.9
Drugs.....	17.6	17.8	19.3	19.9	9.4	12.2	12.9	13.2	4.3	4.4	3.1	3.0
Petroleum and coal products.....	11.0	12.5	20.4	20.0	8.3	7.6	9.0	7.7	3.6	4.4	3.7	3.4
Rubber and misc. plastics products.....	7.1	8.0	10.5	6.7	2.7	3.0	3.1	2.0	1.5	1.8	1.7	1.6

¹ Includes other industries not shown separately.

Source: U.S. Federal Trade Commission, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations*. In U.S. Council of Economic Advisers, *Economic Report of the President*, annual.

**NO. 944. CONSUMER COOPERATIVES AND FARMER COOPERATIVES SELLING CONSUMER GOODS, BY
TYPE OF ASSOCIATION: 1965 TO 1979**

(Members in thousands; businesses in millions of dollars. Business refers to loans outstanding)

TYPE OF ASSOCIATION	1965			1970			1979		
	Associations	Members	Business	Associations	Members	Business	Associations	Members	Business
Credit unions ¹	22,064	16,756	8,098	23,656	22,819	14,106	22,012	43,258	52,224
Electric power cooperatives ²	885	4,964	781	875	5,789	1,195	871	8,435	5,322
Rural telephone cooperatives ³	219	485	48	235	509	86	249	931	289
Independent prepaid and self-insured health plans ⁴	569	9,684	608	⁵ 482	⁵ 12,204	1,068	(NA)	28,107	9,353
Community consumer	43	3,400	216	⁵ 40	⁵ 4,891	445	(NA)	7,962	2,519
Labor and management	507	5,068	366	⁵ 418	⁵ 5,834	545	(NA)	18,457	5,810
Health professionals (both profit making and non-profit plans)	19	(NA)	26	⁵ 24	⁵ 1,678	78	(NA)	2,888	1,024
Farmer cooperatives selling producer and consumer goods ⁶	6,753	(NA)	2,910	6,209	(NA)	3,871	5,212	(NA)	13,521
Petroleum products ⁷	2,773	(NA)	643	2,774	(NA)	862	3,062	(NA)	3,827
Meats and groceries	775	(NA)	80	717	(NA)	83	485	(NA)	184
Miscellaneous ⁸	4,800+	(NA)	356	4,800+	(NA)	527	4,500+	(NA)	1,665

NA Not available. ¹ Source: 1965, U.S. Social Security Administration; beginning 1970, National Credit Union Administration, *Annual Report of the National Credit Union Administration*. See also table 858. ² Source: U.S. Rural Electrification Administration, *Annual Statistical Report—Rural Electric Borrowers*. Electric distribution cooperatives currently borrowing from REA, average number of consumers served, and total revenues. ³ Source: U.S. Rural Electrification Administration, *Annual Statistical Report—Rural Telephone Borrowers*. Cooperatives currently borrowing from REA, number of subscribers at end of year, annual revenues. ⁴ Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, September 1991, and unpublished data. ⁵ Estimated enrollees and annual subscription income of plans. Enrollment is for most frequent type of benefit (surgical services). 1979, preliminary. ⁶ 1988 data. ⁷ Data for fiscal years ending June 30 or earlier in years shown. 1979, calendar year. Since most cooperatives do more than one type of business, totals are less than would be obtained by adding number of cooperatives handling individual items or performing individual services. Major products sold are feed, seed, fertilizer, pesticides, and petroleum. See table 1200 for other items sold by farmer cooperatives. ⁸ Sales include products for farming, for both farm and non-farm home heating, and automobile and truck uses. ⁹ Includes hardware, building supplies, lawn and garden items, electrical goods, and other supplies used by both farmers and nonfarmers.

Source: Except as noted, U.S. Dept. of Agriculture, Agricultural Cooperative Service, unpublished data.

NO. 945. PATENTS AND TRADEMARKS: 1956 TO 1980

(Covers patents issued to citizens of the United States and residents of foreign countries. For information on copyrights, see table 975. See also Historical Statistics, Colonial Times to 1970, series W 96-108)

Item	1956-1960	1961-1965	1966-1970	1971-1975	1976-1980	1975	1976	1977	1978	1979	1980
Patent applications filed	410.4	463.2	504.6	541.4	550.1	108.0	110.0	109.0	109.3	108.9	113.0
Inventions	384.8	436.1	476.2	510.4	509.0	101.0	102.3	100.9	100.9	100.5	104.3
Designs	23.9	25.3	26.3	28.6	37.2	6.3	7.1	7.3	7.5	7.5	7.8
Botanical plants	.8	.6	.6	.7	1.0	.2	.2	.2	.2	.2	.2
Reissues	1.2	1.2	1.5	1.7	2.9	.5	.4	.6	.7	.6	.6
Patents issued	251.9	275.4	342.9	396.7	334.3	76.8	75.4	69.8	70.5	52.4	66.2
Inventions	237.5	260.0	325.1	375.5	312.3	72.0	70.2	65.3	66.1	48.9	61.8
Individuals	76.6	69.9	73.4	87.0	65.0	17.2	14.1	14.0	14.3	9.3	13.3
Corporations:											
U.S.	133.9	152.5	190.8	192.9	150.4	34.6	34.4	31.5	31.3	23.8	29.4
Foreign ¹	21.0	31.0	52.8	86.0	90.4	18.3	19.9	18.2	19.3	14.8	18.2
U.S. Government	5.9	6.5	8.4	9.6	6.5	1.9	1.8	1.5	1.2	.9	1.0
Designs	13.0	13.8	16.3	18.7	19.4	4.3	4.6	3.9	3.9	3.1	3.9
Botanical plants	.6	.6	.4	.8	.8	.2	.2	.2	.2	.1	.1
Reissues	.8	1.0	1.1	1.6	1.8	.4	.4	.4	.4	.3	.3
Published applications ²	-	-	.6	.8	.5	.1	.1	.1	.1	.1	(2)
Foreign country residents ³	36.5	48.3	76.0	119.3	118.0	25.4	26.1	23.9	25.1	18.2	24.7
Certificates of trademarks issued	108.2	106.6	128.5	158.3	150.7	37.1	33.1	31.9	35.1	25.9	24.7
Trademarks	90.7	91.9	104.2	129.4	121.2	30.9	26.3	25.9	29.6	20.5	18.9
Trademark renewals	17.5	14.7	24.3	28.9	29.5	6.1	6.8	6.1	5.5	5.4	5.9

- Represents zero. Z Less than 50. ¹ Includes patents to foreign governments. ² Abstracts of technical disclosure of patent published at request of applicant or owner. The current practice, called "Defensive Publications," began in Nov. 1968.

³ Includes patent inventions and a small number of patents for designs and botanical plants.

Source: U.S. Patent and Trademark Office. Fiscal-year figures are published in the *Commissioner of Patents and Trademarks Annual Report*.



Communications

This section presents statistics on the usage, finances, and operations of the Postal Service and of the various communications media: Telephone, telegraph, radio, television, newspapers and periodicals, and books. Expenditures data for advertising in the media are also included.

Postal Service.—The Postal Service provides mail processing and delivery services within the United States. The Postal Reorganization Act of 1970 created the Postal Service, effective July 1971, as an independent establishment of the Federal Executive Branch; it also placed restrictions on the private delivery of mail.

"Revenue and cost analysis" is the term used by the Postal Service to describe its system of attributing revenues and costs to classes of mail and service. This system draws primarily upon probability sampling techniques to develop estimates of revenues, volumes, and weights, as well as costs by classes of mail and special service. The costs attributed to classes of mail and special services are primarily incremental costs which vary in response to changes in volume; they account for roughly 60 percent of the total costs of the Postal Service. The balance represents "institutional costs" which includes funds for research and development, portions of personnel and office supplies, etc. Statistics on revenues, volume of mail, and distribution of expenditures are presented in the Postal Service's annual report *Revenue and Cost Analysis* and its *Annual Report of the Postmaster General*.

Communication media.—The Federal Communications Commission (FCC), established in 1934, regulates wire and radio communications and licenses radio and television stations. Only the largest carriers and controlling companies file annual or monthly financial reports. Jurisdiction of the FCC applies to domestic and overseas telegraph carriers and to the Communications Satellite Corporation (Comsat), but not to a large number of telephone carriers which are engaged in intrastate or foreign service. The gross operating revenues of the telephone carriers reporting annually to the FCC, however, are estimated to cover over 90 percent of the revenues of all U.S. telephone companies.

Financial and other reports filed by the broadcasting industry cover substantially all radio and television stations operating in the United States and its outlying areas. Statistics covering the private radio services represent the largest and most diverse group of licensees regulated by the FCC. These services primarily provide two-way radio communication for emergency and business purposes in the aviation, marine, land transportation, and other industries; police, fire, and other public safety programs; and amateur and personal operations. Principal sources of wire, radio, and television data are the FCC's *Annual Report*, its annual *Statistics of Communications Common Carriers*, and its annual releases of financial data reported by radio and television stations and networks.

Statistics on the printed media are available from the U.S. Bureau of the Census, as well as from various private agencies. The censuses of manufactures (conducted by the Census Bureau every five years, for the years ending in "2" and "7") provide statistics on the number and circulation of newspapers and periodicals and on sales of books and pamphlets. *Editor and Publisher Co., Inc.*, New York, presents annual data on the number and circulation of daily and Sunday newspapers in its *International Yearbook*. Monthly data on new books and new editions appear in *Publishers Weekly*, issued by R. R. Bowker Company, New York.

Advertising.—The statistics on advertising expenditures are compiled primarily by private organizations. McCann-Erickson, Inc., which compiles certain of the data shown (see tables 981-983), defines national advertising as the advertising done for companies whose products are distributed nationally, and for which national media rates are paid. Local advertising is defined as the advertis-

ing done for companies which market their products locally and which may pay special "local" media rates. Spot advertising is considered time bought by a national advertiser on a selective market basis. Monthly figures for advertising are published periodically by McCann-Erickson in *Advertising Age*.

The Broadcast Advertisers Reports (see tables 984-986) distinguishes between spot and local advertising primarily on the basis of the type of advertiser to whom the time is sold, rather than how and by whom it is sold. In general, time purchased on behalf of retail or service establishments in the market is considered local, even though the establishments may be part of a national or regional chain. That is, spot advertising promotes a product, while local advertising promotes a given establishment. Network advertising, mutually exclusive of spot and local, is broadcast through the network system.

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

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

No. 946. U.S. POSTAL SERVICE—SUMMARY: 1900 TO 1980

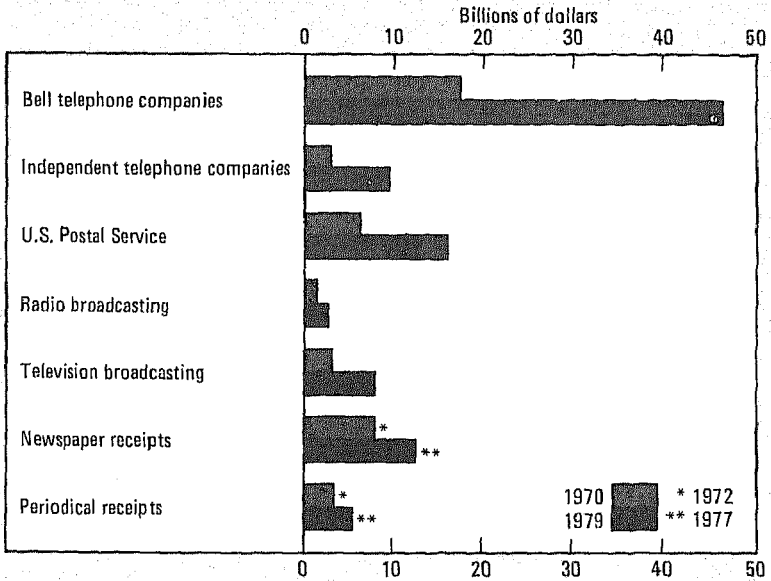
[For years ending June 30 except, beginning 1977, ending Sept. 30. Includes Puerto Rico and all outlying areas except Canal Zone. See text, p. 555. See also *Historical Statistics, Colonial Times to 1970*, series R 163-171]

YEAR	Number of post offices	FINANCES ¹			Revenue per capita ² (mil. dol.)	Sales of stamps and stamped paper (mil. dol.)	Postage paid under permit and meter (mil. dol.)	Money orders issued, total (mil. dol.)	PIECES OF MAIL HANDLED (est.)			
		Revenues (mil. dol.)	Expenditures ³ (mil. dol.)	Deficit (mil. dol.)					Total ⁴ (bil.)	First-class ⁵		Second class (bil.)
										Number (bil.)	Percent	
1900.....	76,688	102	108	5	1.34	94	(⁷)	256	7.1	(NA)	(NA)	(NA)
1910.....	59,580	224	230	6	2.43	202	4	638	14.9	(NA)	(NA)	(NA)
1920.....	52,641	437	454	17	4.11	380	13	1,356	(NA)	(NA)	(NA)	(NA)
1930.....	49,063	705	804	98	5.75	575	74	1,767	27.9	16.9	60.6	5.0
1940.....	44,024	767	808	41	5.84	522	177	2,108	27.7	15.2	54.9	4.6
1950.....	41,484	1,677	2,223	545	11.14	862	678	⁸ 5,138	45.1	24.5	54.3	6.3
1956.....	38,316	2,349	2,712	363	14.39	999	1,136	5,883	55.2	28.7	52.0	6.7
1960.....	35,238	3,277	3,874	597	18.27	1,245	1,699	5,058	63.7	33.2	52.1	7.5
1965.....	33,624	4,483	5,276	793	23.17	1,528	2,529	4,540	71.9	38.1	53.0	8.6
1970.....	32,002	7,702	7,867	165	31.05	1,936	3,883	4,709	84.9	48.6	57.2	9.4
1971.....	31,947	8,751	8,955	204	32.24	1,999	4,126	4,728	87.0	50.0	57.5	9.6
1972.....	31,686	9,347	9,522	175	37.89	2,371	4,861	4,731	87.2	48.9	56.1	9.5
1973.....	31,385	9,913	9,926	13	39.77	2,399	5,141	4,700	89.7	51.0	56.9	9.0
1974.....	31,000	10,857	11,295	438	42.85	2,504	5,623	5,194	90.1	51.6	57.3	8.8
1975.....	30,754	11,590	12,578	988	47.08	2,819	6,241	5,856	89.3	51.4	57.6	9.1
1976.....	30,521	12,747	13,923	1,176	52.21	3,155	6,883	6,243	89.8	52.1	58.0	8.9
1976, TQ ⁹	30,521	3,402	3,387	¹⁰ 15	14.11	815	1,895	1,639	21.5	12.5	56.1	2.1
1977.....	30,521	14,622	15,310	688	60.18	3,658	7,951	5,636	92.2	53.7	58.2	8.7
1978.....	30,518	15,841	16,220	379	64.91	3,943	8,668	5,587	96.9	58.0	57.8	8.4
1979.....	30,449	17,999	17,529	¹⁰ 470	73.37	4,382	10,062	5,631	99.8	58.0	58.1	8.7
1980.....	30,326	19,106	19,412	306	77.32	4,287	10,828	6,112	106.3	60.3	56.7	8.4

NA Not available. ¹ After allowance for reimbursements, embossed envelope purchases, indemnity claims, and miscellaneous revenue and expenditure offsets. Through 1950, includes some payments and receipts applicable to services in prior years; beginning 1956, expenditures are shown in year in which obligation was incurred, and revenues in year which gave rise to the earnings, whether collected or accrued. In 1954, the Postal Service began receiving reimbursement for penalty and franked mail, and discontinued payment of subsidies to airlines. Revenues for 1960 include \$37.4 million reimbursement from the Treasury General Fund for statutory public services. These and other changes affect comparability of figures. See also footnote 3, table 947. ² Includes capital expenditures for plant and equipment and cost of materials and supplies, but no provision for depreciation. Also includes costs of certain services rendered to other agencies without reimbursement but excludes costs of certain services rendered to the Postal Service by other agencies. Beginning 1956, represents obligations incurred; beginning 1965, represents accrued expenses, including depreciation on fixed assets, reimbursable work for others, and expenses paid by certain other agencies without reimbursement by the Postal Service. ³ Operating revenue only; based on Bureau of the Census estimated total population as of Jan. 1, including Armed Forces abroad. ⁴ Includes other classes of mail not shown separately. See table 949. ⁵ Items mailed at 1st-class rates and weighing 12 ounces or less. Includes items wholly or partially in writing or typewriting, cards or bills and statements of account, items closed against postal inspection, etc. ⁶ Includes mail paid at other than bulk rates. ⁷ Service not inaugurated. ⁸ Includes postal notes issued under act of Congress. ⁹ Transition quarter, July-Sept. ¹⁰ Net income.

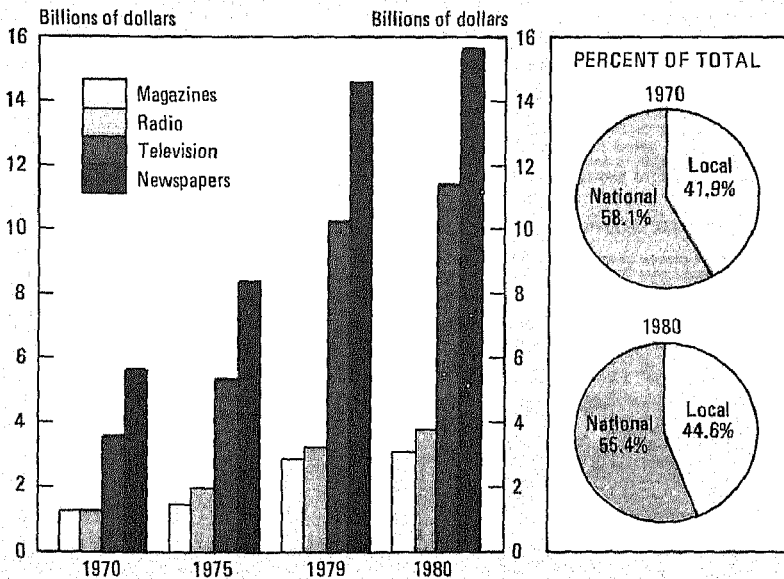
Source: U.S. Postal Service, *Annual Report of the Postmaster General*.

Figure 19.1

Operating Revenues of Selected Media: 1970 and 1979

Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 947, 952, 954, 959, and 960.

Figure 19.2

Advertising Expenditures by Selected Media: 1970 to 1980

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 983.

NO. 947. U.S. POSTAL SERVICE REVENUES: 1960 TO 1980

(In millions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30. Includes Puerto Rico and all outlying areas except Canal Zone. See text, p. 555)

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total revenue ¹	3,277 ²	4,483	7,702	9,913	10,857	11,590	12,747	14,622	15,841	17,999	19,106
SOURCE											
Operating postal revenue ³	3,270	4,433	6,347	8,339	9,008	10,015	11,199	12,998	14,133	16,106	17,143
Stamps, postal cards, etc.	1,245	1,528	1,936	2,399	2,504	2,810	3,155	3,658	3,943	4,382	4,287
Second-class postage paid in money (pound rates) ⁴	86	131	192	224	259	284	319	427	551	755	881
Other postage paid under permit and meter	1,699	2,529	3,883	5,141	5,623	6,241	6,883	7,951	8,668	10,062	10,828
Box rents	29	34	44	61	63	67	103	109	124	183	160
Miscellaneous	⁵ 147	154	236	460	507	556	675	748	758	683	982
Money-order revenues	64	57	56	54	52	53	83	105	89	91	95
Government appropriations	-	-	1,355	1,486	1,750	1,533	1,645	1,712	1,722	1,720	1,810
Percent of total revenue	-	-	17.6	15.0	16.1	13.2	12.9	11.7	10.9	9.6	8.4
Investment income, net	-	-	-	89	98	37	⁶ -97	⁶ -88	⁶ -14	173	353
MAIL AND SERVICE											
First-class mail ⁷	1,510	2,193	3,291	4,578	5,019	5,798	6,734	7,831	8,575	9,733	10,146
Priority mail ⁸	-	-	282	352	394	411	411	468	497	561	612
Second-class publishers' mail ⁹	81	119	155	186	213	236	267	363	472	644	818
Controlled circulation publication ¹⁰	8	15	35	37	40	41	41	53	67	95	246
Third-class mail ¹¹	441	650	827	1,162	1,214	1,348	1,522	1,748	1,987	2,216	2,412
Bulk rate	(NA)	(NA)	(NA)	995	1,046	1,187	1,317	1,508	1,745	1,967	2,168
Single piece rate and fees	(NA)	(NA)	(NA)	168	167	181	205	240	242	249	244
Fourth-class mail ¹²	607	702	778	759	732	718	680	769	673	747	805
Zone rate mail (parcels, catalogs, etc.)	(NA)	(NA)	(NA)	638	591	577	508	594	480	484	500
Special fourth-class rate	(NA)	(NA)	(NA)	111	130	130	160	148	187	237	272
Library rate and fees	(NA)	(NA)	(NA)	10	11	11	12	28	27	27	33
Government mail ¹³	86	124	199	404	471	484	577	611	626	678	745
International mail ¹⁴	102	152	270	317	343	390	447	493	489	550	596
Special services	184	179	236	245	252	251	257	417	439	506	518
Other ¹⁵	258	349	1,629	1,873	2,179	1,913	1,811	1,869	2,005	2,269	2,404

- Represents zero. NA Not available. ¹ Net revenue after refunds of postage. Beginning 1965, includes operating reimbursements. ² Includes small amounts for Postal Savings System, 1960 and 1965, and reimbursement by U.S. Congress in 1965. ³ The U.S. Postal Service was established July 1, 1971. Revenues prior to that date are those of the Post Office Department. Revenues for 1970 have been restated to be consistent with subsequent years. See also footnote 1, table 946. ⁴ Includes controlled circulation publications. ⁵ Includes \$37.4 million appropriated to postal revenues for public services as provided by the Postal Policy Act of 1958. ⁶ Interest expense on loans exceeded interest income received from investments. ⁷ See footnote 5, table 946. ⁸ Items otherwise qualified as 1st-class or airmail that exceed 12 ounces and 8 ounces, respectively. ⁹ Includes mail paid at other than bulk rates. Publishers' mail includes printed publications periodically issued and mailed at a known post office to paid subscribers. These include regular mail newspapers and magazines, and classroom and nonprofit rate publications. Outside-the-county publications are those mailed to destinations outside the county of publication. ¹⁰ Publications of at least 24 pages and containing at least 25 percent nonadvertising content issued quarterly or more frequently for mainly free distribution. Includes certain trade publications and "shopper" guides. ¹¹ Items less than 16 ounces in weight not mailed at either 1st- or 2d-class rates. ¹² Items not mailed at 1st-, 2d-, or 3d-class rates, except government and international mail. May include parcel post, catalogs weighing 16 ounces or more, books, films, and records. ¹³ Penalty and franked mail. ¹⁴ Mail from U.S. to foreign countries paid at international mail rates. ¹⁵ Consists of unassignable revenues; includes domestic airmail until 1976, and express mail and mailgrams beginning 1977.

NO. 948. U.S. POSTAL SERVICE EMPLOYEES, BY TYPE: 1950 TO 1980

(In thousands, except pieces of mail. As of June 30 except, beginning 1977, as of Sept. 30. Includes Puerto Rico, and all outlying areas except Canal Zone. See *Historical Statistics, Colonial Times to 1970*, series R 187, for total employees)

ITEM	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979	1980
Total employees	501	512	563	596	741	702	679	655	656	663	667
Regular	364	367	409	447	549	559	543	528	526	534	536
Postmasters	¹ 45	¹ 42	35	33	30	30	29	29	28	28	29
Office superv. and tech. personnel	169	175	172	188	243	239	235	228	226	230	229
Office clerks and mail handlers	90	91	110	133	165	167	161	157	156	160	160
City carriers and vehicle drivers	36	32	31	31	31	31	31	31	31	32	33
Rural carriers	27	26	34	32	42	55	48	47	47	48	49
Other	137	145	154	148	193	143	136	127	130	129	130
Substitute (part-time)											
Pieces of mail per employee, average	90	108	113	121	115	127	132	141	148	151	159

¹ Includes assistant postmasters: 3,540 in 1950, and 3,917 in 1955. ² Includes mobile unit employees.

Source of tables 947 and 948: U.S. Postal Service, *Annual Report of the Postmaster General*.

No. 949. U.S. POSTAL SERVICE—VOLUME OF MAIL, BY CLASS: 1970 TO 1980

[In millions, except per capita. For years ending June 30 except, beginning 1978, ending Sept. 30. Includes Puerto Rico and all outlying areas except Canal Zone. For definition of classes of mail, see footnotes, table 947. See also *Historical Statistics, Colonial Times to 1970*, series R 172-186]

CLASS OF MAIL	PIECES OF MAIL					WEIGHT OF MAIL (lb.)				
	1970	1975	1978	1979	1980	1970	1975	1978	1979	1980
Total	84,882	89,266	96,913	99,629	106,311	13,281	12,025	12,013	12,253	12,958
Domestic.....	83,986	88,334	96,000	98,875	105,348	13,055	11,824	11,804	12,040	12,742
1st class and airmail ¹	50,174	52,482	56,020	57,976	60,332	1,636	1,746	1,962	2,072	2,213
Priority mail.....	185	207	213	228	248	371	440	510	541	591
2d class.....	9,352	9,085	8,691	8,400	8,446	3,417	2,732	2,984	2,885	2,550
3d class.....	19,974	21,867	26,330	27,513	30,331	2,032	2,283	2,725	2,994	3,240
4th class.....	977	801	691	614	631	4,786	3,754	2,778	2,534	2,681
Controlled circulation publications.....	562	628	761	846	1,775	224	232	300	358	928
Penalty.....	2,544	2,928	2,824	2,895	2,992	540	527	498	503	503
Franked and free for blind.....	218	336	470	402	540	49	50	47	53	58
International.....	896	932	913	954	963	226	201	209	213	216
Per capita: ²										
Total, all domestic mail ³	412	415	441	452	475	84	56	54	55	57
1st class and airmail.....	246	247	257	264	272	8	8	9	9	10
2d class.....	46	43	40	38	38	17	13	14	14	12
3d class.....	98	103	121	125	137	10	11	13	14	15
4th class.....	5	4	3	3	3	23	18	13	12	12

¹ Beginning 1978, includes express mail established as a class of mail on October 9, 1977, and mailgrams. ² Based on estimated total population as of Jan. 1, including Armed Forces abroad. ³ Includes types of mail not shown separately. Source: U.S. Postal Service, *Annual Report of the Postmaster General*.

No. 950. U.S. POSTAL SERVICE RATES FOR LETTERS AND POST CARDS: 1958 TO 1981

[See also *Historical Statistics, Colonial Times to 1970*, series R 188-191]

DATE OF RATE CHANGE	SURFACE MAIL				Domestic air-mail let-ters ¹	DATE OF RATE CHANGE	SURFACE MAIL				Domestic air-mail let-ters ¹
	Letters			Post-al and post cards			Letters			Post-al and post cards	
	Each ounce	First ounce	Each added ounce				Each ounce	First ounce	Each added ounce		
1958 (Aug. 1)	4¢	(X)	(X)	3¢	7¢	1975 (Sept. 14)	(X)	10¢	9¢	7¢	(X)
1963 (Jan. 7)	5¢	(X)	(X)	4¢	8¢	1975 (Dec. 31)	² (X)	² 13¢	² 11¢	² 9¢	(X)
1968 (Jan. 7)	6¢	(X)	(X)	5¢	10¢	1978 (May 29)	(X)	15¢	13¢	10¢	(X)
1971 (May 16)	8¢	(X)	(X)	6¢	11¢	1981 (Mar. 22)	(X)	18¢	17¢	12¢	(X)
1974 (Mar. 2)	10¢	(X)	(X)	8¢	13¢	1981 (Nov. 1)	(X)	20¢	17¢	13¢	(X)

X Not applicable. ¹ Each ounce, except as noted. ² As of October 11, 1975, surface mail service upgraded to level of airmail. ³ 17¢ for first ounce; 15¢ for each added ounce. ⁴ As of May 1, 1977, domestic airmail service, as a separate class of mail, was discontinued.

Source: U.S. Postal Service, "United States Domestic Postage Rates: Recent History," and unpublished data.

No. 951. UTILIZATION OF SELECTED MEDIA: 1950 TO 1981

ITEM	Unit	1950	1955	1960	1965	1970	1975	1978	1979	1980	1981
Households with —											
Telephone service ¹	Percent.....	62	72	79	85	91	93	96	96	96	(NA)
Radio sets ²	Percent.....	92.6	96.4	96.3	96.8	96.6	96.6	98.9	99.0	99.0	(NA)
Average number of sets.....	Number.....	2.1	2.4	3.7	4.1	5.1	5.6	5.7	5.7	5.5	(NA)
Television sets ³	Percent.....	9	65	87	93	95	97	98	98	98	98
Average number of sets.....	Number.....	1.01	1.03	1.13	1.22	1.39	1.54	1.63	1.67	(NA)	(NA)
Color set households.....	Millions.....	—	(2)	.3	2.8	20.9	46.9	56.9	60.3	63.4	66.3
Average viewing per day ⁴	Hours.....	4.6	4.9	5.1	5.5	5.9	6.1	6.3	6.3	6.3	6.5
Cable television: ⁵											
Systems.....	Number.....	670	400	640	1,325	2,490	3,968	3,875	4,150	4,225	(NA)
Subscribers served.....	Millions.....	6.01	.15	.65	1.35	4.5	9.8	13.0	14.1	15.5	(NA)
Daily newspaper circulation: ⁷											
Number.....	Millions.....	53.8	56.1	58.9	60.4	62.1	60.7	62.0	62.2	62.2	(NA)
Per capita ⁸	Number.....	.354	.340	.327	.312	.305	.282	.279	.277	.275	(NA)

— Represents zero. NA Not available. Z Less than 50,000. ¹ As of Dec. 31. Source: American Telephone and Telegraph Company, New York, N.Y., unpublished data. ² As of Dec. 31. Source: Radio Advertising Bureau, New York, N.Y., *Radio Facts*, annual (copyright). ³ 1970-1979, as of Sept. of prior year; all other years as of Jan. of year shown. Source: Except as noted, 1950-1965, National Broadcasting Company, New York, N.Y., thereafter, A.C. Nielsen Company, Northbrook, Ill. (copyright). In Television Bureau of Advertising, Inc., New York, "Trends in Television, 1950 to Date," April 1, 1981. ⁴ Source: A.C. Nielsen Company, Northbrook, Ill. (copyright). ⁵ As of Jan. 1. Source: Television Digest, Inc., Washington, D.C. *Television Factbook*, annual (copyright). ⁶ Data for 1952. ⁷ As of Sept. 30, except 1950-1965, as of Oct. 1. Source: Editor and Publisher, Inc., New York, N.Y., *Editor and Publisher International Year Book*, annual (copyright). ⁸ Per capita based on total resident population enumerated as of April 1, 1970 and 1980, and estimated as of July 1 for other years.

Source: Compiled from sources listed in footnotes.

No. 952. BELL TELEPHONE COMPANIES—SUMMARY: 1960 TO 1980

[As of Dec. 31 or for calendar year, as applicable. Comprises American Telephone and Telegraph Company and its principal telephone subsidiaries, plus Southern New England and Cincinnati Bell Telephone Companies. See also *Historical Statistics, Colonial Times to 1970*, series R 17-30]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Central offices ¹	1,000	11.2	13.4	15.1	16.9	17.2	17.5	17.8	18.1	18.7	19.2
Miles of—Wire	Million	308	423	602	800	832	871	910	962	1,018	1,068
Coaxial tube	1,000	97	169	287	331	333	338	337	331	332	334
Telephone grade carrier channel ²	Million	76	167	414	608	645	672	715	758	854	979
Microwave radio relay ³	1,000	298	728	1,181	1,356	1,389	1,370	1,407	1,402	1,402	1,470
Book value of plant (cost)	Bil. dol.	24.7	36.2	56.2	82.7	89.2	95.8	103.6	113.0	123.9	135.5
Depreciation reserves ⁴	Bil. dol.	5.4	7.8	12.6	16.6	17.6	18.7	19.9	21.2	22.6	24.0
Operating revenues ⁵	Bil. dol.	8.1	11.3	17.4	26.8	29.6	33.5	37.3	42.0	46.4	51.9
Local exchange	Bil. dol.	4.7	6.1	8.7	13.1	14.4	16.0	17.5	19.2	20.8	23.0
Toll	Bil. dol.	3.1	4.7	8.0	12.7	14.2	16.4	18.5	21.2	23.8	28.7
Operating expenses ⁶	Bil. dol.	5.6	7.9	12.9	19.8	22.2	24.8	27.7	31.0	34.9	38.3
Net income	Bil. dol.	1.3	1.9	2.3	3.3	3.3	4.0	4.7	5.6	5.6	6.1
Dividends declared ⁷	Bil. dol.	.8	1.1	1.5	2.1	2.2	2.6	2.9	3.3	3.8	4.0
Net income ⁸	Bil. dol.	1.2	1.8	2.2	2.9	2.9	3.6	4.3	5.1	5.5	5.9
Average common equity	Bil. dol.	12.1	18.9	23.9	26.8	29.6	32.1	35.3	39.0	42.6	46.7
Return to average common equity	Ratio	10.0	9.5	9.2	10.4	9.7	11.1	12.2	13.1	12.9	12.7
Employees, number	1,000	595	627	793	812	789	778	795	823	855	868
Wages and salaries	Bil. dol.	3.3	4.2	6.6	10.2	11.1	12.2	13.4	15.1	17.3	19.3

¹ 1960 not fully comparable with later years. ² Message circuits added to existing wire mileage, but not requiring additional wire. Also includes microwave radio. ³ Broadband, 1-way channel. ⁴ Includes amortization reserves. ⁵ Includes miscellaneous and uncollectible, not shown separately. ⁶ Includes operating taxes other than Federal income tax. ⁷ Excludes intercompany dividends. ⁸ Beginning 1973, applicable to ATT common (excludes preferred dividend requirement).

Source: American Telephone and Telegraph Company, New York, N.Y., unpublished data compiled from reports of Bell System and Southern New England and Cincinnati Bell Companies.

No. 953. TELEPHONE AND TELEGRAPH SYSTEMS: 1950 TO 1979

[Covers principal carriers filing annual reports with Federal Communications Commission. See *Historical Statistics, Colonial Times to 1970*, series R 46-70 and R 75-88, for data on telegraph systems]

ITEM	Unit	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979
Domestic telephone: ¹											
Carriers	Number	71	53	52	54	56	62	62	63	63	61
Telephones ²	Million	39	50	68	82	105	130	135	143	148	153
Miles of wire	Million	147	205	316	436	528	672	913	968	1,022	1,081
Gross book cost of plant	Bil. dol.	10.7	16.2	25.7	38.0	58.9	95.5	103.1	119.1	123.6	134.9
Depreciation reserves ³	Bil. dol.	3.0	4.1	5.6	8.1	13.2	18.8	20.2	21.9	23.5	24.9
Ratio to book cost	Percent	27.8	25.3	21.7	21.4	22.1	19.7	19.6	19.4	19.0	18.5
Capital stock	Bil. dol.	3.2	6.0	8.4	10.0	10.8	12.4	12.7	14.2	14.8	15.5
Operating revenues ⁴	Bil. dol.	3.4	5.6	8.4	11.8	18.2	31.3	35.6	40.1	45.2	49.8
Operating expenses ⁵	Bil. dol.	2.5	3.7	5.0	7.1	11.7	20.2	22.7	25.7	29.1	33.0
Net operating income ⁶	Bil. dol.	.5	.8	1.4	2.1	3.1	5.6	6.5	7.2	8.1	8.9
Net income	Bil. dol.	.4	.7	1.3	1.9	2.3	3.6	4.3	5.1	5.9	6.0
Employees	1,000	565	649	627	655	839	840	832	851	894	928
Compensation of employees	Bil. dol.	1.8	2.7	3.4	4.3	7.0	11.7	12.4	13.4	16.2	18.4
Overseas telephone:											
Number of overseas calls	Million	.7	1.2	3.3	7.5	23.4	62.2	75.8	96.3	133.9	160.3
Revenue from overseas calls	Mill. dol.	9	16	42	101	252	562	684	795	963	1,106
Ocean cable systems	Number	1	1	1	1	13	14	15	15	15	15
Communications satellites	Number	-	-	-	1	4	5	5	5	5	5
Domestic telegraph:											
Carriers	Number	1	1	1	1	1	1	1	1	1	1
Revenue messages transmitted	Million	179	154	124	94	70	42	43	45	50	55
Message revenues ⁷	Mill. dol.	152	189	190	192	234	197	202	214	238	271
Total operating revenues	Mill. dol.	178	229	262	306	402	505	528	555	576	636
Operating revenue deductions	Mill. dol.	167	206	247	282	368	435	453	470	492	561
Operating income ⁸	Mill. dol.	9	13	11	24	34	70	74	85	84	75
Teletypewriter messages	Million	15	23	33	47	46	54	53	53	56	59
Overseas telegraph: ⁹											
Carriers	Number	11	10	9	6	6	6	6	5	6	7
Revenue messages transmitted	Million	23	26	28	29	32	26	24	23	22	21
Message revenues ⁷	Mill. dol.	42	50	71	78	124	217	238	278	320	356
Total operating revenues	Mill. dol.	50	68	87	107	194	316	344	397	455	497
Operating revenue deductions	Mill. dol.	45	58	77	87	156	245	265	294	336	362
Operating income ⁸	Mill. dol.	4	3	6	14	26	48	55	69	83	85
Return on investment: ⁹											
Telephone	Percent	6.1	6.6	7.3	7.3	7.1	7.6	8.1	8.3	8.5	8.5
Domestic telegraph	Percent	5.1	7.6	5.0	5.6	5.0	6.1	6.3	7.0	6.6	5.5
Overseas telegraph	Percent	7.3	5.8	7.2	11.0	10.6	12.0	13.1	15.8	18.2	17.9

- Represents zero. ¹ Includes Puerto Rico and, beginning 1965, Virgin Islands. Excludes intercompany duplications. Gross operating revenues of carriers reporting since 1970 estimated at 90 percent of all carriers. ² Includes company, service, and telegraph, excludes TWX. ³ Includes amortization reserves. ⁴ Excludes taxes. ⁵ After tax deductions. ⁶ Includes telex service; for domestic operations of All America Cables and Radio, Inc. ⁷ After Federal income taxes. ⁸ Beginning 1965, excludes South American and most Caribbean communications plant. ⁹ Ratio of net operating income (after taxes) to average net book cost of data.

Source: U.S. Federal Communications Commission, *Statistics of Communications Common Carriers*, annual, and unpublished data.

NO. 954. INDEPENDENT TELEPHONE COMPANIES—SUMMARY: 1951 TO 1980

[As of Dec. 31 or calendar year, as applicable. See also *Historical Statistics, Colonial Times to 1970*, series R 31-45]

ITEM	Unit	1951	1955	1960	1965	1970	1975	1977	1978	1979	1980
All companies¹	Number	5,541	4,713	3,299	2,421	1,841	1,618	1,556	1,527	1,488	1,483
Telephones	1,000	8,338	8,461	11,428	15,027	20,312	26,823	29,675	31,549	33,226	34,665
Total telephone plant	Mill. dol.	1,096	2,043	4,019	8,826	12,390	21,200	25,130	27,788	31,644	35,300
Operating revenues	Mill. dol.	317	590	1,020	1,870	2,953	5,500	7,115	8,085	9,240	10,475
Reporting companies²	Number	379	406	550	669	684	731	757	761	755	765
Telephones	1,000	4,922	6,750	9,718	13,648	19,182	25,548	28,495	30,323	32,511	33,748
Telephone plant in service	Mill. dol.	878	1,656	3,395	6,056	11,175	19,520	23,243	25,640	29,379	32,491
Depreciation reserves	Mill. dol.	203	326	600	1,168	2,203	4,120	5,393	6,063	6,960	7,820
Operating revenues	Mill. dol.	270	503	1,040	1,590	2,791	5,294	6,864	7,807	9,073	10,177
Operating expenses ³	Mill. dol.	211	354	630	1,040	1,953	3,639	4,722	5,405	6,415	7,278
Net income	Mill. dol.	29	67	117	225	356	711	960	1,073	1,210	1,268
Common stock and surplus	Mill. dol.	(NA)	555	1,111	1,894	3,733	6,181	7,137	7,751	8,719	9,673
Net income to common stock and surplus	Percent	(NA)	12.0	10.5	11.9	9.5	11.5	13.5	13.8	13.9	13.2
Employees	1,000	63	72	85	101	142	152	160	172	187	189
Wages and salaries	Mill. dol.	147	224	359	537	1,001	1,737	2,218	2,579	3,015	3,373

NA Not available. ¹ All telephone companies independent of Bell System. ² Comprises only companies submitting operating information to source cited below. ³ Excludes Federal income tax.

Source: United States Independent Telephone Association, Washington, D.C., *Statistics of the Independent Telephone Industry*, annual. (Copyright.)

NO. 955. REA AND RURAL TELEPHONE BANK PROGRAM—SUMMARY: 1960 TO 1980

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980
Loans and guarantees approved, Dec. 31:¹										
Borrowers	Number	727	845	862	921	939	950	966	981	990
REA amount	Mill. dol.	737	1,200	1,816	2,576	2,851	3,043	3,354	3,606	3,845
Guaranteed amount	Mill. dol.	-	-	-	237	394	394	392	392	418
Rural Telephone Bank amount	Mill. dol.	-	-	-	618	768	979	1,121	1,262	1,388
Route miles of line, ² Dec. 31	1,000	287	460	547	653	684	726	748	772	798
Subscribers, Dec. 31	1,000	1,142	1,726	2,335	3,045	3,283	3,599	3,877	4,073	4,262
Telephones in service	1,000	1,280	2,046	2,989	4,355	4,796	5,388	5,925	6,335	6,770
Total operating revenues	Mill. dol.	94	187	363	753	899	1,087	1,305	1,540	1,758
Total telephone plant	Mill. dol.	635	1,168	2,085	3,850	4,374	5,074	5,770	6,558	7,388
Employees	1,000	9.7	11.6	15.4	20.0	21.2	23.5	26.3	27.9	29.4

- Represents zero. ¹ Cumulative net loans (cancellations deducted). ² Line in service.

Source: U.S. Rural Electrification Administration, *Annual Statistical Report—Rural Telephone Borrowers*.

NO. 956. TELEPHONES, CALLS, AND RATES: 1960 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series R 1-16]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Telephones, Dec. 31	Million	74	94	120	144	149	155	162	169	176	180
Total per 1,000 population	Number	408	478	582	670	686	708	732	755	755	789
Bell companies ¹	Million	63	79	100	118	122	127	132	137	143	142
Independent companies	Million	11	15	20	26	27	28	30	31	32	35
Business	Million	21	26	33	39	39	41	42	44	46	48
Residence	Million	54	68	87	105	110	114	120	125	130	133
Households with service ²	Percent	79	85	91	93	93	94	95	96	96	96
Average daily conversations:											
Bell companies ^{1,3}	Million	225	287	379	470	481	498	519	561	576	595
Local	Million	215	273	356	438	448	462	478	515	526	541
Long distance	Million	10	14	23	32	33	36	40	45	50	54
Independent companies ³	Million	60	80	107	143	146	146	160	176	180	192
Local	Million	58	77	103	136	137	137	150	165	166	176
Long distance	Million	2	3	4	7	9	9	10	11	14	16
Toll rates in effect, Dec. 31, from New York City to—⁴											
Philadelphia	Dollar	.50	.50	.50	.60	.90	.99	1.01	1.01	1.01	1.05
Chicago	Dollar	1.45	1.40	1.05	1.15	1.20	1.18	1.18	1.18	1.18	1.25
Denver	Dollar	1.80	1.70	1.25	1.35	1.30	1.24	1.24	1.24	1.24	1.31
San Francisco	Dollar	2.25	2.00	1.35	1.45	1.36	1.30	1.30	1.30	1.30	1.37
London	Dollar	(NA)	(NA)	3.60	3.60	3.60	3.60	3.60	4.50	4.50	4.80
Cairo	Dollar	(NA)	(NA)	(NA)	9.00	9.00	9.00	9.00	8.00	8.00	9.45
Tokyo	Dollar	(NA)	9.00	8.00	9.00	9.00	9.00	9.00	7.50	7.35	7.80
Buenos Aires	Dollar	(NA)	(NA)	8.00	8.00	8.00	8.00	8.00	8.00	6.75	7.05

NA Not available. ¹ See headline, table 952. ² See footnote 3, table 957 for definition. Based on revised household counts. ³ Includes messages originating in independent company areas routed in part over Bell facilities. ⁴ Source: Federal Communications Commission, tariff releases. Rates for dialing station-to-station, daytime, 3-minute calls.

Source: Except as noted, American Telephone and Telegraph Company, New York, N.Y., unpublished data.

NO. 957. TELEPHONES IN USE, BY STATES: 1970 AND 1979

[As of Dec. 31]

STATE	TELEPHONES					PERCENT HOUSE- HOLDS WITH SERVICE ³		STATE	TELEPHONES					PERCENT HOUSE- HOLDS WITH SERVICE ³	
	Number (1,000)		Percent owned by Bell ¹		Per 100 popula- tion, ² 1979				Number (1,000)		Percent owned by Bell ¹		Per 100 popula- tion, ² 1979		
	1970	1979	1970	1979		1970	1979		1970	1979	1970	1979			
U.S.....	120,155	175,535	83	81	57	92	98	Mo.....	2,753	3,798	83	80	58	91	87
Ala.....	1,563	2,528	84	83	50	80	91	Mont.....	357	604	84	82	56	89	85
Alaska.....	85	260	-	-	36	(NA)	89	Nebr.....	884	1,297	58	58	61	96	101
Ariz.....	956	1,970	97	96	53	82	101	Nev.....	333	745	35	32	63	84	100
Ark.....	859	1,437	73	71	47	77	90	N.H.....	425	701	95	95	58	99	103
Calif.....	13,306	20,164	79	78	61	94	99	N.J.....	4,786	6,523	98	98	66	99	106
Colo.....	1,374	2,318	98	98	57	93	98	N. Mex.....	494	861	87	86	46	80	91
Conn.....	2,061	2,652	99	99	64	100	103	N.Y.....	12,416	12,991	92	91	54	97	96
Del.....	380	520	100	100	64	97	103	N.C.....	2,385	4,110	52	53	53	82	95
D.C.....	878	1,091	100	100	81	100	103	N. Dak.....	321	564	70	74	63	94	100
Fla.....	4,142	7,751	68	64	59	88	102	Ohio.....	6,201	8,012	77	75	56	94	97
Ga.....	2,413	4,089	86	86	55	83	95	Okl.....	1,469	2,331	88	86	57	88	97
Hawaii.....	424	691	-	-	47	(NA)	107	Oreg.....	1,190	1,995	78	72	55	89	95
Idaho.....	358	691	80	79	54	87	98	Pa.....	7,476	9,741	83	81	62	95	100
Ill.....	7,110	10,097	83	83	66	94	100	R.I.....	531	712	100	100	57	96	100
Ind.....	2,905	4,135	66	64	57	90	95	S.C.....	1,168	2,076	74	72	50	80	93
Iowa.....	1,625	2,278	70	68	59	95	98	S. Dak.....	335	517	81	79	56	91	97
Kans.....	1,301	1,824	83	84	61	93	95	Tenn.....	1,847	3,191	84	83	53	84	95
Ky.....	1,435	2,307	73	71	48	80	90	Texas.....	6,329	10,803	84	81	55	86	97
La.....	1,781	2,879	95	94	52	87	97	Utah.....	596	1,042	96	96	53	93	99
Maine.....	490	793	90	88	54	93	102	Vt.....	236	364	87	86	52	97	108
Md.....	2,482	3,515	100	100	62	93	102	Va.....	2,476	3,824	80	79	53	86	98
Mass.....	3,523	4,551	100	100	58	98	100	Wash.....	1,996	3,198	77	74	56	91	97
Mich.....	5,135	7,245	89	87	60	95	101	W. Va.....	763	1,118	87	86	44	82	90
Minn.....	2,248	3,130	82	78	57	97	100	Wis.....	2,370	3,480	72	69	55	95	100
Miss.....	891	1,536	95	95	47	71	86	Wyo.....	196	375	94	94	56	89	93

- Represents zero. NA Not available. ¹Includes 463,200 service telephones (noncompany telephones for which switching service is provided) in 1970, and 373,261 in 1979. ²Residential telephones per 100 population. Based on Bureau of the Census enumerated resident population as of April 1, 1980. ³Households with service are sum of residence main, apartment house private branch exchange and residence service main telephones, and other residence private branch exchange systems. There tends to be a slight overstatement of the proportion of households with telephone service.

Source: U.S. Federal Communications Commission, *Statistics of Communications Common Carriers*, annual.

NO. 958. COMMERCIAL BROADCAST STATIONS, NUMBER AND REVENUES: 1950 TO 1979

[Revenues in millions of dollars. Covers reporting stations. As of Dec. 31. Includes Puerto Rico and Virgin Islands. Revenues are total time sales of all networks and stations, less commissions to agencies plus incidental revenues (e.g., sale of talent and program material). See also *Historical Statistics, Colonial Times to 1970*, series R 111-112 and R 128-129]

STATION	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978	1979
Stations.....	2,336	3,179	4,218	4,867	5,584	6,136	6,228	6,339	6,316	6,462	6,492
Net broadcast revenues.....	550	1,198	1,866	2,757	3,945	5,384	5,819	7,218	8,163	9,585	10,750
AM and AM-FM stations.....	2,143	2,704	3,470	3,941	4,209	4,367	4,355	4,363	4,292	4,318	4,253
Net broadcast revenues ¹	443	452	592	777	1,077	1,410	1,480	1,687	1,846	2,065	2,177
FM affiliates of AM stations.....	(NA)	(NA)	(NA)	(NA)	225	397	477	562	588	655	681
Net broadcast revenues.....	(NA)	(NA)	(NA)	(NA)	19	65	102	152	203	285	336
FM independent stations.....	86	38	218	338	464	678	703	713	741	777	835
Net broadcast revenues.....	1	1	6	16	41	128	143	180	225	285	362
TV stations.....	107	437	530	588	688	694	693	701	697	714	723
Net broadcast revenues ²	106	745	1,269	1,965	2,808	3,781	4,094	5,199	5,889	6,950	7,875

NA Not available. ¹Prior to 1960, includes 4 national networks and 3 regional networks; 1960-1965, includes 4 national networks; 1970-1977, includes 7 national networks (CBS, MBS, NBC, and ABC's 3 AM and 1 FM) thereafter includes 8 national networks (seven previously stated plus Sheridan Broadcasting Network). ²Includes 4 networks through Sept. 15, 1955; 3 thereafter.

Source: U.S. Federal Communications Commission, *AM-FM Broadcast Financial Data*, annual; *TV Broadcast Financial Data*, annual; and unpublished data.

No. 959. TELEVISION BROADCAST INDUSTRY FINANCES: 1960 TO 1980

[For commercial stations only. Includes Puerto Rico and Virgin Islands. See also headnote, table 958, and *Historical Statistics, Colonial Times to 1970*, series R 123-139]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Number of networks, Dec. 31.....	3	3	3	3	3	3	3	3	3	3
Number of stations reporting, Dec. 31.....	530	588	686	694	693	701	697	714	723	725
VHF.....	454	488	506	514	513	511	512	513	512	507
UHF.....	76	100	180	180	180	190	185	201	211	218
FINANCES (mil. dol.)										
Broadcast revenues, gross.....	1,504	2,328	3,337	4,479	4,860	6,191	7,000	8,286	9,365	10,477
Sales to advertisers.....	1,456	2,266	3,243	4,354	4,722	6,030	6,840	8,102	9,183	10,279
Network sales.....	747	1,142	1,551	2,005	2,157	2,675	3,242	3,726	4,311	4,808
National non-network sales.....	469	796	1,103	1,336	1,449	1,923	1,968	2,336	2,574	2,928
Local sales.....	240	328	589	1,012	1,116	1,432	1,631	2,040	2,298	2,542
Nonadvertising revenues.....	48	62	94	125	138	161	159	164	182	198
Broadcast revenues, net.....	1,269	1,965	2,808	3,781	4,094	5,198	5,989	6,950	7,875	8,808
3 networks ¹	641	1,024	1,457	1,921	2,069	2,604	3,085	3,549	4,093	4,566
Other stations.....	628	941	1,351	1,860	2,025	2,594	2,804	3,400	3,782	4,242
Broadcast expenses of networks and stations.....	1,025	1,517	2,354	3,043	3,314	3,948	4,488	5,287	6,185	7,154
3 networks ¹	546	862	1,290	1,590	1,755	2,150	2,530	2,989	3,517	4,081
Other stations.....	479	655	1,065	1,453	1,559	1,798	1,958	2,307	2,668	3,123
Broadcast income ²	244	448	454	738	780	1,250	1,401	1,653	1,690	1,654
3 networks ¹	95	162	167	331	314	455	555	560	575	534
Other stations.....	149	286	286	406	466	796	846	1,094	1,115	1,119

¹ Includes owned and operated stations.

² Before Federal income tax.

Source: U.S. Federal Communications Commission, *TV Broadcast Financial Data*, annual.

No. 960. RADIO BROADCAST INDUSTRY FINANCES: 1960 TO 1979

[For commercial stations only. Includes Puerto Rico and Virgin Islands. Minus sign (-) denotes loss. See also headnote, table 958, and *Historical Statistics, Colonial Times to 1970*, series R 106-122]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Number of networks, Dec. 31.....	4	4	7	7	7	7	7	7	8	8
Number of stations reporting, Dec. 31.....	3,688	4,279	4,898	5,244	5,438	5,535	5,638	5,619	5,748	5,769
AM and AM-FM.....	3,470	3,941	4,209	4,267	4,361	4,355	4,363	4,292	4,316	4,253
FM independents.....	218	338	464	616	678	703	713	741	777	833
FM affiliates of AM stations ¹	(NA)	(NA)	225	361	397	477	562	586	655	681
FINANCES (mil. dol.)										
Broadcast revenues, gross.....	665	880	1,272	1,664	1,774	1,911	2,247	2,535	2,935	3,198
Revenues from sales to advertisers.....	654	868	1,257	1,647	1,756	1,890	2,226	2,513	2,911	3,172
Network sales.....	45	54	49	59	60	73	92	118	126	139
National non-network sales.....	208	261	355	382	387	416	495	521	592	637
Local sales.....	401	553	853	1,205	1,309	1,401	1,639	1,873	2,192	2,397
Nonadvertising revenues.....	11	12	15	17	18	21	21	22	24	26
Broadcast revenues, net.....	598	793	1,137	1,502	1,603	1,725	2,019	2,275	2,835	2,874
AM and AM-FM ²	592	777	1,077	1,348	1,410	1,480	1,887	1,846	2,065	2,177
FM independents.....	6	16	41	96	128	143	180	225	285	362
FM affiliates of AM stations.....	(NA)	(NA)	19	58	65	102	152	203	285	336
Networks ³	83	74	88	* 112	116	134	166	213	236	253
Other stations.....	535	719	1,049	* 1,398	1,487	1,591	1,853	2,062	2,399	2,621
Broadcast expenses of networks and stations.....	552	715	1,044	1,392	1,519	1,638	1,841	2,028	2,324	2,643
AM and AM-FM ²	544	696	973	1,227	1,315	1,384	1,529	1,642	1,827	2,004
FM independents.....	8	19	47	106	141	152	176	216	262	348
FM affiliates of AM stations.....	(NA)	(NA)	24	58	63	98	136	171	235	291
Networks ³	66	71	90	109	116	128	157	166	193	215
Other stations.....	486	644	955	1,283	1,403	1,510	1,684	1,862	2,131	2,427
Broadcast income ⁴	46	78	93	110	84	91	179	246	311	231
AM and AM-FM ²	48	81	104	121	95	95	158	204	237	173
FM independents.....	-2	-3	-6	-11	-13	-9	4	9	24	14
FM affiliates of AM stations.....	(NA)	(NA)	-5	-1	2	5	17	32	50	45
Networks ³	-3	3	-1	3	-	6	9	47	44	37
Other stations.....	49	75	94	107	84	85	170	200	267	194

- Represents zero. NA Not available. ¹ For 1960 and 1965, reports combined with AM stations. ² Includes national networks. ³ Includes owned and operated stations. ⁴ Unrevised data; will not add to total. ⁵ Before Federal income tax.

Source: U.S. Federal Communications Commission, *AM-FM Broadcast Financial Data*, annual.

NO. 963. RADIO AND TELEVISION STATIONS OWNED BY NEWSPAPERS AND/OR MAGAZINES: 1961 TO 1980

DATE	AM radio	FM radio	TV	DATE	AM radio	FM radio	TV	DATE	AM radio	FM radio	TV
1961, Sept. 1.....	412	147	161	1971, Dec. 1.....	318	209	176	1976, Dec. 1.....	322	238	209
1965, Oct. 31.....	391	170	174	1972, Dec. 1.....	325	171	178	1977, Dec. 1.....	314	238	211
1968, Dec. 4.....	381	191	183	1973, Dec. 1.....	304	211	179	1978, Dec. 1.....	319	252	221
1969, Dec. 1.....	394	245	189	1974, Dec. 1.....	321	236	193	1979, Dec. 1.....	318	257	226
1971, Feb. 1.....	402	248	191	1975, Dec. 1.....	320	238	197	1980, Dec. 1.....	315	264	230

Source: Broadcasting Publications Inc., Washington, D.C., *Broadcasting Yearbook*. (Copyright.)

NO. 964. CABLE TELEVISION—SYSTEMS AND SUBSCRIBERS: 1952 TO 1980

YEAR (As of Jan. 1)	Systems	Subscribers (1,000)	YEAR (As of Jan. 1)	Systems	Subscribers (1,000)	SUBSCRIBER SIZE-GROUP ¹	Systems, 1979 ²
1952.....	70	14	1972.....	2,841	6,000	50,000 and over.....	14
1955.....	400	150	1973.....	2,991	7,300	20,000-49,999.....	108
1960.....	640	650	1974.....	3,158	8,700	10,000-19,999.....	244
1965.....	1,325	1,275	1975.....	3,506	9,800	5,000-9,999.....	391
1967.....	1,770	2,100	1976.....	3,681	10,800	3,500-4,999.....	289
1968.....	2,000	2,800	1977.....	3,632	11,900	1,000-3,499.....	1,259
1969.....	2,260	3,600	1978.....	3,875	13,000	500-999.....	730
1970.....	2,490	4,500	1979.....	4,150	14,100	250-499.....	571
1971.....	2,639	5,300	1980.....	4,225	16,500	Less than 250.....	500

¹ Excludes 74 systems not available by subscriber size-group. ² As of Oct. 15.

Source: Television Digest, Inc., Washington, D.C., *Television Factbook*, annual. (Copyright.)

NO. 965. CABLE TELEVISION—SELECTED CHARACTERISTICS: 1976 TO 1979

[For fiscal year ending in December of year shown. Figures estimated based on financial entities reporting to the FCC. A financial entity is defined as one or more cable television community systems which report to the FCC as one business entity. Data adjusted for nonresponse]

ITEM	Unit	1976	1977	1978	1979	ITEM	Unit	1976	1977	1978	1979
Communities.....	Number.....	7,198	8,369	8,200	8,539	Total assets.....	Mil. dol.....	2,516	2,450	2,871	3,212
Financial entities.....	Number.....	2,349	2,577	2,865	2,992	Operating revenues.....	Mil. dol.....	1,000	1,208	1,511	1,817
Percent reporting.....	Percent.....	84	90	90	94	Operating expenses.....	Mil. dol.....	616	717	918	1,127
Subscribers.....	1,000.....	12,636	12,832	14,114	15,760	Operating income.....	Mil. dol.....	384	489	593	690
Avg. subscriber rate per month.....	Dollars.....	6.49	6.85	7.03	7.37	Net income ¹	Mil. dol.....	58	134	137	199
						Pay cable revenue.....	Mil. dol.....	41	86	192	355

¹ Before tax.

Source: U.S. Federal Communications Commission, *Cable Television Revenues*, annual.

NO. 966. PUBLIC TELEVISION STATIONS: 1961 TO 1980

[Based on a "typical" broadcast week through 1972; calendar year data for 1974 and 1976; fiscal year data thereafter. General programming is directed at the general community. Instructional programming is directed at students in the classroom or otherwise in the general context of formal education. 1980 preliminary]

ITEM	1961	1966	1968	1970	1972	1974	1976	1978	1980
Stations.....	56	115	¹ 153	¹ 190	220	² 238	² 253	272	281
Total weekly broadcast hours.....	2,186	5,688	¹ 8,534	¹ 12,217	15,587	18,321	22,096	26,064	28,036
General programs.....	1,431	3,248	4,671	7,697	7,904	10,868	14,329	17,929	19,508
Percent of total hours.....	65.5	57.5	54.7	63.0	50.7	59.3	64.8	68.8	69.6
Instructional programs.....	755	2,440	3,863	4,520	7,683	⁴ 7,453	⁴ 7,766	8,135	8,528
Average weekly broadcast hours per station.....	39.0	49.5	56.1	65.3	70.9	80.7	90.9	95.8	99.8
General programming.....	25.6	28.2	30.7	41.1	36.0	47.9	59.0	65.9	69.4
Instructional programming.....	13.8	21.2	25.4	24.2	34.9	⁴ 32.8	⁴ 31.9	29.9	30.4

¹ 152 stations reported in 1968 and 187 in 1970; details include data for reporting stations only. ² Includes data for 227 stations only, representing 147 primary broadcasters; does not include secondary broadcasters. ³ Includes data for 243 stations only, representing 151 primary broadcasters. ⁴ Includes all material from Children's Television Workshops.

Source: Through 1970, National Instructional Television Center, Bloomington, Ind., *One Week of Educational Television, 1970* (copyright); 1972, Corporation for Public Broadcasting, *One Week of Public TV, April 1972*, and unpublished data; 1974-1980, Corporation for Public Broadcasting, *PTV Programming Content by Category Report Series*, and unpublished data.

No. 967. PUBLIC BROADCASTING SYSTEMS—INCOME BY SOURCE: 1972 TO 1980

[In millions of dollars, except as indicated, Fiscal year data. Beginning 1976 includes nonbroadcast income]

INCOME SOURCE	1972	1974	1975	1976	1977	1978	1979	1980 ¹	PERCENT DISTRIBUTION		
									1972	1975	1980
Number of CPB-qualified public radio stations.....	132	159	169	176	182	199	210	217	(X)	(X)	(X)
Number of public TV stations.....	228	247	260	266	274	280	281	290	(X)	(X)	(X)
Total income.....	234.3	298.0	369.8	415.8	482.1	552.3	598.8	696.6	100.0	100.0	100.0
Federal government.....	59.8	67.0	92.3	112.6	135.3	160.8	163.1	192.3	25.5	25.0	27.6
State and local government.....	107.7	146.8	162.4	175.9	191.3	218.2	241.0	265.8	46.0	43.9	38.2
Subscribers and auction/marathon.....	17.6	31.5	42.3	55.4	63.7	75.2	86.1	101.8	7.5	11.4	14.6
Business and industry.....	(²)	18.3	25.1	29.4	40.0	49.0	57.9	71.9	(²)	6.8	10.3
Foundation.....	25.1	17.9	28.7	23.0	22.6	17.2	20.4	23.4	10.7	7.8	3.4
Other.....	² 24.1	16.3	19.0	19.5	29.3	32.0	30.2	41.6	² 10.3	5.1	6.0

X Not applicable. ¹ Preliminary. ² Business and industry included in other.Source: Corporation for Public Broadcasting, Washington, D.C., *Status Report of Public Broadcasting, 1980*, and unpublished data.

No. 968. RADIOS AND TELEVISION SETS—PRODUCTION AND IMPORTS, BY TYPE: 1960 TO 1980

[In thousands, except percent]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
RADIOS¹											
Total.....	24,463	41,726	44,427	50,198	43,992	34,515	44,101	52,926	48,035	40,029	37,726
Percent FM/AM-FM.....	(NA)	15.2	48.0	47.9	59.4	65.0	59.6	65.9	66.7	68.6	76.8
Table model.....	4,511	4,370	5,714	3,023	2,764	2,253	2,876	1,990	1,805	1,250	938
Percent FM/AM-FM.....	16.8	32.0	72.8	83.6	81.7	80.6	66.4	54.5	61.3	72.5	58.3
Clock model.....	3,780	5,448	4,874	10,425	9,174	6,641	7,353	11,447	11,488	9,354	9,445
Percent FM/AM-FM.....	4.1	16.0	53.8	72.7	79.1	89.1	85.8	89.4	92.3	93.4	97.6
Portable model.....	9,740	21,871	23,461	24,204	21,292	16,382	21,427	26,599	22,074	17,044	17,721
Percent FM/AM-FM.....	1.4	15.7	55.9	42.9	61.9	68.4	55.4	61.4	59.0	63.7	68.6
Auto model.....	6,432	10,037	10,378	12,546	10,762	9,239	12,445	12,890	12,668	12,381	9,622
Percent FM/AM-FM.....	(NA)	6.3	13.8	28.3	31.8	37.7	49.7	56.0	57.7	56.1	73.2
TELEVISION SETS²											
Total.....	5,708	11,028	9,483	17,367	15,279	10,637	14,131	15,431	17,407	16,619	17,508
Monochrome sets.....	³ 5,708	³ 8,382	4,852	7,296	6,868	4,418	5,937	6,090	6,733	6,576	6,729
Table and portable.....	3,274	6,956	4,463	7,049	6,732	4,354	5,863	6,033	6,706	6,559	6,714
Console.....	2,211	1,318	389	247	136	64	74	57	27	17	15
Color sets ³	(NA)	2,646	4,631	10,071	8,411	6,219	8,194	9,341	10,674	10,043	11,803
Table and portable.....	(NA)	(NA)	2,495	6,700	5,698	4,186	5,785	6,722	7,913	7,727	9,373
Console.....	(NA)	(NA)	2,018	3,313	2,674	2,008	2,377	2,591	2,739	2,295	2,419

NA Not available. ¹ Products of U.S. manufacturers and imports by distributors or dealers for resale. Beginning 1973, also includes products purchased by U.S. manufacturers. ² Products produced or purchased by U.S. manufacturers for sale with their brand name. Beginning 1973, also includes products imported directly by distributors or dealers for resale. ³ Includes combinations, not shown separately.Source: Electronic Industries Association, Washington, D.C., *Electronic Market Data Book*, annual. (Copyright.)

No. 969. PUBLISHING INDUSTRY—SUMMARY: 1967 TO 1977

[In millions of dollars, except as noted. Based on the censuses of manufactures; for details, see Appendix III]

ITEM	NEWSPAPERS			PERIODICALS			BOOKS		
	1967	1972	1977	1967	1972	1977	1967	1972	1977
Establishments, number.....	8,094	8,116	8,867	2,510	2,535	2,994	1,022	1,205	1,745
With 20 or more employees.....	2,029	2,120	2,147	454	453	525	287	307	346
Employees ¹ (1,000).....	336	349	349	79	67	70	52	57	60
Payroll.....	2,224	3,168	4,306	634	709	1,020	390	558	830
Value of receipts.....	5,757	8,263	13,056	3,096	3,511	6,057	2,135	2,857	4,794
Cost of materials.....	1,574	2,044	3,539	1,234	1,404	2,289	763	960	1,544
Value added by manufacture ²	4,185	6,220	9,519	1,869	2,110	3,763	1,457	1,836	3,262
New capital expenditures.....	247	360	554	58	57	86	55	48	78
Fixed assets, gross value.....	2,627	3,639	5,026	607	588	725	338	512	680
Inventories, yearend.....	163	153	382	165	198	350	573	629	992

¹ Represents the average number of production workers plus the number of other employees in mid-March. ² Derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments. This result is then adjusted by the addition of value added by merchandising operations, plus the net change in finished goods and work-in-process inventories between the beginning and the end of the year.Source: U.S. Bureau of the Census, *Census of Manufactures, 1977*, Industry Reports, series MC 77-1-27A.

NO. 970. NEWSPAPERS, PERIODICALS, BOOK PUBLISHING AND PRINTING—NUMBER OF COMPANIES, AND SHARE OF TOTAL SHIPMENTS BY LARGEST FIRMS: 1967 TO 1977

[Largest companies are ranked by value added by manufacture]

ITEM	NEWSPAPERS			PERIODICALS			BOOK PUBLISHING			BOOK PRINTING		
	1967	1972	1977	1967	1972	1977	1967	1972	1977	1967	1972	1977
Number of companies (1,000).....	7.6	7.5	7.8	2.4	2.5	2.9	1.0	1.1	1.7	.7	.7	.9
Value of shipments (bil. dol.).....	5.8	8.3	13.1	3.1	3.5	6.1	2.1	2.9	4.8	.8	.9	1.7
Percent accounted for by:												
4 largest companies.....	16	17	19	24	26	22	20	19	17	21	24	25
8 largest companies.....	25	28	31	37	38	35	32	31	30	30	36	35
20 largest companies.....	40	43	45	56	54	52	57	56	57	48	53	49
50 largest companies.....	56	60	62	72	69	67	77	77	74	64	68	64

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977, Concentration Ratios in Manufacturing*, MC 77 (SR)-9.

NO. 971. NEWSPAPERS AND PERIODICALS: 1950 TO 1981

[Prior to 1960, excludes Alaska and Hawaii. Data refer to year of compilation of the Directory cited as the source, i.e., generally to year preceding year shown. See also *Historical Statistics, Colonial Times to 1970*, series R 232-243]

ITEM	1950	1955	1960	1965	1970	1975	1977	1978	1979	1980	1981
Newspapers.....	12,115	11,415	11,315	11,383	11,383	11,400	11,089	10,536	9,827	9,620	9,676
Semiweekly.....	337	324	324	357	423	506	550	569	543	537	508
Weekly.....	9,794	9,126	8,979	8,989	8,903	8,824	8,506	7,980	7,357	7,159	7,238
Daily.....	1,894	1,860	1,854	1,843	1,838	1,819	1,811	1,783	1,744	1,744	1,747
Other.....	90	105	158	194	219	251	225	206	183	180	183
Periodicals.....	6,960	7,648	8,422	8,990	9,573	9,657	9,732	9,582	9,719	10,236	10,873
Weekly.....	1,443	1,602	1,580	1,716	1,856	1,918	1,882	1,827	1,764	1,716	1,921
Semimonthly ²	416	503	527	550	589	537	548	541	594	645	667
Monthly.....	3,694	3,782	4,113	4,195	4,314	4,087	4,019	3,846	3,850	3,995	4,199
Bimonthly.....	436	608	743	876	957	1,009	1,045	1,031	1,043	1,114	1,193
Quarterly.....	604	674	895	1,030	1,108	1,093	1,149	1,172	1,261	1,444	1,484
Other.....	367	479	564	623	749	1,013	1,089	1,165	1,207	1,332	1,409

¹ Due to processing errors, detail will not add to total. ² Includes fortnightly (every two weeks).

Source: Ayer Press, Bala Cynwyd, Pa., *Ayer Directory Publications*, annual. (Copyright.)

NO. 972. DAILY AND SUNDAY NEWSPAPERS—NUMBER AND CIRCULATION, 1950 TO 1980, AND BY CIRCULATION SIZE-GROUP: 1980

[Prior to 1960, excludes Alaska and Hawaii. Number of newspapers as of the following dates: 1950-1960, Oct. 1; 1965, Jan. 1; 1970-1980, Feb. 1 of the following year. Circulation figures as of Sept. 30, except 1950-1965 as of Oct. 1. For English language newspapers only]

CIRCULATION SIZE-GROUP	NUMBER OF NEWSPAPERS				CIRCULATION (mil.) ²				PERCENT OF ALL NEWSPAPERS			
	Daily			Sun-day	Daily		Sun-day		Number		Circulation ²	
	Total ¹	Morn-ing	Eve-ning		Total ¹	Morn-ing	Eve-ning		Total daily	Sun-day	Total daily	Sun-day
1950.....	1,772	322	1,450	549	53.8	21.3	32.6	46.6	(X)	(X)	(X)	(X)
1955.....	1,760	316	1,454	541	56.1	22.2	34.0	46.4	(X)	(X)	(X)	(X)
1960.....	1,763	312	1,459	563	58.9	24.0	34.9	47.7	(X)	(X)	(X)	(X)
1965.....	1,751	320	1,444	562	60.4	24.1	36.3	48.6	(X)	(X)	(X)	(X)
1970.....	1,748	334	1,429	586	62.1	25.9	36.2	49.2	(X)	(X)	(X)	(X)
1975.....	1,756	339	1,436	639	60.7	25.5	35.2	51.1	(X)	(X)	(X)	(X)
1978.....	1,756	355	1,419	696	62.0	27.7	34.3	54.0	(X)	(X)	(X)	(X)
1979.....	1,763	382	1,405	720	62.2	28.6	33.6	54.4	(X)	(X)	(X)	(X)
1980, total.....	1,745	387	1,388	736	62.2	29.4	32.8	54.7	100.0	100.0	100.0	100.0
500,001 and over.....	12	11	4	18	10.1	8.5	1.6	15.1	.7	2.4	16.2	27.6
250,001-500,000.....	23	13	13	33	7.5	3.9	3.6	11.1	1.3	4.5	12.1	20.3
100,001-250,000.....	86	49	43	77	13.2	7.5	5.7	12.1	4.9	10.5	21.2	22.1
50,001-100,000.....	145	74	77	94	9.5	4.8	4.8	6.5	8.3	12.8	15.3	11.9
25,001-50,000.....	272	87	194	151	9.6	3.0	6.5	5.6	15.6	20.5	15.4	10.2
10,001-25,000.....	522	78	447	202	8.2	1.3	6.9	3.3	29.9	27.4	13.2	6.0
10,000 or less.....	685	75	610	161	4.1	.4	3.7	1.0	39.3	21.9	6.6	1.8

X Not applicable. ¹ Beginning 1955, all-day newspapers are counted in both morning and evening columns but only once in total. Circulation is divided equally between morning and evening. ² Percents calculated on gross totals.

Source: Editor & Publisher Co., Inc., New York, N.Y., *Editor & Publisher International Year Book*, annual. (Copyright.)

NO. 973. DAILY AND SUNDAY NEWSPAPERS—NUMBER AND CIRCULATION, 1970 TO 1980, AND BY STATES, 1980

[Number of newspapers as of Feb. 1 of the following year, except 1977, as of Mar. 30 of the following year. Circulation figures as of Sept. 30. For English language newspapers only. See also *Historical Statistics, Colonial Times to 1970*, series R 224-231]

YEAR AND STATE	DAILY			SUNDAY		YEAR AND STATE	DAILY			SUNDAY	
	Number	Circulation		Number	Net paid circulation (1,000)		Number	Circulation		Number	Net paid circulation (1,000)
		Net paid (1,000)	Per capita ¹					Net paid (1,000)	Per capita ¹		
1970.....	1,748	62,108	.305	586	49,217	Mass.....	48	2,024	.353	9	1,483
1972.....	1,761	62,510	.299	603	49,389	Mich.....	52	2,448	.264	15	2,361
1973.....	1,774	63,147	.299	634	51,717	Minn.....	30	1,019	.250	11	1,017
1974.....	1,768	61,877	.290	641	51,679	Miss.....	25	398	.158	13	320
1975.....	1,756	60,655	.282	639	51,096	Mo.....	53	1,548	.315	18	1,149
1976.....	1,762	60,977	.280	650	51,565						
1977.....	1,753	61,495	.280	668	52,429	Mont.....	11	197	.250	8	198
1978.....	1,756	61,990	.279	696	53,990	Nebr.....	19	487	.310	6	411
1979.....	1,763	62,223	.277	720	54,380	Nev.....	9	222	.278	5	221
						N.H.....	9	166	.213	2	78
1980.....	1,745	62,202	.275	736	54,676	N.J.....	27	1,693	.230	16	1,592
Ala.....	28	745	.192	21	685	N. Mex.....	20	273	.210	14	251
Alaska.....	8	107	.266	1	59	N.Y.....	79	7,885	.449	33	5,995
Ariz.....	19	621	.228	8	578	N.C.....	55	1,378	.235	24	1,131
Ark.....	33	480	.210	17	482	N. Dak.....	10	196	.300	3	107
Calif.....	122	6,014	.254	50	5,569	Ohio.....	95	3,290	.305	28	2,532
						Okl.....	54	838	.277	44	862
Colo.....	27	902	.312	10	927						
Conn.....	25	907	.292	7	677	Oreg.....	21	702	.267	6	618
Del.....	3	156	.262	2	139	Pa.....	101	3,657	.325	19	3,088
D.C.....	2	914	1.433	2	1,125	R.I.....	7	316	.334	2	239
Fla.....	52	2,633	.270	33	2,717	S.C.....	20	603	.193	8	497
Ga.....	36	1,037	.190	15	1,012	S. Dak.....	12	174	.252	4	126
Hawaii.....	5	236	.247	2	220	Tenn.....	31	1,081	.235	16	1,004
Idaho.....	14	209	.221	7	190	Tex.....	118	3,439	.242	97	3,935
Ill.....	77	2,838	.249	24	2,795	Utah.....	6	278	.190	5	274
Ind.....	78	1,631	.287	18	1,190	Vt.....	8	118	.231	3	76
Iowa.....	41	884	.303	9	743	Va.....	35	1,091	.204	15	854
Kans.....	48	597	.253	18	487	Wash.....	26	1,187	.297	16	1,103
Ky.....	27	757	.207	11	602	W. Va.....	25	471	.242	9	392
La.....	25	812	.193	14	806	Wis.....	36	1,222	.260	10	928
Maine.....	9	290	.258	1	118	Wyo.....	10	97	.206	3	64
Md.....	14	703	.167	4	649						

¹ Per capita based on total resident population enumerated as of April 1, 1970 and 1980, and estimated as of July 1 for other years.

Source: Editor & Publisher Co., Inc., New York, N.Y., *Editor & Publisher International Year Book*, annual. (Copyright.)

NO. 974. NEWSPRINT CONSUMPTION AND NEWSPAPER PAGES: 1960 TO 1980

[Consumption data based on a 30-lb. weight. In 1974, a number of newsprint producers reduced the basic weight of newsprint from 32 pounds, for 500 sheets measuring 24" by 36", to 30 pounds. Data prior to 1975 have been adjusted for comparability. See table 1273 for additional newsprint data. See also *Historical Statistics, Colonial Times to 1970*, series R 218-223]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980
Newsprint consumption, total ¹	Mil. sh. ton	7.0	8.0	9.7	9.3	9.6	10.2	10.9	11.2	11.1
Per capita ²	Pound	77.4	82.8	95.2	86.9	89.5	94.5	99.6	102.2	100.0
By newspapers ³	Mil. sh. ton	6.5	7.4	8.5	8.6	8.9	9.5	10.2	10.4	10.8
Advertising content ⁴	Percent	59.4	60.5	61.5	63.7	63.5	⁵ 63.1	⁵ 63.4	⁵ 63.7	(NA)
Other content ⁴	Percent	40.6	39.5	38.5	36.3	36.5	⁵ 36.9	⁵ 36.6	⁵ 36.3	(NA)
Price per ton ⁶	Dollar	135	135	152	260	285	305	320	375	399
Newsprint pages per issue: ⁵										
Daily	Number	43	50	47	57	55	54	⁶ 60	⁶ 64	66
Sunday	Number	142	167	145	180	177	177	⁶ 196	⁶ 207	208

NA Not available.

¹ Estimated.

² Based on U.S. Bureau of the Census estimated resident population as of July 1.

³ Estimated. 1980 preliminary. Source: Bureau of Industrial Economics, unpublished data.

⁴ Based on data from Media Records, Inc.

⁵ Source: Editor & Publisher Co., Inc., New York, N.Y., *Editor & Publisher*, weekly (copyright).

⁶ Prices in the

Source: Except as noted, American Newspaper Publishers Association, Reston, Va., *Newsprint Statistics*, annual.

No. 975. COPYRIGHT REGISTRATION, BY SUBJECT MATTER: 1960 TO 1980

[In thousands. For years ending June 30 except beginning 1978, ending Sept. 30. Comprises claims to copyright registered for both U.S. and foreign works. See also *Historical Statistics, Colonial Times to 1970*, series W 82-85]

SUBJECT MATTER OF COPYRIGHT	1960	1970	1975	SUBJECT MATTER OF COPYRIGHT	1978 ²	1979	1980
Total	243.9	316.5	401.3	Total	415.7	429.0	464.7
Books.....	60.0	88.4	111.9	Monographs.....	112.9	122.8	119.2
Periodicals (issues).....	64.2	83.9	95.1	Serials.....	110.9	109.6	117.9
Contributions to newspapers, periodicals.....	3.3	1.9	2.6	Musical works.....	114.8	108.3	120.2
Lectures, sermons, addresses.....	.8	1.7	1.9	Dramatic works, including any accompanying music.....	6.1	7.1	8.0
Dramatic or dramatico-musical compositions.....	2.4	3.4	4.9	Choreography and pantomimes.....	(2)	(2)	(2)
Musical compositions.....	65.6	88.9	114.8	Motion pictures and filmstrips.....	8.5	5.7	8.5
Maps.....	1.8	1.9	1.8	Two dimensional works of fine and graphic art, including, prints and art reproductions.....	12.8	12.7	16.2
Works of art, models, or designs.....	5.3	6.8	11.0	Sculptural works.....	.8	2.4	2.9
Reproductions of works of art.....	2.5	3.0	5.0	Technical drawings and models.....	1.0	1.5	.8
Scientific or technical drawings.....	.8	.8	.9	Photographs.....	1.4	1.2	1.2
Photographs, prints, and illustrations.....	4.2	4.5	6.6	Cartographic works.....	1.2	1.7	.8
Commercial prints and labels.....	8.1	5.3	4.7	Commercial prints and labels.....	7.8	2.6	4.7
Motion picture photoplays.....	2.8	1.2	1.0	Works of applied art.....	6.1	13.2	14.2
Motion pictures not photoplays.....	.7	1.3	2.0	Sound recordings.....	9.1	10.7	12.8
Sound recordings ¹	(x)	(x)	8.9	Multimedia works.....	.6	1.3	2.0
Renewals of all classes.....	21.4	23.3	28.2	Machine readable works.....	.6	1.2	1.9
				Renewals.....	21.2	27.0	33.0

X Not applicable. Z Less than 50. ¹ Registrations began in 1972. ² Extrapolated from 11 months. Includes 50,000 registrations in-process but not completed on Sept. 30, 1978. ³ Due to a change in the copyright law, data for 1978 and later years are not comparable with previous years.

Source: The Library of Congress, *Annual Report*.

No. 976. QUANTITY OF BOOKS SOLD AND VALUE OF U.S. DOMESTIC CONSUMER EXPENDITURES, BY TYPE OF PUBLICATION AND BY MARKET AREA: 1974 TO 1979

[Includes all titles released by publishers in the U.S. and imports which appear under the imprints of American publishers. Multi-volume sets, such as encyclopedias, are counted as one unit]

ITEM	UNITS SOLD (millions)					CONSUMER EXPENDITURES (mil. dol.)				
	1974	1976	1977	1978	1979	1974	1976	1977	1978	1979
Total	1,411	1,435	1,529	1,609	1,641	3,954	5,058	5,762	6,612	7,250
TYPE OF PUBLICATION										
Trade.....	272	260	287	323	324	897	1,071	1,265	1,506	1,586
Adult.....	187	176	194	217	222	711	858	1,033	1,239	1,310
Hardbound.....	107	99	111	128	126	548	632	763	913	955
Juvenile.....	85	84	93	106	102	186	213	232	267	276
Hardbound.....	50	48	53	54	59	161	177	188	201	217
Religious.....	62	94	106	112	108	206	350	401	432	464
Hardbound.....	28	40	44	44	41	160	251	281	299	321
Professional.....	46	47	51	50	53	441	566	645	775	868
Hardbound.....	24	26	29	28	29	351	442	509	613	686
Bookclubs.....	196	207	212	231	221	287	360	396	455	493
Hardbound.....	59	59	57	61	64	215	266	286	128	124
University Press.....	8	8	7	8	8	49	56	58	65	71
Hardbound.....	4	4	3	4	4	39	44	44	49	54
Elit text ¹	270	242	247	252	261	805	662	739	817	913
Hardbound.....	108	86	82	92	100	351	356	405	440	504
College text ¹	83	84	84	89	92	482	665	720	828	926
Hardbound.....	56	58	54	57	60	377	531	553	636	716
Mail order publications.....	30	40	40	43	46	253	378	405	452	499
Mass market paperbacks.....	443	452	494	500	527	477	691	860	965	1,073
Subscription reference.....	1	1	1	1	1	257	259	273	317	357
MARKET AREA										
General retailers.....	533	560	618	664	691	1,150	1,594	1,889	2,221	2,497
College stores.....	183	185	197	201	189	685	911	1,047	1,199	1,223
Libraries and institutions.....	59	62	66	70	71	323	434	486	556	601
Schools.....	304	288	301	305	318	771	846	854	1,053	1,176
Direct to consumers.....	262	288	300	317	319	960	1,203	1,305	1,488	1,659
Other.....	70	52	47	52	53	65	70	81	95	94

¹ Elementary, high school, and college workbooks, manuals, reprints, and objective tests included in paperback.

Source: Book Industry Study Group, Inc., *Book Industry Trends*, 1980. (Copyright.)

No. 977. NEW BOOKS AND NEW EDITIONS PUBLISHED, BY SUBJECT: 1960 TO 1980

[Prior to 1978, book entries comprise all titles submitted for listing in Bowker's *Weekly Record* during calendar year. Beginning 1978, covers listings in year shown, plus titles issued in that year which were listed in following six months. Comprises new books (published for first time) and new editions (published with changes in text or format). Excludes government publications; books sold only by subscription; dissertations; periodicals and quarterlies; and pamphlets under 49 pages. 1980 data not strictly comparable with later years due to changes in classifications. See also *Historical Statistics, Colonial Times to 1970*, series R 191-216]

SUBJECT	1960	1965	1970	1975	1978	1979	1980		
							Total	New books	New editions
Total	15,012	28,595	36,071	39,372	41,216	45,182	42,377	34,030	8,347
Agriculture.....	156	270	265	458	552	538	461	362	79
Art.....	470	974	1,169	1,561	1,483	2,021	1,691	1,437	254
Biography.....	879	685	1,536	1,968	1,891	2,042	1,891	1,399	492
Business.....	305	537	797	820	1,248	1,362	1,165	935	250
Education.....	348	954	1,178	1,038	1,063	1,121	1,011	876	195
Fiction.....	2,440	3,241	3,137	3,805	3,693	3,264	2,835	1,918	917
General reference.....	282	634	846	1,113	1,310	1,471	1,643	1,428	215
History.....	865	1,682	1,995	1,823	2,016	2,160	2,220	1,589	651
Home economics.....	197	300	321	728	845	897	879	767	112
Juvenile.....	1,725	2,895	2,640	2,292	2,909	3,052	2,859	2,585	274
Language.....	228	527	472	438	458	560	529	433	96
Law.....	394	436	604	915	1,065	1,218	1,102	816	286
Literature.....	736	1,688	3,085	1,904	1,800	1,749	1,686	1,317	369
Medicine.....	520	1,218	1,476	2,282	2,788	3,257	3,292	2,667	625
Music.....	96	800	404	305	439	389	357	236	121
Philosophy, psychology.....	480	979	1,280	1,374	1,367	1,377	1,429	1,097	332
Poetry, drama.....	492	994	1,474	1,501	1,297	1,361	1,179	962	217
Religion.....	1,104	1,855	1,788	1,773	2,180	2,325	2,055	1,635	420
Science.....	1,089	2,562	2,358	2,942	2,877	3,156	3,109	2,551	556
Sociology, economics.....	754	3,242	5,912	6,580	6,465	7,715	7,152	5,876	1,276
Sports, recreation.....	286	591	799	1,225	1,160	1,122	971	808	163
Technology.....	698	1,153	1,141	1,720	1,896	2,391	2,397	1,923	414
Travel.....	466	883	1,394	794	414	634	504	413	91

Source: R. R. Bowker Co., New York, N.Y., *Publishers Weekly*. (Copyright by Xerox Corporation.)

No. 978. BOOKS AND PERIODICALS—AVERAGE RETAIL PRICES: 1970 TO 1980

[See headnote, table 977]

SUBJECT	BOOKS (per vol.)				SUBJECT	PERIODICALS ⁵			
	1970	1975	1979	1980		1970	1975	1979	1980
Hard cover books ¹	\$11.66	\$16.19	\$23.96	\$24.64	Total	\$10.41	\$19.94	\$30.37	\$34.54
Agriculture.....	10.42	13.72	20.94	27.55	Agriculture.....	5.17	9.70	14.16	15.24
Art.....	16.16	17.90	21.85	27.70	Business and economics.....	9.03	15.26	22.97	25.42
Biography.....	11.49	14.09	17.52	19.77	Chemistry and physics.....	33.45	76.84	118.33	137.45
Business.....	12.45	16.54	23.11	22.45	Children's periodicals.....	2.65	4.69	6.70	7.85
Economics ²	12.38	21.65	43.57	31.76	Education.....	7.09	14.72	21.61	23.45
Education.....	10.75	10.81	15.10	17.01	Engineering.....	12.07	26.64	42.95	49.15
Fiction.....	5.51	8.31	11.99	12.46	Fine and applied arts.....	7.50	11.09	17.42	18.67
General reference.....	(NA)	21.60	28.56	29.84	History.....	6.90	11.14	14.67	15.77
History.....	14.75	15.85	18.79	22.78	Home economics.....	7.56	14.24	23.21	24.63
Home economics.....	7.30	10.27	11.95	13.31	Industrial arts.....	7.59	10.59	17.65	20.70
Juveniles.....	4.05	5.82	7.14	8.16	Journalism, communications.....	6.36	14.70	23.86	27.34
Language.....	(NA)	15.80	18.25	22.16	Labor and industrial relations.....	3.59	7.40	15.74	18.84
Law.....	16.41	23.22	29.44	33.25	Law.....	9.84	15.00	20.98	23.00
Literature.....	11.05	14.89	17.84	18.70	Library science.....	7.88	14.16	20.82	23.25
Medicine.....	18.05	22.15	29.27	34.28	Literature and languages.....	6.15	10.41	13.84	15.30
Music.....	11.44	14.83	18.93	21.79	Mathematics, botany, geology, and general science.....	18.11	35.95	58.84	67.54
Philosophy, psychology.....	10.72	12.75	17.96	21.70	Medicine.....	23.44	42.38	63.31	73.37
Poetry and drama.....	9.35	10.76	15.83	17.85	Philosophy and religion.....	5.84	9.05	13.25	14.73
Religion.....	8.51	11.16	14.83	17.61	Physical ed. and recreation.....	5.34	7.80	12.27	13.83
Science.....	14.95	22.81	30.59	37.45	Political science.....	6.72	12.79	17.47	19.30
Sports ³	9.96	10.97	13.88	15.92	Psychology.....	17.12	27.51	38.10	41.95
Technology.....	14.91	19.66	27.82	33.64	Sociology and anthropology.....	7.31	14.85	23.70	27.56
Travel.....	(NA)	15.43	15.02	16.80	Zoology.....	16.86	27.37	40.15	44.58
Paperbacks:					General interest periodicals.....	8.47	14.36	18.28	19.87
Mass market ⁴	.95	1.46	2.08	(NA)					
Trade or higher.....	4.81	5.24	7.21	6.60					

NA Not available. ¹ Excludes publications of U.S., and other governmental units; books sold only by subscription and dissertations. ² Includes sociology. ³ Includes recreation. ⁴ "Pocket-sized" books sold primarily through magazine and news outlets, supermarkets, variety stores, etc. ⁵ Average annual subscription prices.

Source: R. R. Bowker Co., New York, N.Y., books, *Publishers Weekly*; periodicals, *Bowker Annual of Library and Book Trade Information*, and *Library Journal*, Sept. 1981. (Copyright by Xerox Corporation.)

No. 979. BOOKS AND PAMPHLETS—QUANTITY SOLD AND RECEIPTS: 1967 TO 1977

[Includes copies sold and dollar receipts reported by establishments classified in the "Books, publishing and printing" industry and by establishments reporting these receipts as "secondary" activities in other industries]

TYPE OF PUBLICATION	COPIES SOLD (mil.)			RECEIPTS (mil. dol.)		
	1967	1972	1977	1967	1972	1977
Total	(NA)	(NA)	(NA)	2,255.3	2,915.4	5,007.7
All books	(NA)	(NA)	(NA)	2,081.2	2,711.2	4,640.5
Textbooks.....	(NA)	(NA)	(NA)	¹ 733.6	¹ 809.6	¹ 1,408.7
Elementary, grades 1-8: Hardbound.....	85.1	65.8	65.0	180.6	162.4	252.5
Paperbound.....	30.0	44.5	45.0	24.3	57.5	97.0
High school, grades 9-12: Hardbound.....	36.3	40.5	33.5	122.7	132.4	180.1
Paperbound.....	11.6	7.3	9.8	14.9	12.8	28.4
College, grades 13 and over: ² Hardbound.....	41.2	57.1	57.2	226.6	277.3	465.9
Paperbound.....	16.7	(S)	23.6	32.7	45.1	113.1
Workbooks, paperbound.....	124.3	97.1	(S)	88.6	88.7	220.8
Standardized tests, paperbound ³	189.0	24.1	(S)	28.5	14.2	27.1
General reference books.....	(NA)	(NA)	(NA)	(NA)	235.3	305.4
Subscription ⁴	33.1	(S)	(S)	216.3	198.5	225.8
Technical, scientific, and professional books.....	(NA)	(NA)	(NA)	¹ 240.2	¹ 403.0	¹ 684.1
Law, designed for the profession.....	8.4	28.2	16.0	74.0	146.9	266.8
Medical, designed for the profession ⁵	8.5	(S)	11.2	41.0	59.1	140.5
Business, nonfiction, for adults.....	3.7	5.3	4.7	20.1	42.0	34.0
Religious books, total ⁶	(NA)	(NA)	(NA)	¹ 110.4	¹ 131.2	¹ 236.3
Bibles, complete editions: testaments.....	10.5	29.3	19.4	36.7	52.6	82.8
Hymnals and devotionals ⁷	7.8	6.6	9.2	15.4	9.0	21.0
Other: ⁸ ⁹ Hardbound.....	14.7	18.3	22.8	29.7	30.0	68.9
Paperbound.....	24.1	39.7	48.3	15.7	28.3	52.2
General books, trade, etc.....	(NA)	(NA)	(NA)	¹ 657.7	¹ 1,006.7	¹ 1,895.6
Book club books ⁶	147.2	112.2	146.8	201.5	131.3	343.3
Wholesale paperbound books, digest size.....	207.1	159.8	566.7	67.7	90.3	460.1
Adult trade books: ⁸ ¹⁰ Hardbound.....	52.7	(S)	91.3	148.9	232.1	382.6
Paperbound.....	148.6	385.8	75.1	82.7	220.5	144.2
Juvenile: ⁸ ¹⁰ \$1.00 and over retail.....	65.3	63.8	114.6	107.5	88.2	161.2
Under \$1.00 retail.....	144.3	(D)		35.1	(D)	
Other books, excluding pamphlets.....	(NA)	(NA)	(NA)	(NA)	125.4	110.4
Pamphlets	(S)	(NA)	(NA)	(S)	48.7	¹ 49.1
Religious.....	69.9	(NA)	181.0	2.1	(NA)	44.6
Other.....	(S)	(NA)	(S)	(S)	(NA)	
Books and pamphlets, not specified	(NA)	(NA)	(NA)	97.0	155.5	318.1

D Withheld to avoid disclosing figures for individual companies. NA Not available. S Does not meet publication standards. ¹ Includes receipts not specified by kind, as follows (in millions of dollars): Textbooks, 1967, 14.7; 1972, 19.2; and 1977, 23.8; general reference, 1972, 36.8; 1977, 79.6; technical, scientific, and professional, 1967, 105.1; 1972, 155.0; and 1977, 242.8; religions, 1967, 12.9; 1972, 11.3; and 1977, 11.4; general, 1967, 14.3; 1972, withheld; and 1977, 404.2; pamphlets, 1977, 4.5. ² Includes private business and secretarial school, post-high vocational schools, institutes, and training courses of college grade. ³ Objective tests, manuals, etc.; includes answer sheets. ⁴ Represents books sold direct to the consumer through agents or distributors, usually on installment plan of payment. Includes multivolume encyclopedias, children's literature, biblical sets, etc. Copies sold represent number of volumes rather than sets. ⁵ Includes nursing and dental subjects. ⁶ Hardbound and paperbound. ⁷ Includes missals and prayer books. ⁸ Fiction and nonfiction. ⁹ For adults and juveniles. ¹⁰ Sold primarily through booksellers or book dealers (retail and wholesale) at trade discounts. Juvenile books represent hardbound and paperbound books, excluding toy books.

Source: U.S. Bureau of the Census, *Census of Manufactures: 1967*, vol. II, part 2; 1972, MC 72(2)-27A; and 1977, MC 77(1)-27A.

No. 980. BOOKS—IMPORTS AND TRANSLATIONS INTO ENGLISH: 1978 TO 1980

[Data on 18 month basis. See headnote, table 977. Imports cover all books printed abroad and distributed in U.S. on exclusive basis]

SUBJECT	IMPORTS			SUBJECT	IMPORTS			LANGUAGE	TRANSLATIONS		
	1978	1979	1980		1978	1979	1980		1978	1979	1980
Imports, total	3,870	5,458	5,390	Imports—Con.				Translations, total	1,345	1,680	1,353
Agriculture.....	77	117	104	Law.....	57	91	112	French.....	286	315	228
Art.....	137	230	157	Literature.....	141	194	183	German.....	237	300	228
Biography.....	130	173	126	Medicine.....	446	540	671	Italian.....	62	60	62
Business.....	51	79	74	Music.....	17	34	35	Oriental.....	70	75	51
Education.....	117	169	133	Philosophy, psychology.....	101	152	218	Russian.....	102	159	106
Fiction.....	81	71	71	Poetry, drama.....	135	139	120	Scandinavian.....	34	35	38
General works.....	107	150	132	Religion.....	87	136	94	Spanish.....	60	61	40
History.....	203	299	296	Science.....	710	890	1,069	Other.....	494	655	600
Home economics.....	45	51	40	Sociology, economics.....	806	1,236	1,050				
Juvenile.....	33	43	58	Sports, recreation.....	71	125	85				
Language.....	74	137	134	Technical books.....	193	328	373				
				Travel.....	51	74	55				

Source: R. R. Bowker Co., New York, N.Y., *Publishers Weekly*. (Copyright by Xerox Corporation.)

NO. 981. ADVERTISING—ESTIMATED EXPENDITURES: 1950 TO 1980

[In millions of dollars. 1980 preliminary. See also *Historical Statistics, Colonial Times to 1970*, series T 444-446]

YEAR	Total	National	Local	YEAR	Total	National	Local	YEAR	Total	National	Local
1950	6,700	3,260	2,440	1969	19,420	11,400	8,020	1975	28,180	15,340	12,820
1955	9,150	5,380	3,770	1970	19,550	11,360	8,200	1976	33,690	18,555	15,135
1960	11,960	7,305	4,655	1971	20,740	11,775	8,965	1977	37,920	20,850	17,070
1965	16,250	9,340	5,910	1972	23,300	13,030	10,270	1978	43,950	24,025	19,925
1967	16,870	10,210	6,660	1973	25,120	13,775	11,345	1979	49,590	27,085	22,495
1968	18,090	10,800	7,290	1974	26,820	14,810	12,010	1980	54,590	30,240	24,350

Source: McCann-Erickson, Inc., New York, N.Y. Compiled for Crain Communications, Inc. In *Advertising Age* (copyright).

NO. 982. ADVERTISING—INDEXES OF NATIONAL ADVERTISING EXPENDITURES, BY MEDIUM: 1950 TO 1980

[1967=100. Based on the average monthly expenditure for those major media which give national coverage. See also *Historical Statistics, Colonial Times to 1970*, series T 472-484]

MEDIUM	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
General index	26	49	67	90	112	140	146	183	210	241	276	307
Network television	8	38	56	85	114	147	158	196	238	273	316	346
Spot television	3	26	53	90	125	151	164	218	223	261	291	333
Magazines	36	56	73	93	104	121	118	144	174	209	236	253
Weeklies	40	61	81	94	95	97	94	115	139	178	204	218
Women's	46	57	65	95	107	132	130	162	200	238	269	277
Monthlies	28	43	64	90	120	161	155	187	222	246	280	304
Newspapers	61	84	92	83	105	141	144	178	198	211	246	278

Source: McCann-Erickson, Inc., New York, N.Y. Compiled for Crain Communications, Inc. In *Advertising Age* (copyright).

NO. 983. ADVERTISING—ESTIMATED EXPENDITURES, BY MEDIUM: 1965 TO 1980

[In millions of dollars, except percent. See text, page 555 for a discussion of types of advertising. See also *Historical Statistics, Colonial Times to 1970*, series R 106-109, R 123-126, and T 444-471]

MEDIUM	EXPENDITURES (mil. dol.)								PERCENT			
	1965	1970	1975	1976	1977	1978	1979	1980, prel.	1965	1970	1975	1980, prel.
Total	15,250	19,550	28,180	33,690	37,920	43,950	49,590	54,590	100.0	100.0	100.0	100.0
National	9,340	11,350	15,340	18,555	20,850	24,025	27,085	30,240	61.2	58.1	54.5	55.4
Local	5,910	8,200	12,820	15,135	17,070	19,925	22,495	24,350	38.8	41.9	45.5	44.6
Newspapers	4,426	5,704	8,442	9,910	11,132	12,707	14,493	15,641	29.0	29.2	30.0	28.5
National	784	891	1,221	1,502	1,677	1,787	2,085	2,353	5.1	4.6	4.3	4.3
Local	3,642	4,813	7,221	8,408	9,455	10,920	12,408	13,188	23.8	24.6	25.7	24.2
Magazines	1,161	1,292	1,465	1,789	2,162	2,597	2,932	3,149	7.6	6.6	5.2	5.8
Weeklies	610	617	612	748	903	1,158	1,327	1,418	4.0	3.2	2.2	2.6
Women's	269	301	368	457	565	672	730	782	1.8	1.5	1.3	1.4
Monthlies	282	374	485	584	694	767	875	949	1.8	1.9	1.7	1.8
Farm publications	71	62	74	86	90	104	120	130	.5	.3	.3	.2
Television	2,515	3,596	5,263	6,721	7,812	8,955	10,154	11,295	16.5	18.4	18.7	20.7
Network	1,237	1,659	2,306	2,857	3,460	3,975	4,599	5,040	8.1	8.5	8.2	9.2
Spot	682	1,234	1,623	2,154	2,204	2,607	2,873	3,290	5.9	6.3	5.8	5.1
Local	366	704	1,334	1,710	1,948	2,373	2,682	2,965	2.5	3.6	4.7	5.4
Radio	917	1,308	1,980	2,330	2,634	3,052	3,326	3,827	6.0	6.7	7.0	7.0
Network	60	56	83	105	137	147	161	180	.4	.3	.3	.3
Spot	275	371	436	518	546	620	667	774	1.8	1.9	1.5	1.4
Local	582	881	1,461	1,707	1,951	2,285	2,498	2,873	3.8	4.5	5.2	5.3
Direct mail	2,324	2,766	4,124	4,786	5,164	5,987	6,653	7,596	15.2	14.1	14.6	13.9
Business papers	671	740	919	1,035	1,221	1,400	1,575	1,674	4.4	3.8	3.3	3.1
Outdoor	180	234	335	383	418	466	540	610	1.2	1.2	1.2	1.1
National	120	154	220	252	290	307	355	400	.8	.8	.8	.7
Local	60	80	115	131	128	159	185	210	.4	.4	.4	.4
Miscellaneous	2,985	3,848	5,558	6,650	7,487	8,682	9,787	10,768	19.6	19.7	19.7	19.7
National	1,745	2,126	2,869	3,471	3,899	4,494	5,065	5,654	11.5	10.9	10.2	10.3
Local	1,240	1,722	2,689	3,179	3,588	4,188	4,722	5,114	8.1	8.8	9.5	9.4

Source: McCann-Erickson, Inc., New York, N.Y. Compiled for Crain Communications, Inc. In *Advertising Age* (copyright). Percentages derived by U.S. Bureau of the Census.

NO. 984. TELEVISION—EXPENDITURES FOR NETWORK ADVERTISING: 1975 TO 1980

[In millions of dollars. See text, page 555 for a definition of network advertising]

TYPE OF PRODUCT	1975	1976	1979	1980	TYPE OF PRODUCT	1975	1978	1979	1980
Expenditures.....	2,431	4,105	4,697	5,147	Insurance.....	40	67	70	74
Apparel, footwear, and accessories.....	55	115	125	131	Jewelry and cameras ¹	42	103	120	119
Automotive.....	235	416	492	520	Laundry soaps, cleansers, and polishes.....	204	275	295	306
Beer and wine.....	70	200	245	242	Office equip., stationery, and supplies.....	22	32	48	57
Bldg. material, equip., fixtures.....	24	53	57	59	Pet products.....	67	123	145	144
Confectionery, soft drinks.....	85	169	241	281	Proprietary medicines.....	273	346	395	430
Consumer services.....	61	114	138	178	Publishing and media.....	8	32	26	34
Dept. and discount stores.....	56	97	82	94	Records, tapes, radios, and TV sets.....	17	46	55	50
Entertainment and amusement.....	66	164	207	235	Tobacco products and supplies.....	20	9	9	8
Food and food products.....	403	669	775	844	Toiletries and toilet goods.....	415	589	661	765
Gas, lubricants, etc.....	44	61	55	71	Toys and sporting goods.....	49	91	93	102
Horticulture.....	7	9	12	15	Travel, hotels, and resorts.....	21	42	55	53
Household equip., supplies, and furnishings.....	134	203	223	213	All other.....	23	80	73	122

¹ Includes optical goods.

NO. 985. TELEVISION—ESTIMATED TIME CHARGES FOR SPOT ADVERTISING: 1975 TO 1980

[In millions of dollars. Data represent activity in the 75 markets monitored by Broadcast Advertisers Reports, Inc. (BAR), covering approximately 276 stations. See text, page 555 for a definition of spot advertising]

TYPE OF PRODUCT	1975	1978	1979 ¹	1980 ¹	TYPE OF PRODUCT	1975	1978	1979 ¹	1980 ¹
Estimated time charges.....	1,245	1,977	2,204	2,496	Insurance.....	18	27	30	34
Apparel, footwear, and accessories.....	34	44	68	105	Jewelry, optical goods, and cameras.....	11	34	46	55
Automotive.....	99	181	196	223	Laundry soaps, polishes.....	70	102	110	111
Beer and wine.....	50	88	114	156	Office equip., stationery, and supplies.....	5	7	9	15
Building material, equipment, and fixtures.....	17	39	42	47	Pet products.....	36	34	33	33
Confectionery, soft drinks.....	99	184	196	212	Proprietary medicines.....	71	79	86	93
Consumer services.....	37	54	65	83	Publishing and media.....	24	61	80	78
Food and food products.....	283	414	458	507	Records, tapes, radios, and TV sets.....	59	95	91	73
Gasoline, lubricants, etc.....	20	36	33	50	Tobacco prod., suppliers.....	3	4	5	8
Horticulture.....	8	13	* 26	35	Toiletries and toilet goods.....	115	165	181	223
Household equipment and supplies, furnishings.....	76	123	126	133	Toys and sporting goods.....	61	109	127	109
					Travel, hotels, and resorts.....	36	52	58	76
					All other.....	13	30	28	37

¹ Beginning 1979, some advertising previously identified as local is classified as spot. Therefore, data not strictly comparable with previous years. ² Due to a definition change, data not strictly comparable with earlier years.

NO. 986. TELEVISION—EXPENDITURES FOR RETAIL/LOCAL ADVERTISING: 1975 TO 1980

[In millions of dollars. See text, page 555 for a definition of retail/local advertising]

TYPE OF PRODUCT	1975	1978	1979 ¹	1980 ¹	TYPE OF PRODUCT	1975	1978	1979 ¹	1980 ¹
Expenditures.....	841	1,572	1,797	1,983	Health clubs, reducing salons.....	7	16	19	21
Amusements, entertainment.....	23	46	58	68	Home building construction, building supplies.....	13	23	29	35
Appliance stores, repair.....	16	35	38	38	Hotels, resorts, U.S.....	7	13	16	18
Auto repair, serv. stations.....	7	22	26	28	Jewelry stores.....	7	13	17	19
Auto supply, accessory stores.....	6	13	13	12	Loan, mortgage companies.....	10	11	12	12
Auto, truck dealers.....	45	112	122	99	Mail order, catalog showrooms..	3	11	12	13
Banks, S&L associations.....	85	126	140	141	Medical, dental services.....	2	7	11	13
Builders, real estate.....	14	41	46	26	Movies.....	59	73	94	102
Carpet, floor covering stores.....	12	19	24	24	Newspapers.....	7	14	13	15
Clothing stores.....	19	32	40	46	Optical services, supplies.....	3	7	10	14
Department stores.....	87	126	119	131	Radio, TV stations.....	(NA)	35	53	69
Discount dept. stores.....	34	62	68	74	Restaurants, drive-ins.....	115	220	263	288
Drug stores.....	10	20	23	26	Shoe stores.....	5	10	19	27
Food stores, supermarkets.....	71	118	134	149	Shopping centers, ass'ns.....	7	10	12	13
Furniture stores.....	43	80	104	111	Sport, hobby, toy stores.....	8	16	21	23
Gas, electric, water companies..	9	13	15	16	All other.....	109	219	214	293
Hardware stores.....	5	9	13	19					

NA Not available. ¹ Beginning 1979, some advertising previously identified as local is classified as spot. Therefore, data not strictly comparable with previous years.

Source of tables 984-986: Television Bureau of Advertising, Inc., New York, N.Y., from data compiled by Broadcast Advertisers Reports, Inc., New York, N.Y.

NO. 987. NEWSPAPER ADVERTISING—EXPENDITURES FOR 64 CITIES: 1957 TO 1980

(In millions of dollars. Based on stratified random sample of 64 cities of different size, including suburban and central city newspapers)

TYPE OF ADVERTISING	1957	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total	1,611	3,120	3,668	3,845	4,117	5,352	5,696	6,666	7,641	8,192
Automotive.....	63	93	96	109	93	127	145	151	196	184
Classified.....	313	724	985	967	882	1,342	1,522	1,892	2,179	2,192
Financial.....	42	117	135	135	131	148	147	203	244	298
General.....	325	426	471	514	547	731	752	827	982	1,123
Retail.....	866	1,759	1,980	2,120	2,364	3,005	3,129	3,593	4,040	4,396

Source: Compiled by Media Records, Inc. Current data in U.S. Bureau of Economic Analysis, *Survey of Current Business*, monthly.

NO. 988. NEWSPAPER ADVERTISING—EXPENDITURES FOR NATIONAL ADVERTISING, BY TYPE OF PRODUCT: 1975 TO 1980

(In millions of dollars. Data are compiled on basis of actual space measurements of bulk of national advertising carried by weekday and Sunday newspapers. Excludes production costs)

TYPE OF PRODUCT	1975	1978	1979	1980	TYPE OF PRODUCT	1975	1978	1979	1980
Total	1,142.1	1,671.9	1,950.4	2,184.1	Industrial.....	13.9	21.2	29.0	40.7
Alcoholic beverages.....	72.2	72.0	89.2	102.9	Insurance.....	20.2	29.9	34.0	36.4
Liquors.....	64.2	60.6	75.2	86.5	Jewelry, watches, silverware.....	3.2	3.9	6.1	8.1
Amusements.....	6.2	8.7	12.6	11.8	Mail order.....	41.9	58.0	54.4	60.6
Automotive.....	175.7	269.0	336.9	313.1	Medical products, drugs.....	12.9	21.6	20.4	22.9
New passenger cars.....	129.8	204.7	248.7	226.2	Pets and pet supplies.....	8.4	11.0	9.2	8.9
Cameras, photo supplies and services.....	10.0	15.6	13.2	14.9	Political.....	5.2	25.7	8.3	26.7
Educational.....	10.0	17.6	20.8	24.5	Professional and services.....	5.6	7.0	6.4	9.0
Farm and garden.....	18.5	22.7	27.0	29.7	Public service utilities and communications.....	19.2	32.1	37.6	50.6
Foods.....	131.1	153.6	167.5	166.3	Publishing ¹	83.4	128.3	154.9	177.7
Franchise offers.....	3.0	5.0	5.3	5.3	Books.....	21.9	26.1	32.2	32.8
Help wanted.....	10.3	39.9	55.2	58.7	Radio and TV.....	48.4	86.5	102.9	(NA)
Home heat, and equip.....	2.9	5.8	8.0	13.2	Real estate.....	8.8	7.8	11.0	16.5
Hotels and resorts.....	44.1	54.8	67.9	78.3	Sporting equipment ²	6.9	8.1	6.9	7.6
Household furniture and furnishings.....	7.4	7.7	9.9	13.1	Tobacco.....	148.1	228.6	293.7	313.8
Household supplies.....	24.8	33.7	36.6	41.8	Toiletries, toilet goods.....	16.1	25.4	27.9	30.9
Household equip. and appl.....	30.4	53.7	46.7	53.0	Transportation.....	154.7	211.9	235.5	296.8
					Airlines.....	97.8	124.5	147.6	186.8
					Wearing apparel.....	20.2	27.8	31.2	31.4
					All other.....	26.9	63.4	87.4	118.9

NA Not available. ¹ Includes other media not shown separately. ² Includes leisure time equipment.

Source: Media Records, Inc., New York, N.Y., *Marketing and Media Decisions*, June 1981.

NO. 989. MAGAZINE ADVERTISING—EXPENDITURES, BY PRODUCT: 1970 TO 1980

(In millions of dollars, except percent. Space cost based on one-time rate; special rates used where applicable. Year-to-year data not strictly comparable, as a few minor publications are added or deleted)

TYPE OF PRODUCTION	1970	1975	1977	1978	1979	1980	PERCENT DISTRIBUTION		
							1970	1975	1980
Expenditures	1,181	1,336	1,965	2,374	2,671	2,846	100.0	100.0	100.0
Apparel, footwear, and accessories ¹	51	47	70	86	92	112	4.3	3.5	3.1
Automotive, incl. accessories and equipment ¹	95	102	177	228	224	229	8.0	7.6	8.0
Beer, wine, and liquor.....	98	101	132	193	236	239	8.3	7.6	8.4
Consumer services ^{1,2}	74	102	119	147	172	190	6.3	7.8	6.7
Drugs and remedies.....	38	34	51	57	71	78	3.2	2.5	2.7
Food and food products.....	86	87	140	174	186	199	7.3	6.5	7.0
Household equipment and supplies ¹	39	25	47	63	67	65	2.8	1.9	2.3
Household furnishings ¹	38	31	66	85	64	73	3.2	2.3	2.6
Industrial materials ¹	44	34	49	58	70	71	3.7	2.6	2.5
Insurance.....	26	22	39	45	53	56	2.2	1.7	2.0
Radios, TV's, phonos, musical instruments ³	38	35	58	76	80	84	3.2	2.6	3.0
Smoking materials.....	65	144	194	205	281	290	5.5	10.8	10.2
Toiletries and toilet goods ¹	119	106	151	183	198	206	10.1	7.9	7.2
Travel, hotels, and resorts.....	50	65	83	98	110	123	4.2	4.9	4.3
All other (incl. retail and/or direct-mail) ¹	326	402	588	696	767	831	27.6	30.1	29.2

¹ Due to classification changes, 1970, data not comparable with later years. ² Includes business services. ³ Includes accessories.

Source: Magazine Publishers Association, Inc., New York, N.Y., from data compiled by Publishers Information Bureau, Inc.

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Section 20 Energy

This section presents statistics on fuel resources, energy production and consumption, electric energy, hydropower, nuclear power, and the electric and gas utility industries. The principal sources are the U.S. Department of Energy's Energy Information Administration (EIA), the Edison Electric Institute, New York, and the American Gas Association, Arlington, Va. The Department of Energy was created in October 1977 and assumed and centralized the responsibilities of all or part of several agencies including the Federal Power Commission (FPC), the U.S. Bureau of Mines, the Federal Energy Administration, and the U.S. Energy Research and Development Administration. For additional data on fuels, see section 27.

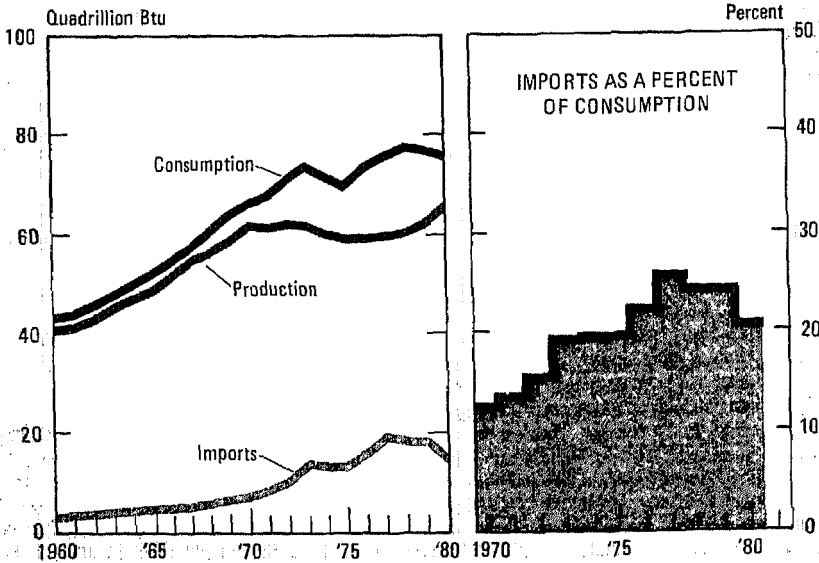
The EIA, in its *Annual Report to Congress*, provides statistics and trend data on energy supply, demand, and prices. Information is included on petroleum and natural gas, coal, electricity, nuclear power, and solar and geothermal energy. Among its annual reports are *Statistics of Privately Owned Electric Utilities in the United States*; *Statistics of Publicly Owned Electric Utilities in the United States*; *Power Production, Fuel Consumption, and Installed Capacity Data*; *Gas Turbine Plant Construction Cost and Annual Production Expenses*; *Statistics for Interstate Natural Gas Pipeline Companies*; and *Typical Electric Bills*. These various publications contain national and State data on production of electricity, capacity of generating plants, fuels used in energy production, energy sales and consumption, hydroelectric power, construction costs and production expenses of power plants, and depreciation practices. The EIA also issues the annual *Inventory of Power Plants*, periodic *Energy Data Reports*, *Electric Power Monthly* and the *Monthly Energy Review*. Data on residential energy consumption, expenditures, and conservation activities are available from EIA's Residential Energy Consumption Survey and are published in *Residential Energy Consumption Survey: 1979-1980 Consumption and Expenditures*, and *Residential Energy Consumption Survey: Conservation*, and several other reports.

The Edison Electric Institute's monthly bulletin and annual *Statistical Year Book of the Electric Utility Industry for the Year* contain data on the distribution of electric energy by public utilities; information on the electric power supply, expansion of electric generating facilities, and the manufacture of heavy electric power equipment is presented in the annual *Year End Summary of the Electric Power Situation in the United States*. The American Gas Association, in its monthly and quarterly bulletins and its yearbook, *Gas Facts*, presents data on gas utilities, including sales, revenues, customers, prices, and other financial and operating statistics.

Btu conversion factors.—Various energy sources are converted from original units (e.g., short tons, cubic feet, barrels, kilowatt-hours) to the thermal equivalent using British thermal units (Btu). A Btu is the amount of energy required to raise the temperature of 1 pound of water 1 degree Fahrenheit at or near 39.2 degrees F. Factors are calculated annually from the latest final annual data available; some are revised as a result. The following list provides conversion factors used in 1979 and 1980 for production and consumption, in that order, for various fuels: Petroleum 5,800 and 5,494 mil. Btu per barrel; bituminous coal 22.59 and 22.20 mil. Btu per short ton; and anthracite coal 23.55 and 22.70 mil. Btu per short ton. Both production and consumption factors for natural gas were 22.10, while the factors for the production of hydropower, nuclear power, and geothermal power were 10.44, 10.77, and 21.61 thous. Btu per kilowatt-hour, respectively.

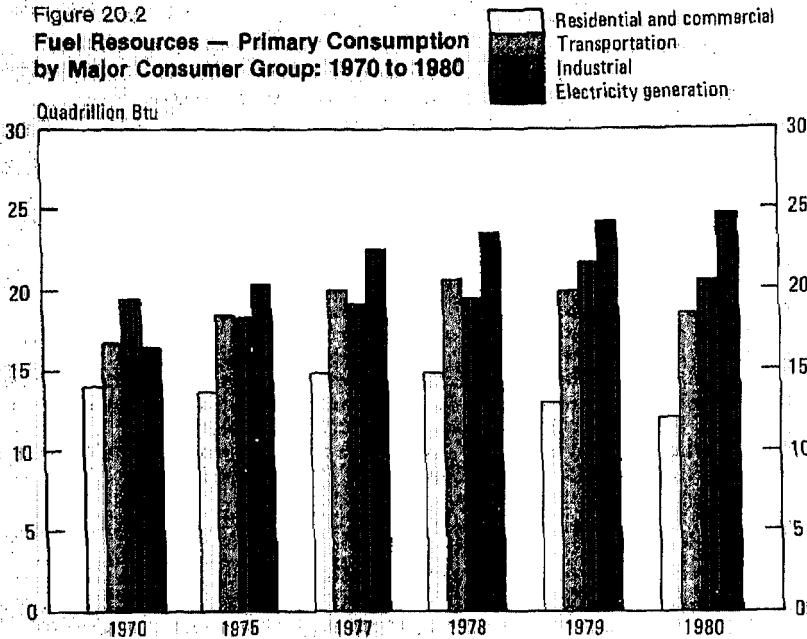
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

Figure 20.1
Energy Production, Consumption, and Imports: 1960 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 992.

Figure 20.2
Fuel Resources — Primary Consumption by Major Consumer Group: 1970 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1000.

NO. 990. TOTAL HORSEPOWER OF ALL PRIME MOVERS: 1950 TO 1980

[In millions, except percent. As of January, except as noted. Prior to 1960, excludes Alaska and Hawaii, except as noted. Prime movers are mechanical engines and turbines, and work animals, which originally convert fuels or force (as wind or falling water) into work and power. Electric motors, which obtain their power from prime movers, are excluded to avoid duplication. See also *Historical Statistics, Colonial Times to 1970*, series S 1-14]

YEAR	Total horse- power	AUTOMOTIVE ^{1 2}		NONAUTOMOTIVE							
		Total	Per- cent of total	Total	Fac- tories ³	Mines ³	Rail- roads ⁴	Mer- chant ships and sailing vessels	Farms	Elec- tric cen- tral sta- tions ⁵	Air- craft ^{4 5}
1950.....	4,868	4,404	90.5	464	33	22	111	⁶ 23	165	88	⁶ 22
1955.....	7,158	6,632	92.7	526	36	31	60	⁶ 24	212	138	⁶ 26
1960.....	11,008	10,367	94.2	641	42	35	47	24	240	217	37
1965.....	15,096	14,306	94.8	790	48	40	44	24	272	307	55
1970.....	20,408	19,325	94.7	1,083	54	45	54	22	290	435	183
1972.....	22,913	21,736	94.9	1,175	57	46	57	21	305	508	181
1973.....	24,262	23,029	94.9	1,233	58	46	57	20	308	562	182
1974.....	24,516	23,224	94.7	1,292	59	46	61	21	315	605	185
1975.....	25,100	23,752	94.6	1,348	60	47	62	22	318	654	185
1976.....	25,732	24,339	94.6	1,393	61	47	64	22	324	692	184
1977.....	26,469	25,025	94.5	1,444	62	47	62	23	328	728	194
1978.....	27,379	25,892	94.6	1,487	63	48	64	25	335	754	198
1979.....	28,162	26,617	94.5	1,545	63	48	62	26	342	803	201
1980.....	28,922	27,362	94.6	1,560	64	48	59	28	345	806	210

¹ Includes passenger cars, trucks, buses, and motorcycles. ² As of July 1. ³ Beginning 1965, data are estimates. ⁴ Beginning 1965, not strictly comparable with earlier years. ⁵ Includes private planes and commercial airlines. ⁶ Includes Alaska and Hawaii. ⁷ Includes estimates of about 3.0 million hp in work animals and 30,000 in windmills.

Source: 1950 and 1955, The Twentieth Century Fund, New York, N.Y., J.F. Dewhurst and Associates, *America's Needs and Resources, A New Survey*, and John A. Waring, *Transactions of Canadian Sectional Meeting, World Power Conference, 1958*. Beginning 1960, John A. Waring, Murfreesboro, N.C., unpublished estimates.

NO. 991. MINERAL FUEL RESOURCES AND ELECTRICITY—PRODUCTION AND CONSUMPTION, BY MAJOR SOURCE: 1950 TO 1980

[A British thermal unit (Btu) is the quantity of heat required to raise the temperature of 1 pound of water 1° F at or near its point of maximum density. Prior to 1960, excludes Alaska and Hawaii, except data for bituminous coal include Alaska for all years. For Btu conversion factors, see text, p. 575. See also *Historical Statistics, Colonial Times to 1970*, series M 76-92]

YEAR	Total production (quad. Btu)	PERCENT OF PRODUCTION				Total consumption (quad. Btu)	PERCENT OF CONSUMPTION				Consumption/production ratio
		Coal	Crude petroleum ¹	Natural gas ²	Electricity ³		Coal	Crude petroleum ¹	Natural gas ²	Electricity ³	
1950.....	34.5	42.7	33.4	20.0	3.9	33.6	38.1	39.8	18.1	4.0	.87
1955.....	39.1	32.6	37.0	27.0	3.4	39.2	29.1	44.2	23.3	3.5	1.00
1960.....	41.8	26.7	35.7	33.8	3.8	44.1	22.8	45.1	28.5	3.8	1.06
1961.....	42.3	25.4	36.0	34.7	3.9	44.7	21.9	45.2	29.2	3.7	1.06
1962.....	43.9	25.5	35.4	35.0	4.1	46.8	21.5	44.9	29.8	3.8	1.07
1963.....	46.2	26.4	34.6	35.2	3.8	48.6	21.7	44.5	30.1	3.6	1.05
1964.....	48.0	26.8	33.6	35.7	3.8	50.6	22.0	43.7	30.6	3.7	1.06
1965.....	49.7	27.0	33.3	35.6	4.2	53.0	22.3	43.6	30.2	3.9	1.07
1966.....	52.5	26.4	33.5	36.2	4.0	56.8	22.3	45.2	30.4	2.1	1.07
1967.....	55.4	25.7	33.7	36.3	4.3	57.9	21.0	43.5	31.3	4.1	1.05
1968.....	57.1	24.4	33.7	37.6	4.3	61.3	20.5	43.8	31.7	4.0	1.07
1969.....	59.4	24.0	32.9	38.5	4.7	64.5	19.6	43.8	32.4	4.3	1.09
1970.....	62.5	24.3	32.6	38.6	4.5	66.8	18.9	44.0	32.8	4.3	1.07
1971.....	61.7	22.0	32.5	40.2	5.3	69.3	17.6	44.7	32.9	4.7	1.11
1972.....	62.8	23.1	31.9	39.5	5.5	71.6	17.3	48.0	31.7	4.9	1.14
1973.....	62.4	23.0	31.2	39.7	6.1	74.6	17.8	46.7	30.2	5.2	1.20
1974.....	61.2	23.7	30.4	38.7	7.2	72.8	17.7	45.0	29.9	7.4	1.19
1975.....	60.1	25.6	29.5	36.6	8.4	70.7	18.2	46.4	28.3	7.2	1.18
1976.....	60.1	26.5	28.7	36.3	8.5	74.5	18.4	47.2	27.3	7.1	1.24
1977.....	60.3	26.3	28.9	36.3	8.5	76.3	18.3	48.7	26.1	6.9	1.27
1978.....	61.2	24.6	30.1	35.5	9.8	78.2	17.7	48.6	25.6	8.1	1.28
1979.....	63.9	27.6	28.3	35.0	9.1	79.0	19.1	47.0	26.2	7.6	1.24
1980, prel.....	64.9	29.1	28.1	33.9	8.8	76.3	20.6	44.9	26.8	7.8	1.17

¹ Production includes lease condensate. Consumption includes domestically produced crude oil, natural gas liquids, and lease condensate, plus imported crude oil and products. ² Production includes natural gas liquids; consumption excludes natural gas liquids. ³ Comprised of hydropower, nuclear power, and geothermal energy.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

No. 992. ENERGY SUPPLY AND DISPOSITION, BY TYPE OF FUEL: 1960 TO 1980

(In quadrillion British thermal units, except percent. For Btu conversion factors, see text, p. 575)

TYPE OF FUEL	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, prel.
Total supply ¹	45.6	54.9	69.5	73.8	76.7	75.0	73.1	76.7	78.4	80.1	81.9	80.0
Production	41.8	49.7	62.5	62.8	62.4	61.2	60.1	60.1	60.3	61.2	63.9	64.8
Crude oil ²	14.9	16.5	20.4	20.0	19.5	18.6	17.7	17.3	17.5	18.4	18.1	18.3
Natural gas liquids	1.5	1.9	2.5	2.6	2.6	2.5	2.4	2.3	2.3	2.3	2.3	2.3
Natural gas ³	12.7	15.8	21.7	22.2	22.2	21.2	19.6	19.5	19.6	19.5	20.1	19.7
Coal	11.1	13.4	15.1	14.5	14.4	14.5	15.2	15.9	15.8	15.0	17.7	18.9
Nuclear power	(Z)	(Z)	.2	.6	.9	1.3	1.9	2.1	2.7	3.0	2.8	2.7
Hydropower	1.6	2.1	2.6	2.9	2.9	3.2	3.2	3.0	2.3	3.0	3.0	2.9
Geothermal and other	-	-	(Z)	(Z)	.1	.1	.1	.1	.1	.1	.1	.1
Imports ⁴	4.2	5.9	8.4	11.5	14.7	14.4	14.1	16.8	20.1	19.3	19.6	15.8
Percent of supply	9.2	10.7	12.1	15.6	19.2	19.2	19.3	21.9	25.6	24.1	23.9	19.8
Crude oil	2.2	2.7	2.8	4.7	6.9	7.4	8.7	11.2	14.0	13.5	13.8	11.1
Refined petroleum products ⁵	1.8	2.8	4.7	5.6	6.6	5.7	4.2	4.4	4.7	4.4	4.1	3.4
Natural gas	.2	.5	.9	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.3	1.0
Total disposition	45.6	54.9	69.5	73.8	76.7	75.0	73.1	76.7	78.4	80.1	81.9	80.0
Consumption	44.1	53.0	66.8	71.6	74.6	72.8	70.7	74.5	75.3	78.2	79.0	76.3
Refined petroleum products	19.9	23.3	29.5	33.0	34.8	33.5	32.7	35.2	37.1	38.0	37.1	34.3
Natural gas	12.4	15.8	21.8	22.7	22.5	21.7	20.0	20.4	19.9	20.0	20.7	20.4
Coal	10.1	11.9	12.7	12.5	13.3	12.9	12.8	13.7	14.0	13.9	15.1	15.7
Nuclear power	(Z)	(Z)	.2	.6	.9	1.3	1.9	2.1	2.7	3.0	2.7	2.7
Hydropower ⁶	1.7	2.1	2.7	2.9	3.0	3.3	3.2	3.1	2.5	3.2	3.2	3.1
Geothermal and other	-	-	(Z)	(Z)	.1	.1	.1	.1	.1	.1	.1	.1
Exports	1.5	1.9	2.7	2.1	2.1	2.2	2.4	2.2	2.1	2.0	2.9	3.8
Coal	1.0	1.4	1.9	1.5	1.5	1.6	1.8	1.6	1.5	1.1	1.8	2.5

- Represents zero. Z Less than 50 trillion. ¹ Includes adjustments for stock changes, losses, gains, and miscellaneous changes, not shown separately. ² Includes lease condensate. ³ Dry marketed gas. ⁴ Includes other types, not shown separately. ⁵ Includes imports of unfinished oils and natural gas liquids. ⁶ Includes industrial generation and net electricity imports.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

No. 993. ENERGY PRODUCTION AND CONSUMPTION—ANNUAL GROWTH RATES, BY TYPE OF FUEL: 1950 TO 1980

(In percent. Based on data shown in table 992. Rates represent average annual compounded changes; for explanation, see Guide to Tabular Presentation. Minus sign (-) denotes decrease)

TYPE OF FUEL	1950-1960	1960-1970	1970-1979	1970-1972	1972-1973	1973-1974	1974-1975	1975-1976	1976-1977	1977-1978	1978-1979	1979-1980
Total production	1.9	4.1	.1	.2	-.6	-1.9	-1.9	.1	.3	1.5	4.4	1.4
Crude oil ¹	2.7	3.2	-1.4	-.9	-2.7	-4.7	-4.5	-2.6	1.1	5.6	-1.8	.8
Natural gas liquids	5.9	5.6	-.6	1.8	-1.2	-3.9	-4.1	-1.7	-	-3.5	1.8	-.9
Natural gas ²	7.4	5.5	-1.4	1.2	-.1	-4.4	-7.4	-.8	.5	-.4	3.0	-1.9
Coal	-2.7	3.1	1.6	-1.9	-.7	.6	5.0	4.3	.3	-5.0	17.4	6.9
Nuclear power	(X)	37.4	31.0	55.5	56.9	39.6	49.6	11.1	28.0	10.4	-7.7	-1.6
Hydropower	1.3	5.1	1.3	4.3	-	10.8	-.6	-5.4	-21.5	26.5	-.1	-1.4
Geothermal and other	(X)	(X)	26.0	41.4	25.0	20.0	16.7	14.3	-	-33.3	31.5	27.9
Total consumption	2.8	4.3	1.7	3.5	4.2	-3.0	-2.3	4.9	3.2	2.3	1.0	-3.4
Refined petroleum products	4.1	4.0	2.6	5.7	5.7	-5.1	-1.0	6.4	6.8	2.1	-2.2	-7.7
Natural gas ³	7.6	5.8	-1.1	2.0	-.8	-3.5	-8.2	2.0	-2.1	.4	3.3	-1.1
Coal	-2.4	2.3	2.0	-.8	6.8	-3.2	-.5	7.1	3.0	-.8	9.1	3.7
Nuclear power	(X)	37.4	31.0	55.5	56.9	39.6	49.6	11.1	28.0	10.4	-7.7	-1.6
Hydropower ⁴	1.4	4.9	2.0	5.3	2.4	10.0	-2.7	-4.7	-17.9	25.8	.1	-1.3
Geothermal and other	(X)	(X)	26.0	41.4	25.0	20.0	16.7	14.3	-	-33.3	31.5	27.9
GNP ⁵	3.3	4.0	3.5	4.5	5.8	-.6	-1.1	5.4	5.5	4.7	3.2	-.1

- Represents zero. X Not applicable. ¹ Includes lease condensate. ² Dry marketed gas. ³ Includes industrial generation and net electricity imports. ⁴ Gross national product in constant (1972) dollars; see table 700.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

NO. 994. ENERGY CONSUMPTION—TOTAL AND PER CAPITA: 1950 TO 1980

[Btu=British thermal units. See text, p. 575]

YEAR	ALL ENERGY ¹		PETROLEUM ²		NATURAL GAS ⁴		COAL ⁵		CONSUMPTION PER DOLLAR GNP ⁶	
	Total (quad. Btu)	Per capita ² (mil. Btu)	Total (quad. Btu)	Per capita ² (mil. Btu)	Total (quad. Btu)	Per capita ² (mil. Btu)	Total (quad. Btu)	Per capita ² (mil. Btu)	All energy (1,000 Btu)	Petroleum (1,000 Btu)
1950.....	33.9	223	13.5	89	6.0	39	12.9	85	63.4	25.2
1955.....	39.7	240	17.5	106	9.0	55	11.5	70	60.4	26.6
1960.....	44.1	245	19.9	111	12.4	69	10.1	56	59.8	27.0
1965.....	53.0	274	23.3	120	15.8	81	11.9	61	57.1	25.1
1970.....	66.8	328	29.5	145	21.8	107	12.7	62	61.5	27.2
1971.....	68.3	331	30.6	148	22.5	109	12.0	58	60.9	27.3
1972.....	71.6	344	33.0	158	22.7	109	12.5	60	60.4	27.8
1973.....	74.6	355	34.8	166	22.5	107	13.3	63	59.4	27.7
1974.....	72.8	342	33.5	156	21.7	103	12.9	61	58.3	26.8
1975.....	70.7	332	32.7	154	20.0	94	12.8	60	57.3	26.5
1976.....	74.5	345	35.2	162	20.4	95	13.7	64	57.3	27.1
1977.....	76.3	354	37.1	172	19.9	92	14.0	65	55.7	27.1
1978.....	78.2	358	38.0	174	20.0	92	13.9	64	54.4	26.4
1979.....	79.0	359	37.1	169	20.7	94	15.1	69	53.3	25.0
1980, prel.....	76.3	343	34.3	154	20.4	92	15.7	71	51.5	23.2

¹ Includes hydropower, nuclear power, geothermal and other energy, not shown separately. ² Based on estimated resident population as of July 1. ³ Includes petroleum products, natural gas plant liquids, and crude oil burned as fuel. ⁴ Dry gas only. ⁵ Includes bituminous coal, lignite, anthracite coal, and net imports of coke. ⁶ Gross national product in constant (1972) dollars. See table 700.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

NO. 995. ENERGY CONSUMPTION, BY SECTOR AND PRIMARY SOURCE: 1975 TO 1980

[In trillions of Btu. For definition of Btu, see text, p. 575]

SECTOR	Total ¹	Coal ²	Natural gas, dry	Petroleum ³	Hydro-electric ⁴	Nuclear power	Other ⁵	Electricity distributed ⁶	Electric energy loss ⁷
1975									
Final consuming sectors.....	70,709	4,036	16,707	29,501	32	-	-	5,902	14,516
Residential and commercial.....	26,024	238	7,581	5,792	-	-	-	3,588	8,824
Industrial.....	26,508	3,797	6,532	6,162	32	-	-	2,304	5,667
Transportation.....	18,178	1	595	17,547	-	-	-	10	25
Electric utilities.....	20,418	8,789	3,240	3,231	3,187	1,900	72	(x)	(x)
1978									
Final consuming sectors.....	78,161	3,610	16,702	34,150	32	-	-	6,840	16,696
Residential and commercial.....	28,237	239	7,624	6,268	-	-	-	4,100	10,006
Industrial.....	29,311	3,372	8,539	7,838	32	-	-	2,732	6,668
Transportation.....	20,614	-	539	20,044	-	-	-	9	22
Electric utilities.....	23,537	10,250	3,297	3,813	3,132	2,977	68	(x)	(x)
1979									
Final consuming sectors.....	78,981	3,846	17,052	33,765	34	-	-	7,067	17,131
Residential and commercial.....	27,152	210	7,891	4,726	-	-	-	4,184	10,142
Industrial.....	31,383	3,636	8,549	9,262	34	-	-	2,873	6,964
Transportation.....	20,426	-	612	19,778	-	-	-	11	25
Electric utilities.....	24,198	11,263	3,609	3,357	3,132	2,748	89	(x)	(x)
1980									
Final consuming sectors.....	76,201	3,486	16,887	31,208	33	-	-	7,146	17,674
Residential and commercial.....	27,284	166	7,637	4,365	-	-	-	4,354	10,763
Industrial.....	30,283	3,320	8,443	8,857	33	-	-	2,781	6,886
Transportation.....	18,628	-	606	17,987	-	-	-	11	25
Electric utilities.....	24,824	12,117	3,808	2,988	3,092	2,704	114	(x)	(x)

- Represents zero. X Not applicable. ¹ Total may not equal sum of components due to independent rounding of the components. ² Represents anthracite, bituminous, lignite, and net coke imports. ³ Includes petroleum products, still gas, liquefied refinery gas, and natural gas liquids. ⁴ Includes net imports of electricity. ⁵ Includes geothermal power and electricity produced from wood and waste. ⁶ Electrical energy used by railroads, and for street and highway lighting, is included in transportation sector. ⁷ Losses allocated by final end-use sector in proportion to their direct kilowatt-hour usage.

Source: U.S. Energy Information Administration, 1975-1979, *State Energy Data Report*, various issues; 1980, *Monthly Energy Review*, July 1981.

NO. 996. ENERGY CONSUMPTION—END-USE SECTOR AND SELECTED TYPE, BY STATE: 1979

(In trillions of Btu. For Btu conversion factors, see text, p. 575)

STATE	Total ¹	END-USE SECTOR				TYPE				
		Resi- dential	Com- mercial	Indus- trial	Trans- portation	Petro- leum	Natural gas (dry)	Coal	Hydro- power	Nu- clear power
U.S. ²	78,961	15,411	11,741	31,383	20,426	37,122	20,661	15,109	3,166	2,748
Alabama.....	1,749	247	147	1,002	354	663	289	662	124	238
Alaska.....	283	30	32	137	84	129	161	5	5	-
Arizona.....	809	142	157	236	274	375	177	255	75	-
Arkansas.....	865	170	123	371	201	392	256	33	35	42
California.....	6,412	1,246	1,167	1,639	2,361	3,623	1,850	68	354	94
Colorado.....	895	169	182	253	271	361	298	239	17	2
Connecticut.....	782	234	142	212	194	583	69	1	5	137
Delaware.....	210	40	37	80	52	165	26	24	-	-
District of Columbia.....	155	41	43	42	29	60	30	3	-	-
Florida.....	2,463	544	429	564	926	1,740	353	203	3	166
Georgia.....	1,888	326	239	557	567	805	318	470	46	55
Hawaii.....	271	28	21	69	158	266	-	-	1	-
Idaho.....	379	76	60	135	99	145	55	16	96	-
Illinois.....	4,029	926	746	1,430	928	1,708	1,164	852	1	296
Indiana.....	2,604	458	279	1,396	471	896	513	1,170	5	-
Iowa.....	1,116	258	173	426	259	499	297	227	9	31
Kansas.....	1,145	194	167	494	290	441	597	148	(2)	-
Kentucky.....	1,412	257	177	635	342	513	223	611	41	-
Louisiana.....	3,317	283	372	2,083	580	1,214	2,020	3	-	-
Maine.....	355	85	35	140	94	263	2	1	63	48
Maryland.....	1,203	257	200	428	318	633	175	235	23	104
Massachusetts.....	1,286	372	287	242	384	1,041	159	4	5	65
Michigan.....	2,896	720	430	1,052	693	1,067	892	759	14	163
Minnesota.....	1,375	308	179	529	359	613	340	243	29	124
Mississippi.....	990	156	154	421	259	608	260	60	-	-
Missouri.....	1,528	405	303	373	447	679	354	518	11	-
Montana.....	389	84	54	178	91	185	71	65	108	-
Nebraska.....	582	127	102	198	155	258	173	81	13	93
Nevada.....	299	61	52	75	112	140	87	99	18	-
New Hampshire.....	194	61	22	45	66	144	9	29	13	-
New Jersey.....	2,072	442	395	684	551	1,401	266	59	a - 3	71
New Mexico.....	466	86	77	151	172	215	216	153	1	-
New York.....	4,073	955	906	1,140	1,072	2,575	636	313	401	199
North Carolina.....	1,709	383	225	621	479	815	139	560	83	73
North Dakota.....	261	56	40	94	72	149	30	169	63	-
Ohio.....	4,242	835	521	2,072	814	1,437	914	1,662	(2)	34
Oklahoma.....	1,299	221	191	570	317	454	845	62	24	-
Oregon.....	928	199	169	290	270	391	95	6	312	48
Pennsylvania.....	4,205	884	475	1,999	847	1,686	754	1,720	13	202
Rhode Island.....	199	64	44	38	54	121	28	(2)	(2)	-
South Carolina.....	978	176	136	404	262	432	122	208	41	196
South Dakota.....	224	54	33	68	69	137	26	36	66	-
Tennessee.....	1,744	357	245	694	448	582	231	545	128	-
Texas.....	8,372	1,009	840	4,642	1,881	3,669	4,096	616	12	-
Utah.....	522	108	68	218	129	206	128	171	8	-
Vermont.....	124	43	17	27	37	75	4	(2)	11	37
Virginia.....	1,534	367	288	396	503	920	137	215	16	76
Washington.....	1,576	346	218	573	436	600	161	101	830	39
West Virginia.....	804	138	79	435	152	237	151	825	13	-
Wisconsin.....	1,461	371	242	495	353	613	374	328	24	112
Wyoming.....	423	37	35	264	87	199	95	283	11	-

- Represents zero. Z Less than 500 billion. ¹For type, includes geothermal, wood and waste, not shown separately.²For industrial sector, includes 66 trillion Btu of net imports of coke not allocated by State. ³Minus sign (-) indicates amount of energy expended for pump storage hydropower exceeds amount of energy consumed.Source: U.S. Energy Information Administration, *State Energy Data Report*, annual.

NO. 997. RESIDENTIAL ENERGY CONSUMPTION, EXPENDITURES, AND AVERAGE PRICES, BY REGION: 1979 AND 1980

[For period April to March of year stated. Excludes Alaska and Hawaii. Covers year-round occupied units only. Based on Residential Energy Consumption Survey; see Appendix III. For composition of regions, see fig. 1, inside front cover. Excludes household usage of gasoline for transportation and the use of wood or coal. Btu=British thermal units; see text, p. 575]

ITEM	Unit	1979					1980				
		All households	North-east	North Central	South	West	All households	North-east	North Central	South	West
ENERGY CONSUMED											
Total.....	Quad. Btu...	10.56	2.89	3.70	2.43	1.54	9.74	2.50	3.48	2.30	1.47
Avg. per household.....	Mil. Btu.....	138	166	180	99	110	126	145	168	92	100
Natural gas.....	Quad. Btu.....	5.58	1.14	2.53	.96	.95	5.31	1.05	2.48	.91	.88
Electricity.....	Quad. Btu.....	2.47	.39	.60	1.00	.48	2.42	.39	.59	.97	.47
Fuel oil, kerosene.....	Quad. Btu.....	2.19	1.32	.46	.32	.09	1.71	1.03	.31	.28	.09
Liquid petroleum gas.....	Quad. Btu.....	.327	.029	.118	.151	.029	.307	.029	.098	.143	.037
EXPENDITURES											
Total.....	Bill. dol.....	55.5	15.4	16.9	16.6	6.6	63.2	17.8	19.1	18.5	7.7
Avg. per household.....	Dollars.....	724	887	821	674	469	815	1,033	924	744	527
Natural gas.....	Bill. dol.....	15.3	3.9	6.5	2.7	2.2	17.8	4.3	7.8	3.1	2.6
Electricity.....	Bill. dol.....	29.9	6.0	8.1	11.8	4.0	32.6	6.8	8.8	12.6	4.4
Fuel oil, kerosene.....	Bill. dol.....	8.6	5.3	1.8	1.3	.3	10.7	6.5	2.0	1.8	.6
Liquid petroleum gas.....	Bill. dol.....	1.67	.23	.54	.77	.12	2.06	.26	.60	.98	.22
AVERAGE PRICE (per million Btu)											
Total.....	Dollars.....	5.25	5.33	4.57	6.81	4.27	6.49	7.13	5.50	8.05	5.26
Natural gas.....	Dollars.....	2.74	3.42	2.57	2.85	2.29	3.36	4.15	3.15	3.44	2.93
Electricity.....	Dollars.....	12.10	15.32	13.64	11.76	8.29	13.46	17.22	14.82	13.05	9.40
Fuel oil, kerosene.....	Dollars.....	3.93	3.98	3.63	3.94	3.76	6.29	6.27	6.30	6.35	6.25
Liquid petroleum gas.....	Dollars.....	5.09	7.90	4.54	5.15	4.17	6.71	8.99	6.08	6.81	6.15

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: 1978-1979 Consumption and Expenditures and 1979-1980*.

NO. 998. RESIDENTIAL ENERGY CONSUMPTION AND EXPENDITURES, BY TYPE OF FUEL AND SELECTED HOUSEHOLD CHARACTERISTIC: 1980

[For period April 1979 to March 1980. Quad.=quadrillion. See headnote, table 997]

CHARACTERISTIC	CONSUMPTION (Btu's)					EXPENDITURES				
	Total ¹ (quad.)	Avg. per house- hold ¹ (mil.)	Natu- ral gas (quad.)	Elec- tricity (quad.)	Fuel oil ² (quad.)	Total ¹ (bil. dol.)	Avg per house- hold ¹ (dol.)	Natu- ral gas (bil. dol.)	Elec- tricity (bil. dol.)	Fuel oil ² (bil. dol.)
Total households	9.74	126	5.31	2.42	1.71	63.2	815	17.8	32.6	10.7
Single family detached	6.92	138	3.74	1.80	1.17	44.9	896	12.2	23.9	7.3
Single family attached	.45	135	.30	.09	.05	2.6	795	1.0	1.3	.3
2-4 unit building	1.20	129	.80	.17	.21	7.1	764	2.9	2.7	1.4
5 or more unit building	.82	77	.38	.21	.22	5.8	548	1.5	2.9	1.4
Mobile home	.35	86	.09	.15	.05	2.6	649	.3	1.6	.3
Other	.02	125	.01	-	.01	.1	894	-	-	-
Year house built:										
1939 or earlier	3.76	148	2.12	.59	.96	22.5	885	7.3	8.7	6.0
1940-1949	.85	123	.50	.18	.14	5.4	773	1.7	2.6	.9
1950-1959	1.87	127	1.11	.44	.28	12.0	817	3.7	6.2	1.8
1960-1969	1.70	111	.89	.53	.23	11.7	765	2.9	6.9	1.5
1970-1974	.87	108	.41	.34	.06	6.3	781	1.3	4.3	.4
1975 or later	.69	98	.28	.34	.04	5.2	742	.9	3.9	.2
Heating and cooling degree day zones:³										
Less than 2,000 HDD and—										
More than 7,000 HDD	.94	141	.52	.21	.19	5.6	841	1.7	2.6	1.2
5,500-7,000 HDD	3.35	158	2.15	.59	.55	19.3	908	7.2	8.3	3.4
4,000-5,499 HDD	2.82	139	1.37	.80	.78	18.5	915	4.8	8.3	4.9
Less than 4,000 HDD	1.62	92	.81	.58	.15	11.4	649	2.6	7.3	1.0
More than 2,000 HDD and less than 4,000 HDD	1.02	86	.48	.44	.05	8.4	709	1.5	6.1	.3
1978 family income:										
Less than \$5,000	1.07	101	.64	.22	.16	6.4	609	2.2	2.9	1.1
\$5,000-\$9,999	1.50	104	.85	.32	.27	9.4	657	2.9	4.5	1.7
\$10,000-\$14,999	1.62	119	.87	.38	.30	10.3	759	2.9	5.0	1.9
\$15,000-\$19,999	1.24	123	.66	.34	.21	8.2	814	2.2	4.4	1.3
\$20,000-\$24,999	1.35	136	.69	.36	.27	9.1	922	2.4	4.8	1.7
\$25,000 and over	2.97	155	1.59	.81	.49	19.7	2.12	5.3	10.8	3.1

- Represents zero or rounds to zero.

¹ Includes liquid petroleum gas, not shown separately.

² Includes kerosene.

³ HDD=Heating degree day; See fig. 7.2, p. 219.

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: 1978-1980 Consumption and Expenditures*.

NO. 999. RESIDENTIAL ENERGY CONSERVATION ACTIVITIES: 1978 AND 1979

[For period April 1979 to March 1980. See headnote, table 997. Excludes buildings of 5 or more units]

REGION AND MAIN HEATING FUEL OF HOUSEHOLD	ATTIC INSULATION ADDED			STORM WINDOWS AND DOORS ADDED			WALL INSULATION ADDED		
	Households (mil.)		Avg. cost per house- hold, 1979 (dol.)	Households (mil.)		Avg. cost per house- hold, 1979 (dol.)	Households (mil.)		Avg. cost per house- hold, 1979 (dol.)
	1978	1979		1978	1979		1978	1979	
Total households¹	4.4	3.4	394	3.7	3.9	382	2.0	1.8	886
Northeast	1.0	.6	492	.8	.9	524	.3	.5	807
North Central	1.6	1.3	412	1.3	1.1	332	.8	.6	1,097
South	1.4	1.0	295	1.4	1.4	379	.6	.4	891
West	.5	.8	425	.3	.4	225	.3	.2	468
Natural gas	2.5	1.7	465	2.0	2.2	318	1.2	.9	631
Fuel oil and kerosene	1.0	.9	341	.9	.7	440	.3	.4	1,599
Electricity	.3	.5	299	.5	.5	685	.3	.2	705
Liquid petroleum gas (LPG)	—	.2	352	.2	.2	294	.1	.1	234
Wood	.5	.2	313	.2	.2	160	.1	.1	503
Coal	—	—	200	—	.1	500	—	.1	3,000

— Represents zero or rounds to zero. ¹ Includes households with main heating fuel reported as other and none, not shown separately.

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: 1979-1980 Consumption and Expenditures*.

NO. 1000. PRIMARY ENERGY CONSUMPTION BY CONSUMING SECTOR: 1970 TO 1980

[For definition of Btu, text, p. 575]

SECTOR	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980, est.
Total consumption (quad. Btu)	66.8	68.3	71.6	74.6	72.8	70.7	74.5	76.4	78.2	79.0	76.3
Residential and commercial	14.4	14.8	15.0	14.7	14.0	13.6	14.4	13.9	14.1	12.8	12.2
Industrial and miscellaneous	20.1	19.8	20.5	21.4	20.6	18.5	19.5	19.9	19.9	21.5	20.6
Transportation	16.0	16.6	17.6	18.5	18.0	18.1	19.0	19.7	20.6	20.4	18.6
Electricity generation	16.3	17.2	18.6	20.2	20.2	20.4	21.6	22.8	23.5	24.2	24.8
Percent of total:											
Residential and commercial	21.6	21.4	20.9	19.7	19.2	19.2	19.3	18.2	18.0	16.2	16.0
Industrial and miscellaneous	30.1	29.0	28.6	28.7	28.3	26.2	26.2	26.0	25.4	27.2	27.0
Transportation	24.0	24.3	24.6	24.8	24.7	25.6	25.5	25.8	26.3	25.8	24.4
Electricity generation	24.4	25.2	26.0	26.8	27.7	28.9	29.0	29.8	30.1	30.6	32.5

NO. 1001. FOSSIL FUEL PRICES IN CURRENT AND CONSTANT (1972) DOLLARS: 1960 TO 1980

[In cents per million British thermal units (Btu), except as indicated. All fuel prices taken as close to the point of production as possible. See text, p. 575, for explanation of Btu conversions from mineral fuels. Minus sign (—) denotes decrease]

YEAR OR PERIOD	CURRENT DOLLARS					CONSTANT (1972) DOLLARS					GNP ^a price deflators (1972=100)
	Com- posite ¹	Crude oil	Natural gas	Bitumi- nous coal ²	Anthra- cite coal	Com- posite ¹	Crude oil	Natural gas	Bitumi- nous coal ²	Anthra- cite coal	
1960	28.7	49.7	12.6	18.3	33.0	41.8	72.3	18.3	26.6	48.0	68.7
1965	28.0	49.3	14.2	17.5	35.3	37.7	66.3	19.1	23.5	47.5	74.4
1970	32.3	54.8	15.5	25.5	47.1	35.3	59.9	16.9	27.9	51.5	91.5
1971	34.7	58.4	16.5	29.2	51.4	36.1	60.8	17.2	30.4	53.5	96.0
1972	35.5	58.4	16.9	31.8	52.9	35.5	58.4	16.9	31.9	52.9	100.0
1973	40.3	67.1	19.8	35.5	58.9	38.1	63.5	18.7	33.6	55.7	105.7
1974	69.2	118.4	27.7	66.4	98.4	60.2	103.0	24.1	57.8	85.6	114.9
1975	83.9	132.2	40.6	82.9	137.9	66.8	105.3	32.3	68.0	109.8	125.6
1976	91.5	141.2	53.1	83.9	149.0	69.3	106.9	40.2	63.5	112.8	132.1
1977	101.9	147.8	72.9	87.3	150.4	72.9	105.7	51.7	62.4	107.6	139.8
1978	112.3	155.2	83.2	97.1	149.9	74.8	103.4	55.4	64.7	99.9	150.1
1979	142.5	217.9	107.9	104.0	161.1	87.5	133.9	66.3	63.9	98.0	162.8
1980, prel.	203.1	365.5	136.5	115.1	173.8	114.5	206.0	76.9	64.9	98.0	177.4
Percent change:											
1960-70	12.5	10.3	23.0	39.3	42.7	-15.6	-17.2	-7.7	4.9	7.3	33.2
1970-79	24.8	22.4	27.7	39.2	25.1	7.9	6.0	10.7	20.4	8.2	15.5
1973-75	108.2	97.0	105.1	133.5	134.1	75.3	65.8	72.7	96.4	97.1	18.8
1975-78	33.8	17.4	104.9	17.1	8.7	12.0	-1.8	71.5	-2.0	-9.0	19.5
1978-79	28.9	40.4	29.7	7.1	7.5	17.0	28.5	19.7	-1.2	-9	8.5
1979-80, prel.	42.5	67.7	26.5	106.7	7.9	30.9	53.8	16.0	1.6	-1.0	8.0

¹ Weighted by relative importance of individual fuels in total mineral fuels production. ² Includes lignite. ³ GNP=Gross national product; see text, p. 467.

Source of tables 1000 and 1001: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

NO. 1002. WORLD ENERGY CONSUMPTION, BY REGION AND ENERGY SOURCE: 1960 TO 1979

[In tons of coal equivalent, Metric ton=1.1023 short tons. See text, p. 864, for general comments about the data]

REGION AND ENERGY SOURCE	CONSUMPTION (mil. metric tons)									PERCENT DISTRIBUTION		
	1960	1965	1970	1974	1975	1976	1977	1978	1979	1960	1970	1979
World total	4,019	4,992	6,512	7,471	7,529	7,930	8,168	8,395	8,706	100.0	100.0	100.0
United States.....	1,447	1,745	2,204	2,346	2,284	2,395	2,435	2,452	2,508	36.0	35.0	28.8
Western Europe.....	787	1,000	1,303	1,450	1,413	1,500	1,482	1,526	1,576	19.6	20.0	18.1
Japan.....	96	167	315	371	354	376	383	381	431	2.4	3.3	5.0
Centrally planned economies ¹	1,254	1,470	1,824	2,222	2,347	2,458	2,597	2,725	2,819	31.2	29.4	32.4
Rest of world.....	435	610	866	1,082	1,131	1,201	1,261	1,311	1,374	10.8	12.2	15.8
Energy source:												
Solid fuels.....	2,049	2,114	2,272	2,343	2,397	2,476	2,560	2,612	2,738	51.0	42.3	31.5
Liquid fuels.....	1,283	1,883	2,792	3,362	3,348	3,578	3,692	3,768	3,834	32.2	37.7	44.0
Natural gas.....	593	862	1,293	1,557	1,561	1,645	1,666	1,736	1,846	14.8	17.7	21.2
Electricity.....	85	116	155	209	223	231	250	277	288	2.1	2.3	3.3

¹Includes China, Dem. People's Rep. of Korea, Mongolia, Vietnam, Albania, Bulgaria, Czechoslovakia, German Dem. Rep., Hungary, Poland, Romania, and Soviet Union.

 Source: Statistical Office of the United Nations, New York, N.Y., *World Energy Supplies*, Statistical Papers, series J, vol. 21; and unpublished data. (Copyright.)

NO. 1003. WORLD ENERGY CONSUMPTION, GROWTH RATE, ENERGY/GROSS DOMESTIC PRODUCT (GDP) RATIOS, AND FUEL SHARES: 1960 TO 1978

[Minus sign (—) denotes decrease]

REGION OR COUNTRY	ENERGY CONSUMPTION						ENERGY GROWTH RATE (percent)		ENERGY/GDP RATIOS (1,000 Btu per constant 1975 U.S. dollars)		
	1960 (quad. Btu)	1973 (quad. Btu)	Total (quad. Btu)	1978			1960-1973	1973-1978	1960	1973	1978
				Fuel shares ¹ (percent)							
				Coal	Oil	Natural gas					
Total free world	90.9	180.3	191.6	18	55	18	5.4	1.2	37.4	36.6	33.6
OECD countries	80.4	155.4	160.9	18	53	19	5.2	.7	37.6	38.4	35.2
United States ²	44.2	75.1	78.8	18	49	25	4.2	1.0	47.4	48.1	44.3
Canada	3.9	8.1	9.0	6	42	22	5.7	2.1	50.5	51.8	49.3
Japan	3.9	15.3	14.9	13	73	5	11.0	—5	28.5	30.8	25.7
Australia and New Zealand	1.4	2.9	3.5	40	42	10	5.5	3.8	25.8	28.3	30.4
Western Europe	26.9	54.0	54.7	19	56	14	5.5	.3	28.6	31.2	28.5
Austria and Switzerland	.9	2.0	2.1	5	53	11	6.5	1.0	17.1	21.2	21.5
Benelux ³ and Denmark	2.7	7.3	6.4	10	57	30	7.8	—2.6	28.1	40.5	31.7
Finland, Norway, and Sweden	1.8	3.9	4.1	5	50	2	6.4	1.0	26.6	33.2	31.5
France	3.7	8.2	8.2	15	61	11	6.3	.9	22.9	25.1	21.8
Germany, F.R.	6.2	11.5	12.0	26	54	16	4.9	.9	25.8	28.9	25.4
Greece and Turkey	.4	1.4	1.9	30	64	—	10.8	6.3	17.9	27.5	26.8
Italy	2.2	6.2	6.2	6	69	17	8.4	—	24.1	35.4	32.0
Spain and Portugal	1.0	3.0	3.6	15	67	2	8.5	3.7	22.5	28.7	28.3
United Kingdom and Ireland	8.0	10.4	10.1	34	44	17	2.1	—3.6	49.0	42.6	39.6
OPEC ⁴	1.7	5.0	6.2	—	71	24	8.6	4.4	27.9	23.7	22.1
Other countries	8.8	20.0	24.5	24	65	7	5.4	1.2	37.4	36.6	33.6

 — Represents zero. ¹Hydroelectric power, geothermal, and nuclear are not shown separately, but constitute the residual category collectively. ²Includes Puerto Rico and Virgin Islands. ³Benelux countries consist of Belgium, the Netherlands, and Luxembourg. ⁴See table 1005 for countries in OPEC.

 Source: U.S. Energy Information Administration, *1980 Annual Report to Congress*, vol. III.

No. 1004. U.S. FOREIGN TRADE IN SELECTED MINERAL FUELS: 1960 TO 1980

[Btu=British thermal units. See text, p. 575. Minus sign (-) denotes an excess of imports over exports. See also *Historical Statistics, Colonial Times to 1970*, series M 100, 101, 127, 128, 140, 141, 178, and 181]

YEAR	NATURAL GAS						CRUDE OIL					
	Imports		Exports		Net trade		Imports		Exports		Net trade	
	Bil. cu. ft.	Tril. Btu	Bil. cu. ft.	Tril. Btu	Bil. cu. ft.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu
1960.....	155.6	161	11.3	12	-144.3	-149	372	2,196	3	18	-369	-2,178
1965.....	456.4	471	26.1	27	-430.3	-444	452	2,654	1	6	-451	-2,648
1970.....	820.8	846	69.8	72	-751.0	-774	483	2,814	5	29	-478	-2,785
1971.....	934.5	964	80.2	83	-854.3	-881	613	3,573	1	3	-612	-3,570
1972.....	1,019.5	1,047	78.0	80	-941.5	-967	811	4,712	(2)	1	-811	-4,710
1973.....	1,032.9	1,060	77.2	78	-955.7	-981	1,184	6,887	1	4	-1,183	-6,893
1974.....	959.3	985	76.8	78	-882.5	-907	1,269	7,395	1	6	-1,268	-7,389
1975.....	953.0	978	72.7	74	-880.3	-904	1,498	8,721	2	12	-1,496	-8,709
1976.....	963.8	988	64.7	66	-899.1	-922	1,935	11,239	3	17	-1,932	-11,221
1977.....	1,011.0	1,037	55.6	56	-955.4	-981	2,414	14,027	18	106	-2,396	-13,921
1978.....	955.5	995	52.5	53	-913.0	-941	2,320	13,460	58	335	-2,262	-13,125
1979.....	1,253.4	1,300	55.7	56	-1,197.7	-1,244	2,380	13,625	86	497	-2,294	-13,328
1980.....	994.0	1,031	55.0	56	-939.0	-975	1,911	11,102	104	602	-1,799	-10,500
	COAL						PETROLEUM PRODUCTS					
	Imports		Exports		Net trade		Imports		Exports		Net trade	
	1,000 sh. tons	Tril. Btu	1,000 sh. tons	Tril. Btu	1,000 sh. tons	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu
1960.....	262	7	37,981	1,029	37,719	1,017	293	1,802	71	413	-222	-1,389
1965.....	184	5	52,165	1,376	51,881	1,372	449	2,748	67	368	-382	-2,368
1970.....	36	1	72,419	1,935	72,383	1,935	765	4,656	89	520	-676	-4,136
1971.....	111	3	58,022	1,546	57,911	1,543	819	4,968	81	470	-738	-4,498
1972.....	47	1	57,168	1,530	57,141	1,530	924	5,578	81	467	-843	-5,120
1973.....	127	3	54,030	1,456	53,903	1,453	1,099	6,587	84	482	-1,015	-6,096
1974.....	2,080	52	61,095	1,637	59,015	1,585	962	5,731	79	458	-883	-5,273
1975.....	940	24	66,765	1,789	65,825	1,766	712	4,427	74	427	-838	-3,800
1976.....	1,203	30	60,594	1,620	59,391	1,590	741	4,434	79	452	-862	-3,982
1977.....	1,647	41	54,713	1,465	53,066	1,424	800	4,728	70	408	-730	-4,320
1978.....	2,953	74	40,987	1,097	38,014	1,023	733	4,364	74	432	-659	-3,932
1979.....	2,059	51	66,381	1,760	64,322	1,728	707	4,108	86	505	-821	-3,603
1980.....	1,194	30	92,082	2,474	90,888	2,444	582	3,381	94	554	-488	-2,827

Z Less than 500,000. ¹ Includes strategic petroleum reserve imports. ² Includes shipments to U.S. Armed Forces.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

No. 1005. CRUDE OIL IMPORTS INTO U.S., BY COUNTRY OF ORIGIN: 1970 TO 1980

COUNTRY	IMPORTS (mil. 42-gal. bbls.)										PERCENT DISTRIBUTION		
	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1970	1975	1980
Total.....	483	811	1,184	1,269	1,498	1,935	2,414	2,320	2,380	1,911	100.0	100.0	100.0
Canada.....	245	312	365	289	219	136	102	90	99	73	50.7	14.6	3.8
Mexico.....	-	-	(2)	1	26	32	65	115	160	184	-	1.7	9.6
Norway.....	-	-	-	(2)	5	13	18	38	28	52	-	.3	2.7
Trinidad-Tobago.....	(2)	9	22	23	42	38	49	52	45	42	(2)	2.8	2.2
United Kingdom.....	-	-	-	-	-	5	36	62	72	64	-	-	3.3
OPEC.....	222	475	767	926	1,171	1,663	2,058	1,892	1,866	1,403	46.0	78.2	73.5
Algeria.....	2	32	44	66	96	149	198	231	222	165	.4	6.4	8.6
Ecuador.....	-	5	17	15	21	19	20	14	11	6	-	1.4	.3
Gabon.....	-	-	-	9	10	10	13	14	15	9	-	.6	.5
Indonesia.....	26	60	73	103	138	196	185	195	139	112	5.4	9.2	5.9
Iran.....	12	50	79	169	102	109	193	202	108	3	2.5	6.8	.2
Iraq.....	-	1	2	-	(2)	10	27	23	32	10	-	(2)	.5
Kuwait.....	12	13	15	2	1	(2)	15	2	2	7	2.5	.1	.4
Libya.....	17	40	49	1	81	162	257	233	234	200	3.5	5.4	10.5
Nigeria.....	17	89	164	254	272	371	412	332	390	304	3.5	16.2	15.9
Qatar.....	-	1	3	6	7	9	24	23	11	8	-	.5	.4
Saudi Arabia.....	15	64	169	160	256	447	501	417	492	456	3.1	17.1	23.9
Un. Arab Emirates ¹	23	27	26	25	43	93	122	141	103	66	4.8	2.9	3.5
Venezuela.....	98	93	126	116	144	88	91	66	107	56	20.3	9.6	2.9
Other.....	16	15	30	30	35	48	86	71	110	93	3.3	2.3	4.9

- Represents zero. Z Less than 500,000 or less than .05 percent. ¹ Abu Dhabi prior to 1972.

Source: 1970-1976, U.S. Bureau of Mines, *Minerals Yearbook and Mineral Industry Surveys*; thereafter, U.S. Energy Information Administration, *Energy Data Report, Petroleum Statement*, annual.

NO. 1006. CRUDE OIL AND REFINED PRODUCTS SUMMARY: 1973 TO 1981

(Barrels of 42 gallons)

YEAR AND MONTH	CRUDE OIL (1,000 bbl. per day)					REFINED OIL PRODUCTS (1,000 bbl. per day)				Total oil im- ports ² (1,000 bbl. per day)	CRUDE OIL STOCKS ³ (mil. bbl.)	
	Input to refiner- ies	Do- mestic pro- duction	Imports		Ex- ports	Do- mestic de- mand	Im- ports	Ex- ports	Total		Strat- egic re- serve	
			Total ¹	Strat- egic re- serve								
1973, avg.....	12,431	9,208	3,244	(X)	2	17,308	3,012	229	6,256	242	(X)	
1974, avg.....	12,133	8,774	3,477	(X)	3	16,653	2,635	218	6,112	265	(X)	
1975, avg.....	12,442	8,375	4,105	(X)	6	16,322	1,951	204	6,056	271	(X)	
1976, avg.....	13,416	8,132	5,287	(X)	8	17,461	2,028	215	7,313	285	(X)	
1977, avg.....	14,602	8,245	6,594	80	50	18,431	2,193	193	8,807	340	(X)	
1978, avg.....	14,739	8,707	6,195	161	158	18,847	2,008	204	8,363	309	67	
1979, avg.....	14,648	8,552	6,452	67	235	18,513	1,937	236	8,456	339	91	
1st qtr.....	14,477	8,534	6,442	168	278	20,369	2,231	219	8,841	317	83	
2d qtr.....	14,607	8,529	6,296	76	221	17,675	1,732	242	8,104	326	89	
3d qtr.....	14,890	8,478	6,589	26	222	17,566	1,780	234	8,394	324	91	
4th qtr.....	14,648	8,664	6,481	-	219	18,472	2,008	249	8,490	339	91	
1980, avg.....	13,483	8,597	5,177	44	284	17,006	1,611	258	6,831	358	108	
1st qtr.....	14,063	8,685	6,029	-	315	18,274	1,672	233	7,901	362	91	
2d qtr.....	13,502	8,625	5,366	-	296	16,358	1,440	265	6,806	382	91	
3d qtr.....	13,190	8,531	4,674	18	211	16,074	1,418	256	6,110	375	93	
4th qtr.....	13,182	8,548	4,649	154	314	17,327	1,714	276	6,520	358	108	
1981:												
1st qtr.....	12,827	8,578	4,617	109	251	16,826	1,677	300	6,402	396	121	
2d qtr.....	12,269	8,543	3,893	326	212	15,464	1,301	302	5,521	386	163	

- Represents zero. X Not applicable. ¹ Excludes Strategic Petroleum Reserve. ² Crude oil (including Strategic Petroleum imports) plus refined products. ³ End of year or quarter.

Source: U.S. Energy Information Administration, 1973-1978, *Monthly Energy Review*; thereafter, *Quarterly Report—Report to Congress, Fourth Quarter 1980 and Second Quarter 1981*.

NO. 1007. ENERGY PRODUCING COMPANIES—SELECTED FINANCIAL AND INVESTMENT INDICATORS, 1975 TO 1979, AND BY LINE-OF-BUSINESS, 1979

[Based on data from 26 major publicly-owned domestic crude oil producing companies which either had at least one percent of domestic production or reserves of oil, natural gas, coal, or uranium, or at least one percent of refining capacity or petroleum product sales]

Product sales										
ITEM	1975	1976	1977	1978	1979, prei.					
					Total ¹	Line-of-business				
						Petro- leum	Coal	Nuclear	Other ener- gy	Non- ener- gy
INCOME STATEMENT (bil. dol.)										
Operating revenues.....	206.1	233.8	266.7	294.8	362.6	347.0	3.1	² 1.2		55.7
Operating expenses.....	177.8	205.0	238.6	265.0	345.8	301.6	2.9	² 1.6		52.0
Operating income.....	28.3	28.8	28.1	29.8	46.8	45.4	.2	-.1	-.2	3.7
Pretax income.....	29.9	30.3	28.2	29.9	48.5	48.3	.2	-.2	-.2	4.1
Funds from operations.....	19.0	22.8	25.9	29.5	42.1	38.2	.5	.2	.1	5.2
BALANCE SHEET (bil. dol.)										
Net property, plant, and equipment.....	94.6	108.1	125.6	138.1	159.3	122.1	3.7	1.1	2.4	28.5
Net investment in place ³	103.0	117.1	134.8	148.1	169.9	128.1	4.1	1.1	2.4	31.8
Total assets.....	171.0	193.7	216.6	236.9	282.5	(NA)	(NA)	(NA)	(NA)	(NA)
RATIOS (percent)										
Net income to operating revenues.....	5.0	5.2	4.7	4.7	6.0	6.6	8.1	² -9.6		5.0
Net income to total assets.....	6.0	6.2	5.8	5.9	8.3	(NA)	(NA)	(NA)	(NA)	(NA)
Net income to stockholders' equity.....	12.2	13.0	12.6	12.8	18.8	(NA)	(NA)	(NA)	(NA)	(NA)
Long-term debt to stockholders' equity ⁴	33.1	36.2	38.6	35.6	33.7	(NA)	(NA)	(NA)	(NA)	(NA)
Long-term debt to total assets ⁴	16.4	17.3	17.9	16.3	14.9	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. ¹ Includes items which cannot be allocated and adjustment for duplication, not shown separately. ² Combined to avoid disclosure. ³ Composed of net property, plant and equipment plus investment and advances to unconsolidated subsidiaries. ⁴ Long-term debt includes amounts applicable to capitalized leases.

Source: U.S. Energy Information Administration, *Performance Profiles of Major Energy Producers, 1978*, and unpublished data. Prior to 1977, from *Standard and Poor's Compustat Services, Inc.*

NO. 1008. PETROLEUM AND COAL PRODUCTS—SALES, NET PROFIT, AND PROFIT PER DOLLAR OF SALES: 1965 TO 1980

[Profit rates are averages of quarterly figures at annual rates]

ITEM	Unit	1965	1970	1973	1974 ¹	1974 ²	1975 ²	1976 ²	1977 ²	1978 ²	1979 ²	1980 ²
Sales.....	Bil. dol.	41.4	64.1	97.8	180.4	113.5	121.8	141.3	162.3	180.3	242.7	333.2
Net profit:												
Before taxes ³	Bil. dol.	5.3	7.0	9.5	15.6	17.7	13.3	16.9	17.8	19.2	32.2	39.1
After taxes.....	Bil. dol.	4.5	5.9	7.4	12.3	14.5	9.3	11.7	12.2	12.8	21.9	25.5
Depreciation ⁴	Bil. dol.	2.9	4.5	5.7	(NA)	5.1	5.6	5.9	6.8	7.7	9.5	11.6
Profits per dollar of sales:												
Before taxes ³	Cents.....	12.7	11.0	9.8	8.6	15.6	10.9	12.0	11.0	10.6	13.3	11.8
After taxes.....	Cents.....	10.9	9.2	7.6	6.8	12.8	7.6	8.3	7.5	7.1	9.0	7.7
Profits on stockholders' equity:												
Before taxes ³	Percent.....	13.9	13.0	14.9	(NA)	25.8	17.9	20.3	19.9	19.8	30.0	30.7
After taxes.....	Percent.....	11.8	11.0	11.6	(NA)	21.1	12.5	14.1	13.6	13.3	20.4	20.0

NA Not available. ¹ Estimates based on FTC reporting requirements in use prior to 1974. ² Beginning 1974, based on new FTC reporting requirements. ³ Federal income taxes. ⁴ Includes depreciation and accelerated amortization of emergency facilities.

Source: U.S. Federal Trade Commission, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations*.

NO. 1009. MAJOR PETROLEUM COMPANIES—FINANCIAL DATA SUMMARY: 1970 TO 1980

[Data represent a composite of approximately 41 major worldwide petroleum companies aggregated on a consolidated, total company basis]

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
FINANCIAL DATA (bil. dol.)										
Net income.....	6.9	6.8	11.8	15.9	11.6	14.3	15.1	16.0	32.8	36.1
Depreciation, depletion, etc.....	7.4	9.1	10.5	13.0	11.3	14.8	18.3	19.8	24.9	30.9
Cash flow ¹	14.2	15.9	22.3	28.9	22.8	28.1	33.4	35.8	57.7	67.0
Dividends paid.....	3.8	3.8	4.0	4.5	4.7	5.4	6.3	6.8	8.0	9.4
Net internal funds available for investment or debt repayment ²	10.5	12.1	18.3	24.5	18.1	23.7	27.1	29.0	49.7	57.6
Capital and exploratory expenditures.....	13.3	14.3	16.3	25.8	26.9	30.7	31.8	37.1	61.1	64.5
Long-term capitalization.....	84.5	93.7	102.9	112.9	121.1	142.9	150.1	168.0	196.9	227.0
Long-term debt.....	18.5	21.8	22.5	25.0	28.9	39.1	38.4	45.1	48.1	52.7
Preferred stock.....	1.3	.4	.4	.4	.3	.9	.9	.9	.9	.9
Common stock and retained earnings ³	64.6	71.5	80.0	87.4	91.9	103.5	110.8	122.0	147.9	173.4
Excess of expenditures over cash income ⁴	2.8	2.2	-2.0	1.3	8.9	6.9	4.7	8.1	1.4	6.9
RATIOS ⁵ (percent)										
Long-term debt to long-term capitalization.....	21.9	23.3	22.0	22.2	23.8	27.4	25.6	26.8	24.4	23.2
Net income to total average capital.....	8.3	7.4	12.0	14.8	10.0	10.7	10.1	9.9	17.8	17.0
Net income to avg. common equity.....	10.7	9.7	15.6	19.0	13.1	14.3	13.9	13.5	24.0	22.5

¹ Generally represents internally-generated funds from operations. Sum of net income and noncash charges such as depreciation, depletion, and amortization. ² Cash flow minus dividends paid. ³ Includes common stock, capital surplus, and earned surplus accounts after adjustments. ⁴ Capital and exploratory expenditures plus dividends paid minus cash flow. ⁵ Represent approximate year-to-year comparisons because of changes in the makeup of the group due to mergers and other corporate changes.

Source: Carl H. Plorzheimer & Co., New York, N.Y., *Comparative Oil Company Statements, 1979-1980*.

NO. 1010. ELECTRIC UTILITY ENERGY USE, 1960 TO 1980, AND PROJECTED REQUIREMENTS, 1981 TO 1990

[Excludes industrial facilities and railways having own generating facilities. For explanation of average annual percent change, see Guide to Tabular Presentation]

ITEM	1960	1965	1970	1975	1979	1980 ¹	1981	1985	1989	1990
Energy use (bil. kWh).....	753	1,055	1,532	1,918	2,247	2,286	2,400	2,815	3,230	(NA)
Annual percent change ²	6.7	7.0	7.7	4.8	4.0	1.7	5.0	4.1	3.5	(NA)
Per capita ³ kWh (1,000).....	4.2	5.5	7.5	9.0	10.2	10.3	(NA)	(NA)	(NA)	(NA)
Peak load (mil. kW).....	138	189	276	345	402	430	442	511	585	603
Annual percent change ²	7.1	6.5	7.9	4.6	3.9	7.0	3.0	3.7	3.4	3.1

NA Not available. ¹ Preliminary. ² Average annual change from prior year shown; for 1960, change from 1955. ³ Based on U.S. Bureau of the Census population data including Armed Forces abroad for July 1, except 1970, for April 1. Projection figures used are for series II (see table 30, p. 27) based on 1976 estimates of the population.

Source: 1960-1975, U.S. Federal Power Commission, unpublished data; thereafter, U.S. Energy Information Administration, *Power Production, Fuel Consumption, and Installed Capacity Data—Annual, and Monthly Electric Energy and Peak Load Data—December*.

NO. 1011. ELECTRIC ENERGY PRODUCTION AND INSTALLED GENERATING CAPACITY, BY TYPE OF PRIME MOVER AND CONSUMPTION OF FUELS: 1960 TO 1980

[Production for calendar years; other data as of December 31. 1960 excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series S 32-52, S 78-82, and S 86-107]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980
PRODUCTION										
Total	Bil. kWh	842	1,158	1,640	2,003	2,125	2,212	2,285	2,319	(NA)
Average annual change ¹	Percent	6.0	6.6	7.2	4.1	6.1	4.1	3.3	1.5	(NA)
Production, kWh per kW of capacity	Number	4,529	4,548	4,545	3,798	3,863	3,818	3,818	3,766	(NA)
Industrial plants ²	Bil. kWh	88	102	108	85	87	88	79	71	(NA)
Electric utilities ³	Bil. kWh	753	1,055	1,532	1,918	2,038	2,124	2,206	2,247	2,286
Privately owned	Bil. kWh	579	809	1,183	1,487	1,582	1,684	1,721	1,756	1,783
Percent of total utilities	Percent	76.8	76.7	77.2	77.5	77.6	79.3	78.0	78.1	78.0
Publicly owned	Bil. kWh	175	246	349	431	456	440	485	491	503
Municipal	Bil. kWh	37	50	71	82	78	83	90	87	87
Federal	Bil. kWh	112	145	186	221	236	214	235	236	235
Cooperatives and other	Bil. kWh	26	51	91	128	141	143	160	168	182
Source of energy:										
Coal ⁴	Percent	53.5	54.1	46.2	44.7	46.5	46.6	44.4	48.1	51.1
Nuclear	Percent	.1	.4	1.4	9.0	9.4	11.8	12.5	11.4	11.0
Oil	Percent	6.1	6.1	11.9	15.1	15.7	16.8	16.5	13.5	10.7
Gas	Percent	21.0	21.0	24.3	15.6	14.5	14.4	13.8	14.7	15.1
Hydro	Percent	19.3	18.4	16.2	15.6	13.9	10.4	12.7	12.4	12.1
INSTALLED CAPACITY										
Total	Mil. kW	186	255	361	527	550	579	598	616	631
Average annual change ¹	Percent	7.3	6.5	7.2	7.9	4.6	5.3	3.3	2.9	2.4
Industrial plants ²	Mil. kW	18	18	19	19	19	19	19	17	17
Electric utilities ³	Mil. kW	168	236	342	508	531	560	579	598	614
Privately owned	Mil. kW	128	179	263	399	415	438	454	464	477
Percent of total utilities	Percent	76.5	75.2	76.9	78.5	78.2	78.2	78.3	77.6	77.7
Publicly owned	Mil. kW	40	59	79	109	116	122	126	134	137
Municipal	Mil. kW	11	15	21	29	31	33	34	34	35
Federal	Mil. kW	22	32	39	50	52	53	54	58	59
Cooperatives and other	Mil. kW	6	11	19	30	33	36	37	42	43
ELECTRIC UTILITIES ³										
TYPE OF PRIME MOVER										
Prime movers, total ⁵	Number	3,435	3,290	3,533	3,587	3,576	3,587	3,586	3,573	3,575
Hydro	Number	1,331	1,231	1,188	1,146	1,140	1,145	1,146	1,145	1,142
Steam conventional	Number	1,055	1,059	998	937	927	926	925	925	934
Gas turbine	Number	5	9	16	42	45	49	50	51	51
Steam nuclear	Number	1,044	991	1,008	965	954	947	939	915	907
Internal combustion	Number	1,044	991	1,008	965	954	947	939	915	907
Production	Bil. kWh	753	1,055	1,532	1,918	2,038	2,124	2,206	2,247	2,286
Hydro	Bil. kWh	146	184	246	300	284	220	280	280	276
Steam conventional	Bil. kWh	602	852	1,241	1,417	1,534	1,619	1,613	1,680	1,731
Gas turbine	Bil. kWh	1	4	16	22	24	29	31	28	24
Steam nuclear	Bil. kWh	1	4	22	173	191	251	276	255	251
Internal combustion	Bil. kWh	4	5	6	6	5	5	5	4	4
Installed capacity	Mil. kW	168	236	342	508	531	560	579	598	614
Hydro	Mil. kW	32	44	55	66	68	69	71	75	76
Steam conventional	Mil. kW	133	188	260	353	368	388	400	412	425
Gas turbine	Mil. kW	(2)	1	6	40	43	50	54	55	56
Steam nuclear	Mil. kW	3	3	4	5	5	5	6	5	6
Internal combustion	Mil. kW	3	3	4	5	5	5	6	5	6
ELECTRIC UTILITIES ³										
CONSUMPTION OF FUELS										
Net generation by fuel ⁶	Bil. kWh	607	861	1,284	1,618	1,754	1,904	1,926	1,968	2,010
Average annual change ¹	Percent	6.9	7.2	7.6	4.7	8.5	8.5	1.2	2.2	2.1
Coal ⁷	Bil. kWh	403	571	706	853	945	985	977	1,076	1,162
Percent of total	Percent	66.4	66.3	54.3	52.7	53.8	51.7	50.7	54.7	57.8
Fuel oil	Bil. kWh	46	65	182	288	320	358	364	303	246
Gas	Bil. kWh	158	221	373	300	295	306	305	329	346
Nuclear	Bil. kWh	1	4	22	173	191	251	276	255	251
Fuel consumed:										
Total coal equivalent	Mil. tons ⁸	266	369	583	770	833	922	950	965	985
Coal, including lignite	Mil. tons ⁸	177	245	321	406	448	477	482	527	569
Oil	Mil. bbl	85	115	336	506	556	624	636	523	420
Gas	Bil. cu. ft.	1,724	2,321	3,932	3,158	3,081	3,191	3,188	3,491	3,682

NA not available. Z Less than .5 million. ¹ Change from prior year shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. ² Plants of 100 kilowatts and over, including stationary powerplants of railroads. ³ For public use. ⁴ Includes small percentage from wood and waste, geothermal, and petroleum coke. ⁵ Each prime mover type in combination plants counted separately. ⁶ Includes limited output of wood, waste and geothermal power. ⁷ Includes petroleum coke. ⁸ Short tons.

Source: 1960-1970, U.S. Federal Power Commission, *Electric Power Statistics*, and press releases; thereafter, U.S. Energy Information Administration, *Power Production, Fuel Consumption, and Installed Capacity Data—Annual*, and unpublished data.

NO. 1012. ELECTRIC ENERGY—PRODUCTION AND INSTALLED GENERATING CAPACITY, BY STATES: 1970 AND 1980

[Capacity as of Dec. 31. Covers utilities for public use and industrial plants for 1970; only utilities for 1980]

STATE	PRODUCTION (bil. kWh)			INSTALLED CAPACITY (mil. kW)		STATE	PRODUCTION (bil. kWh)			INSTALLED CAPACITY (mil. kW)	
	1970	1980		1970	1980		1970	1980		1970	1980
		Total	Percent private-ly owned ¹					Total	Percent private-ly owned ¹		
U.S.	1,640.0	2,286.0	78.0	360.8	613.5	S.A.—Con.					
N.E.	65.6	78.2	99.1	14.6	21.1	Va.	31.0	34.3	98.3	6.8	11.7
Maine	7.3	7.9	99.8	1.4	2.4	W. Va.	39.2	70.8	100.0	7.2	15.2
N.H.	5.4	6.0	100.0	1.2	1.6	N.C.	53.2	72.1	98.1	10.0	15.6
Vt.	1.0	3.8	96.6	3	9	S.C.	18.0	41.9	79.1	4.8	11.7
Mass.	30.2	34.8	98.5	6.6	9.6	Ga.	29.4	63.3	96.6	6.7	16.3
R.I.	1.6	1.0	99.9	.4	.3	Fla.	57.8	95.9	85.5	13.9	29.0
Conn.	20.0	24.7	99.9	4.6	6.3	E.S.C.	151.7	214.1	37.0	32.0	53.3
M.A.	221.6	260.4	87.0	52.3	78.4	Ky.	45.2	57.1	40.3	9.4	13.8
N.Y.	97.8	108.6	69.2	22.7	31.4	Tenn.	45.0	60.2	1.4	9.8	15.9
N.J.	38.3	29.4	99.0	8.9	12.6	Ala.	49.9	78.3	50.0	10.2	18.2
Pa.	86.5	122.4	100.0	20.7	34.4	Miss.	11.6	18.5	87.9	2.7	5.5
E.N.C.	313.0	397.0	96.0	67.8	107.9	W.S.C.	211.4	313.1	88.4	46.1	84.7
Ohio	85.8	110.2	99.1	18.2	27.4	Ark.	15.4	19.7	88.0	3.6	7.2
Ind.	59.3	70.6	96.6	12.2	17.1	La.	46.4	45.7	90.5	9.2	12.9
Ill.	76.7	103.4	96.8	18.3	29.9	Okla.	23.6	44.6	89.6	4.8	11.3
Mich.	61.4	74.8	94.0	12.1	22.7	Tex.	125.9	203.0	67.8	28.4	53.3
Wis.	29.8	37.8	88.1	6.9	10.7	Mt.	76.9	158.8	66.5	17.8	35.8
W.N.C.	102.8	168.1	66.1	24.9	49.0	Mont.	10.0	15.5	67.6	1.8	3.2
Minn.	20.4	31.5	95.9	4.5	8.8	Idaho	7.3	9.5	70.2	1.3	2.0
Iowa	15.1	21.8	93.5	3.7	7.3	Wyo.	6.7	22.4	95.0	1.2	4.1
Mo.	29.4	48.9	73.3	7.7	13.8	Colo.	12.3	23.6	55.1	2.9	6.1
N. Dak.	6.7	15.8	3.7	1.4	3.4	N. Mex.	15.6	24.7	97.7	3.6	5.0
S. Dak.	7.3	8.6	33.0	1.7	2.2	Ariz.	14.4	36.9	18.1	4.3	9.4
Nebr.	8.0	16.3	-	2.2	5.1	Utah	4.8	12.1	95.3	1.0	2.1
Kans.	15.9	25.1	84.6	3.7	8.3	Nev.	5.9	14.1	83.6	1.6	3.9
S.A.	263.5	417.5	93.4	56.6	111.5	Pac.	233.4	278.8	48.1	48.9	71.9
Del.	5.8	6.4	92.3	1.0	1.6	Wash.	73.0	92.3	12.5	13.0	23.0
Md.	24.9	32.2	99.7	5.3	9.2	Oreg.	30.5	36.6	36.7	5.7	8.5
D.C.	3.1	.7	100.0	1.1	1.2	Calif.	123.9	140.3	73.1	28.7	37.8
						Alaska	1.5	3.1	2.8	.4	1.1
						Hawaii	4.4	6.5	100.0	1.1	1.4

— Represents zero. ¹ Percent privately owned electric utilities of total production or capacity.

Source: 1970, U.S. Federal Power Commission, *Electric Power Statistics*, monthly; 1980, U.S. Energy Information Administration, *Power Production, Fuel Consumption, and Installed Capacity Data—Annual*.

NO. 1013. ELECTRIC UTILITY INDUSTRY—CAPABILITY, PEAK LOAD, AND CAPABILITY MARGIN: 1970 TO 1980

[Excludes Alaska and Hawaii. Minus sign (—) denotes decrease]

YEAR	CAPABILITY			PEAK LOAD		CAPABILITY MARGIN	
	Total (mil. kW)	Annual increase (mil. kW)	Percent annual increase ¹	Total (mil. kW)	Annual percent change	Total (mil. kW)	Percent of capability
1970: Summer	326.9	26.6	8.9	274.7	6.6	52.3	16.0
December	339.1	27.6	8.9	248.6	5.1	90.5	26.7
1974: Summer	444.4	28.9	7.0	349.3	1.6	95.2	21.4
Winter	467.4	34.2	7.9	302.5	2.5	164.9	35.3
1975: Summer	479.3	34.9	7.9	356.8	2.2	122.5	25.6
Winter	492.5	25.1	5.4	331.1	9.5	161.4	32.8
1976: Summer	488.8	19.5	4.1	370.9	4.0	127.9	25.6
Winter	511.0	18.5	3.8	349.9	5.7	161.1	31.5
1977: Summer	516.0	17.3	3.5	396.4	6.9	119.7	23.2
Winter	537.6	28.9	5.2	360.2	2.9	177.4	33.0
1978: Summer	545.7	29.7	5.8	408.1	3.0	137.7	25.2
Winter	561.6	24.0	4.5	383.1	6.4	178.5	31.8
1979: Summer	558.3	12.6	2.2	411.6	.9	146.7	26.3
Winter	589.2	7.6	1.4	380.7	—6	188.5	33.1
1980: Summer	562.1	3.8	.7	438.1	6.4	124.0	22.1
Winter	(NA)	(NA)	(NA)	395.8	4.0	(NA)	(NA)

NA Not available. ¹ Percent change from previous year; e.g., 1970 from 1969 and 1974 from 1973.

Source: Edison Electric Institute, Washington, D.C., 1979 *Statistical Year Book of the Electric Utility Industry* and 1981 *Annual Electric Power Survey*.

NO. 1014. PRIVATELY AND PUBLICLY OWNED ELECTRIC UTILITY GENERATING PLANTS—NUMBER AND CAPACITY, BY TYPE AND SIZE OF PRIME MOVER: 1970 TO 1980

[Capacity as of Dec. 31. Each prime mover type in combination plants is counted separately]

TYPE AND SIZE OF PRIME MOVER	NUMBER OF PRIME MOVERS						CAPACITY (mil. kilowatts)					
	1970	1975	1977	1978	1979	1980	1970	1975	1977	1978	1979	1980
PRIVATELY OWNED												
Total	2,037	2,074	2,078	2,084	2,087	2,094	262.8	398.9	438.3	453.5	464.0	477.0
Steam conventional.....	672	622	621	618	620	626	222.4	303.8	332.3	342.4	350.9	361.4
Under 100,000 kW.....	220	153	143	138	135	134	8.2	6.2	5.7	5.6	5.6	5.6
100,000-500,000 kW.....	299	252	239	236	237	239	77.1	65.6	62.9	63.1	63.3	64.0
Over 500,000 kW.....	153	217	239	244	248	253	137.1	232.0	263.8	273.7	281.9	291.8
Steam, nuclear.....	15	35	41	42	43	43	5.7	33.5	41.7	45.0	46.1	48.0
Over 500,000 kW.....	7	29	36	37	37	37	4.5	32.3	40.8	44.1	44.8	46.8
Hydro.....	754	727	730	731	733	732	18.9	23.1	23.1	23.8	23.9	24.2
Over 25,000 kW.....	165	169	171	172	173	173	15.6	19.9	20.0	20.7	20.7	21.0
Gas turbine.....	265	388	395	404	406	411	14.4	37.0	39.6	40.5	41.4	41.6
Over 25,000 kW.....	126	261	270	276	279	281	12.1	34.9	37.4	38.4	39.3	39.4
Internal combustion.....	331	302	291	289	285	282	1.3	1.5	1.6	1.8	1.8	1.8
Under 5,000 kW.....	238	198	183	178	172	166	.5	.4	.4	.4	.4	.4
Over 5,000 kW.....	93	104	108	111	113	116	.9	1.1	1.2	1.4	1.4	1.5
PUBLICLY OWNED												
Total	1,496	1,517	1,509	1,502	1,486	1,481	78.8	109.3	121.9	125.6	134.3	136.6
Steam, conventional.....	326	316	305	304	305	308	37.7	49.6	56.0	57.7	61.5	63.1
Under 100,000 kW.....	254	226	205	201	195	195	6.9	6.9	6.6	6.4	6.2	6.2
100,000-500,000 kW.....	58	66	71	73	75	75	12.3	14.8	16.2	16.6	17.6	17.4
Over 500,000 kW.....	14	24	29	30	35	38	18.5	27.8	33.3	34.6	37.6	39.6
Steam, nuclear.....	1	10	8	8	8	8	.8	6.2	8.2	8.5	8.5	8.5
Over 500,000 kW.....	1	4	6	7	7	7	.8	4.9	7.7	8.5	8.5	8.5
Hydro.....	434	419	415	415	412	410	36.3	42.8	45.6	47.2	51.4	52.1
Over 25,000 kW.....	164	180	184	185	186	188	35.1	41.7	44.5	46.0	50.3	51.0
Gas turbine.....	59	109	125	125	131	130	1.1	7.1	8.4	8.5	9.1	9.1
Over 25,000 kW.....	12	46	59	60	65	65	.4	6.1	7.3	7.4	8.1	8.0
Internal combustion.....	677	663	656	650	630	625	3.0	3.6	3.7	3.8	3.7	3.7
Under 5,000 kW.....	471	404	391	387	361	358	1.0	.8	.8	.8	.7	.7
Over 5,000 kW.....	206	259	265	263	269	267	2.0	2.8	2.9	3.0	3.0	3.0

Source: U.S. Energy Information Administration, unpublished data.

NO. 1015. FEDERAL ELECTRIC UTILITY PROJECTS—INSTALLED CAPACITY AND INVESTMENT ALLOCATED TO ELECTRIC PLANT: 1960 TO 1979

[As of June 30. Comprises only electricity-generating plant of these projects; excludes projects not primarily manufacturing electricity (e.g., West Point, Annapolis). Investments represent allocation to power projects for capital equipment and improvements. Reserves for depreciation not deducted]

PROJECT GROUP OR SYSTEM	INSTALLED CAPACITY (1,000 kW)					INVESTMENT ALLOCATED ¹ (mil. dol.)				
	1960	1970	1975	1978	1979	1960	1970	1975	1978	1979
Total	22,616	36,650	47,394	54,530	52,051	5,398	10,121	15,043	21,456	21,460
Percent capacity of all electric utilities.....	13.5	10.7	9.7	9.5	9.0	(X)	(X)	(X)	(X)	(X)
Central Valley:										
Bureau of Reclamation.....	630	1,322	1,331	1,141	(NA)	138	213	332	239	(NA)
Columbia Basin:										
Bonneville Power Admin. ²	-	-	-	-	-	480	1,118	1,626	1,969	2,061
Bureau of Reclamation.....	2,282	2,464	2,733	5,167	5,167	277	359	821	859	1,065
Corps of Engineers.....	3,781	6,522	8,177	10,774	11,448	650	1,603	2,315	3,383	3,531
Hoover and Parker-Davis:										
Bureau of Reclamation.....	1,595	1,690	1,690	1,705	(NA)	209	225	230	236	(NA)
Missouri Basin:										
Bureau of Reclamation.....	397	693	691	708	(NA)	304	508	552	609	(NA)
Corps of Engineers.....	745	2,048	2,048	2,055	2,095	357	714	721	733	733
Southeastern Power Admin.:										
Corps of Engineers.....	1,271	1,910	2,083	2,651	2,083	410	644	746	956	810
Southwestern Power Admin.:										
S'western Power Admin. ²	-	-	-	-	-	27	56	61	63	67
Corps of Engineers.....	601	1,533	1,847	1,926	1,991	203	498	611	615	590
Tennessee Valley Authority.....	11,032	17,256	25,450	27,032	28,593	2,054	3,703	6,671	10,926	12,254
Other projects.....	262	1,212	1,344	1,371	774	88	540	557	858	349

- Represents zero. NA Not available. X Not applicable. ¹ Includes estimates.

² Transmission.

Source: 1960-1975, U.S. Federal Power Commission; thereafter, U.S. Energy Information Administration, *Statistics of Publicly Owned Electric Utilities in the United States*, annual, and annual summaries.

NO. 1016. ELECTRIC UTILITIES—BALANCE SHEET AND INCOME ACCOUNT OF PRIVATELY OWNED COMPANIES: 1960 TO 1979

[In millions of dollars. As of Dec. 31. On the basis of both assets and revenues, these classes (A and B utilities) comprise nearly 100 percent of the privately-owned sector of the electric light and power industry. See also *Historical Statistics, Colonial Times to 1970*, series S 133-146 and V 197-212]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979
COMPOSITE BALANCE SHEET									
Assets and other debits	44,742	56,395	87,417	142,990	157,104	173,080	192,055	211,093	234,834
Electric utility plant ¹	45,456	59,703	93,303	146,007	160,711	177,566	196,815	218,001	242,312
Depreciation and amortization	8,889	13,631	20,253	28,870	31,891	35,567	39,814	44,482	49,699
Net electric utility plant	36,567	46,072	73,050	117,137	128,820	141,999	157,001	173,519	192,612
Other utility plant	4,852	6,613	8,974	11,281	11,673	12,097	12,819	13,182	13,968
Depreciation and amortization	963	1,418	2,095	2,865	3,107	3,368	3,662	3,932	4,217
Net other utility plant	3,889	5,195	6,879	8,416	8,566	8,729	9,157	9,250	9,751
Total utility plant	50,308	66,315	102,277	157,268	172,384	189,663	209,434	231,183	256,181
Depreciation and amortization	9,852	15,048	22,348	31,735	34,998	38,935	43,477	48,414	53,916
Net total utility plant	40,456	51,267	79,929	125,533	137,386	150,728	165,957	182,769	202,264
Other property and investments	1,004	1,247	1,742	4,014	4,498	4,822	5,607	6,375	6,999
Current and accrued assets	3,066	3,639	5,321	11,873	13,530	15,571	18,182	19,919	22,424
Deferred debits	216	242	425	1,550	1,691	1,959	2,309	3,030	4,145
Liabilities and other credits ²	44,742	56,395	87,417	142,990	157,104	173,080	192,055	211,093	234,834
Capital stock	13,322	15,668	20,782	33,984	37,773	41,613	45,599	49,148	53,782
Other paid-in capital	1,747	2,522	4,400	9,419	11,531	13,444	15,613	17,899	19,952
Retained earnings	3,736	5,712	9,363	13,299	14,668	16,233	17,829	19,376	21,025
Subsidiary earnings ³	(x)	(x)	(x)	485	802	667	795	943	1,003
Long-term debt	21,035	25,502	41,937	64,499	70,820	76,210	82,178	88,262	95,684
Current and accrued liabilities	3,112	4,222	7,309	15,240	13,655	14,054	16,035	18,317	23,398
Deferred credits and operating reserves	277	548	945	1,855	2,689	4,046	5,664	7,143	8,717
Deferred income taxes ⁴	1,325	1,829	2,198	4,209	5,368	6,813	8,342	10,004	11,890
COMPOSITE INCOME ACCOUNTS									
Electric operating revenues	10,116	13,400	19,791	37,225	44,598	50,552	56,865	65,427	72,851
Electric operating expenses	7,917	10,296	15,310	30,134	36,075	41,126	46,579	54,345	61,005
Net electric operating revenues	2,199	3,104	4,481	7,091	8,523	9,426	10,286	11,082	11,845
Other utility operating income	198	304	404	495	522	634	589	652	700
Total utility operating income	2,397	3,409	4,885	7,586	9,045	10,060	10,875	11,734	12,545
Other income	178	191	774	1,992	2,208	2,489	2,159	2,516	3,066
Total income	2,575	3,600	5,659	9,578	11,253	12,549	13,034	14,250	15,611
Income deductions	792	1,019	2,251	4,454	5,091	5,355	5,026	5,533	6,134
Net income ⁵	1,783	2,581	3,408	5,470	6,132	7,201	8,011	8,717	9,477

X Not applicable. ¹ Includes construction work in progress. ² Includes contributions in aid of construction through 1970.

³ Unappropriated undistributed. ⁴ Cumulative. ⁵ Beginning 1974, includes net extraordinary income.

Source: 1960-1975, U.S. Federal Power Commission; thereafter, U.S. Energy Information Administration, *Statistics of Privately Owned Electric Utilities in the United States*, annual.

NO. 1017. LARGEST PUBLIC UTILITY COMPANIES—ASSETS, REVENUES, INCOME, AND STOCKHOLDERS' EQUITY, BY RANK OF ASSETS: 1970 AND 1980

[In millions of dollars, except percent. Excludes telephone and telegraph companies. As of Dec. 31 or calendar year, as applicable]

ASSET GROUP	1970				1980			
	As- sets ¹	Operat- ing rev- enues ²	Net income	Stock- holders' equity ³	As- sets ¹	Operat- ing rev- enues ²	Net income	Stock- holders' equity ³
40 largest	73,787	21,349	2,640	26,244	205,855	90,359	7,655	66,132
Lowest ten	11,135	3,445	432	4,110	30,397	9,565	643	8,551
Second ten	13,944	4,489	505	4,911	37,327	16,907	1,568	12,329
Third ten	18,066	5,687	628	5,832	51,942	25,685	2,060	16,831
Highest ten	30,642	7,728	1,075	11,391	86,189	38,202	3,384	28,421
Percent of total:								
Lowest ten	15.1	18.1	16.4	15.7	14.8	10.6	8.4	12.9
Second ten	18.9	21.0	19.1	18.7	18.1	18.7	20.5	18.6
Third ten	24.5	26.6	23.8	22.2	25.2	28.4	26.9	25.5
Highest ten	41.5	36.2	40.7	43.4	41.9	42.3	44.2	43.0

¹ Total assets employed in business, net of depreciation; includes consolidated subsidiaries. ² Gross receipts from operations during year; includes nonutility revenues from manufacturing, transportation, etc. ³ Capital stock excluding redeemable preferred, surplus, and retained earnings (i.e., net worth).

Source: Time, Inc., New York, N.Y., adapted from *The Fortune Directory*, July issues. (Copyright.)

NO. 1018. ELECTRIC LIGHT AND POWER INDUSTRY—ENERGY GENERATED, SALES, REVENUE, AND CUSTOMERS: 1960 TO 1980

(Sales and revenue are to and from ultimate customers)

CLASS	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Energy generated ¹	Bil. kWh	753	1,055	1,532	1,867	1,918	2,037	2,124	2,206	2,247	2,286
Sales ²	Bil. kWh	683	953	1,391	1,701	1,733	1,850	1,951	2,018	2,079	2,095
Residential or domestic	Bil. kWh	196	281	448	555	586	613	652	679	694	721
Percent of total	Percent	28.7	29.5	32.2	32.6	33.8	33.2	33.4	33.6	33.4	34.4
Commercial ³	Bil. kWh	115	202	313	393	418	441	468	481	493	510
Industrial ⁴	Bil. kWh	345	433	573	689	662	725	757	782	816	791
Revenue ²	Bil. dol.	11.5	15.2	22.1	39.1	46.9	53.5	62.6	69.9	77.7	91.6
Residential or domestic	Bil. dol.	4.9	6.3	9.4	15.7	18.8	21.1	24.7	27.4	30.0	35.5
Percent of total	Percent	42.2	41.8	42.7	40.1	40.1	39.6	39.4	39.2	38.6	38.8
Commercial ³	Bil. dol.	2.8	4.3	6.3	11.2	13.5	15.2	18.0	19.7	21.7	26.0
Industrial ⁴	Bil. dol.	3.3	3.9	5.4	10.7	12.7	15.0	17.6	20.3	23.2	27.0
Ultimate customers, Dec. 31 ²	Million	58.9	65.6	72.5	80.1	81.8	83.6	85.6	87.7	89.5	91.7
Residential or domestic	Million	51.4	57.6	64.0	71.0	72.6	74.2	75.9	77.8	79.4	81.3
Commercial ³	Million	6.8	7.4	7.9	8.5	8.6	8.8	8.9	9.1	9.4	9.6
Industrial ⁴	Million	.5	.3	.4	.4	.4	.4	.4	.5	.5	.5
Avg. kWh used per customer	1,000	11.7	14.7	19.4	21.4	21.4	22.4	23.1	23.3	23.5	23.1
Residential	1,000	3.9	4.9	7.1	7.9	8.2	8.4	8.7	8.8	8.8	9.0
Commercial ³	1,000	17.0	27.4	40.0	46.6	49.0	50.7	52.9	53.1	53.1	53.6
Avg. annual bill per customer	Dollar	198	234	308	493	578	646	740	807	876	1,012
Residential	Dollar	95	111	148	224	262	288	329	357	382	442
Commercial ³	Dollar	418	584	803	1,327	1,582	1,755	2,031	2,176	2,339	2,733
Avg. revenue per kWh sold	Cents	1.69	1.59	1.59	2.30	2.70	2.89	3.21	3.46	3.74	4.37
Residential	Cents	2.47	2.25	2.10	2.83	3.21	3.45	3.76	4.03	4.33	4.93
Commercial ³	Cents	2.46	2.13	2.01	2.85	3.23	3.46	3.84	4.10	4.40	5.09
Industrial ⁴	Cents	.87	.90	.95	1.55	1.92	2.07	2.33	2.59	2.85	3.41

¹ Source: 1960-1975, U.S. Federal Power Commission; thereafter, U.S. Energy Information Administration, unpublished data.

² Includes other types not shown separately. ³ Small light and power. ⁴ Large light and power.

Source: Except as noted, Edison Electric Institute, Washington, D.C., *Statistical Year Book*.

NO. 1019. ELECTRIC ENERGY SALES, BY CLASS OF SERVICE, AND BY STATES: 1979

(In billions of kilowatthours)

DIVISION AND STATE	Total ¹	Residential	Commercial	Industrial	DIVISION AND STATE	Total ¹	Residential	Commercial	Industrial
Total	2,071.1	682.8	473.3	841.9	S.A.—Con.				
N.E.	76.1	26.8	23.0	23.6	W. Va.	20.7	6.2	3.4	11.0
Maine	8.1	3.0	1.5	3.3	N.C.	61.5	22.6	12.2	25.2
N.H.	6.0	2.5	1.0	2.4	S.C.	35.7	11.4	7.4	16.0
Vt.	3.8	1.7	.7	1.2	Ga.	48.8	18.4	10.8	19.1
Mass.	32.9	11.4	12.0	8.4	Fla.	86.6	42.2	23.7	18.0
R.I.	5.1	1.8	1.7	1.4	E.S.C.	195.9	61.2	29.6	101.2
Conn.	20.2	6.4	6.1	6.9	Ky.	50.4	12.0	6.1	30.5
M.A.	254.1	77.4	67.3	97.4	Tenn.	73.1	25.1	12.9	34.1
N.Y.	104.9	30.2	32.3	32.9	Ala.	50.2	15.0	6.4	28.4
N.J.	48.6	15.8	15.7	16.6	Miss.	22.2	9.1	4.2	8.2
Pa.	100.6	31.4	19.3	47.9	W.S.C.	271.6	85.4	55.7	119.6
E.N.C.	391.6	114.8	78.4	185.1	Ark.	24.7	8.9	4.2	10.9
Ohio	121.5	31.9	18.7	67.2	La.	50.4	15.5	8.6	22.5
Ind.	61.6	18.3	9.5	33.2	Okl.	28.8	10.6	6.5	9.8
Ill.	97.8	29.3	28.1	36.0	Tex.	167.7	50.4	36.4	76.4
Mich.	73.9	22.0	15.1	35.2	Mt.	108.3	36.2	27.9	40.5
Wis.	36.8	13.3	9.0	13.5	Mont.	11.1	3.0	1.9	6.1
W.N.C.	142.4	54.4	32.6	51.5	Idaho	14.0	5.0	4.2	4.6
Minn.	33.3	11.5	4.8	16.2	Wyo.	6.7	1.3	.9	4.3
Iowa	24.4	9.7	5.3	8.9	Colo.	21.1	8.2	6.8	6.0
Mo.	40.5	16.4	11.3	11.6	N. Mex.	8.6	2.4	2.7	2.9
N. Dak.	5.2	2.5	.9	1.6	Ariz.	26.1	9.3	7.2	6.1
S. Dak.	5.1	2.7	.9	1.3	Utah	10.4	3.2	2.4	4.1
Nebr.	13.4	5.3	3.5	4.1	Nev.	10.3	3.8	2.0	4.4
Kans.	20.5	6.3	5.9	7.8	Pac.	285.2	93.0	77.6	103.0
S.A.	346.1	133.5	81.0	119.9	Wash.	68.6	24.0	10.4	31.6
Del.	5.9	1.8	1.4	2.6	Oreg.	38.3	13.7	10.0	14.0
Md. ²	40.1	12.2	11.0	16.3	Calif.	169.6	52.4	55.0	54.1
Va.	46.8	18.7	11.1	11.7	Alaska	2.5	1.1	.9	.4
					Hawaii	6.2	1.8	1.3	2.9

¹ Includes other service, not shown separately. ² Includes District of Columbia.

Source: U.S. Energy Information Administration, unpublished data.

No. 1020. PRIVATELY OWNED GAS UTILITY INDUSTRY—BALANCE SHEET AND INCOME ACCOUNT: 1960 TO 1980

[In millions of dollars. Excludes Alaska for 1960. The gas utility industry consists of pipeline and distribution companies. Excludes operations of companies distributing gas in bottles or tanks. See also *Historical Statistics, Colonial Times to 1970*, series S 205-210]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980
COMPOSITE BALANCE SHEET									
Assets, total ¹	20,000	25,640	34,929	50,286	55,261	59,697	62,918	70,245	75,725
Total utility plant.....	20,835	28,205	38,541	49,384	52,066	55,020	59,033	62,710	66,767
Depreciation and amortization.....	4,570	7,205	10,696	16,779	18,693	20,586	22,861	24,400	26,062
Utility plant (net).....	16,265	21,000	27,845	32,605	33,373	34,434	36,172	38,310	40,705
Investment and fund accounts ¹	1,380	1,885	3,024	9,198	10,876	12,513	12,805	14,097	15,625
Current and accrued assets.....	2,185	2,545	3,674	7,543	9,707	11,194	12,129	15,427	17,221
Deferred debits ²	170	210	386	940	1,305	1,556	1,815	2,411	2,184
Liabilities, total ¹	20,000	25,640	34,929	50,286	55,261	59,697	62,918	70,245	75,725
Capitalization, total ¹	16,940	21,520	28,646	39,044	42,379	44,316	45,830	48,165	51,299
Capital stock ¹	7,810	10,005	12,965	19,500	21,593	23,840	25,585	27,135	29,262
Long-term debts.....	9,130	11,515	15,681	19,544	20,786	20,476	20,245	21,030	22,037
Current and accrued liabilities.....	2,420	3,035	4,832	8,158	9,063	10,636	11,704	16,024	18,107
Deferred income taxes ³	350	660	788	2,052	2,525	2,794	2,991	3,798	4,135
Other liabilities and credits.....	290	425	663	1,032	1,294	1,951	2,393	2,257	2,184
COMPOSITE INCOME ACCOUNT									
Operating revenues, total.....	8,696	11,525	16,380	30,550	37,618	46,309	52,995	66,931	85,807
Operating expenses ⁴	7,587	10,063	14,906	27,480	34,217	42,685	49,272	62,887	81,517
Operation and maintenance.....	5,951	7,973	11,636	22,957	28,949	36,958	43,108	56,281	74,433
Federal, State, and local taxes.....	1,058	1,292	1,569	2,763	3,363	3,719	3,980	4,294	4,653
Operating income.....	1,109	1,462	2,074	3,070	3,402	3,624	3,723	4,043	4,290
Utility operating income.....	1,137	1,503	2,159	3,221	3,543	3,776	3,944	4,296	4,633
Income before interest charges ¹	1,247	1,660	2,457	4,137	4,646	4,996	5,385	6,303	7,112
Net income ¹	830	1,107	1,427	2,502	2,877	3,193	3,443	4,208	4,777
Dividends.....	581	781	1,006	1,509	1,783	1,959	2,117	2,362	2,566

¹ Beginning 1975, not comparable with earlier years due to Federal Power Commission ruling requiring adoption of the equity method in reporting earnings of subsidiaries. ² Includes capital stock discount and expense and reacquired securities.

³ Includes reserves for deferred income taxes. ⁴ Includes expenses not shown separately.

No. 1021. GAS UTILITY INDUSTRY—SUMMARY: 1950 TO 1980

[Excludes Hawaii through 1955 and Alaska through 1960. Covers natural, manufactured, mixed, and liquid petroleum gas. Based on questionnaire mailed to all privately and municipally owned gas utilities in U.S., except those with annual revenues less than \$25,000. See also *Historical Statistics, Colonial Times to 1970*, series S 190-204]

ITEM	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979	1980
Customers ¹ (1,000)	24,001	28,479	33,054	37,338	41,482	44,555	44,942	45,274	45,789	46,478	47,038
Residential.....	22,146	26,283	30,418	34,341	38,087	40,950	41,338	41,682	42,183	42,821	43,311
Commercial.....	1,739	2,048	2,458	2,790	3,131	3,367	3,371	3,371	3,370	3,423	3,491
Industrial and other.....	116	149	178	207	254	237	233	220	236	234	236
Sales ² (trillion Btu ³)	4,209	6,659	9,288	11,980	16,044	14,863	14,814	14,341	14,748	15,440	15,409
Residential.....	1,384	2,239	3,188	3,999	4,923	4,991	5,014	4,946	5,107	5,083	4,823
Percent of total.....	32.9	33.6	34.3	33.4	30.7	33.6	33.9	34.5	34.6	32.9	31.3
Commercial.....	410	603	920	1,345	2,007	2,387	2,423	2,409	2,500	2,486	2,442
Industrial.....	2,289	3,535	4,710	6,146	8,439	6,837	7,107	6,711	6,841	7,555	7,862
Other.....	126	282	470	490	674	648	270	275	301	316	283
Revenues ² (mil. dol.)	1,948	3,450	5,617	7,407	10,283	19,101	23,701	28,303	32,150	38,947	48,276
Residential.....	1,177	2,007	3,177	4,030	5,207	8,445	9,941	11,541	12,939	14,933	17,409
Percent of total.....	60.4	58.2	56.6	54.4	50.6	44.2	41.9	40.8	40.2	38.1	36.1
Commercial.....	266	424	723	1,054	1,620	3,302	4,075	4,980	5,696	6,624	8,149
Industrial.....	480	938	1,553	2,148	3,181	6,745	9,374	11,385	13,065	16,961	22,081
Other.....	26	81	153	176	274	608	311	397	450	530	637
Prices (dol. per mil. Btu ³)	.46	.52	.60	.62	.64	1.29	1.60	1.97	2.18	2.52	3.13
Residential.....	.85	.90	1.00	1.01	1.06	1.69	1.98	2.33	2.53	2.92	3.61
Commercial.....	.65	.70	.79	.78	.81	1.38	1.68	2.07	2.28	2.66	3.34
Industrial.....	.21	.27	.33	.35	.38	.99	1.32	1.70	1.91	2.24	2.81
Gas mains mileage (1,000)	387	497	631	768	913	980	987	998	1,013	1,030	1,050
Field and gathering.....	33	46	56	62	66	68	70	71	75	78	83
Transmission.....	113	146	184	211	252	263	258	260	261	263	267
Distribution.....	242	305	391	495	595	649	659	667	678	688	700
Construction expenditure ⁴ (mil. dol.)	1,198	1,345	1,845	1,935	2,506	2,466	2,425	2,833	3,581	4,366	5,350
Transmission.....	716	593	848	770	1,019	590	530	670	935	1,226	1,583
Distribution.....	299	500	696	824	913	910	926	1,048	1,228	1,448	1,869
Production and storage.....	144	198	216	225	370	831	828	943	1,406	1,406	1,150

¹ Annual average. ² Excludes sales for resale. ³ For definition, see text, p. 575. ⁴ Includes general.

Source of tables 1020 and 1021: American Gas Association, Arlington, Va., *Gas Facts*, annual. (Copyright.)

NO. 1022. GAS UTILITY INDUSTRY—CUSTOMERS, SALES, AND REVENUES, BY CLASS OF SERVICE, AND STATES: 1980

[See headnote, table 1021]

REGION AND STATE	CUSTOMERS ¹ (1,000)				SALES ³ (trillion Btu ⁴)				REVENUES ² (mil. dol.)			
	Total ²	Residential	Commercial	Industrial	Total ²	Residential	Commercial	Industrial	Total ²	Residential	Commercial	Industrial
U.S.	47,038	43,311	3,491	187	15,409	4,823	2,442	7,862	46,276	17,409	6,149	22,081
N. Eng.	1,733	1,597	123	9	298	144	81	70	1,479	788	391	287
Maine.....	15	13	2	(2)	2	1	1	1	11	4	4	3
N.H.....	49	43	6	(2)	10	4	3	2	40	20	14	7
Vt.....	15	14	1	(2)	4	1	1	2	23	9	5	8
Mass.....	1,079	1,000	71	5	183	91	52	37	905	494	250	149
R.I.....	168	156	11	2	26	14	4	8	131	74	23	35
Conn.....	406	371	33	2	74	33	20	21	367	187	95	85
Mid. Atl.	7,997	7,418	544	25	1,647	777	289	548	6,573	3,452	1,152	1,843
N.Y.....	3,813	3,565	228	12	601	333	109	136	2,664	1,621	450	505
N.J.....	1,849	1,670	173	6	318	150	70	98	1,397	733	311	351
Pa.....	2,335	2,163	143	7	728	293	110	315	2,512	1,098	390	987
E. No. Cent.	10,778	9,948	778	48	3,658	1,578	715	1,353	11,584	5,323	2,273	3,951
Ohio.....	2,747	2,546	192	6	888	403	163	312	2,875	1,392	528	927
Ind.....	1,245	1,139	101	5	477	164	68	243	1,344	511	198	630
Ill.....	3,301	3,042	239	19	1,100	494	231	374	3,586	1,710	736	1,138
Mich.....	2,443	2,270	164	10	850	392	191	266	2,603	1,237	600	765
Wis.....	1,043	951	83	6	344	125	61	158	1,177	473	210	491
W. No. Cent.	4,128	3,729	383	15	1,413	489	300	608	3,777	1,508	818	1,425
Minn.....	809	736	68	5	267	102	55	103	751	331	161	247
Iowa.....	745	665	79	2	256	85	51	119	718	271	146	298
Mo.....	1,218	1,125	92	1	327	150	92	83	992	505	275	208
N. Dak.....	86	76	10	(2)	22	10	11	1	77	37	35	5
S. Dak.....	102	91	11	1	24	11	7	6	67	33	20	14
Nebr.....	442	384	57	2	153	50	35	68	356	134	82	140
Kans.....	724	653	67	5	365	83	49	228	815	196	99	512
So. Atl.	4,032	3,695	316	13	1,278	346	229	668	4,166	1,431	792	1,855
Del.....	82	77	5	(2)	23	7	4	11	78	30	14	33
Md.....	774	720	49	5	155	70	29	56	598	306	114	178
D.C.....	149	133	16	—	28	14	14	—	127	63	58	—
Va.....	523	478	43	2	135	48	33	53	482	202	122	153
W. Va.....	394	361	32	(2)	129	47	24	57	421	171	78	172
N.C.....	367	323	41	2	143	31	23	89	495	125	82	284
S.C.....	282	253	25	1	133	19	15	74	403	78	49	214
Ga.....	1,030	951	75	2	300	92	55	150	953	375	168	402
Fla.....	433	400	31	1	233	18	33	179	615	81	107	418
E. So. Cent.	2,213	1,996	200	7	807	204	111	472	2,306	688	340	1,229
Ky.....	627	570	54	1	176	74	33	63	509	228	97	167
Tenn.....	510	444	59	2	216	45	38	132	580	133	108	333
Ala.....	679	625	50	2	224	54	27	141	699	223	89	385
Miss.....	397	357	37	1	192	31	15	136	518	104	46	344
W. So. Cent.	5,508	5,020	455	26	3,535	424	242	2,724	8,941	1,269	650	6,788
Ark.....	481	425	53	2	206	41	26	138	397	94	54	246
La.....	1,002	932	67	2	515	72	28	402	1,215	220	74	895
Okla.....	824	746	74	4	473	77	44	350	966	182	97	685
Tex.....	3,201	2,917	261	18	2,340	234	144	1,834	6,362	773	425	4,961
Mid. West	2,638	2,395	232	9	828	248	155	409	2,355	800	468	1,040
Mont.....	183	163	20	1	54	21	14	17	164	59	42	53
Idaho.....	109	94	15	(2)	45	7	9	29	183	37	37	108
Wyo.....	76	68	9	(2)	48	9	6	31	108	24	14	67
Colo.....	840	750	88	2	239	90	65	83	705	289	197	216
N. Mex.....	328	292	30	3	125	29	16	70	334	93	44	170
Ariz.....	575	529	43	2	136	31	21	82	382	116	60	201
Utah.....	361	338	22	1	122	47	14	60	285	126	32	126
Nev.....	168	162	7	(2)	62	14	11	37	197	56	42	98
Pac.	8,011	7,513	460	37	1,946	613	320	1,010	7,094	2,152	1,266	3,664
Wash.....	374	328	44	1	134	31	32	70	579	154	143	281
Oreg.....	275	241	34	1	76	19	16	41	355	103	78	174
Calif.....	7,286	6,878	375	33	1,700	554	268	876	6,076	1,870	1,029	3,167
Alaska.....	42	37	5	1	32	8	3	21	39	14	5	20
Hawaii.....	33	29	2	2	4	1	1	2	45	11	12	23

— Represents zero. -Z Fewer than 500. ¹ Averages for the year. ² Includes other service, not shown separately.³ Excludes sales for resale. ⁴ For definition, see headnote, table 991.Source: American Gas Association, Arlington, Va., *Gas Facts*, annual. (Copyright.)

NO. 1023. GAS UTILITY INDUSTRY—PRICES, BY STATE: 1970 TO 1980

(In dollars per million Btu. For definition of Btu, see headnote, table 991. Excludes sales for resale)

DIVISION AND STATE	1970	1975	1980				DIVISION AND STATE	1970	1975	1980			
			Total	Residential	Commercial	Industrial				Total	Residential	Commercial	Industrial
U.S.	.64	1.29	3.13	3.61	3.34	2.81	So. Atl.—Conn.						
N. Eng.	1.80	2.87	4.96	5.48	4.83	4.09	W. Va.	.64	1.24	3.26	3.61	3.20	3.01
Maine	2.23	3.04	5.15	6.34	5.12	4.29	N.C.	.70	1.58	3.46	4.00	3.64	3.22
N.H.	1.54	2.21	4.23	4.53	4.28	3.48	S.C.	.62	1.10	3.03	4.12	3.17	2.88
Vt.	2.22	2.06	5.66	6.43	6.00	4.93	Ga.	.57	1.12	3.18	4.06	3.06	2.67
Mass.	1.64	2.91	4.96	5.41	4.85	4.08	Fla.	.55	1.15	2.64	4.53	3.26	2.34
R.I.	1.36	2.82	4.99	5.46	5.13	4.15	E. So. Cent.	.51	1.03	2.86	3.37	3.07	2.60
Conn.	1.60	2.93	4.99	5.73	4.72	4.09	Ky.	.67	1.11	2.99	3.08	2.97	2.67
Mid. Atl.	1.06	1.97	3.99	4.44	3.99	3.36	Tenn.	.53	1.00	2.69	2.94	2.99	2.53
N.Y.	1.21	2.14	4.43	4.66	4.14	3.70	Ala.	.52	1.04	3.13	4.11	3.30	2.72
N.J.	1.26	2.31	4.40	4.89	4.47	3.60	Miss.	.38	.95	2.70	3.38	3.04	2.52
Pa.	.87	1.68	3.45	3.74	3.54	3.14	W. So. Cent.	.35	.99	2.53	2.99	2.69	2.49
E. No. Cent.	.74	1.34	3.17	3.37	3.18	2.92	Ark.	.37	.80	1.93	2.31	2.06	1.79
Ohio	.73	1.35	3.24	3.45	3.23	2.97	La.	.30	.85	2.36	3.06	2.69	2.23
Ind.	.71	1.16	2.82	3.12	2.92	2.59	Okl.	.46	.79	2.04	2.35	2.19	1.96
Ill.	.73	1.35	3.26	3.46	3.19	3.04	Tex.	.35	1.10	2.72	3.30	2.95	2.70
Mich.	.78	1.43	3.06	3.15	3.14	2.87	Mt.	.49	.99	2.84	3.23	3.02	2.54
Wis.	.80	1.31	3.42	3.80	3.43	3.12	Mont.	.54	1.03	3.03	2.88	2.99	3.17
W. No. Cent.	.56	1.00	2.67	3.08	2.72	2.34	Idaho	.67	1.48	4.03	4.94	4.33	3.70
Minn.	.87	1.19	2.81	3.24	2.92	2.40	Waho.	.34	.70	2.31	2.69	2.45	2.16
Iowa	.62	1.04	2.81	3.20	2.85	2.51	Colo.	.46	.90	2.95	3.22	3.03	2.60
Mo.	.54	1.18	3.04	3.37	2.98	2.51	N. Mex.	.42	.88	2.68	3.21	2.89	2.44
N. Dak.	.82	1.26	3.57	3.83	3.34	3.59	Ariz.	.37	1.19	2.81	3.72	2.80	2.45
S. Dak.	.71	1.05	2.81	3.11	2.76	2.34	Utah	.46	.85	2.34	2.69	2.25	2.09
Nebr.	.51	.90	2.34	2.71	2.32	2.07	Nev.	.58	1.30	3.17	3.97	3.95	3.65
Kans.	.39	.69	2.23	2.38	2.03	2.24	Pac.	.58	1.31	3.65	3.51	3.95	3.63
So. Atl.	.72	1.39	3.26	4.13	3.45	2.78	Wash.	.65	1.55	4.33	4.91	4.48	4.00
Del.	.93	1.73	3.46	4.15	3.77	3.04	Oreg.	.74	1.80	4.64	5.36	4.91	4.20
Md.	1.13	1.97	3.87	4.40	3.95	3.17	Calif.	.56	1.26	3.57	3.38	3.83	3.62
D.C.	1.28	2.21	4.38	4.56	4.21	—	Alaska	.70	.81	1.20	1.73	1.48	.96
Va.	.95	1.78	3.58	4.24	3.71	2.91	Hawaii.	2.76	6.78	13.01	14.58	12.79	12.50

— Represents zero.

Source: American Gas Association, Arlington, Va., *Gas Facts*, annual (copyright).

NO. 1024. WATER POWER—DEVELOPED AND UNDEVELOPED, BY DIVISION: 1950 TO 1979

(In millions of kilowatts. As of Dec. 31. Excludes Alaska and Hawaii for 1950 and all capacity of reversible equipment at pumped storage projects (12.9 million kW in 1979). Also excludes capacity precluded from development due to wild and scenic river legislation. See also *Historical Statistics, Colonial Times to 1970*, series S 160-175)

DIVISION	DEVELOPED INSTALLED CAPACITY							ESTIMATED UNDEVELOPED CAPACITY						
	1950	1960	1965	1970	1975	1978	1979	1950	1960	1965	1970	1975	1978	1979
U.S.	18.7	33.2	44.5	52.0	57.0	61.0	63.3	87.6	114.2	124.1	128.0	113.7	109.9	110.5
New England	1.2	1.5	1.5	1.5	1.5	1.5	1.5	3.3	2.9	3.2	3.3	3.3	2.8	3.0
Middle Atlantic	1.7	2.5	4.8	4.3	4.2	4.2	4.2	6.5	7.6	5.0	4.5	4.3	4.6	4.4
E. No. Central	.9	.9	.9	.9	.9	1.0	1.0	2.3	3.0	1.4	1.5	1.4	1.4	1.3
W. No. Central	.6	1.6	3.0	2.7	2.8	2.8	2.8	5.8	6.4	4.1	4.4	2.1	2.5	2.3
South Atlantic	2.8	3.8	5.2	5.3	5.8	5.8	5.9	8.2	8.4	10.0	9.6	8.4	8.5	8.1
E. So. Central	2.7	3.8	4.5	5.2	5.5	5.3	5.4	4.7	4.6	4.3	3.8	3.1	3.5	3.8
W. So. Central	.5	.9	1.7	1.9	2.3	2.3	2.3	3.6	3.9	3.1	3.3	2.7	2.8	3.1
Mountain	2.3	4.6	5.6	6.2	6.9	7.3	7.3	23.4	23.6	26.5	26.7	19.6	17.8	20.8
Pacific	6.0	13.6	17.4	23.9	27.2	30.8	33.0	29.8	53.8	66.5	70.9	68.8	66.0	63.9

Source: 1950-1975, U.S. Federal Power Commission, *Hydroelectric Power Resources of the United States, Developed and Undeveloped*, Jan. 1, 1976; thereafter, U.S. Federal Energy Regulatory Commission, unpublished data.

NO. 1025. SOLAR COLLECTOR SHIPMENTS, BY TYPE, 1975 TO 1980, AND USE, 1979 AND 1980

(In thousands of sq. feet, except number of manufacturers. Solar collector-device for intercepting sunlight, converting the sunlight to heat, and carrying the heat to where it will be either used or stored)

ITEM	1975	1976	1977	1978	1979	1980	END USE	1979	1980
Number of manufacturers.....	131	186	321	351	349	364	Total shipments.....	14,251	19,455
Producer shipments, total.....	3,743	5,801	10,312	10,860	14,251	19,455	Pool heating.....	8,551	11,893
Low temperature collector.....	3,026	3,876	4,743	5,873	8,394	11,928	Domestic hot water.....	2,958	4,902
Medium temperature, special, and other collectors.....	717	1,925	5,569	4,988	5,856	7,527	Space heating.....	1,722	1,768
							Space cooling.....	232	160
							Industrial processing.....	233	364
							Other.....	556	350

Source: U.S. Energy Information Administration, *Energy Data Report, Solar Collector Manufacturing Activity, July through December 1980*.

No. 1026. NUCLEAR POWER PLANTS—NUMBER, CAPACITY, AND GENERATION, 1965 TO 1980

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, prel.
Operating reactors ¹	10	19	37	48	51	59	68	71	71	75
Capacity ¹ (mil. kWh).....	.9	6.5	21.0	31.6	39.8	42.9	49.9	53.5	54.6	56.5
Percent of total electric utility capacity.....	.4	1.9	4.8	6.6	7.8	8.1	9.0	9.2	9.1	9.2
Electricity generated (bil. kWh).....	3.7	21.8	83.3	114	173	191	251	276	255	251
Percent of total electric utility generation.....	.4	1.4	4.5	6.1	9.0	9.4	11.8	12.5	11.4	11.0

¹ As of year end. Includes plants shut down permanently or for extended periods.Source: U.S. Energy Information Administration; *Annual Report to Congress*, vols. II and III.

No. 1027. COMMERCIAL NUCLEAR POWER GENERATION, BY COUNTRY: 1970 TO 1980

(Generation for calendar years; other data as of December. Excludes Communist countries)

COUNTRY	REACTORS			ELECTRICITY GENERATED ¹ (bil. kWh)					GROSS CAPACITY (1,000 kW)				
	1970	1975	1980	1970	1975	1978	1979	1980	1970	1975	1978	1979	1980
Total	64	140	208	73.9	329.0	550.4	577.4	617.8	15,186	69,196	105,675	115,894	128,847
U.S.	15	55	74	23.2	181.8	292.7	279.7	265.2	5,211	39,399	54,133	54,181	56,529
Argentina	-	1	1	-	2.5	2.9	2.7	2.3	-	340	367	358	357
Belgium	1	3	3	.3	6.8	12.5	11.3	12.5	11	1,744	1,744	1,744	1,744
Canada	1	5	9	.9	13.2	32.9	38.4	40.4	220	2,380	4,788	5,588	5,588
China: Taiwan	-	-	2	-	-	2.7	6.3	8.2	-	-	1,272	1,272	1,272
Germany, F.R. of	4	7	11	5.3	21.7	32.5	40.3	43.7	907	3,452	6,413	8,346	8,986
Great Britain	27	29	33	26.5	30.5	36.6	38.5	37.2	4,783	6,135	8,761	9,012	9,012
Finland	-	-	4	-	-	3.2	6.6	7.0	-	-	465	1,148	2,296
France	4	10	22	5.7	18.3	30.5	39.9	61.2	1,606	3,066	6,842	8,756	15,412
India	2	3	4	2.2	2.5	2.3	2.9	2.9	400	620	620	620	860
Italy	3	3	4	3.3	3.8	4.4	2.6	2.2	631	639	1,490	1,490	1,490
Japan	3	10	22	3.3	16.7	50.9	62.0	81.0	828	5,278	11,502	15,121	15,117
Korea, Rep. of	-	-	1	-	-	2.3	3.1	3.5	-	-	587	587	587
Netherlands	1	2	2	.4	3.3	4.1	3.5	4.2	55	523	523	523	529
Pakistan	-	1	1	-	.5	.2	.1	.1	-	137	137	137	137
Spain	1	3	3	.9	7.5	7.6	6.7	5.2	160	1,117	1,117	1,117	1,117
Sweden	1	5	8	(2)	12.0	23.8	21.0	26.7	12	3,312	3,850	3,850	5,770
Switzerland	1	3	4	1.9	7.7	8.3	11.8	14.3	364	1,054	1,064	2,034	2,034

- Represents zero. Z Less than 50 million kWh. ¹ Gross.Source: McGraw-Hill, Inc., New York, N.Y., *Nucleonics Week*, December issues. (Copyright.)

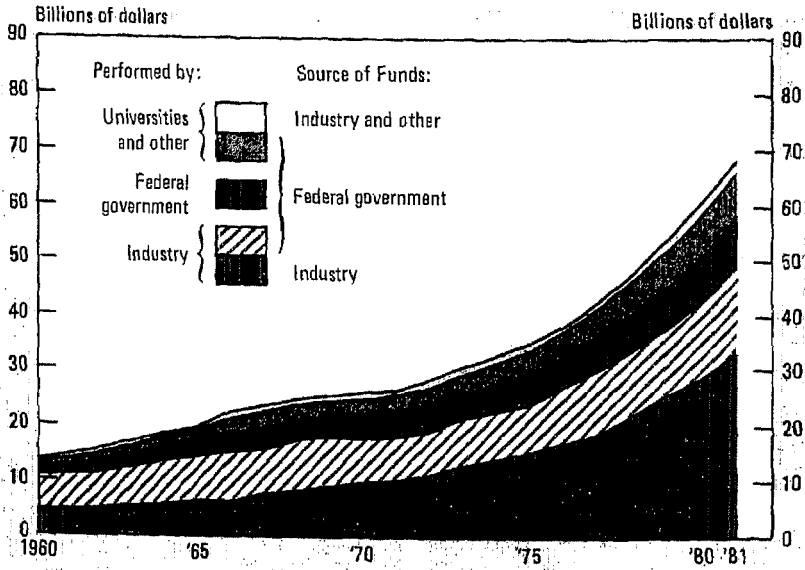
No. 1028. URANIUM SUPPLY, ENRICHMENT, AND DISCHARGED COMMERCIAL REACTOR FUEL: 1965 TO 1980

(Years ending Dec. 31. Metric ton=1.102 short tons or .984 long ton)

ITEM	Unit	1965	1970	1974	1975	1976	1977	1978	1979	1980
URANIUM (U₃O₈)										
Production.....	Sh. tons	10,442	12,900	11,528	11,600	12,747	14,940	18,490	18,730	21,850
Exports.....	Sh. tons	-	2,100	1,500	500	600	2,000	3,400	2,600	2,000
Imports.....	Sh. tons	4,000	-	-	700	1,800	2,800	2,800	1,500	1,800
Delivered price.....	Dol./lb	(NA)	(NA)	7.90	10.50	16.10	19.75	21.60	23.85	26.00
ENRICHMENT										
Enriched product.....	Metric tons	146	1,548	1,970	2,707	2,685	3,117	3,023	3,507	2,539
For domestic customers.....	Metric tons	47	1,176	1,124	1,190	1,090	1,881	1,506	2,270	1,666
For foreign customers.....	Metric tons	99	372	846	1,517	1,595	1,236	1,517	1,237	873
Cost of services.....	Mill. dol.	(NA)	83.8	719.7	562.6	668.9	659.1	877.2	1,234	997
DISCHARGED COMMERCIAL REACTOR FUEL ¹										
Annual discharge.....	Metric tons	(NA)	67	454	547	730	911	1,131	1,226	1,279
Inventory, yearend.....	Metric tons	(NA)	² 161	1,037	1,584	2,314	3,225	4,333	5,559	6,838

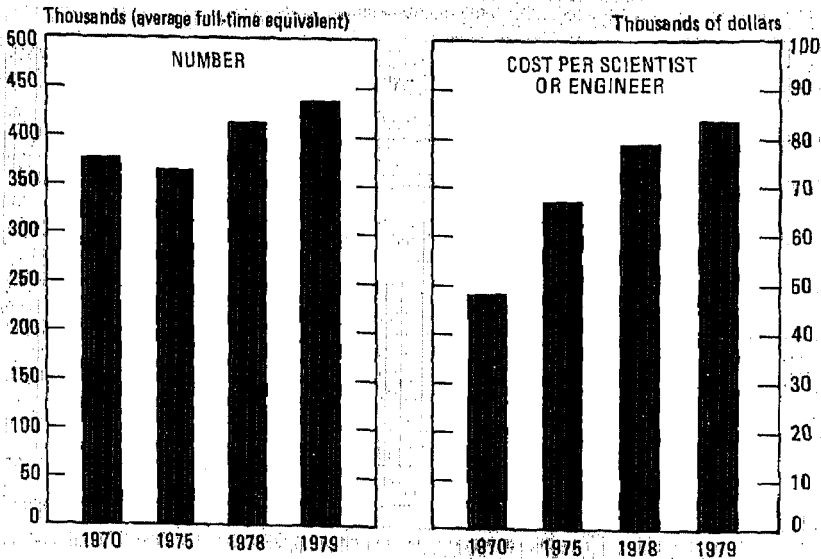
- Represents zero. NA Not available. ¹ Uranium content. Source: Nuclear Assurance Corporation, Atlanta, Ga.² Allows for reprocessing.Source: Except as noted, Energy Information Administration, *Annual Report to Congress*, vol. II; U.S. Dept. of Energy, *Statistical Data of the Uranium Industry, 1981*; and unpublished data.

Figure 21.1
Research and Development, Funds Used: 1960 to 1981



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1031.

Figure 21.2
Research and Development Scientists and Engineers in Private Industry: 1970 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1044.

1981

Section 21 Science

This section presents statistics on scientific and technological resources, with emphasis on patterns of research and development (R&D) funding and on scientific and technical personnel and education. Also included are statistics on space program outlays and accomplishments. Principal sources of these data are the National Science Foundation (NSF) and the National Aeronautics and Space Administration (NASA).

NSF gathers data chiefly through recurring surveys. Some current NSF publications containing data on funds for research and development and on scientific and engineering personnel include *Science Resources Studies Highlights* and the occasional bulletin series, *Reviews of Data on Science Resources*; and annual, biennial, and special reports such as *Federal Funds for Research and Development; Research and Development in Industry; National Patterns of Science and Technology Resources; Academic Science: R&D Funds, Scientists and Engineers, Graduate Enrollment and Support; Scientists and Engineers From Abroad; Federal Scientific and Technical Personnel; Federal Support to Universities, Colleges, and Selected Nonprofit Institutions; Characteristics of Doctoral Scientists and Engineers in the United States; U.S. Scientists and Engineers; Employment Attitudes of Recent Science and Engineering Graduates; Science and Engineering Employment; Characteristics of Experienced Scientists and Engineers; Scientists, Engineers, and Technicians in Private Industry; Science and Engineering Personnel: A National Overview*; and policy reports relating to national allocation of human resources and funds to science and technology. Statistical surveys in these areas pose particularly difficult problems of concept and definition and the data should, therefore, be regarded as broad estimates rather than precise quantitative statements. Detailed discussions of the scope and limitations of the data appear in the source publications.

The National Science Board's biennial *Science Indicators* publication contains data and analyses of international and domestic science and technology, including measures of their outputs and impacts. *The Budget of the United States Government*, published by the U.S. Office of Management and Budget, contains summary financial data on Federal R&D programs. In addition, *Current Industrial Reports, MQ37D*, published by U.S. Bureau of the Census, presents data on sales and orders of space vehicle systems.

Research and development outlays.—NSF defines research as a "systematic and intensive study directed toward a fuller knowledge of the subject studied" and development as "the systematic use of scientific knowledge directed toward the production of useful materials, devices, systems, methods, or processes." National data on outlays of funds are composed of four sectors: (1) *Government*, made up primarily of Federal executive agencies; (2) *Industry*, consisting of manufacturing and nonmanufacturing firms and the federally funded research and development centers (FFRDC's) they administer; (3) *universities and colleges*, composed of universities, colleges, and their affiliated institutions, agricultural experiment stations, and associated schools of agriculture, and FFRDC's administered by educational institutions; and (4) *other nonprofit institutions*, consisting of such organizations as private philanthropic foundations, nonprofit research institutes, voluntary health agencies, and FFRDC's administered by nonprofit organizations. The R&D funds reported consist of current operating costs, including those for planning and administration, except as otherwise noted. They exclude funds for routine testing, mapping and surveying, collection of general-purpose data, dissemination of scientific information, and training of scientific personnel.

Scientists, engineers, and technicians.—Scientists and engineers are defined as persons engaged in scientific and engineering work at a level requiring a knowledge of sciences equivalent at least to that acquired through completion of a 4-year college course. Technicians are defined as persons engaged in technical work at a level requiring knowledge acquired through a technical institute, junior college, or other type of training less extensive than 4-year college training.

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

No. 1029. RESEARCH AND DEVELOPMENT—OUTLAYS: 1955 TO 1981

[Includes basic research, applied research, and development. Defense-related outlays comprise all research and development spending by Dept. of Defense, including space activities, and a portion of Department of Energy funds. Space-related outlays are those of the National Aeronautics and Space Administration; they exclude space activities of other Federal agencies, estimated at less than 5 percent of all space research and development spending. Minus sign (-) denotes decrease]

YEAR OR PERIOD	CURRENT DOLLARS			CONSTANT (1972) DOLLARS		ANNUAL PERCENT CHANGE ³		PERCENT OF TOTAL R AND D OUTLAYS					
								Federally funded defense-space-related			Other outlays		
	Total ¹ (bil. dol.)	De-fense space related (bil. dol.)	Other (bil. dol.)	Total (bil. dol.)	Per-cent of GNP ²	Cur-rent dol-lars	Con-stant dol-lars	Total	De-fense	Space	Total	Non-Federal	Federal
1955	6.2	3.0	3.1	10.1	1.5	9.4	7.2	49	48	1	51	43	8
1956	8.4	4.2	4.2	13.3	2.0	35.5	31.4	50	49	1	50	42	8
1957	9.8	5.3	4.5	15.0	2.2	16.9	13.0	54	53	1	47	38	9
1958	10.7	5.8	4.9	16.2	2.4	9.6	7.6	54	53	1	47	37	10
1959	12.4	7.0	5.3	18.3	2.5	15.4	12.8	57	54	3	43	35	8
1960	13.5	7.4	6.1	19.6	2.7	9.4	7.6	55	52	3	44	35	9
1961	14.3	8.0	6.3	20.6	2.7	5.9	4.8	56	50	6	44	35	9
1962	15.4	8.5	6.9	21.8	2.7	7.5	5.7	55	48	7	45	36	9
1963	17.1	9.4	7.7	23.7	2.9	10.8	9.1	55	41	14	45	34	11
1964	18.9	10.6	8.3	25.9	3.0	10.5	8.9	56	37	19	43	34	9
1965	20.0	10.8	9.2	26.9	2.9	6.3	4.0	54	33	21	46	35	11
1966	21.8	11.4	10.5	28.4	2.9	9.0	5.7	52	33	19	48	36	12
1967	23.1	11.3	11.8	29.2	2.9	6.0	2.8	49	35	14	51	38	13
1968	24.6	11.8	12.8	29.8	2.8	6.3	2.0	48	35	13	52	39	13
1969	25.6	11.5	14.1	29.6	2.7	4.2	-8	45	34	11	55	42	13
1970	26.1	11.2	14.9	28.5	2.6	1.7	-3.5	43	33	10	57	43	14
1971	28.7	10.9	15.7	27.8	2.5	2.2	-2.6	41	32	9	59	44	15
1972	28.4	11.4	17.1	28.4	2.4	6.7	2.3	40	32	8	60	45	15
1973	30.7	11.7	19.0	29.1	2.3	7.9	2.4	38	31	7	62	47	15
1974	32.8	11.5	21.3	28.8	2.3	7.0	-1.2	35	28	7	65	48	16
1975	35.2	12.0	23.2	28.2	2.3	7.2	-2.0	34	27	7	66	49	17
1976	38.9	13.2	25.7	29.5	2.3	10.7	4.7	34	26	8	66	49	17
1977	42.9	13.7	29.2	30.7	2.2	11.2	3.9	32	25	7	68	50	18
1978	48.0	14.9	33.1	32.0	2.2	11.9	4.4	31	24	7	69	50	19
1979	54.2	16.3	38.0	33.3	2.3	12.9	4.0	30	23	7	70	51	19
1980, pre ¹	61.1	18.9	42.2	34.5	2.3	12.7	3.6	31	23	8	69	52	18
1981, est.	69.1	20.7	48.3	35.5	2.4	13.0	2.8	30	23	7	70	53	17
Annual average:													
1960-1969	19.4	10.1	9.4	25.6	2.8	7.8	5.0	53	40	13	48	38	11
1970-1979	36.4	12.7	23.7	29.6	2.3	7.9	1.2	36	28	8	64	48	16
1980-1981	65.1	19.8	45.3	35.0	2.4	12.9	3.2	31	23	8	69	52	17

¹ Includes revisions not shown in detail. ² GNP=Gross national product. ³ Change from prior year shown; 1955 change from 1954.

Source: U.S. National Science Foundation, *National Patterns of Science and Technology Resources, 1981*, NSF 81-308, and unpublished data.

No. 1030. RESEARCH AND DEVELOPMENT—SOURCE OF FUNDS AND PERFORMANCE SECTOR: 1960 TO 1981

[In millions of dollars. See headnote, table 1031]

YEAR	SOURCE OF FUNDS					PERFORMANCE SECTOR				
	Total	Federal Govt.	Industry	Univ.-colleges	Other ¹	Total	Federal Govt.	Industry	Univ.-colleges	Associated FFRDC's
Current dollars:										
1960	13,523	8,738	4,516	149	120	13,523	1,726	10,509	646	360
1965	20,044	13,012	6,548	267	217	20,044	3,093	14,185	1,474	629
1970	26,072	14,830	10,444	461	337	26,072	4,017	18,067	2,335	737
1975	35,169	18,065	15,820	749	535	35,169	5,310	24,187	3,409	987
1979	54,215	26,556	25,638	1,183	838	54,215	7,497	37,606	5,183	1,935
1980	61,127	29,302	29,475	1,385	965	61,127	8,052	42,750	5,950	2,200
1981	69,065	32,665	33,865	1,485	1,050	69,065	8,965	49,150	6,300	2,350
Constant (1972) dollars:										
1960	19,635	12,673	6,573	214	175	19,635	2,481	15,297	928	517
1965	26,896	17,443	8,806	356	291	26,896	4,124	19,077	1,965	838
1970	28,545	16,248	11,421	506	370	28,545	4,413	19,756	2,564	809
1975	28,169	14,526	12,603	608	432	28,169	4,315	19,263	2,771	802
1979	33,304	16,312	15,751	727	514	33,304	4,604	23,104	3,182	1,188
1980	34,499	16,551	16,619	784	545	34,499	4,556	24,103	3,867	1,245
1981	35,457	16,781	17,373	783	540	35,457	4,612	25,216	3,239	1,183

¹ Nonprofit institutions.

Source: U.S. National Science Foundation, *National Patterns of Science and Technology Resources, 1981*.

NO. 1031. RESEARCH AND DEVELOPMENT (R AND D) FUNDS, BY PERFORMANCE SECTOR AND SOURCE: 1965 TO 1981

(In millions of dollars, except percent. Data primarily on calendar year basis—calendar year data for industry and other nonprofit institutions combined with Federal and university fiscal year data. Data refer, in general, to natural sciences including engineering, and to social sciences in all but industry sector. Excludes capital expenditures data. Expenditures at associated federally funded research and development centers administered by industry and other nonprofit institutions included in totals of respective sectors. See also *Historical Statistics, Colonial Times to 1970, series W 109-125*)

PERFORMANCE SECTOR AND SOURCE OF FUNDS	1965	1970	1974	1975	1976	1977	1978	1979	1980, prel.	1981, est.
Total R & D¹	20,044	26,072	32,814	35,169	38,935	42,923	46,023	54,215	61,127	69,065
In 1972 dollars	26,896	28,545	28,755	28,169	29,499	39,654	32,010	33,304	34,499	35,457
Percent Federal as source	64.9	56.9	51.2	51.4	50.9	50.5	49.8	49.0	47.9	47.3
Percent of gross national product	2.9	2.6	2.3	2.3	2.3	2.2	2.2	2.2	2.3	2.4
Federal Government	3,093	4,017	4,861	5,310	5,588	6,053	6,856	7,497	8,052	8,965
Industry	14,185	18,067	22,887	24,187	26,997	29,928	33,164	37,606	42,750	49,150
Federal funds	7,740	7,779	8,220	8,605	9,561	10,521	11,163	12,342	13,700	15,750
Industry funds	6,445	10,288	14,667	15,582	17,436	19,407	22,001	25,264	29,050	33,400
Universities and colleges	1,474	2,335	3,023	3,409	3,727	4,063	4,614	5,183	5,950	6,300
Federal funds	1,073	1,648	2,032	2,288	2,512	2,729	3,057	3,432	3,900	4,100
Industry funds	41	61	96	113	123	139	170	194	225	240
University and college funds ²	267	461	677	749	808	881	1,028	1,183	1,385	1,485
Other nonprofit institutions funds ³	93	165	218	259	284	314	358	374	440	475
Univ. and colleges, associated federally funded R & D centers	629	737	865	987	1,147	1,384	1,717	1,935	2,200	2,300
Other nonprofit institutions	663	916	1,178	1,276	1,376	1,495	1,672	1,994	2,175	2,350
Federal funds	477	649	822	875	925	987	1,100	1,350	1,450	1,550
Industry funds	62	95	115	125	135	150	165	180	200	225
Other ⁴	124	172	241	276	316	358	407	464	525	575
Total research, basic and applied	6,894	9,222	11,418	12,446	13,925	15,269	17,156	19,361	21,858	24,062
In 1972 dollars	9,234	10,108	10,085	10,018	10,559	10,891	11,437	11,892	12,348	12,361
Percent Federal as source	62.9	59.9	56.0	56.7	56.5	56.3	56.1	55.6	54.8	53.5
Federal Government	1,354	1,857	2,221	2,439	2,793	2,929	3,191	3,451	3,713	3,977
Industry	3,250	4,029	4,987	5,300	5,931	6,567	7,296	8,302	9,500	10,900
Federal funds	1,224	1,207	1,188	1,287	1,385	1,541	1,670	1,850	2,110	2,400
Industry funds	2,026	2,822	3,799	4,013	4,546	5,026	5,626	6,452	7,390	8,500
Universities and colleges	1,417	2,223	2,880	3,261	3,563	3,863	4,378	4,920	5,640	5,375
Federal funds	1,036	1,564	1,961	2,210	2,425	2,617	2,935	3,288	3,725	3,920
Industry funds	39	56	90	106	114	125	155	178	205	220
University and college funds ²	252	448	635	702	756	823	950	1,101	1,295	1,385
Other nonprofit institutions funds ³	90	155	204	243	268	298	338	353	415	450
Univ. and colleges, associated federally funded R & D centers	412	485	502	573	686	867	1,118	1,298	1,500	1,575
Other nonprofit institutions	461	628	818	873	962	1,043	1,175	1,390	1,505	1,635
Federal funds	307	409	525	545	595	635	720	880	930	1,000
Industry funds	50	77	94	103	112	123	135	145	160	180
Other ⁴	104	142	199	225	255	285	320	365	415	455
Total basic research	2,555	3,496	4,207	4,575	4,928	5,485	6,318	7,164	8,132	8,772
In 1972 dollars	3,416	3,837	3,732	3,700	3,740	3,906	4,211	4,400	4,599	4,510
Percent of total R & D	12.7	13.4	12.8	13.0	12.7	12.8	13.2	13.2	13.3	12.7
Percent Federal as source	70.8	69.7	68.5	67.9	68.8	68.9	69.4	68.9	68.3	67.5
Federal Government	384	524	664	701	738	867	973	1,026	1,097	1,172
Industry	592	602	699	730	819	911	1,028	1,188	1,350	1,550
Federal funds	186	158	163	157	185	210	245	275	310	350
Industry funds	406	444	536	573	634	701	783	913	1,040	1,200
Universities and colleges	1,138	1,795	2,154	2,410	2,548	2,795	3,165	3,552	4,065	4,300
Federal funds	879	1,296	1,523	1,694	1,841	2,009	2,262	2,518	2,850	3,000
Industry funds	26	40	61	72	71	79	99	114	130	140
University and college funds ²	164	350	432	478	474	519	596	703	825	895
Other nonprofit institutions funds ³	69	110	138	166	162	168	208	217	260	275
Univ. and colleges, associated federally funded R & D centers	206	269	285	309	359	402	567	718	850	900
Other nonprofit institutions	253	305	405	425	464	510	585	680	770	850
Federal funds	172	189	245	245	265	290	335	400	450	500
Industry funds	29	44	54	60	64	70	80	85	95	105
Other ⁴	52	72	106	120	135	150	170	195	225	245
Total development	13,150	16,850	21,396	22,723	25,010	27,654	30,867	34,854	39,269	45,003
In 1972 dollars	17,662	18,437	18,690	18,153	18,940	19,763	20,573	21,412	22,151	23,096
Percent of total R & D	65.6	64.6	65.2	64.6	64.2	64.4	64.3	64.3	64.2	65.2
Percent Federal as source	68.0	55.2	48.6	48.5	47.8	47.3	46.2	45.3	44.1	44.0

¹ Basic research, applied research, and development. ² Based on 2d qtr. GNP. ³ Includes State and local government funds received by these institutions and used for research and development. ⁴ Includes estimates for independent nonprofit hospitals and voluntary health agencies.

Source: U.S. National Science Foundation, *National Patterns of Science and Technology Resources, 1981*.

NO. 1032. FEDERAL FUNDING FOR RESEARCH AND DEVELOPMENT, BY FUNCTION: 1973 to 1982

[In millions of dollars. For years ending June 30 except, beginning 1977 ending Sept. 30. Excludes R&D plant. For any given year, obligations differ from expenditures (see table 1034) because not all funds are expended during year obligated. Data for 1973-77 are shown in obligations, and for 1978-82 are shown in budget authority. See *Historical Statistics, Colonial Times to 1970*, series W 126, for total obligations]

FUNCTION	1973	1974	1975	1976	1977	1978	1979	1980	1981, est.	1982, est.
Total.....	16,800	17,411	19,039	20,780	23,984	26,517	29,040	31,588	35,523	40,789
National defense.....	9,002	9,016	9,679	10,430	11,864	12,899	13,791	14,946	18,442	23,261
Space research and technology.....	2,824	2,702	2,764	3,130	3,365	3,481	3,969	4,587	4,929	5,539
Health.....	1,585	2,089	2,170	2,351	2,629	2,968	3,401	3,894	3,825	4,043
Energy.....	630	759	1,363	1,649	2,562	3,134	3,461	3,603	3,515	3,016
General science.....	658	749	813	858	974	1,050	1,119	1,233	1,304	1,441
Natural resources and environment.....	554	516	624	683	753	904	1,010	999	1,038	976
Transportation.....	572	694	635	631	709	768	799	887	877	883
Agriculture.....	308	313	342	383	457	501	552	585	647	725
Education, training, employment, and social services.....	290	236	239	255	230	345	354	468	939	299
Veterans benefits and services.....	74	85	95	98	107	111	123	126	138	146
International affairs.....	28	24	29	42	68	57	117	125	124	138
Commerce and housing credit.....	50	51	65	69	71	77	92	101	110	121
Community and regional development.....	78	82	93	109	101	92	127	119	121	91
Income security.....	106	71	72	48	55	67	57	47	62	55
Administration of justice.....	33	35	44	35	30	44	47	45	28	31
General government.....	7	9	12	12	13	18	23	22	26	23

NO. 1033. FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT, AND RESEARCH BY FIELD OF SCIENCE: 1973 to 1981

[In millions of dollars. For years ending June 30 except, beginning 1977, ending Sept. 30. See headnote table 1032]

ITEM	1973	1974	1975	1976	1977	1978	1979	1980, est.	1981, est.
Research, total.....	5,646	6,216	6,841	7,616	8,604	9,725	10,673	11,803	12,908
Basic.....	2,193	2,339	2,536	2,700	3,191	3,619	4,097	4,509	4,902
Applied.....	3,454	3,877	4,305	4,915	5,413	6,105	6,576	7,295	8,006
Life sciences.....	1,929	2,265	2,462	2,639	3,016	3,430	3,850	4,187	4,432
Engineering.....	1,413	1,575	1,765	2,068	2,125	2,446	2,523	2,963	3,246
Physical sciences.....	986	1,028	1,119	1,266	1,560	1,680	1,822	1,980	2,263
Environmental sciences.....	585	633	731	766	908	1,028	1,103	1,250	1,329
Social sciences.....	298	291	302	393	449	507	528	560	602
Mathematics and computer sciences.....	133	136	151	167	211	235	257	282	353
Psychology.....	108	133	138	138	150	193	202	222	248
Other sciences.....	195	154	173	178	180	206	287	359	436

NO. 1034. FEDERAL OBLIGATIONS FOR RESEARCH AND DEVELOPMENT, BY AGENCY: 1971 to 1981

[In millions of dollars except percent. For years ending June 30 except, beginning 1977, ending Sept. 30. See headnote, table 1032. See *Historical Statistics, Colonial Times to 1970*, series W 142, for total R & D expenditures]

AGENCY	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980, est.	1981, est.
Total.....	15,543	16,496	16,800	17,411	19,039	20,780	23,984	26,388	28,978	31,678	35,492
Departments:											
Agriculture.....	305	350	367	379	420	462	547	621	663	732	778
Commerce.....	144	187	191	181	215	229	245	284	309	338	373
Defense.....	7,509	8,318	8,404	8,420	9,012	9,855	10,963	11,554	12,506	13,788	16,604
Percent of total.....	48.3	50.4	50.0	48.3	47.3	46.4	45.7	43.7	43.2	43.3	46.8
Energy ¹	1,303	1,298	1,363	1,489	2,047	2,464	3,536	4,245	4,639	4,950	4,995
HHS ²	1,476	1,751	1,638	2,290	2,397	2,584	2,823	3,207	3,505	3,777	3,908
Interior.....	192	219	244	192	303	333	315	359	406	426	425
Transportation.....	497	311	311	370	312	295	355	408	370	362	378
Agencies:											
EPA ³	137	122	181	169	258	259	295	385	410	415	445
NASA ⁴	3,258	3,157	3,061	3,002	3,064	3,447	3,703	3,875	4,411	5,114	5,398
NSF ⁵	337	455	480	556	595	609	697	749	808	904	895
Other depts. and agencies.....	385	328	360	363	416	443	505	701	951	1,072	1,193

¹ Prior to 1974, Atomic Energy Commission; 1974-1976, Energy Research and Development Administration. ² Health and Human Services beginning 1979; prior to then, Health, Education, and Welfare. ³ Environmental Protection Agency. ⁴ National Aeronautics and Space Administration. ⁵ National Science Foundation.

Source of tables 1032-1034: U.S. National Science Foundation, *Federal Funds for Research and Development*, annual.

**NO. 1035. FUNDS FOR PERFORMANCE OF INDUSTRIAL RESEARCH AND DEVELOPMENT, BY INDUSTRY,
1965 TO 1979, AND BY SOURCE OF FUNDS, 1979**

[In millions of dollars. Covers basic research, applied research, and development. See also *Historical Statistics, Colonial Times to 1970, series W 144-160*]

INDUSTRY	1965	1970	1975	1976	1977	1978	1979		
							Total	Federal Govt.	Private Industry
Total	14,185	18,067	24,187	26,997	29,928	33,164	37,606	12,342	25,264
Aircraft and missiles	5,140	5,219	5,713	6,339	7,104	7,680	8,414	6,132	2,281
Electrical equipment and communication	3,200	4,220	5,105	5,636	5,937	6,591	7,584	3,224	4,363
Machinery	1,065	1,729	3,196	3,487	3,967	4,579	5,142	673	4,469
Motor vehicles, transportation equipment	1,230	1,591	2,430	2,872	3,444	3,849	4,482	² 628	² 3,852
Chemicals and allied products	1,356	1,773	2,727	3,017	3,256	3,534	4,010	379	3,631
Professional and scientific instruments	403	744	1,173	1,331	1,487	1,713	2,024	223	1,801
Petroleum refining and extraction	397	515	693	767	918	1,080	1,224	142	1,082
Primary metals	213	275	443	506	534	549	613	33	580
Rubber products	162	276	467	502	491	488	551	(NA)	(NA)
Food and kindred products	157	230	335	355	395	429	475	(NA)	(NA)
Paper and allied products	94	178	249	313	336	391	454	(NA)	(NA)
Fabricated metal products	145	207	324	358	394	396	445	36	409
Stone, clay, and glass products	112	167	233	283	287	321	348	(NA)	(NA)

NA Not available. ¹ Includes industries not available separately. ² Excludes transportation equipment.

*Source: U.S. National Science Foundation, *Research and Development in Industry*, annual.

**NO. 1036. COMPANIES PERFORMING RESEARCH AND DEVELOPMENT—SELECTED DATA, BY INDUSTRY
GROUP: 1970 TO 1979**

Industry code ¹	INDUSTRY GROUP	R AND D FUNDS (mil. dol.)			RATIO OF NET SALES TO R AND D ²			R AND D SCIENTISTS/ENGINEERS ³ (1,000)		
		1970	1975	1979	1970	1975	1979	1970	1975	1979
(X)	Total	18,067	24,187	37,606	3.7	3.1	3.0	384.2	363.3	423.2
20	Food and kindred products	230	335	475	4	4	4	6.3	6.8	7.4
26	Paper and allied products	178	249	454	9	9	10	5.0	5.0	7.2
28	Chemicals and allied products	1,773	2,727	4,010	3.9	3.7	3.5	40.1	45.2	49.1
29	Petroleum refining	515	693	1,224	10	7	7	9.9	8.4	10.3
30	Rubber products	276	467	551	2.3	2.5	1.9	7.4	6.4	8.1
32	Stone, clay, and glass products	167	233	348	1.8	1.2	1.2	4.6	4.5	5.2
33	Primary metals	275	443	613	8	8	6	6.5	6.3	8.3
34	Fabricated metal products and ordnance	207	324	445	1.2	1.2	1.1	5.9	7.4	7.4
35	Machinery	1,729	3,196	5,142	4.0	4.8	5.0	42.3	52.8	61.5
36	Electrical equipment	4,220	5,105	7,584	7.3	6.5	6.3	100.6	82.6	87.7
37	Transportation	8,810	8,143	(NA)	8.8	6.8	(NA)	117.7	95.4	121.4
38	Professional and scientific instruments	744	1,173	3,024	5.7	5.9	6.1	15.0	17.9	24.3

NA Not available. X Not applicable. ¹ Standard Industrial Classification Code; see text, p. 776. ² Excludes nonmanufacturing industries. ³ As of January. ⁴ Includes breakdown not shown separately.

Source: U.S. National Science Foundation, *Research and Development in Industry*, 1979.

NO. 1037. FEDERAL OBLIGATIONS TO UNIVERSITIES AND COLLEGES: 1965 TO 1979

[In millions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30. Minus sign (—) denotes decrease]

ITEM	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total Federal obligations	2,305	3,237	4,145	3,839	4,480	4,547	5,403	6,490	7,472	6,196
Annual percent change ¹	41.9	—6.5	18.5	—7.4	16.7	1.5	18.8	20.1	15.1	—17.1
Academic science obligations	1,816	2,188	2,599	2,464	2,737	2,806	2,960	3,351	3,980	4,470
Percent of total	78.8	67.6	62.7	64.2	61.1	61.7	54.8	51.6	53.0	72.1
Research and development	1,095	1,447	1,853	1,871	2,085	2,239	2,423	2,789	3,364	3,646
Research and development plant	126	45	37	43	29	45	24	36	34	32
Other science activities	595	696	709	550	623	522	513	527	561	591
Nonscience activities	489	1,049	1,546	1,375	1,743	1,741	2,443	3,138	3,512	1,726

¹ For 1965, change from 1964; for 1970, change from 1969; for 1972, change from 1971.

Source: U.S. National Science Foundation, *Federal Support to Universities, Colleges, and Selected Nonprofit Institutions*, annual.

**NO. 1038. NOBEL PRIZE LAUREATES IN CHEMISTRY, PHYSICS, AND PHYSIOLOGY/MEDICINE—
SELECTED COUNTRIES: 1901 TO 1980**

[Presented by location of award-winning research and by date of award]

COUNTRY	1901-1980, total	1901-1915	1916-1930	1931-1945	1946-1960	1961-1975	1976-1980	1901-1980		
								Phys-ics	Chem-istry	Physiology/ Medicine
Total	342	52	41	49	74	92	34	117	96	128
United States.....	124	3	3	14	38	42	24	45	24	55
United Kingdom.....	84	7	8	11	14	20	4	21	23	20
Germany, Fed. Rep. of ¹	51	15	12	11	4	8	1	14	25	12
France.....	21	10	3	2	4	5	1	8	6	7
Soviet Union.....	10	2	—	—	—	3	1	7	1	2
Other countries.....	72	15	15	11	14	14	3	22	17	33

— Represents zero. ¹ Includes East Germany before 1946.

Source: U.S. National Science Foundation, *Science Indicators*, 1976; and unpublished data.

**NO. 1039. NATIONAL RESEARCH AND DEVELOPMENT EXPENDITURES AS A PERCENT OF GROSS
NATIONAL PRODUCT, BY COUNTRY: 1965 TO 1980**

YEAR	United States	France	Germany, Fed. Rep.	Japan	United Kingdom	Soviet Union	YEAR	United States	France	Germany, Fed. Rep.	Japan	United Kingdom	Soviet Union
1965.....	2.90	2.01	1.73	1.54	(NA)	2.85	1973.....	2.31	1.76	2.22	1.89	(NA)	3.66
1966.....	2.89	2.06	1.81	1.48	2.31	2.68	1974.....	2.29	1.79	2.26	1.95	(NA)	3.64
1967.....	2.89	2.13	1.97	1.53	2.29	2.91	1975.....	2.27	1.80	2.36	1.94	2.05	3.69
1968.....	2.82	2.08	1.97	1.61	2.25	(NA)	1976.....	2.27	1.77	2.29	1.93	(NA)	3.55
1969.....	2.72	1.94	2.05	1.65	2.22	3.03	1977.....	2.24	1.76	2.31	1.92	2.13	3.47
1970.....	2.63	1.91	2.18	1.79	(NA)	3.23	1978.....	2.23	1.76	2.31	1.93	(NA)	3.44
1971.....	2.47	1.90	2.38	1.84	(NA)	3.29	1979.....	2.26	(NA)	2.34	1.94	(NA)	3.47
1972.....	2.40	1.86	2.33	1.85	2.05	3.58	1980.....	2.33	(NA)	2.32	(NA)	(NA)	3.47

NA Not available.

Source: U.S. National Science Foundation, *Science Indicators*, 1978; and unpublished data.

**NO. 1040. RESEARCH AND DEVELOPMENT EXPENDITURES IN SCIENCE AND ENGINEERING AT
UNIVERSITIES AND COLLEGES: 1970 TO 1979**

[In millions of dollars. Estimates for nonrespondents account for less than 7 percent of the total]

CHARACTERISTIC	1970	1975	1978	1979	CHARACTERISTIC	1970	1975	1978	1979
Total	2,335	3,409	4,614	5,183	Field of science:				
In 1972 dollars ¹	2,564	2,771	3,076	3,183	Life sciences.....	1,194	1,901	2,535	2,815
Basic research.....	1,796	2,410	(NA)	3,552	Engineering.....	319	381	601	715
Applied research and develop.....	539	999	(NA)	1,631	Physical sciences.....	307	350	495	580
Source of funds:					Environmental sciences.....	125	255	378	429
All Governments.....	1,867	2,620	3,471	3,899	Social sciences and other.....	257	356	391	419
Institutions' own funds.....	243	417	615	716	Mathematics and computer sciences.....	72	85	125	145
Industry.....	61	113	170	194	Psychology.....	59	80	89	100
Other.....	185	259	359	374					

NA Not available. ¹ Based on GNP implicit price deflator, see text, p. 417.

Source: U.S. National Science Foundation, *Survey of Scientific and Engineering Expenditures at Universities and Colleges*, annual.

NO. 1041. SCIENTISTS AND ENGINEERS EMPLOYED IN RESEARCH AND DEVELOPMENT: 1961 TO 1981

[In thousands of full-time equivalent employees. Yearly averages for industry sector only. Excludes those employed by State and local government agencies, except as noted. DOD=Dept. of Defense]

SECTOR	1961	1965	1970	1975	1976	1977	1978	1979	1980 ¹	1981 ¹
Total	425.7	494.5	546.6	533.1	546.3	570.4	594.3	620.2	643.5	670.0
Industry (excl. social scientists) ²	312.0	348.4	375.6	363.8	373.6	393.2	412.4	432.8	453.4	476.3
Universities and colleges, total.....	42.4	55.4	66.5	70.2	71.9	74.5	76.5	78.2	79.9	82.2
Scientists and engineers.....	33.6	40.4	50.3	51.6	52.9	54.4	55.9	56.5	57.1	58.3
Graduate students.....	8.8	13.0	18.2	18.8	18.9	20.1	20.6	21.7	22.8	23.9
Federal Government (incl. DOD).....	51.1	61.8	69.8	63.4	64.0	64.7	66.3	67.0	67.5	68.0
University-affiliated federally funded R & D centers.....	9.1	11.1	11.5	12.7	13.4	14.0	14.1	14.7	15.2	15.5
Other nonprofit institutions ^{2,3}	11.1	19.9	21.2	23.0	23.5	24.0	25.0	27.5	27.5	27.5

¹ Estimated. ² Includes professional R & D personnel employed at FFRDC's administered by industry and other nonprofit institutions. ³ Includes estimate for R&D scientists and engineers employed in State-affiliated institutions.

Source: U.S. National Science Foundation, *National Patterns of Science and Technology Resources*, 1981.

NO. 1042. SCIENTISTS AND ENGINEERS, BY FIELD, EMPLOYMENT STATUS, AND SEX: 1974 TO 1978

[In thousands, except percent. Represents the total science and engineering population in the United States]

FIELD	1974			1976			1978			
	Total		In labor force	Total		In labor force	Total		In labor force	Out-side labor force ¹
	Number	Percent female		Number	Percent female		Number	Percent female		
Total, all fields	2,482	8.7	2,288	2,706	9.2	2,452	2,741	9.7	2,508	234
Engineers, total.....	1,292	5	1,228	1,375	6	1,268	1,396	1.6	1,285	111
Scientists, total.....	1,190	17.7	1,059	1,330	18.2	1,184	1,345	18.2	1,223	123
Life scientists.....	266	19.5	243	314	19.4	286	328	22.0	296	32
Physical scientists.....	248	8.4	207	281	9.4	237	255	8.9	217	38
Computer specialists.....	170	20.4	167	180	20.2	173	238	18.0	235	3
Social scientists.....	217	24.4	192	237	24.5	211	205	20.6	189	17
Psychologists.....	109	21.1	94	123	25.0	106	132	27.3	123	8
Mathematical scientists.....	101	19.8	84	110	20.8	92	108	18.4	90	18
Environmental scientists.....	79	6.7	71	86	7.5	77	81	10.6	74	7

¹ Includes those not employed or not seeking employment, such as retirees.**NO. 1043. CHARACTERISTICS OF SCIENTISTS AND ENGINEERS: 1978**

[Percent distribution, except as indicated. Represents the total science and engineering population in the United States]

CHARACTERISTIC	1978								
	Total	Engi-neers	Physical sci-en-tists	Math-e-matical sci-entists	Com-puter spe-cial-ists	Envi-ron-men-tal sci-entists	Life sci-entists	Psy-chol-ogists	Soc-ial sci-entists
Total (1,000)	2,741	1,396	255	108	238	81	328	132	205
Male.....	90.3	98.4	91.0	81.6	82.0	89.4	78.0	72.7	79.4
Female.....	9.7	1.6	9.0	18.4	18.0	10.6	22.0	27.3	20.6
Highest degree:									
Doctorate.....	11.6	3.5	25.6	15.0	2.6	17.6	25.2	28.6	23.5
Master's.....	28.0	19.7	23.8	63.4	26.4	30.1	34.7	60.7	40.9
Bachelor's.....	58.0	72.3	50.4	21.4	71.0	52.2	39.8	10.7	35.5
Other.....	2.4	4.6	.1	.2	.1	.1	.3	.1	.1
Type of employer:									
Business, industry.....	61.8	77.7	54.8	38.7	74.0	55.9	29.7	26.2	32.7
Educational institutions.....	15.4	3.8	28.1	39.7	7.5	17.8	32.4	45.8	33.0
Nonprofit organizations.....	3.2	1.4	3.7	8.5	4.7	1.5	6.4	8.4	5.5
Federal Government.....	8.3	7.1	8.5	10.8	6.2	14.4	14.4	3.3	9.1
Military.....	.8	.9	.3	.9	1.2	.1	.6	1.8	.3
Other government.....	8.3	6.9	4.5	5.4	4.5	9.3	12.2	18.2	18.2
Other.....	2.2	2.1	2.1	1.1	1.8	1.0	4.2	2.2	1.2

Source of tables 1042 and 1043: U.S. National Science Foundation, *U.S. Scientists and Engineers: 1978* (NSF 80-304).**NO. 1044. RESEARCH AND DEVELOPMENT SCIENTISTS AND ENGINEERS—AVERAGE FULL-TIME-EQUIVALENT AND COST, BY INDUSTRY AND SOURCE OF SUPPORT: 1970 TO 1979**[In thousands. Data are estimates; for 1970 on man-years basis; thereafter, on average full-time-equivalent (FTE) basis. See *Historical Statistics, Colonial Times to 1970*, series W 167, for total cost per scientist or engineer]

INDUSTRY	1970			1975			1978			1979		
	Total	Private Indus-try	Federal Govt.	Total	Private Indus-try	Federal Govt.	Total	Private indus-try	Federal Govt.	Total	Private indus-try	Federal Govt.
Average FTE of scientists and engineers	375.6	234.9	140.7	363.8	260.6	103.2	413.6	289.0	124.6	437.6	306.8	130.8
Chemicals ¹	41.4	38.0	3.4	44.8	42.2	2.6	48.5	45.9	2.6	50.4	47.1	3.3
Machinery.....	42.5	35.4	7.1	54.2	47.0	7.2	59.8	51.3	8.5	62.8	54.5	8.2
Electrical equipment.....	96.2	49.9	46.3	81.4	48.2	33.2	86.7	50.1	36.6	92.4	55.7	36.7
Motor vehicle ²	26.8	21.5	5.3	27.5	24.0	3.5	33.8	29.5	4.3	36.0	32.0	4.0
Aircraft and missiles.....	85.2	20.9	64.3	87.2	21.1	46.1	84.2	26.6	57.6	87.4	30.3	57.1
Other industries.....	83.5	69.2	14.3	88.7	78.1	10.6	100.6	85.5	15.1	108.6	87.1	21.5
Cost per scientist or engi-neer (dol.)	48.1	22.9	56.2	66.5	68.2	82.2	78.8	76.7	90.0	84.0	83.1	95.2
Chemicals ¹	42.8	42.0	53.7	60.9	56.0	87.0	79.1	70.1	(NA)	79.5	77.6	114.8
Machinery.....	40.7	40.1	39.2	58.9	59.8	73.8	74.3	75.8	69.6	81.9	81.9	81.7
Electrical equipment.....	43.9	40.7	48.1	62.7	54.3	65.6	78.9	74.7	78.4	82.0	79.2	88.1
Motor vehicle ²	59.6	63.2	51.7	88.4	86.0	104.3	117.4	113.5	114.7	127.3	117.2	(NA)
Aircraft and missiles.....	61.3	54.3	65.0	85.1	56.1	96.2	91.3	70.6	100.9	96.3	75.8	107.8
Other industries.....	42.0	39.4	55.0	55.3	52.4	75.5	69.9	(NA)	(NA)	74.6	(NA)	(NA)

NA Not available. ¹ Includes allied products. ² And other transport equipmentSource: U.S. National Science Foundation, *Research and Development in Industry*, annual.

NO. 1045. EMPLOYMENT OF SCIENTISTS, ENGINEERS, AND TECHNICIANS IN PRIVATE INDUSTRY, BY OCCUPATION AND MAJOR INDUSTRIAL SECTOR: 1980

[In thousands. As of August]

ITEM	Total	Mining ¹	Construction	Manufacturing	Transportation	Communications	Public utilities	Trade	Finance, insurance, real estate	Services
Scientists and engineers	1,281.0	50.2	54.1	694.7	7.9	42.2	37.7	71.7	38.7	283.8
Scientists.....	320.4	23.3	1.4	123.3	2.7	4.5	5.3	28.0	32.1	99.9
Physical scientists.....	107.1	19.5	(2)	61.8	4	(2)	1.5	1.1	(2)	22.7
Life scientists.....	23.3	(2)	(2)	13.3	(2)	(2)	(2)	.5	(2)	9.5
Mathematical scientists.....	29.6	.7	(2)	8.8	1	(2)	(2)	.7	(2)	10.4
Social scientists.....	13.5	(2)	(2)	2.8	(2)	.1	(2)	.4	(2)	8.7
Psychologists.....	2.8	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	2.8
Computer specialists.....	144.2	3.1	1.4	36.5	2.2	4.0	3.7	25.3	22.2	45.9
Engineers²	960.6	27.0	52.7	571.4	5.2	37.7	32.5	43.7	6.6	183.9
Civil engineers.....	100.0	1.1	19.6	4.8	(2)	.8	2.4	16.7	(2)	54.6
Electrical/electronics eng.....	286.5	.5	8.2	170.6	.6	26.7	15.5	18.1	(2)	46.4
Mechanical engineers.....	173.7	1.2	13.9	113.6	.8	.7	5.4	2.0	(2)	36.0
Technicians	1,233.3	26.2	53.9	553.5	16.2	32.2	44.4	128.1	30.7	348.2
Engineering technicians ³	854.3	18.1	49.9	374.7	4.6	26.7	34.7	93.9	2.9	248.8
Drafters.....	282.1	6.7	24.8	111.9	.2	4.8	7.0	5.5	1.7	119.5
Electrical/electronic tech.....	308.4	1.5	18.2	129.8	2.0	16.8	11.4	86.9	(2)	47.6
Science technicians.....	99.9	3.6	(2)	70.7	.4	(2)	1.4	1.7	(2)	22.2
Computer programmers.....	179.3	2.1	1.4	55.4	5.0	4.2	3.7	18.6	27.8	61.2
All other technicians.....	99.7	2.4	2.7	52.8	6.2	1.1	4.6	13.9	(2)	16.0

Z Fewer than 50. ¹Includes oil and gas extraction. ²Includes engineers and technicians not shown separately. Source: U.S. National Science Foundation and U.S. Bureau of Labor Statistics, unpublished data.

NO. 1046. SCIENTISTS AND ENGINEERS—EMPLOYMENT IN INSTITUTIONS OF HIGHER EDUCATION, BY FIELD: 1965 TO 1980

[In thousands. As of January. Includes full-time and part-time personnel. Excludes graduate students who receive stipends for part-time services as scientists or engineers. R and D=research and development]

FIELD	1965	1971	1975	1980	FIELD	1965	1971	1975	1980
Total	189.9	269.2	291.4	339.6	Math. and computer scientists ...	13.7	24.5	28.5	36.9
Universities, colleges.....	178.9	257.9	278.9	324.8	Life scientists.....	75.8	110.3	113.5	134.1
Teaching staff.....	122.0	185.0	215.0	(NA)	Agricultural.....	13.5	18.0	14.3	15.9
Engineers ¹	21.7	27.1	27.9	33.8	Biological.....	24.3	31.8	38.2	44.9
Civil.....	3.1	4.1	4.9	5.5	Medical.....	38.0	60.4	61.0	67.5
Electrical.....	5.5	6.9	6.8	8.2	Psychologists.....	9.4	16.8	21.6	23.2
Mechanical.....	4.1	5.4	5.3	6.1	Social scientists.....	32.9	43.2	48.7	54.3
Physical and environmental science ¹	25.5	35.9	38.7	43.5	Federally funded R and D centers.....	11.0	11.3	12.5	14.8
Chemists.....	10.7	14.7	16.1	17.7	Engineers.....	5.0	5.1	5.9	6.5
Earth scientists.....	4.0	6.5	6.0	6.6	Scientists.....	6.0	6.2	6.6	8.3
Physicists.....	9.1	12.2	12.3	13.1					

NA Not available. ¹Includes other breakdown not shown separately. Source: U.S. National Science Foundation, *Academic Science Scientists and Engineers*, annual.

NO. 1047. PROFESSIONAL SCIENTIFIC, ENGINEERING, AND TECHNICAL PERSONNEL IN THE FEDERAL GOVERNMENT, BY OCCUPATIONAL GROUP: 1966 TO 1979

[In thousands, except percent. 1966 data as of December, all other years as of October]

OCCUPATIONAL GROUP	1966	1970	1975	1977	1978	1979	PERCENT FEMALE					
							1966	1970	1975	1977	1978	1979
Total	192.7	206.2	221.9	229.2	236.7	174.7	16.6	16.4	19.7	20.8	21.5	16.4
Scientific personnel.....	71.5	77.2	77.3	81.4	84.8	86.0	7.8	8.0	8.8	9.8	10.7	11.6
Physical sciences.....	27.3	29.8	27.1	27.1	27.5	27.6	6.4	6.4	6.6	7.3	7.9	8.4
Mathematics and statistics.....	7.3	8.6	10.0	10.6	11.2	11.4	20.0	17.4	15.9	16.7	17.6	18.5
Life sciences.....	26.0	26.9	26.4	28.3	29.3	29.5	3.7	4.1	5.1	6.1	6.8	7.5
Social sciences.....	5.8	8.6	8.0	9.1	9.4	10.3	14.5	16.2	17.6	19.9	21.8	23.8
Geography and cartography.....	3.2	3.3	2.9	3.3	3.6	4.1	8.6	8.5	7.9	9.2	9.8	11.9
Psychology.....	1.9	2.2	2.9	3.0	3.2	3.2	14.6	13.7	14.6	15.1	16.0	16.7
Engineering personnel.....	76.8	83.0	88.6	87.8	89.2	88.8	.5	.5	.7	.9	1.1	1.3
Health professional personnel.....	44.3	46.0	58.0	59.9	62.8	(NA)	58.8	59.2	62.7	65.1	65.0	(NA)
Health officers.....	13.1	13.0	13.4	11.7	12.1	(NA)	4.7	5.5	7.8	9.8	10.6	(NA)

NA Not available. ¹Excludes health professional personnel. ²Includes community planning. Source: U.S. National Science Foundation. Compiled from data supplied by the U.S. Office of Personnel Management.

NO. 1048. GRADUATE SCIENCE STUDENTS IN DOCTORATE-GRANTING INSTITUTIONS, BY FIELD AND LEVEL OF STUDY: 1975 TO 1979

[In thousands. As of fall. Includes outlying areas]

FIELD OF SCIENCE	TOTAL STUDENTS, FIRST-YEAR			TOTAL STUDENTS, BEYOND FIRST-YEAR			FULL-TIME STUDENTS, FIRST- YEAR			FULL-TIME STUDENTS, BEYOND FIRST-YEAR		
	1975	1978	1979	1975	1978	1979	1975	1978	1979	1975	1978	1979
Total	112.9	106.1	103.8	182.7	204.3	217.9	79.5	74.5	73.3	131.4	142.4	150.8
Engineering.....	29.3	25.1	24.2	35.8	40.5	44.5	18.5	14.6	14.6	20.6	22.5	24.6
Physical sciences.....	7.0	6.8	6.5	17.8	18.3	18.8	8.0	5.8	5.5	15.4	15.9	16.4
Environmental sciences.....	3.7	3.6	3.6	7.0	8.3	8.7	3.1	3.1	3.1	5.6	6.6	6.8
Mathematical/computer sciences.....	8.6	7.7	7.6	12.5	13.4	14.9	5.3	4.7	4.7	8.5	8.7	9.3
Life sciences.....	28.4	29.5	28.5	44.7	55.5	58.5	23.0	22.6	21.9	36.2	42.3	44.6
Psychology.....	7.8	7.1	6.9	19.3	20.8	21.1	5.6	5.5	5.5	14.0	15.1	15.3
Social sciences.....	28.1	26.4	26.7	45.6	47.6	51.5	19.6	18.2	17.9	31.1	31.3	33.8

Source: U.S. National Science Foundation, *Survey of Graduate Science Students and Postdoctorates*, annual.

NO. 1049. DEGREES CONFERRED, BY RECIPIENTS' CHARACTERISTICS, 1970 TO 1980, AND BY SELECTED FIELDS, 1980

CHARACTERISTIC	ALL FIELDS ¹					1980				
	1970	1975	1978	1979	Total ¹	Physi- cal sci- ences ²	Engi- neering	Biologi- cal sci- ences ³	Psy- chology	Social sci- ences ⁴
Doctorate conferred.....	29,475	32,913	30,850	31,200	30,982	4,114	2,479	3,411	3,098	2,467
Percent with master's degree.....	78.6	81.3	81.4	81.2	80.9	59.7	90.4	51.9	79.8	84.6
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Male.....	86.5	78.1	73.1	71.4	69.7	87.8	96.4	72.0	57.7	73.6
Female.....	13.5	21.9	26.9	28.6	30.3	12.2	3.6	28.0	42.3	26.4
White ⁵	(NA)	79.8	83.4	83.3	84.6	83.7	73.5	86.6	87.9	84.8
Black and other ⁵	(NA)	12.1	10.7	10.9	10.5	9.3	21.1	7.6	8.0	9.9
Not reported ⁵	(NA)	8.1	5.9	5.8	4.9	7.0	5.5	5.9	4.2	5.3
U.S. citizens.....	84.2	82.1	81.6	81.3	81.0	74.6	50.6	86.3	91.6	77.1
Foreign citizens.....	14.0	15.9	15.4	15.7	15.9	22.9	46.3	11.5	3.9	20.0
Citizenship unknown.....	1.6	2.0	2.9	3.0	3.1	2.6	3.1	2.2	4.5	2.9
Median age at award ⁶ (yr.).....	30.7	31.5	31.7	31.9	32.2	29.2	30.3	29.4	30.6	32.4
Median total time, ⁶ baccalaureate to doctorate (yr.).....	7.9	8.6	8.9	9.0	9.3	6.8	7.6	7.1	7.9	9.4
Registered time (yr.).....	5.6	5.9	6.1	6.2	6.3	5.8	5.6	5.9	6.1	6.7
Master's conferred (1,000).....	209	294	313	302	299	12	17	7	8	8
Bachelor's conferred ⁷ (1,000).....	833	988	997	1,000	1,010	46	60	50	43	72

NA Not available. ¹ Includes other fields, not shown separately. ² Astronomy, physics, chemistry, earth sciences, and mathematics. ³ Biochemistry, botany, microbiology, physiology, zoology, and related fields. ⁴ Anthropology, sociology, economics, political science, public administration, and international relations. ⁵ 1978-1980 data on race limited to U.S. citizens and non-U.S. citizens with permanent visas (26,529 in 1978, 26,683 in 1979, and 26,394 in 1980). ⁶ For definition of median, see Guide to Tabular Presentation. ⁷ Includes first professional degrees.

Source: U.S. National Science Foundation. Data from National Research Council, *Summary Report, 1979: Doctorate Recipients from United States Universities* and National Center for Education Statistics, *Earned Degrees Conferred*, annual.

NO. 1050. SCIENCE DOCTORATES CONFERRED: 1965 TO 1980

[Doctorates conferred, years ending June 30; enrollment as of fall term. See also *Historical Statistics, Colonial Times to 1970*, series H 767-771, 774, and 776-780]

FIELD OF SCIENCE	1965	1970	1974	1975	1976	1977	1978	1979	1980
Science doctorates conferred	10,477	17,731	18,316	18,352	17,872	17,373	17,034	17,230	17,195
Life sciences.....	2,539	4,163	4,303	4,402	4,350	4,266	4,361	4,495	4,710
Biological sciences.....	1,963	3,360	3,473	3,498	3,562	3,484	3,508	3,640	3,798
Agricultural sciences ¹	576	803	830	904	788	782	853	855	912
Physical sciences.....	2,865	4,400	3,800	3,749	3,572	3,410	3,234	3,321	3,151
Chemistry.....	1,444	2,234	1,792	1,762	1,623	1,570	1,545	1,567	1,538
Physics and astronomy.....	1,046	1,655	1,334	1,293	1,235	1,149	1,066	1,108	985
Earth, environmental, and marine sciences.....	375	511	674	694	714	691	823	646	628
Social sciences.....	1,361	2,626	3,286	3,344	3,278	3,137	3,008	2,862	2,794
Psychology.....	954	1,888	2,587	2,749	2,789	2,960	3,049	3,081	3,098
Engineering.....	2,073	3,432	3,144	2,959	2,791	2,641	2,423	2,494	2,479
Mathematics.....	685	1,222	1,196	1,149	1,003	959	959	977	963

¹ Excludes agricultural economics.

Source: U.S. National Science Foundation. Data from National Research Council, *Doctorate Record File*.

NO. 1051. DOCTORAL SCIENTISTS AND ENGINEERS—CHARACTERISTICS OF THE TOTAL POPULATION:
1973 TO 1979
(In thousands)

CHARACTERISTIC	1973	1975	1977	1979		CHARACTERISTIC	1973	1975	1977	1979	
				Num-ber	Em-ployed					Num-ber	Em-ployed
Total	239	270	303	332	314						
Field:						Race:					
Physical scientists.....	53.0	58.4	62.1	64.3	60.2	White.....	217	242	270	293	277
Mathematical scientists.....	13.0	14.2	15.4	16.1	15.3	Black.....	2.2	2.6	2.8	3.7	3.4
Computer specialists.....	2.7	3.5	5.8	6.8	6.7	Asian.....	9.4	12.9	15.7	21.7	21.0
Environmental scientists.....	10.9	12.5	13.5	15.1	14.6	Others and no report.....	10.4	13.0	14.4	13.4	12.4
Engineers.....	37.3	43.4	46.5	51.5	50.2	Employment status:					
Life scientists.....	63.6	70.3	78.3	86.3	80.1	Full-time employed.....	208	241	267	293	293
Psychologists.....	27.2	31.4	35.7	40.3	38.0	Part-time employed.....	6.3	7.3	7.5	10.7	10.7
Social scientists.....	31.2	36.8	45.8	52.0	48.6	Postdoctorates.....	5.7	8.2	9.8	10.2	10.2
Sex:						Unemployed/seeking.....	2.5	2.5	3.3	2.9	(x)
Men.....	218	245	272	294	280	Not employed/not seeking.....	1.5	2.4	2.8	3.6	(x)
Women.....	20.9	25.6	31.7	37.9	33.3	Retired/not employed.....	7.0	8.7	9.7	10.3	(x)
						Other.....	2.3	.4	.5	.8	(x)
						No report.....	5.3	.5	2.6	.9	(x)

X Not applicable.

Source: U.S. National Science Foundation, *Science and Engineering Personnel: A National Overview*, June 1980 (NSF 80-316).

NO. 1052. DOCTORAL SCIENTISTS AND ENGINEERS, BY SELECTED STATES: 1979

(Includes doctorate holders receiving their degrees between 1936 and June 1978. Selected States represent those with more than 4 thousand scientists and engineers)

STATE	Total	Natural sci-entists	Social sci-entists	Engi-neers	STATE	Total	Natural sci-entists	Social sci-entists	Engi-neers
Total	332,280	188,536	92,212	51,532	Mich.....	10,698	6,264	2,968	1,468
Calif.....	39,700	20,251	11,289	8,160	Minn.....	6,187	4,139	1,539	510
Colo.....	5,321	4,038	1,371	912	Mo.....	5,401	3,172	1,467	762
Conn.....	5,971	3,290	2,019	682	N.J.....	13,574	7,968	2,477	3,101
D.C.....	11,616	5,387	4,895	1,334	N.Y.....	32,716	17,365	10,811	4,540
Fla.....	7,508	4,133	2,427	948	N.C.....	7,371	4,773	1,753	845
Ga.....	4,956	3,401	1,081	474	Ohio.....	13,394	7,535	3,683	2,166
Ill.....	14,863	8,023	4,788	2,052	Pa.....	15,868	8,581	4,433	2,954
Ind.....	5,790	3,382	1,606	802	Tenn.....	5,615	3,341	1,371	903
La.....	4,054	2,508	891	655	Tex.....	16,439	9,705	3,427	3,307
Md.....	12,835	8,828	2,540	1,467	Va.....	9,516	5,324	2,616	1,576
Mass.....	14,078	7,941	4,008	2,129	Wash.....	6,913	3,289	2,319	1,305
					Wis.....	5,980	3,401	1,667	912
					Other areas.....	54,916	32,470	14,758	7,686

Source: U.S. National Science Foundation, *1979 Characteristics of Doctoral Scientists and Engineers in the United States*. Data derived from the Doctoral Roster of Scientists and Engineers.

NO. 1053. FEDERAL SPACE PROGRAM—OUTLAYS, BY AGENCY: 1960 TO 1981

(In millions of dollars, except percent. Through 1976, for years ending June 30, thereafter, years ending Sept. 30.
NASA = National Aeronautics and Space Administration)

YEAR	Total ¹	NASA ²		Dept. of De-fense	Dept. of En-ergy ³	YEAR	Total ¹	NASA ²		Dept. of De-fense	Dept. of En-ergy ³
		Total	Per-cent of total					Total	Per-cent of total		
1960.....	888	329	37.0	516	41	1971.....	4,999	3,171	63.4	1,693	97
1961.....	1,468	604	47.3	710	64	1972.....	4,772	3,195	67.0	1,470	60
1962.....	2,267	1,226	51.4	1,029	130	1973.....	4,719	3,069	65.0	1,557	51
1963.....	4,079	2,517	61.7	1,368	181	1974.....	4,854	2,960	61.0	1,777	39
1964.....	5,900	4,101	68.5	1,564	220	1975.....	4,891	2,953	60.4	1,829	34
1965.....	6,856	5,005	73.0	1,592	232	1976.....	5,314	3,336	62.8	1,864	26
1966.....	7,689	5,828	75.8	1,637	188	1977.....	5,983	3,440	57.5	2,412	22
1967.....	7,208	5,307	73.6	1,673	184	1978.....	6,509	3,623	55.7	2,729	34
1968.....	6,647	4,574	68.8	1,890	146	1979.....	7,446	4,062	54.5	3,250	38
1969.....	6,331	4,083	64.5	2,095	117	1980, est.....	8,872	4,697	52.9	4,003	54
1970.....	5,453	3,565	65.4	1,756	103	1981, est.....	10,073	4,989	49.5	4,911	51

¹ Includes agencies not shown separately.

² Excludes aircraft technology.

³ See footnote 1, table 1034.

Source: U.S. National Aeronautics and Space Administration, *Aeronautics and Space Report of the President*, annual. Data from U.S. Office of Management and Budget.

Space Program

NO. 1054. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION—OUTLAYS FOR RESEARCH AND DEVELOPMENT: 1965 TO 1981

[In millions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30. Performance includes research and development, and research and program management. Space science includes technology. Minus sign (-) denotes decrease]

YEAR	Total outlays	Percent change	PERFORMANCE				FACILITIES			
			Total	Space flight	Space science, applications	Air transport and other	Total	Space flight	Space science, applications	Air transport and other
1965.....	5,093	122.1	4,562	3,138	1,126	298	531	401	78	52
1966.....	5,933	16.5	5,361	3,819	1,120	422	572	391	63	118
1967.....	5,426	-8.5	5,137	3,477	1,160	500	289	172	47	70
1968.....	4,726	-12.9	4,589	3,028	1,061	510	127	69	29	29
1969.....	4,252	-10.0	4,187	2,754	893	540	65	27	21	17
1970.....	3,753	-11.7	3,689	2,195	963	541	54	14	6	19
1971.....	3,382	-9.9	3,338	1,877	926	535	44	8	7	30
1972.....	3,423	1.2	3,373	1,727	1,111	535	50	13	11	29
1973.....	3,316	-3.1	3,271	1,532	1,220	519	45	5	12	38
1974.....	3,256	-1.8	3,181	1,448	1,156	577	75	25	9	42
1975.....	3,266	.3	3,181	1,500	1,076	606	85	35	8	43
1976.....	3,670	12.4	3,549	1,934	989	646	121	66	11	45
1977.....	3,945	7.5	3,840	2,195	1,002	643	105	56	4	60
1978.....	3,984	1.0	3,860	2,204	964	692	124	56	8	83
1979.....	4,187	5.0	4,054	2,175	1,144	735	133	41	9	97
1980.....	4,850	15.8	4,710	2,556	1,341	813	140	38	3	121
1981, est. ²	5,270	8.6	5,114	2,989	1,282	843	156	32	3	

¹ Change from 1984. ² Based on March revised budget estimates, see table 416, footnote 7 for explanation.
Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual, and unpublished data.

NO. 1055. SPACE VEHICLE SYSTEMS—SALES AND BACKLOG ORDERS: 1965 TO 1980

[In millions of dollars. Backlog orders as of Dec. 31. Based on data from major companies engaged in manufacture of aerospace products. Excludes engines and propulsion units]

YEAR	NET SALES			BACKLOG ORDERS			YEAR	NET SALES			BACKLOG ORDERS		
	Total	Military	Non-military	Total	Military	Non-military		Total	Military	Non-military	Total	Military	Non-military
1965.....	2,449	602	1,847	2,203	503	1,700	1975.....	2,119	1,096	1,023	1,304	1,019	285
1970.....	1,956	1,025	931	1,184	786	398	1976.....	2,002	904	1,098	1,234	902	332
1971.....	1,725	860	865	916	603	313	1977.....	1,870	814	1,056	1,589	1,283	326
1972.....	1,656	905	751	959	646	313	1978.....	2,324	1,006	1,318	2,188	1,693	495
1973.....	1,562	902	660	1,177	923	254	1979.....	2,539	1,105	1,434	1,448	909	539
1974.....	1,751	944	807	1,492	1,131	361	1980, prel.....	3,254	1,513	1,741	1,870	1,025	845

Source: U.S. Bureau of the Census, *Current Industrial Reports*, MQ-37D, *Aerospace Industry (Sales and Orders)*.

NO. 1056. SPACE PAYLOAD LAUNCHINGS: 1957 TO 1981

[Criterion of success is attainment of Earth orbit or Earth escape by payload]

[Criterion of success is attainment of Earth orbit or Earth escape by payload.]											
YEAR	UNITED STATES				Soviet Union suc- cessful launch- ings	YEAR	UNITED STATES				Soviet Union suc- cessful launch- ings
	Earth orbit		Earth escape				Earth orbit		Earth escape		
	Suc- cess	Fail- ure	Suc- cess	Fail- ure			Suc- cess	Fail- ure	Suc- cess	Fail- ure	
Total.....	941	129	79	15	1,707	1969.....	58	1	8	1	80
1957.....	-	1	-	-	2	1970.....	36	1	3	-	103
1958.....	5	8	-	4	1	1971.....	45	2	8	1	114
1959.....	9	9	1	2	3	1972.....	33	2	6	-	109
1960.....	16	12	1	2	3	1973.....	23	2	3	-	130
1961.....	35	12	-	2	6	1974.....	27	2	1	-	114
1962.....	55	12	4	1	26	1975.....	30	4	4	-	140
1963.....	62	11	-	-	20	1976.....	33	-	1	-	141
1964.....	69	8	4	-	39	1977.....	27	2	2	-	125
1965.....	93	7	4	1	76	1978.....	34	2	7	-	142
1966.....	94	12	7	1	52	1979.....	18	-	-	-	126
1967.....	78	4	10	-	75	1980.....	16	4	-	-	132
1968.....	61	15	3	-	85	1981, Jan.-Apr., prel.....	5	-	-	-	46

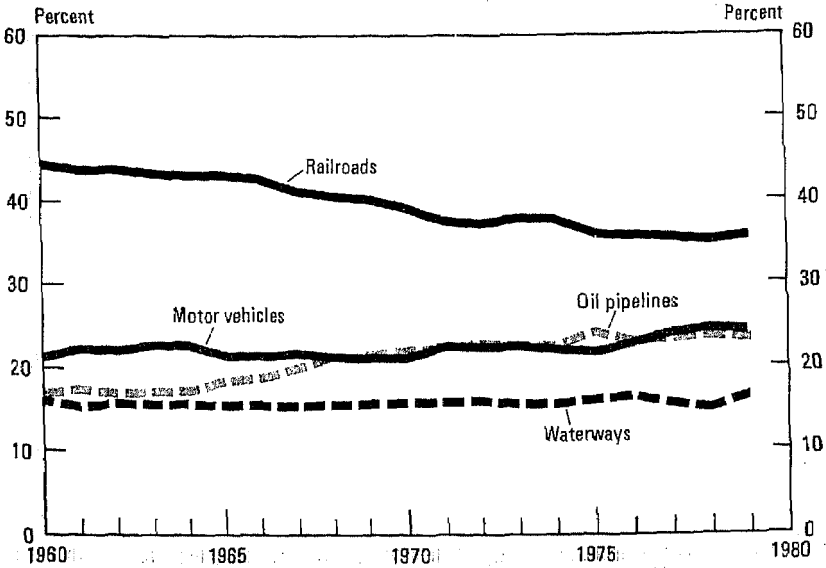
..... included in Earth orbit success totals.

..... in Space: Summary Data

- Represents zero. ¹ Attained Earth orbit and included in Earth orbit success totals.

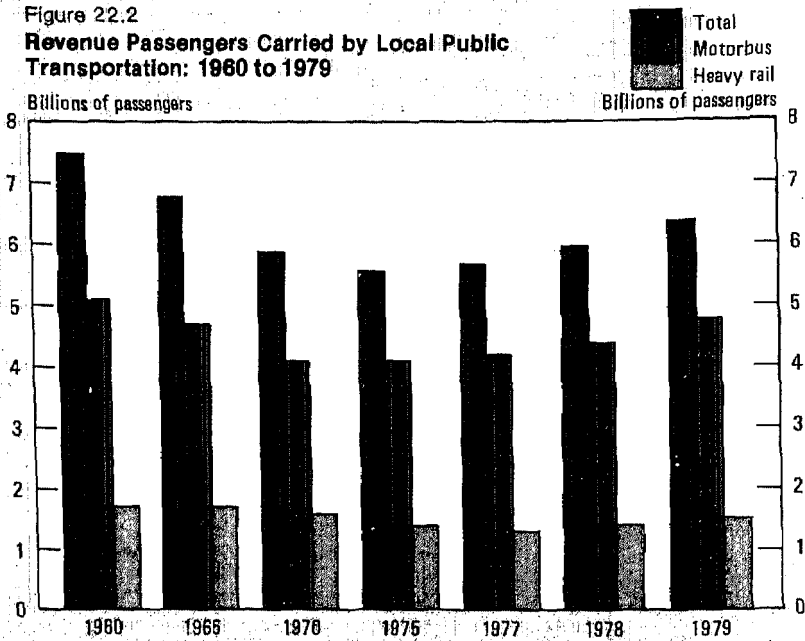
Source: Library of Congress, Science Policy Research Division, *United States and Soviet Progress in Space: Summary Data Through 1980 and A Forward Look*, January 1981; and unpublished data.

Figure 22.1
Ton-Miles of Domestic Intercity Freight Traffic — Percent Distribution by Type of Transportation: 1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1063.

Figure 22.2
Revenue Passengers Carried by Local Public Transportation: 1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1101.

1981

Section 22

Transportation — Land

This section presents statistics on revenues, passenger and freight traffic volume, and employment in various revenue-producing modes of the transportation industry, including motor vehicles, trains, and pipelines. Data are also presented on commuting travel; highway mileage, construction, and cost; motor vehicle travel, accidents, sales, and registrations; automobile operating costs; and characteristics of railroads.

The principal compiler of data on public roads and on operation of motor vehicles is the U.S. Department of Transportation's (DOT) Federal Highway Administration (FHWA). These data appear in FHWA's annual *Highway Statistics*. Another major source of data on interstate land transport is the U.S. Interstate Commerce Commission (ICC). Among its publications are the *Annual Report to Congress*, and the *Transport Statistics in the United States* volumes, which contain data on railroads and motor carriers subject to ICC regulations.

The U.S. National Highway Traffic Safety Administration issues data on traffic accident deaths, and death rates in two annual reports: the *Fact Book* and the *Fatal Accident Reporting System Annual Report*. DOT's Federal Railroad Administration presents data on accidents involving railroads in its annual *Accident/Incident Bulletin*, and the *Rail-Highway Grade-Crossing Accident/Incident Bulletin*.

Various censuses and surveys conducted by the U.S. Bureau of the Census also provide data. Results of the censuses of transportation are presented in *Commodity Transportation Survey*, *National Travel Survey*, and *Truck Inventory and Use Survey*. The *Annual Survey of Manufactures* and reports of the censuses of manufactures, wholesale and retail trade, and service industries contain statistics on the motor-vehicle and equipment industry and on retail, wholesale, and services aspects of this industry. Data on persons commuting to work were collected as part of the 1975 and 1977 Annual Housing Survey and are contained in the reports, *The Journey to Work* and *Selected Characteristics of Travel to Work in 20 Metropolitan Areas, 1977*.

Data are also presented in many nongovernment publications. Among them are: The weekly and annual *Cars of Revenue Freight Loaded* and the annual *Yearbook of Railroad Facts*, both published by the Association of American Railroads, Washington, D.C.; *Bus Facts*, issued annually by the American Bus Association, Washington, D.C.; and the *Transit Fact Book*, containing electric railway and motorbus statistics, published annually by the American Public Transit Association, Washington, D.C. Useful annual handbooks in the field of motor-vehicle transport are *Motor Vehicle Facts and Figures*, issued by the Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mich.; *Accident Facts*, issued by the National Safety Council, Chicago, Ill.; and *Transportation Facts and Trends*, issued by the Transportation Association of America, Washington, D.C.

Federal-aid highway systems.—Federal law provides that Federal funds be matched in varying proportions with State funds for the costs of planning, engineering, right-of-way acquisition, and construction of highways. Other costs, such as maintenance and policing, are borne entirely by the States and local agencies.

Effective July 1, 1976, a uniform road classification system was implemented which shortened the mileage of the highway system and redefined the three main systems of Federal-aid routes. The Federal-aid primary system is comprised of a network of main roads important to interstate, statewide, and regional travel. The system consists of main rural roads and their extensions into or through urban areas. The Federal-aid secondary system consists of rural roads of a more local nature, such as those which connect county seats and the larger population centers not served by the primary system. The Federal-aid urban system is located in urban places of 5,000 or more persons and consists of major urban roads and streets, except those on the primary system.

Regulatory bodies.—The ICC, created by the U.S. Congress to regulate transportation in interstate commerce, has jurisdiction over railroads, trucking companies, bus lines, freight forwarders, water carriers, coal slurry pipelines, and transportation brokers. The Federal Energy Regulatory Commission is responsible for setting rates and charges for transportation and sale of natural gas and for establishing rates or charges for transportation.

Motor carriers.—For 1960-1973, class I for-hire motor carriers of freight were classified by the ICC as those with \$1 million or more of gross annual operating revenue; since 1974, the class I minimum has been \$3 million. Effective January 1, 1980 class I revenue are those with \$5 million or more. For 1960-1968, class I motor carriers of passengers were classified by the ICC as those with \$200,000 or more of gross annual operating revenue; for 1969-1976, as those with revenues of \$1 million or more; and since 1977, as those with \$3 million or more.

Railroads.—Railroad companies reporting to the ICC are divided into specific groups as follows: (1) Regular line-haul (interstate) railroads (and their non-operating subsidiaries); (2) switching and terminal railroads; (3) private railroads prior to 1964 (identified by ICC as "circular" because they reported on brief circulars); and (4) unofficial railroads, so designated when their reports are received too late for tabulation. For the most part, the last 3 groups are not included in the statistics shown here.

For years prior to 1978, class I railroads were those with annual revenues of \$1 million or more for 1950-1955; \$3 million or more for 1956-1964; \$5 million or more for 1965-1975; and \$10 million or more for 1976-1977. Since 1978 the classification has been: Class I, those having more than \$50 million gross annual operating revenue; class II, from \$10 million to \$50 million; and class III, less than \$10 million.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability, see Appendix III.

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

NO. 1057. OPERATING REVENUES, BY TYPE OF TRANSPORT: 1950 TO 1979

[Excludes Alaska and Hawaii, except as noted. Except for air carriers and beginning 1977, oil pipelines, data cover carriers regulated by U.S. Interstate Commerce Commission. See also *Historical Statistics, Colonial Times to 1970*, series Q 23-35]

TYPE OF TRANSPORT	1950	1955	1960	1965	1970	1975	1978	1977	1978	1979
REVENUES (mil. dol.)										
Railroads ^{1,2} (class I, II).....	9,924	10,590	9,955	10,738	12,511	17,400	19,630	21,300	22,600	25,700
Domestic certificated route air carriers ³	558	1,215	2,129	3,609	7,131	11,911	13,789	15,690	17,943	21,337
International certificated route air carriers ³	260	398	685	1,211	1,913	3,063	3,316	3,774	4,332	5,191
Charter air carriers ³	42	77	83	141	337	433	417	516	530	562
Motor carriers of property ^{2,4}	3,737	5,535	7,214	10,068	14,585	22,000	26,000	31,000	36,000	41,000
Motor carriers of passengers ^{2,4}	539	552	667	885	1,062	1,360	1,387	1,410	1,480	1,627
Oil pipelines, interstate ⁵	442	678	770	904	1,188	1,874	2,137	2,792	4,907	(NA)
Waterlines ⁶	330	452	427	426	502	946	1,035	925	944	(NA)
Electric railways.....	79	60	23	13	11	14	13	14	14	(NA)
INDEX (1967=100)										
Railroads ^{1,2} (class I, II).....	91	98	92	99	115	160	181	196	208	236
Domestic certificated route air carriers ³	11	25	44	74	146	244	282	321	367	436
International certificated route air carriers ³	15	22	39	68	108	173	187	213	245	293
Charter air carriers ³	16	30	32	54	130	167	161	199	203	217
Motor carriers of property ^{2,4}	33	49	64	89	129	195	230	274	318	363
Motor carriers of passengers ^{2,4}	57	58	71	94	112	144	147	149	157	172
Oil pipelines, interstate ⁵	44	68	77	91	119	188	215	281	493	(NA)

¹ Includes Pullman (for 1950 to 1965), line-haul, and switching and terminal companies. ² Beginning 1980, includes Alaska and Hawaii. ³ Source: U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation*, annual. Revenues for passenger/cargo operations. For certificated route air carriers, see also headnote, table 1123. Charter air carriers (see table 1128) cover domestic and international. ⁴ Class I, II, and III. ⁵ Beginning 1960, includes operations in Alaska. ⁶ Domestic (inland and coastal) traffic only.

Source: Except as noted, U.S. Interstate Commerce Commission, *Annual Report; Statistics of Class I, II, and III Motor Carriers, 1939-1956* (Statement No. 589); *Transport Economics*, quarterly 1974-1979 (discontinued in 1979); and unpublished data.

**No. 1058. PASSENGER AND FREIGHT TRANSPORTATION OUTLAYS, BY TYPE OF TRANSPORT:
1960 TO 1979**

(In billions of dollars. Freight data include outlays for mail and express. ICC=Interstate Commerce Commission)

TYPE OF TRANSPORT	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total outlays¹	104.0	141.1	194.7	216.8	224.5	270.8	290.8	310.5	358.1	409.5	455.3	507.7
Passenger, total	58.1	81.4	111.8	128.9	142.4	158.8	169.0	185.7	215.7	245.1	273.4	305.4
Private transportation	51.2	72.5	97.3	113.1	124.9	138.0	147.3	160.0	187.7	213.2	237.8	264.8
Automobiles ²	50.0	70.0	92.3	107.1	117.9	129.8	137.8	148.6	174.9	199.2	220.3	245.9
New and used cars	20.2	30.4	32.7	42.0	47.0	51.4	44.2	48.0	62.9	74.2	82.2	78.4
Tires, tubes, accessories	2.8	3.6	5.4	6.0	8.7	7.5	8.1	8.8	9.8	11.2	12.3	14.1
Gasoline and oil	14.4	19.6	28.3	31.2	33.2	37.1	48.5	52.7	67.2	82.3	67.9	68.0
Insurance less claims	2.3	2.8	4.3	5.6	8.2	6.0	5.8	4.4	5.2	8.7	10.1	11.1
Interest on debt	2.8	3.5	4.7	4.8	5.6	6.5	7.3	7.5	7.8	8.6	9.0	9.9
Registration and operator's permit fees	1.0	1.3	1.9	2.0	2.1	2.2	2.3	2.3	2.7	2.8	3.0	3.2
Repair, greasing, washing, parking, tolls	6.5	8.7	14.0	15.6	17.3	19.1	21.6	24.9	28.2	31.5	35.8	41.2
Small truck ⁴	.3	1.1	2.4	2.9	3.5	4.0	5.1	6.6	7.7	8.7	11.9	12.3
Air	.9	1.4	2.6	3.1	3.5	4.1	4.4	4.7	5.2	5.2	5.8	6.6
Aircraft	.2	.3	.4	.3	.6	.8	.8	1.0	1.2	1.5	1.7	2.1
Operating costs	.7	1.0	2.3	2.9	3.0	3.3	3.6	3.8	4.0	3.7	4.1	4.5
For-hire transportation	6.9	8.9	14.5	15.7	17.4	18.8	21.7	25.7	28.0	31.9	35.6	40.6
Local ⁵	2.8	3.2	4.6	4.9	5.2	5.5	6.1	9.1	9.1	10.2	11.4	12.4
Bus and transit ⁶	1.3	1.5	1.8	1.9	2.0	2.2	2.4	4.9	4.5	5.3	6.2	6.9
School bus	.5	.7	1.2	1.4	1.5	1.6	1.9	2.2	2.4	2.5	2.7	2.9
Taxi	.9	.9	1.4	1.5	1.5	1.5	1.6	1.8	2.0	2.2	2.2	2.3
Intercity ⁷	3.3	4.4	7.7	8.4	9.4	10.4	12.3	12.9	14.9	17.2	18.6	23.0
Air	2.1	3.3	6.6	7.3	8.2	9.1	10.9	11.2	13.0	14.9	17.1	20.2
Rail ⁸	.6	.5	.3	.3	.5	.4	.5	.6	.9	1.2	1.3	1.4
Bus	.8	.6	.8	.8	.8	.9	1.0	1.0	1.1	1.1	1.2	1.4
International	.9	1.3	2.2	2.4	2.6	2.9	3.3	3.7	4.0	4.5	4.7	5.2
Freight, total	46.8	61.1	83.8	93.4	103.9	117.5	123.8	124.7	143.8	164.4	186.7	208.3
Highway ⁹	31.5	43.8	62.5	70.9	80.2	90.5	92.7	93.9	108.5	125.3	141.4	155.4
Truck, intercity	18.0	23.6	35.6	37.5	40.0	44.6	48.6	47.4	56.2	67.4	79.6	90.2
ICC regulated	7.2	10.1	14.6	16.7	18.7	20.8	22.7	22.0	26.0	31.0	36.5	41.2
Non-ICC regulated	10.7	13.6	19.0	20.8	21.3	23.8	26.1	25.4	30.2	36.4	43.1	49.0
Truck, local ⁴	13.5	20.1	28.8	33.3	40.1	45.7	43.9	46.5	52.3	57.9	61.8	65.2
Rail	9.0	9.9	11.9	12.7	13.1	14.8	17.0	16.5	19.2	20.5	21.9	26.6
Water	3.3	3.8	5.1	5.2	5.6	6.6	6.0	7.9	8.9	10.3	12.4	13.5
Oil pipeline	.9	1.1	1.4	1.5	1.6	1.7	1.9	2.2	2.5	3.2	5.5	6.0

¹Total outlays adjusted to include Federal Government expenditures for public facilities (airways, airports, highways, ground transportation research and development programs, and Urban Mass Transportation Administration programs) and State government expenditures for highways not otherwise included in other items shown, less transport user charges. Estimated freight costs included in costs of new cars, gasoline, oil, tires, and tubes excluded to prevent duplication. ²Includes business-owned vehicles. ³Includes storage and rental. ⁴Small trucks used predominantly for personal transportation included under "passenger". ⁵Includes items not shown separately. ⁶Includes Federal, State and local government operating subsidies and capital grants. ⁷Includes Federal operating subsidies and capital grants for Amtrak.

Source: Transportation Association of America, Washington, D.C., *Transportation Facts and Trends*, quarterly. (Copyright.)

No. 1059. PERSONAL CONSUMPTION EXPENDITURES FOR TRANSPORTATION: 1960 TO 1979

(In billions of dollars; except percent. Represents market value of purchases of goods and services by individuals and nonprofit institutions)

TYPE OF PRODUCT OR SERVICE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total transportation expenditures	42.4	58.4	80.6	114.6	117.9	129.4	155.2	178.5	198.0	221.1
Percent of total personal consumption ¹	13.1	13.6	13.0	14.1	13.3	13.2	14.3	14.8	14.7	14.6
User-operated transportation	39.1	54.5	74.3	108.4	108.8	119.7	144.1	166.1	184.5	205.8
New autos	14.0	21.4	21.9	33.9	27.0	29.3	38.1	44.5	48.3	49.4
Net purchases of used autos	2.6	3.9	5.3	7.3	7.8	8.9	11.9	13.4	15.1	15.9
Other motor vehicles	.6	1.3	2.9	6.9	6.0	7.1	10.9	13.8	16.2	13.3
Tires, tubes, accessories, other parts	2.5	3.4	6.1	8.9	9.6	10.5	11.7	13.4	14.7	16.9
Repair, greasing, washing, parking ²	5.1	6.9	11.2	14.7	15.9	18.8	21.3	23.9	27.9	32.2
Gasoline and oil	12.0	14.7	22.4	28.6	36.6	40.4	44.0	48.2	52.7	68.4
Bridge, tunnel, ferry, road tolls	.3	.5	.7	.8	.8	.8	.9	.9	1.0	1.0
Insurance premiums less claims paid	2.0	2.4	3.8	5.2	5.1	3.9	5.4	8.1	8.7	8.8
Purchased local transportation ³	2.0	2.1	3.0	3.5	3.7	4.0	4.4	4.7	4.9	5.2
Transit systems	1.3	1.3	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.5
Taxicab	.8	.8	1.2	1.6	1.6	1.9	2.1	2.2	2.4	2.5
Purchased intercity transportation	1.3	1.9	3.4	4.7	5.5	5.7	6.7	7.7	8.6	10.0
Airline	.7	1.2	2.5	3.5	4.1	4.4	5.3	6.1	6.9	8.1
Bus	.3	.4	.5	.6	.7	.7	.7	.7	.7	.9
Railway and other ⁴	.3	.3	.4	.5	.7	.7	.8	.8	.9	1.1

¹See table 708. ²Includes rental and storage. ³Includes railway commutation. ⁴Railway excludes commutation; "other" consists of baggage charges, coastal and inland waterway fares, and travel agents' fees.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76, and 1976-79*.

NO. 1060. FEDERAL OUTLAYS FOR TRANSPORTATION, BY FUNCTION: 1970 TO 1981

[For years ending June 30 except, beginning 1977, ending Sept. 30. 1981 estimated]

FUNCTION	TOTAL OUTLAYS (mil. dol.)							PERCENT DISTRIBUTION		
	1970	1975	1977	1978	1979	1980	1981 ¹	1970	1975	1981 ¹
Total outlays ²	7,006	10,388	14,636	15,444	17,459	21,120	24,054	100.0	100.0	100.0
Ground transportation.....	4,678	6,501	10,037	10,355	12,064	15,079	17,112	66.8	62.6	71.1
Highway construction ³	(NA)	4,821	5,719	5,640	6,759	8,397	7,667	(NA)	46.4	31.9
Highway safety.....	(NA)	150	583	644	733	1,126	1,354	(NA)	1.4	5.6
Mass transit.....	(NA)	929	2,000	2,177	2,542	3,307	3,705	(NA)	8.9	15.4
Railroads.....	(NA)	555	1,676	1,829	1,962	2,170	4,301	(NA)	5.3	17.9
Regulation.....	(NA)	46	59	65	67	79	85	(NA)	.4	.4
Air transportation.....	1,422	2,408	2,816	3,277	3,392	3,762	3,951	20.3	23.2	16.4
Airways and airports.....	(NA)	2,029	2,369	2,778	2,850	3,136	3,280	(NA)	19.5	13.6
Aeron. research and technology.....	(NA)	316	344	398	443	509	542	(NA)	3.0	2.3
Air carrier subsidies.....	(NA)	64	80	77	72	89	118	(NA)	.6	.5
Regulation.....	(NA)	(NA)	23	25	27	28	30	(NA)	(NA)	.1
Water transportation.....	913	1,459	1,749	1,854	1,977	2,235	2,939	13.0	14.0	12.2
Marine safety and transportation.....	(NA)	922	1,149	1,273	1,424	1,613	1,928	(NA)	8.8	8.0
Ocean shipping.....	(NA)	537	591	571	543	611	1,000	(NA)	5.2	4.2
Regulation.....	(NA)	(NA)	8	9	10	11	12	(NA)	(NA)	(Z)
Other.....	26	74	76	61	93	104	112	.3	.7	.5

NA Not available. Z Less than .05 percent. ¹ Based on January budget estimates. See table 415, footnote 7.² Total reflects deductions for offsetting receipts. ³ Includes improvement.Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

NO. 1061. 50 LARGEST TRANSPORTATION COMPANIES—REVENUES AND ASSETS, BY RANK OF OPERATING REVENUES: 1960 TO 1980

[In billions of dollars, except percent. Revenues include nontransportation activities; assets as of end of companies' fiscal years. Companies listed derive more than 50 percent of their operating revenues from the transport of passengers and/or freight (e.g., railroads, airlines, motor carriers, pipelines); excludes companies primarily engaged in freight forwarding, express shipping, or vehicle rental]

OPERATING REVENUE GROUP	REVENUES						ASSETS					
	1960	1970	1975	1978	1979	1980	1960	1970	1975	1978	1979	1980
50 largest, total.....	11.8	23.0	38.6	56.0	63.0	76.6	30.7	46.4	53.1	71.3	73.4	84.6
Lowest ten.....	.7	1.0	1.7	2.7	3.1	3.4	1.3	1.8	2.3	2.4	2.0	2.4
Second ten.....	1.1	1.4	3.0	4.6	5.0	5.7	1.9	1.7	3.0	6.1	5.1	5.9
Third ten.....	1.8	2.5	4.6	7.3	8.5	9.9	5.5	3.8	5.3	14.8	9.2	10.4
Fourth ten.....	2.7	5.6	10.5	13.8	15.4	17.3	7.6	12.7	18.1	18.1	21.4	23.2
Highest ten.....	5.5	12.6	18.8	27.6	31.0	40.3	14.4	26.4	24.5	29.9	35.8	42.6
Percent, total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lowest ten.....	6.1	4.4	4.4	4.8	4.9	4.4	4.2	3.8	4.3	3.4	2.7	2.9
Second ten.....	9.4	5.9	7.8	8.2	8.0	7.4	6.2	3.6	5.6	8.5	6.9	7.0
Third ten.....	15.1	10.8	11.9	13.0	13.5	13.0	18.1	8.3	10.0	20.6	12.5	12.3
Fourth ten.....	23.0	24.1	27.2	24.6	24.5	22.5	24.7	27.4	34.1	25.4	29.1	27.4
Highest ten.....	46.3	54.8	48.7	49.3	49.1	52.6	46.8	56.9	46.1	41.9	48.8	50.4

Source: Time, Inc., New York, N.Y.; adapted from *The Fortune Directory*, July issues. (Copyright.)

NO. 1062. EMPLOYMENT IN TRANSPORTATION, BY TYPE OF TRANSPORT: 1965 TO 1980

[Annual averages of monthly figures. Based on Current Employment Statistics Program; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Q 36-42]

TYPE OF TRANSPORT	NUMBER (1,000)								PERCENT			
	1965	1970	1975	1976	1977	1978	1979	1980	1965	1970	1975	1980
Total.....	2,532	2,684	2,636	2,680	2,782	2,907	3,022	2,962	100.0	100.0	100.0	100.0
Trucking ¹	882	999	1,024	1,068	1,132	1,212	1,249	1,187	34.9	37.2	38.8	40.1
Public warehousing.....	82	84	84	81	88	91	89	89	3.2	3.1	3.2	2.9
Railroads.....	735	634	548	538	545	539	556	536	29.0	23.6	20.8	18.1
Class I railroads ²	640	566	498	494	502	490	503	482	25.3	21.1	18.9	16.3
Airlines ³	229	352	363	374	386	408	438	455	9.0	13.1	13.8	15.4
Local and interurban passengers.....	269	269	270	264	262	258	263	266	10.6	10.0	10.2	9.0
Waterlines ⁴	230	213	195	195	196	209	216	212	9.1	8.0	7.4	7.2
Pipelines ⁴	20	18	18	18	19	20	20	21	.8	.7	.7	.7
Transportation services.....	85	115	134	142	156	170	189	196	3.4	4.3	5.1	6.6

¹ Includes terminals.² See text, p. 610.³ Covers establishments engaged in domestic and/or international service.⁴ Oil and other commodities, except natural gas.Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 1063. VOLUME OF DOMESTIC INTERCITY FREIGHT AND PASSENGER TRAFFIC, BY TYPE OF TRANSPORT: 1950 TO 1979

[Prior to 1960, excludes Alaska and Hawaii, except as noted. A ton-mile is the movement of 1 ton (2,000 pounds) of freight for the distance of 1 mile. A passenger mile is the movement of 1 passenger for the distance of 1 mile. Comprises public and private traffic, both revenue and nonrevenue. See also *Historical Statistics, Colonial Times to 1970*, series Q1-22]

TYPE OF TRANSPORT	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
FREIGHT TRAFFIC												
BILLIONS OF TON-MILES												
Total.....	1,094	1,298	1,330	1,651	1,936	2,232	2,212	2,066	2,202	2,307	2,436	2,585
Railroads ¹	628	855	595	721	771	858	852	759	800	834	868	927
Motor vehicles.....	173	223	285	359	412	505	495	454	510	555	602	628
Inland waterways ²	163	217	220	262	319	358	355	342	373	368	375	420
Oil pipelines.....	129	203	229	306	431	507	506	507	515	546	586	605
Domestic airways ^{3 4}	.3	.6	.8	1.9	3.3	3.9	3.9	3.7	3.9	4.2	4.6	5.0
PERCENT DISTRIBUTION												
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Railroads ¹	57.44	50.43	44.73	43.67	39.83	38.51	38.52	36.74	36.33	36.15	35.63	35.86
Motor vehicles.....	15.80	17.20	21.46	21.76	21.28	22.66	22.38	21.97	23.16	24.05	24.71	24.29
Inland waterways ²	14.93	16.68	16.56	15.89	16.46	16.08	16.05	16.55	16.94	15.95	15.39	16.25
Oil pipelines.....	11.81	15.66	17.19	18.56	22.25	22.75	22.87	24.54	23.38	23.67	24.06	23.40
Domestic airways ^{3 4}	.03	.04	.06	.12	.17	.18	.18	.19	.18	.18	.19	.19
PASSENGER TRAFFIC												
BILLIONS OF PASSENGER-MILES												
Total.....	508	716	784	920	1,185	1,356	1,331	1,352	1,440	1,450	1,542	1,543
Private automobiles.....	438	637	706	818	1,026	1,174	1,143	1,164	1,236	1,234	1,298	1,287
Domestic airways ^{3 5}	10	23	34	58	119	143	146	148	165	176	204	213
Bus ⁶	26	25	19	24	25	26	28	26	25	26	25	27
Railroads ¹	32	29	22	18	11	9	10	10	10	10	11	12
Inland waterways ²	1.2	1.7	2.7	3.1	4.0	4.0	4.1	4.0	4.0	4.0	4.0	4.0
PERCENT DISTRIBUTION												
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Private automobiles.....	86.20	89.01	90.10	88.86	86.60	86.68	85.88	86.09	85.89	85.10	84.18	83.41
Domestic airways ^{3 5}	1.98	3.18	4.33	6.31	10.01	10.55	10.97	10.95	11.46	12.14	13.23	13.80
Bus ⁶	5.20	3.56	2.47	2.68	2.14	1.92	2.10	1.92	1.74	1.79	1.62	1.75
Railroads ¹	6.39	4.01	2.75	1.81	.92	.67	.75	.74	.69	.69	.71	.78
Inland waterways ²	.23	.24	.34	.34	.34	.29	.30	.30	.28	.28	.26	.26

¹ Includes electric railways. Beginning 1970, freight traffic excludes mail and express. ² Includes Great Lakes. Freight traffic includes Alaska for all years and Hawaii beginning 1960. ³ Revenue service only for certificated route and charter carriers. ⁴ Includes express, mail, and excess baggage. ⁵ Includes private pleasure and business flying. ⁶ Excludes school bus.

Source: U.S. Interstate Commerce Commission, *Annual Report, Intercity Ton-Miles, 1939-1959* (Statement No. 6103); *Transport Economics*, quarterly (discontinued in 1979); and unpublished data.

NO. 1064. VOLUME OF COMMODITY SHIPMENTS BY MANUFACTURING ESTABLISHMENTS: 1977

[Based on a sample survey of 19,500 manufacturing establishments]

MEANS OF TRANSPORT AND COMMODITY	Value of shipments (bil. dol.)	Tons (mil.)	Ton-miles (mil.)	COMMODITY	Value of shipments (bil. dol.)	Tons (mil.)	Ton-miles (mil.)
All commodities.....	1,343	3,312	758,984	Pulp, paper, and allied products.....	52	108	42,935
Rail.....	229	548	270,446	Printed matter.....	50	25	4,677
Motor carrier.....	570	691	183,322	Chemicals and allied products.....	116	323	106,348
Private truck.....	316	1,200	95,120	Petroleum and coal products.....	100	998	220,056
Air.....	31	1	1,405	Rubber and misc. plastics.....	38	19	9,387
Water.....	35	293	135,638	Leather and leather products.....	8	2	730
Pipeline.....	50	465	69,303	Stone, clay, glass, and concrete.....	37	653	49,211
Parcel delivery.....	42	3	1,497	Primary metal products.....	103	184	49,126
Other and unknown.....	70	111	2,253	Fabricated metal products.....	83	61	19,323
Food and kindred products.....	192	427	128,129	Machinery, ex. electrical.....	123	26	12,127
Tobacco products.....	9	2	852	Electrical machinery.....	92	16	8,605
Textile mill products.....	35	14	5,036	Transportation equipment.....	159	59	29,341
Apparel, finished textile products.....	46	6	2,380	Motor vehicles and equipment.....	114	51	26,075
Lumber and wood products.....	39	357	57,967	Instruments and related products.....	25	2	1,663
Furniture and fixtures.....	17	8	4,045	Miscellaneous products.....	20	5	2,590

¹ Data for commodities will not add to the total because of independent rounding of those items.

Source: U.S. Bureau of the Census, *Census of Transportation: 1977, Commodity Transportation Survey, TC77-CS*.

NO. 1065. TRANSPORTATION ACCIDENTS, AND RESULTING DEATHS AND INJURIES, BY TYPE OF TRANSPORT: 1970 TO 1980

[Data for waterborne carriers are for years ending June 30 except, beginning 1977, ending Sept. 30; all other data for calendar year. For motor vehicle data, see also tables 1081-1083; for railroad data, see also tables 1109 and 1112; for air carrier and general aviation data, see tables 1123 and 1128]

YEAR AND CASUALTY	Total (1,000)	TYPE OF TRANSPORT								Hazardous materials ²
		Motor vehicle ¹ (1,000)	Railroad ²	Air carrier ³	General aviation	Recreational boating ⁴	Gas pipelines ⁵	Liquid pipelines ⁶	Waterborne ⁷	
Accidents:										(NA)
1970.....	16,021	16,000	8,095	55	4,712	3,803	1,304	347	2,582	10,775
1975.....	16,524	16,500	8,041	45	4,237	6,308	1,425	257	3,305	11,898
1976.....	16,827	16,800	10,248	28	4,193	7,199	1,351	212	4,211	15,854
1977.....	17,627	17,600	10,362	26	4,286	6,815	1,698	237	4,268	18,022
1978.....	18,328	18,300	11,277	25	4,608	6,529	1,508	278	4,665	17,524
1979.....	18,226	18,200	9,740	32	4,051	5,368	1,880	241	4,367	16,115
1980.....	18,124	18,100	8,451	20	3,799	5,513	1,996	219		
Deaths:										(NA)
1970.....	56.5	52.6	785	146	1,310	1,418	38	4	178	27
1975.....	48.2	44.5	575	124	1,345	1,466	23	7	190	18
1976.....	50.0	45.5	510	45	1,320	1,264	68	5	269	3
1977.....	52.1	47.9	534	655	1,436	1,312	37	3	216	46
1978.....	54.1	50.3	582	163	1,548	1,321	37	3	179	18
1979.....	55.0	51.1	546	355	1,382	1,400	45	4	192	19
1980.....	55.2	51.7	584	14	1,375	1,360	11	3		
Injuries:										(NA)
1970.....	2,025	2,000	21,327	274	1,894	780	347	21	105	655
1975.....	1,859	1,800	54,306	194	1,829	2,136	819	17	74	820
1976.....	1,870	1,800	65,331	230	1,816	1,838	340	4	153	750
1977.....	1,972	1,900	67,867	218	1,921	1,779	443	15	186	1,132
1978.....	2,077	2,000	72,545	311	1,847	1,761	452	9	119	941
1979.....	2,077	2,000	72,255	311	1,762	2,463	57	8	118	619
1980.....	(NA)	2,000	60,549	(NA)	(NA)	2,650	310	15	122	

NA Not available. ¹ Data on deaths are from U.S. National Highway Traffic Safety Administration and are based on 30 day definition; see table 1081. Other data are from National Safety Council. ² Number of accidents covers only those accidents which result in damages to railroad property exceeding amounts specified by the U.S. Federal Railroad Administration. The reporting threshold was raised from \$750 to \$1,750 in 1975 to \$2,300 in 1977 and to \$2,900 in 1979. Deaths exclude fatalities in railroad-highway grade crossing accidents. ³ Covers certificated route and charter air carriers, commercial operators of large aircraft (beginning 1975), and deregulated carriers (beginning 1979). ⁴ Accidents are required to be reported to U.S. Coast Guard whenever they result in a death; a person's losing consciousness or receiving medical treatment or being disabled for more than 24 hours; damages exceeding \$100; or a person's disappearance. ⁵ Accidents as reported on incident/accident reports filed during reporting year. Fatalities and injuries as reported in annual report. ⁶ Pipelines carrying hazardous materials; petroleum, and liquid petroleum products. ⁷ Covers accidents involving commercial vessels which must be reported to U.S. Coast Guard if there is property damage exceeding \$1,500; material damage affecting the sea-worthiness or efficiency of a vessel; stranding or grounding; loss of life; or injury causing a person's incapacity for more than 3 days. ⁸ Accidents, deaths, and injuries involving hazardous materials cover all types of transport.

Source: U.S. Transportation Systems Center, Cambridge, Mass., *Transportation Safety Information Report*, annual.

NO. 1066. RURAL AND MUNICIPAL HIGHWAY MILEAGE, BY GOVERNMENTAL CONTROL: 1950 TO 1979

[In thousands, except percent. As of Dec. 31. Prior to 1960, excludes Alaska and Hawaii. Municipal roads are those within incorporated places, densely populated New England towns, and certain of the more populous unincorporated areas. All other roads are classed as rural. For definition of surfaced roads, see footnote 1, table 1067. See also *Historical Statistics, Colonial Times to 1970*, series Q 50, 51, and 55]

MILEAGE AND CONTROL	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total mileage.....	3,313	3,418	3,546	3,690	3,730	3,807	3,816	3,838	3,857	3,867	3,885	3,918
Rural mileage.....	2,990	3,045	3,116	3,183	3,169	3,178	3,178	3,199	3,209	3,180	3,180	3,224
Percent surfaced.....	56.2	63.8	69.5	72.3	76.1	76.7	77.2	77.6	78.2	78.6	79.4	77.5
Under State control.....	580	620	659	687	707	711	706	711	711	702	704	697
Under local control.....	2,336	2,333	2,345	2,346	2,275	2,249	2,248	2,261	2,264	2,235	2,254	2,281
Under Federal control.....	73	93	112	150	188	216	224	227	234	242	232	244
Municipal mileage.....	323	373	430	506	561	631	638	639	648	687	694	694
Under State control.....	36	42	50	65	74	82	84	84	87	86	87	85
Under local control.....	287	331	379	442	487	550	554	555	561	600	607	607
Federal-aid highway system:¹												
Primary.....	234	235	265	269	272	268	268	266	307	310	301	303
Interstate.....	(x)	(x)	10	21	32	35	36	37	38	39	42	43
Urban.....	(x)	(x)	(x)	(x)	(x)	17	37	65	124	131	128	124
Secondary.....	410	514	601	640	647	655	651	643	392	400	396	397

X Not applicable. ¹ Beginning 1976, data by system not comparable with prior years due to changes in classification.

² Highway mileage open to traffic.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

NO. 1067. RURAL AND MUNICIPAL HIGHWAY MILEAGE, 1970 TO 1979, AND FEDERAL AID HIGHWAY MILEAGE, 1979—STATES

(As of Dec. 31. For definition of municipal and rural roads, see headnote, table 1066. Compiled for latest available year from reports of State authorities and planning survey data. A State's total mileage may decrease because of abandonment of roads and elimination of curves, circuitous routes, and natural obstacles)

STATE	1970, total (1,000)	1975, total (1,000)	1978, total (1,000)	1979								
				Total (1,000)	Municipal (1,000)	Rural			Federal-aid highway system			
						Total (1,000)	Percent		Primary		Urban	Secondary
							Sur- faced ¹	Under local control	Total	Inter- state ²		
U.S.	3,730.1	3,838.1	3,885.5	3,917.8	694.3	3,223.8	77.5	70.8	303,491	42,899	124,099	397,242
Alabama	78.9	86.5	87.0	87.1	19.7	67.5	95.2	83.8	7,711	889	2,134	10,883
Alaska	7.3	9.9	^a 9.9	9.9	1.7	8.3	58.8	21.3	2,048	-	110	1,944
Arizona	42.7	51.6	57.5	60.7	9.7	51.1	42.8	50.9	4,596	1,179	1,509	3,589
Arkansas	78.9	77.8	74.2	74.7	10.9	63.8	87.3	75.3	5,733	531	887	8,221
California	164.1	171.1	176.3	177.8	52.4	125.4	66.0	57.0	13,507	2,407	15,484	10,716
Colorado	82.3	85.6	87.3	88.4	9.8	78.6	67.2	87.7	5,202	939	201	3,462
Connecticut	16.4	18.9	^a 19.1	19.3	13.8	5.5	99.4	73.8	1,574	337	2,777	295
Delaware	4.9	5.2	^a 5.2	5.1	1.0	4.4	99.8	-	465	41	271	632
District of Columbia	1.1	1.1	^a 1.1	1.1	1.1	(X)	(X)	(X)	92	22	317	-
Florida	89.5	101.5	97.1	96.3	28.9	67.4	68.5	84.2	8,854	1,506	4,992	4,602
Georgia	100.0	101.5	103.0	104.0	16.4	87.6	71.7	81.8	11,850	1,279	2,880	14,115
Hawaii	3.5	3.8	3.9	3.9	1.1	2.8	99.4	64.6	558	48	189	413
Idaho	58.0	57.5	64.0	66.5	3.7	62.9	50.3	40.0	3,230	513	457	4,034
Illinois	129.9	131.5	133.2	134.2	31.3	102.9	94.5	86.4	11,392	1,734	6,042	12,792
Indiana	91.0	91.2	90.9	91.1	16.4	74.6	99.2	86.6	6,484	1,102	2,403	10,622
Iowa	112.1	112.4	112.1	111.9	13.2	98.7	94.7	90.7	9,638	800	2,196	13,288
Kansas	134.0	134.7	134.9	135.0	12.0	123.0	75.4	91.8	8,808	800	1,378	22,514
Kentucky	69.1	70.1	68.8	69.0	6.3	62.7	93.4	61.2	4,600	741	1,749	7,244
Louisiana	52.8	54.7	55.4	55.8	10.5	45.3	95.7	86.9	3,914	861	1,399	7,428
Maine	21.4	21.6	21.8	22.2	3.0	19.2	94.1	42.3	2,311	314	643	2,749
Maryland	26.3	25.9	27.0	27.2	4.4	22.7	99.8	74.4	2,708	411	2,041	2,054
Massachusetts	29.1	32.8	33.6	33.6	27.2	6.4	97.4	86.5	2,730	512	5,625	2,109
Michigan	114.7	118.8	119.4	120.1	20.3	99.8	60.1	88.7	9,899	1,175	4,993	17,134
Minnesota	127.7	128.4	127.9	129.2	20.0	109.1	90.9	88.3	10,105	859	1,732	16,303
Mississippi	66.8	67.5	68.5	69.6	8.2	61.4	98.0	83.5	6,521	680	1,415	11,549
Missouri	115.3	117.0	117.6	117.9	18.3	99.6	94.8	69.4	7,908	1,124	2,149	18,110
Montana	78.3	78.2	77.9	77.2	3.0	74.2	62.7	77.3	6,680	1,194	327	4,704
Nebraska	100.4	97.1	96.7	96.5	7.3	89.1	82.6	68.5	7,792	485	917	11,349
Nevada	49.7	49.7	49.9	49.9	1.9	48.1	31.2	69.8	2,389	544	338	2,375
New Hampshire	14.8	15.3	15.6	15.7	5.4	10.2	81.7	69.7	1,365	226	582	1,263
New Jersey	32.1	33.0	^a 33.1	33.4	19.8	13.6	95.4	87.9	1,786	375	5,101	1,881
New Mexico	67.3	70.6	72.0	72.0	5.5	66.5	16.0	71.3	5,252	1,000	619	3,259
New York	105.8	108.6	109.0	109.3	43.1	66.2	95.4	81.5	9,799	1,442	7,905	6,311
North Carolina	86.0	90.8	91.9	92.3	16.3	76.0	91.4	-	5,414	859	1,558	10,294
North Dakota	106.9	106.0	107.1	106.3	3.6	102.8	66.8	92.2	6,173	577	319	10,352
Ohio	108.9	110.8	111.2	111.6	24.9	86.6	98.5	80.1	8,316	1,544	7,352	11,582
Oklahoma	107.9	109.4	109.7	109.8	16.7	93.1	76.8	87.4	6,223	812	2,119	8,427
Oregon	95.1	104.5	112.2	123.3	9.0	114.3	59.5	30.7	6,637	723	1,737	7,588
Pennsylvania	115.2	115.2	118.5	117.5	33.8	83.9	86.8	51.7	11,352	1,500	6,896	8,178
Rhode Island	5.3	5.5	^a 5.8	6.4	3.8	2.6	95.9	77.2	474	129	820	166
South Carolina	59.7	60.9	61.6	62.1	7.5	54.6	69.9	36.8	6,205	760	808	8,804
South Dakota	84.2	82.3	82.5	82.6	3.3	79.3	76.1	86.8	6,507	686	329	10,816
Tennessee	78.7	81.3	82.1	82.6	12.9	69.7	97.9	66.5	7,294	1,025	2,234	9,477
Texas	245.5	255.9	262.1	264.9	65.4	199.5	71.5	68.2	20,018	3,245	6,542	32,529
Utah	40.4	48.9	49.0	49.6	5.5	44.1	41.1	49.0	3,492	919	675	2,588
Vermont	14.5	13.9	^a 14.0	14.0	1.6	12.4	93.2	77.5	1,404	309	213	1,989
Virginia	61.1	62.8	64.8	65.1	10.6	54.5	96.5	1.8	6,396	1,061	2,834	10,363
Washington	75.1	84.3	83.9	84.2	10.7	73.6	84.0	55.7	5,692	658	4,543	7,099
West Virginia	35.5	37.0	37.5	37.5	3.8	33.8	76.2	-	2,898	477	779	6,313
Wisconsin	103.2	105.2	106.2	106.7	16.4	90.2	94.6	88.7	9,414	523	2,572	11,872
Wyoming	40.6	32.6	34.5	35.7	1.5	34.2	57.8	72.1	3,891	922	268	2,262

- Represents zero. X Not applicable. ¹Covers soil-surfaced roads and roads with slag, gravel, stone, bituminous, or concrete surfaces. ²Highway mileage open to traffic. ³1976 data. ⁴1977 data.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

NO. 1068. HIGHWAY MILEAGE OF RURAL ROADS: 1960 TO 1979

[In thousands. As of Dec. 31. For definition of rural roads, see headnote, table 1068. For definition of surfaced roads, see footnote 1, table 1067. See also *Historical Statistics, Colonial Times to 1970*, series Q 51-54]

ITEM	TOTAL RURAL MILEAGE					SURFACED RURAL				
	1960	1965	1970	1975	1979	1960	1965	1970	1975	1979
Total	3,116	3,183	3,169	3,199	3,224	2,165	2,302	2,411	2,483	2,498
Primary State highways.....	403	414	408	412	404	399	410	405	409	403
Secondary roads under State control.....	241	249	273	268	260	211	226	253	251	244
County roads.....	1,742	1,740	1,733	1,739	1,730	1,128	1,203	1,265	1,310	1,296
Other roads under local control.....	603	607	542	522	550	393	408	417	421	445
National and State parks, forests, etc.....	127	173	213	258	277	34	55	71	92	108

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual; and releases.

NO. 1069. HIGHWAY MILEAGE AND DAILY VEHICLE MILES OF TRAVEL (DVMT) BY TYPE OF ROAD: 1978

[Based on data from the Highway Performance Monitoring System]

TYPE	Mile- age (1,000)	DVMT (mil.)	PERCENT OF TOTAL		TYPE	Mile- age (1,000)	DVMT (mil.)	PERCENT OF TOTAL	
			Mile- age	DVMT				Mile- age	DVMT
Rural road systems ¹	3,231	1,881	100.0	100.0	Small urban—Con.				
Principal arterial.....	114	781	3.6	40.4	Minor arterial.....	17	75	10.8	20.5
Interstate.....	31	383	1.0	20.3	Collector.....	19	44	12.3	12.0
Other.....	82	378	2.6	20.1	Local.....	103	77	66.6	21.0
Minor arterial.....	150	363	4.6	19.3					
Local.....	2,233	241	69.1	12.8	Urbanized area road systems	449	2,039	100.0	100.0
Small urban road systems	154	366	100.0	100.0	Principal arterial.....	46	1,185	10.2	58.1
Principal arterial.....	16	170	10.3	46.4	Interstate.....	8	422	1.8	20.7
Interstate.....	1	25	.9	6.9	Other freeway, expressway.....	32	544	7.2	26.7
Other freeway, expressway.....	1	17	.8	4.6	Other.....	49	405	10.8	19.9
Other.....	13	128	8.6	34.9	Minor arterial.....	48	182	10.8	8.9
					Collector.....	306	268	68.2	13.1
					Local.....				

¹ Includes systems not shown separately.

Source: U.S. Dept. of Transportation, report to the U.S. Congress, "The Status of the Nation's Highways: Conditions and Performance," January, 1981. Also in U.S. Federal Highway Administration's *Highway Statistics*, annual.

NO. 1070. HIGHWAY MILEAGE—PAVEMENT CONDITION FOR URBAN AND RURAL AREAS, BY TYPE OF ROAD SYSTEM: 1970 TO 1978

[Highway pavement condition is classified by the Present Serviceability Rating (PSR) system, which ranges from a high of 5.0 for new or nearly new pavement to 0 for completely deteriorated pavement. A "poor" rating of below 2.5 for high-use, high-speed facilities (or below 2.0 for other highways) indicates that such facilities are at or beyond their design life and in need of some type of capital improvement; a "fair" rating of 2.0 or 2.5 to 3.5 indicates some degree of serviceability remains, but that some type of capital improvement will be needed in the near future; a "good" rating indicates that capital improvements will not be needed for some time]

PAVEMENT CONDITION	INTERSTATE ROAD SYSTEMS		ARTERIAL ROAD SYSTEMS			COLLECTOR ROAD SYSTEMS		
	1975	1978	1970	1975	1978	1970	1975	1978
URBAN AREAS								
Percent of road mileage rated—								
Poor (0 to 2.5).....	9	8	6	6	6	9	9	8
Fair (2 to 3.5).....	29	34	41	46	53	48	55	59
Good (3.5 to 5).....	68	58	53	48	41	43	36	34
RURAL AREAS								
Percent of road mileage rated—								
Poor (0 to 2.5).....	4	9	8	7	6	9	10	9
Fair (2 to 3.5).....	22	28	44	46	52	58	60	66
Good (3.5 to 5).....	74	63	48	47	42	33	30	25

¹ Rating for Interstate is 2.5.

Source: U.S. Dept. of Transportation, report to the U.S. Congress, "The Status of the Nation's Highways: Conditions and Performance," January, 1981. Also in U.S. Federal Highway Administration's *Highway Statistics*, annual.

NO. 1071. RECEIPTS AND DISBURSEMENTS FOR HIGHWAYS, BY TYPE: 1970 TO 1979

[In millions of dollars. Data compiled from reports of State and local authorities. For Federal highway trust fund receipts, disbursements, and balances, see table 427, State data include District of Columbia]

TYPE	1970			1975			1979		
	Total ¹	Federal	State	Total ¹	Federal	State	Total ¹	Federal	State
Total receipts	21,747	6,124	11,720	29,160	7,676	15,105	37,578	10,545	18,587
Current income.....	19,861	6,124	10,415	26,921	7,676	13,693	35,835	10,545	17,644
Imposts on highway users ²	15,311	5,295	9,688	18,578	5,699	12,397	22,782	7,054	15,125
Other taxes and fees.....	3,732	598	396	6,605	1,250	768	10,154	2,323	1,553
Investment income and other receipts.....	618	231	331	1,738	727	538	2,899	1,168	966
Bond issue proceeds ³	1,886	-	1,305	2,239	-	1,412	1,743	-	943
Intergovernmental payments ⁴	(X)	-4,750	+2,384	(X)	-6,595	+3,019	(X)	-9,211	+4,283
Funds drawn from (+) or placed in (-) reserves.....	-912	-943	+16	-461	-452	+66	-42	-360	+189
Total funds available.....	20,835	431	14,100	28,698	629	18,190	37,536	974	23,059
Total disbursements	20,935	431	14,100	28,699	629	18,190	37,536	974	23,059
Current disbursements.....	19,583	431	13,318	27,207	629	17,282	35,931	974	22,119
Capital outlay.....	11,575	262	9,327	14,596	327	11,011	17,485	574	13,180
Maint. and traffic services.....	4,720	46	1,957	7,286	99	2,987	10,881	131	4,528
Admin. and research.....	1,275	123	719	1,591	213	1,124	2,741	269	1,577
Law enforcement and safety.....	1,303	-	800	2,418	-	1,397	3,358	-	1,778
Interest on debt.....	710	-	505	1,129	-	823	1,465	-	1,056
Debt retirement ⁵	1,252	-	782	1,492	-	908	1,605	-	940

² Represents zero. X Not applicable.

¹ Includes other levels of government not shown separately.

³ Excludes amounts later allocated for nonhighway purposes.

⁴ Par value. Excludes issue and redemption of short-term notes or refunding bonds. Premiums and discounts on sale of bonds and accrued interest are included with investment income and other receipts. Redemption premiums and discounts are included with interest on debt.

⁵ Plus sign (+) indicates net receipt of funds from other levels of government; minus sign (-) indicates net disbursement of funds to other levels.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual; and releases.

NO. 1072. PUBLIC HIGHWAY DEBT—STATE AND LOCAL GOVERNMENTS: 1960 TO 1981

[In millions of dollars. Long-term obligations. State data are for calendar years; local data for varying fiscal years. Excludes duplicated and interunit obligations. Municipal debt includes other political subdivisions urban in character. See also *Historical Statistics, Colonial Times to 1970*, series Q 136-147]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980 ¹	1981 ²
Total debt issued ³	1,206	1,070	1,886	1,657	2,239	2,224	2,230	1,883	1,743	2,022	1,910
State.....	680	586	1,305	846	1,412	1,462	1,183	942	943	1,167	1,050
County and local rural.....	190	169	174	230	222	198	339	238	200	235	240
Municipal.....	336	315	407	581	605	564	708	703	600	620	620
Total debt redeemed ⁴	616	855	1,252	1,445	1,492	1,567	1,648	1,593	1,605	1,683	1,699
State.....	300	459	782	887	908	920	960	954	940	983	989
County and local rural.....	96	123	152	163	166	172	178	170	185	200	210
Municipal.....	220	273	318	395	418	475	510	469	480	500	500
Total debt outstanding	13,166	15,316	19,107	23,016	23,801	24,455	25,037	25,327	25,465	25,804	26,015
State.....	9,384	10,905	13,903	16,918	17,422	17,964	18,187	18,175	18,178	18,362	18,423
County and local rural.....	1,280	1,363	1,685	1,775	1,822	1,845	2,007	2,075	2,090	2,125	2,155
Municipal.....	2,502	3,048	3,519	4,323	4,557	4,645	4,843	5,072	5,197	5,317	5,437

¹ Preliminary. ² Estimated. ³ Excludes refunding issues. ⁴ Excludes redemptions by refunding.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual; and releases.

NO. 1073. HIGHWAY CONSTRUCTION—CONTRACTS AWARDED: 1960 TO 1980

[In millions of dollars. Covers contracts awarded and force-account work authorized by State agencies for highways, including Federal-State, Federal-State-Local, and State-Local cooperative work, and a small amount by the Federal government for National Park and Forest roads, etc. Work on local roads and streets is included only when contracted or performed by the State or when Federal funds are involved]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total	4,039	4,825	6,506	6,482	7,154	7,187	6,037	7,542	6,904	10,778	9,865
Federally aided contracts.....	3,174	3,921	4,915	4,598	5,257	5,967	5,030	6,169	6,881	8,667	7,880
Federal funds.....	2,292	3,001	3,657	3,379	4,222	4,824	4,004	4,968	5,504	7,122	6,427
Non-federally aided contracts.....	865	904	1,592	1,864	1,897	1,220	1,007	1,373	2,043	2,111	1,985
Toll facilities.....	226	49	49	146	13	11	35	21	13	84	(NA)

Source: U.S. Federal Highway Administration, *Monthly Highway Construction Contracts*.

Transportation—Land

NO. 1074. DESIGNATED FEDERAL-AID PROJECTS—TOTAL, 1960 TO 1978, AND BY STATES AND PUERTO RICO, 1978

[For years ending June 30 except, beginning 1977, ending Sept. 30. Projects comprise those financed from the Federal-aid primary, secondary, urban, rural, TOPICS (urban traffic operations program to increase capacity and safety), and interstate funds. See text, pp. 609 and 610. Cost data represent cumulative costs for projects completed during year shown and for projects still under construction at end of year shown. See also *Historical Statistics, Colonial Times to 1970*, series Q 65-68]

YEAR AND STATE	COMPLETED DURING YEAR			UNDER CONSTRUCTION			STATE OR OTHER AREA	COMPLETED DURING YEAR			UNDER CONSTRUCTION		
	Miles	Cost		Miles	Cost			Miles	Cost		Miles	Cost	
		Total (mil. dol.)	Percent Federal		Total (mil. dol.)	Percent Federal			Total (mil. dol.)	Percent Federal		Total (mil. dol.)	Percent Federal
1960.....	28,830	3,652	68.6	25,538	7,080	73.2	Mass.....	75	190	80.0	98	543	82.0
1965.....	16,783	4,563	74.3	25,883	12,228	78.4	Mich.....	427	199	76.4	702	632	79.7
1970.....	10,935	4,355	75.0	20,831	14,547	77.4	Minn.....	375	111	79.3	533	469	82.1
1974.....	8,081	4,433	75.1	14,186	17,900	77.9	Miss.....	63	36	77.8	405	327	77.1
1975.....	7,161	4,218	76.1	15,952	20,104	79.3	Mo.....	75	100	75.0	431	510	78.2
1976.....	8,381	5,140	77.0	17,156	20,753	80.4	Mont.....	312	99	85.9	474	239	81.6
1977.....	9,358	5,818	78.5	19,411	21,742	80.7	Nebr.....	352	54	75.9	432	98	72.4
1978, total.....	9,503	5,296	79.3	21,116	23,250	80.8	Nev.....	98	37	91.9	130	177	93.2
U.S.....	9,488	5,287	79.3	21,075	23,165	80.9	N.H.....	24	24	87.5	95	71	77.5
Ala.....	62	138	84.8	467	850	78.0	N.J.....	39	70	75.7	139	709	77.3
Alaska.....	184	43	95.3	336	200	95.0	N. Mex.....	40	30	83.3	191	226	87.6
Ariz.....	135	139	89.2	401	337	92.3	N.Y.....	228	275	72.4	510	1,207	79.5
Ark.....	74	42	78.6	176	185	77.3	N.C.....	121	142	83.8	419	614	77.0
Calif.....	522	118	82.2	2,207	1,832	85.6	N. Dak.....	423	46	76.1	913	120	75.8
Colo.....	176	79	83.5	115	299	86.0	Ohio.....	312	265	74.3	454	857	78.6
Conn.....	5	19	94.2	267	377	83.8	Okl.....	157	69	69.6	225	276	79.7
Del.....	11	20	85.0	21	58	75.9	Oreg.....	154	86	90.7	111	254	89.4
D.C.....	7	28	89.3	12	154	75.3	Pa.....	224	160	63.3	520	2,040	76.0
Fla.....	430	208	74.0	667	889	79.9	R.I.....	25	27	59.3	58	83	74.7
Ga.....	466	99	77.8	2,747	833	80.0	S.C.....	280	65	81.5	317	221	79.6
Hawaii.....	12	19	73.7	17	283	80.2	S. Dak.....	219	29	79.3	475	86	77.9
Idaho.....	172	100	87.0	137	80	87.5	Tenn.....	267	299	79.9	374	242	76.9
Ill.....	450	286	80.1	421	522	77.8	Tex.....	412	280	77.1	820	940	80.1
Ind.....	63	99	74.7	138	203	73.9	Utah.....	166	81	92.6	198	250	91.6
Iowa.....	492	91	73.6	533	247	78.9	Vt.....	123	35	88.6	128	41	78.0
Kans.....	193	66	75.8	488	293	79.9	Va.....	165	324	84.6	287	713	83.5
Ky.....	27	63	71.4	162	456	77.9	Wash.....	200	88	81.8	464	510	88.2
La.....	45	140	83.6	171	725	80.3	W. Va.....	20	107	85.0	81	643	86.0
Maine.....	64	22	81.8	156	105	81.9	Wis.....	325	67	74.6	901	301	75.7
Md.....	119	25	72.0	406	959	82.5	Wyo.....	78	28	85.7	145	79	88.6
							P. Rico.....	15	9	44.4	41	85	65.9

¹ Excludes highway planning and research work (1978, total: Completed, \$147 million total cost, \$100 million Federal funds; underway, \$323 million total cost, \$230 million Federal funds).

Source: U.S. Federal Highway Administration, *Federal Aid and Allied Highway Programs*, annual, and *Highway Statistics*, annual.

NO. 1075. FEDERAL-AID PAYMENTS TO STATE AND LOCAL GOVERNMENTS FOR HIGHWAY CONSTRUCTION—STATES AND PUERTO RICO: 1970 TO 1980

(In millions of dollars. For years ending June 30 except, beginning 1978, ending Sept. 30)

STATE	1970	1975	1979	1980	STATE	1970	1975	1979	1980	STATE OR OTHER AREA	1970	1975	1979	1980
Total.....	4,524	4,874	7,205	9,246	Ill.....	185	204	270	527	N.C.....	62	92	195	236
Highway trust fund.....	4,336	4,583	6,762	8,806	Ind.....	100	84	149	170	N. Dak.....	24	31	48	60
Other.....	188	291	444	440	Iowa.....	63	88	133	143	Ohio.....	243	208	259	260
U.S.....	4,520	4,860	7,179	9,204	Kans.....	50	68	99	151	Okl.....	56	57	81	108
Ala.....	82	95	192	182	Ky.....	96	98	194	172	Oreg.....	70	95	118	150
Alaska.....	40	80	78	105	La.....	110	113	125	169	Pa.....	238	267	119	249
Ariz.....	88	89	136	148	Maine.....	21	23	58	47	R.I.....	28	17	20	25
Ark.....	43	50	85	158	Md.....	66	122	162	246	S.C.....	35	47	99	96
Calif.....	503	350	451	502	Mass.....	94	72	124	172	S. Dak.....	39	36	45	136
Colo.....	57	78	127	151	Mich.....	160	174	193	263	Tenn.....	102	125	149	212
Conn.....	65	50	73	86	Minn.....	108	86	161	197	Tex.....	227	224	333	538
Del.....	10	13	26	35	Miss.....	57	58	73	87	Utah.....	71	54	67	125
D.C.....	32	13	11	9	Mo.....	106	122	203	223	Vt.....	28	25	24	33
Fla.....	69	186	263	418	Mont.....	62	45	84	133	Va.....	112	179	306	321
Ga.....	64	115	277	270	Nebr.....	38	58	56	78	Wash.....	93	113	202	273
Hawaii.....	33	43	56	66	Nev.....	35	26	67	89	W. Va.....	116	190	124	188
Idaho.....	37	42	50	64	N.H.....	21	26	37	38	Wis.....	42	47	155	184
					N.J.....	110	97	135	174	Wyo.....	38	33	45	54
					N. Mex.....	55	60	85	77	Undist.....	-	3	29	27
					N.Y.....	256	229	529	580	P. Rico.....	4	14	17	42

- Represents zero. ¹ Includes \$2 million in 1979, and \$7 million in 1980 for other U.S. outlying areas.

Source: U.S. Dept. of the Treasury, *Federal Aid to States*, annual.

No. 1076. DISBURSEMENTS OF STATE HIGHWAY FUNDS—TOTAL, 1975 TO 1979, AND BY PURPOSE, 1979, BY STATES

[In millions of dollars. Comprises disbursements from current revenues or loans for construction, maintenance, interest and principal payments on highway bonds, transfers to local units, and miscellaneous. Includes transactions by State toll authorities. Excludes amounts allocated for collection and nonhighway purposes, and bonds redeemed by refunding. See also *Historical Statistics, Colonial Times to 1970*, series Q 90-94]

STATE	1975, total	1978, total	Total ¹	1979		STATE	1975, total	1978, total	Total ¹	1979	
				Capital outlays ²	Maintenance ³					Capital outlays ²	Maintenance ³
U.S.	21,131	23,880	26,487	12,967	4,422	Mo.	448	527	589	311	137
Ala.	384	489	482	284	44	Mont.	123	155	198	131	24
Alaska	254	227	(NA)	(NA)	(NA)	Nebr.	210	227	(NA)	(NA)	(NA)
Ariz.	270	315	345	199	38	Nev.	85	118	132	80	21
Ark.	283	317	339	196	56	N.H.	92	125	161	82	42
Calif.	1,497	1,616	1,723	665	212	N.J.	510	561	607	192	145
Colo.	239	318	364	180	66	N. Mex.	142	254	197	83	63
Conn.	351	328	351	129	51	N.Y.	1,129	1,582	1,694	898	231
Del.	90	124	118	43	18	N.C.	541	662	755	376	178
D.C.	77	83	42	4	18	N. Dak.	97	120	137	62	18
Fla.	781	866	929	499	94	Ohio	877	976	1,025	404	154
Ga.	487	595	722	488	123	Okl.	290	347	408	172	67
Hawaii	105	105	129	84	10	Oreg.	318	325	391	184	57
Idaho	119	144	161	69	29	Pa.	1,485	1,247	1,235	278	426
Ill.	1,189	1,130	1,352	715	171	R.I.	52	58	68	25	17
Ind.	529	528	682	236	158	S.C.	255	277	306	160	74
Iowa	409	469	566	305	55	S. Dak.	98	119	150	83	32
Kans.	262	334	385	219	63	Tenn.	467	486	568	354	48
Ky.	515	670	869	494	136	Tex.	984	1,112	1,313	869	247
La.	545	549	594	363	76	Utah	125	146	205	138	25
Maine	117	154	169	76	57	Vt.	76	82	91	34	23
Md.	443	465	612	190	74	Va.	574	843	870	483	222
Mass.	415	358	554	211	61	Wash.	417	554	708	369	114
Mich.	794	834	985	326	105	W. Va.	417	523	614	328	147
Minn.	358	532	557	303	71	Wis.	371	413	452	224	62
Miss.	339	361	427	264	35	Wyo.	116	130	155	106	25

NA Not available. ¹Includes funds for administration and miscellaneous, highway law enforcement, bond interest, bond redemption, and county and local roads and streets. ²Outlays for roads and bridges. ³Includes traffic services.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1077. FEDERAL AND STATE GASOLINE TAX—STATES: 1970 TO 1980

[Cents per gallon. In effect Dec. 31. See also *Historical Statistics, Colonial Times to 1970*, series Q 233-234]

STATE	1970	1975	1980	STATE	1970	1975	1980	STATE	1970	1975	1980
Total	11.0	11.7	12.2	Iowa	7	7	10	N.C.	9	9	9
Federal	4.0	4.0	4.0	Kans.	7	7	8	N. Dak.	7	7	8
State avg. ¹	7.0	7.0	8.2	Ky. ⁴	7	9	9	Ohio	7	7	7
Ala.	7	7	11	La.	8	8	8	Okl.	6.5	6.5	6.5
Alaska	8	8	8	Maine	8	9	9	Oreg.	7	7	7
Ariz.	7	8	8	Md.	7	9	9	Pa.	8	9	11
Ark.	7.5	8.5	9.5	Mass.	6.5	8.5	9.8	R.I.	8	10	10
Calif.	7	7	7	Mich.	7	9	11	S.C.	7	8	11
Colo.	7	7	7	Minn.	7	9	11	S. Dak.	7	8	12
Conn.	8	10	11	Miss.	8	9	9	Tenn.	7	7	7
Del.	7	9	9	Mo.	5	7	7	Tex.	5	5	5
D.C.	7	10	11	Mont.	7	7.8	9	Utah	7	7	9
Fla.	7	8	8	Nebr. ⁵	8.5	8.5	13.6	Vt.	8	9	9
Ga.	6.5	7.5	7.5	Nev.	6	6	6	Va. ⁴	7	9	11
Hawaii	2.5	8.5	8.5	N.H.	7	9	11	Wash.	9	9	12
Idaho	7	8.5	9.5	N.J.	7	8	8	W. Va.	8.5	8.5	10.5
Ill.	7.5	7.5	7.5	N. Mex.	7	7	8	Wis.	7	7	9
Ind.	8	8	8.5	N.Y.	7	8	8	Wyo.	7	7	8

¹ Weighted average, based on net gallons taxed. ² 8 cents per gallon in Hawaii County; 5 cents elsewhere. ³ Variable tax rates. ⁴ Trucks or combinations with more than 2 axes pay tax of 2 cents per gallon more. ⁵ Beginning 1975, gasoline with grain alcohol additive taxed at 3 cents per gallon less. For 1980, variable (2.1 cents) tax and 11.5 cents-per-gallon tax. ⁶ .08 cents per gallon is for inspection fee.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1078. MOTOR VEHICLES—SUMMARY STATISTICS: 1965 TO 1980

ITEM	Unit	1965	1970	1974	1975	1976	1977	1978	1979	1980
SALES, EXPORTS, IMPORTS, AND SCRAPPAGE										
Passenger car factory sales.....	1,000	9,306	6,547	7,331	6,713	8,500	9,201	9,165	8,419	6,400
Passenger car (new), retail sales ¹	1,000	9,332	8,405	8,887	8,640	10,110	11,185	11,312	10,671	8,579
Domestic ²	1,000	8,763	7,115	7,449	7,050	8,807	9,104	9,308	8,341	6,881
Subcompact ³	1,000	(NA)	(NA)	786	700	832	953	1,191	1,671	1,604
Compact ³	1,000	(NA)	1,338	1,781	2,336	2,804	2,364	2,391	2,130	1,659
Standard ³	1,000	(NA)	(NA)	3,082	1,956	2,394	2,769	2,647	2,147	1,358
Intermediate ³	1,000	(NA)	(NA)	1,819	2,058	2,778	3,018	3,079	2,393	1,957
Imports ⁴	1,000	569	1,285	1,413	1,587	1,498	2,076	2,000	2,329	2,398
Passenger cars (new), exported ^{1,5}	1,000	106	285	601	640	680	697	706	793	617
Passenger cars (new), imported ^{1,6}	1,000	558	2,013	2,573	2,075	2,537	2,791	3,025	3,006	3,248
Canada.....	1,000	29	693	818	734	826	850	833	677	585
Germany, Federal Republic of.....	1,000	377	675	620	370	350	424	416	496	471
Japan.....	1,000	26	381	792	696	1,129	1,342	1,553	1,617	1,992
Truck and bus factory sales.....	1,000	1,752	1,692	2,727	2,272	2,979	3,441	3,706	3,037	1,687
Truck and bus retail sales ⁷	1,000	1,539	1,746	2,587	2,351	3,044	3,486	3,914	3,236	2,232
Light duty (up to 14,000 GVW) ⁸	1,000	(NA)	(NA)	2,184	2,076	2,763	3,145	3,547	2,861	1,364
Med. duty (14,001-26,000 GVW) ⁸	1,000	(NA)	(NA)	224	169	162	172	164	152	92
Heavy duty (over 26,000 GVW) ⁸	1,000	101	126	179	106	119	169	203	223	176
Imports, new passenger cars ¹	mil. dol.	640	3,719	7,544	7,483	9,399	11,077	14,072	14,852	16,935
Trucks and buses, new ¹	mil. dol.	33	381	646	620	834	1,258	1,446	1,641	1,995
Exports ¹	mil. dol.	2,188	3,671	8,604	10,658	12,045	12,544	14,548	16,590	15,715
Passenger cars (new) ⁹	mil. dol.	393	622	2,303	2,852	3,229	3,568	3,623	3,462	3,932
Trucks and buses (new) ⁹	mil. dol.	328	636	1,422	2,305	2,141	2,098	2,752	3,147	2,558
Parts and accessories ¹⁰	mil. dol.	1,476	2,413	4,879	5,501	6,678	6,877	8,173	8,601	9,225
Vehicles retired from use ^{11,12}	1,000	6,440	8,298	8,241	6,578	9,296	9,902	9,333	11,228	10,137
Passenger cars.....	1,000	5,704	7,461	7,194	5,689	6,829	8,234	7,907	9,312	8,405
Trucks and buses.....	1,000	736	837	1,047	908	1,097	1,668	1,426	1,916	1,732
Average age of cars in use.....	Years	5.90	5.55	5.72	5.99	6.16	6.23	6.32	6.41	6.59
Average age of trucks in use.....	Years	7.98	7.33	6.97	6.94	6.97	6.93	6.86	6.89	7.13
Motorcycle registrations, new ^{12,13}	1,000	545	751	1,011	747	793	849	797	8.61	838
Motorcycle imports, total ¹⁴	1,000	(NA)	1,091	1,543	948	659	860	935	887	1,120
Value ¹⁵	mil. dol.	(NA)	308	911	713	467	588	797	870	1,142
Vehicle drivers licenses.....	mil.	99	112	125	130	134	138	141	143	146
Percent male.....	Percent	59.2	56.8	54.7	54.3	54.1	53.9	53.7	53.5	53.2
Percent under 25 years old.....	Percent	20.5	22.1	22.5	22.6	22.4	22.1	21.9	21.8	46.8
TIRES AND BATTERIES SHIPMENTS										
Tires, passenger car, total ¹⁶	mil.	148.5	168.6	174.4	167.0	177.0	189.6	193.9	174.0	145.9
Replacement.....	mil.	94.9	129.6	123.5	122.5	122.9	129.3	135.2	121.9	106.9
Tires, truck and bus, total ¹⁶	mil.	20.4	25.7	31.8	27.3	31.6	37.2	42.7	39.9	31.1
Replacement.....	mil.	12.8	16.7	21.0	19.8	22.3	25.9	30.0	28.9	24.4
Replacement automobile batteries ¹⁷	mil.	29.5	37.9	43.8	39.3	49.2	54.6	56.4	53.7	50.1
SPECIAL MOTOR VEHICLE TAXES ¹⁸										
Federal excise.....	bil. dol.	5.7	6.8	5.8	5.6	6.0	6.5	7.0	7.1	(NA)
State motor vehicle carrier receipts.....	bil. dol.	2.5	3.8	5.0	5.1	6.1	6.4	6.9	7.4	¹⁹ 7.7
State motor fuel, net.....	bil. dol.	4.5	6.5	8.1	8.4	8.9	9.3	9.7	9.8	¹⁹ 9.4
MOTOR VEHICLE REGISTRATIONS										
All vehicles, ²⁰ world.....	mil.	178.0	246.5	315.9	326.1	341.7	362.6	380.0	396.0	(NA)
United States.....	mil.	90.4	108.4	129.9	132.9	138.5	143.8	148.8	154.1	(NA)
Other North and Central America.....	mil.	8.2	11.3	14.9	15.7	17.0	18.2	19.0	19.0	(NA)
South America.....	mil.	5.1	8.1	12.2	13.0	13.0	15.0	16.7	17.3	(NA)
Europe, non-communist area.....	mil.	50.1	74.3	95.8	96.8	103.0	110.6	111.0	115.0	(NA)
Europe, communist area.....	mil.	6.4	10.4	14.3	16.6	15.0	16.0	22.5	23.7	(NA)
Africa.....	mil.	3.4	4.5	6.2	6.6	6.9	7.3	7.6	8.6	(NA)
Asia, non-communist.....	mil.	9.5	22.9	34.4	36.2	39.1	42.7	45.3	48.5	(NA)
Asia, communist area.....	mil.	2	5	7	7	7	7	7	9	(NA)
Oceania.....	mil.	4.7	6.0	7.4	7.8	8.0	8.3	8.5	8.8	(NA)

NA Not available. ¹Based on data from U.S. Dept. of Commerce. ²Includes domestic models produced in Canada.

³Source: Board of Governors of the Federal Reserve System, unpublished data. Beginning 1970, total auto sales data from *Ward's Automotive Reports*. Criteria by which each year's car models are grouped into the major size categories vary among those collecting data. Data shown here follow *Automotive News* classifications. Beginning 1978 cars produced in U.S. by foreign manufacturer are included in subcompact. ⁴Excludes domestic models produced in Canada. ⁵1965-1977, covers assembled vehicles only. Beginning 1978, includes chassis. ⁶Includes other countries, not shown separately. ⁷Excludes motorcoaches and imports from foreign manufacturers. Beginning 1974, includes imports made by U.S. manufacturers overseas.

⁸Gross vehicle weight (fully loaded vehicle). ⁹Covers assembled and unassembled vehicles. ¹⁰Includes rubber tires and tubes and used vehicles. ¹¹For years ending June 30. Represents vehicles failing to re-register. ¹²Source: R. L. Polk & Company, Detroit, Mich., *New Motorcycle Registrations by States*; vehicles retired from use published in source cited below.

Reproduction prohibited without Polk permission. ¹³Excludes Oklahoma. ¹⁴Source: Motorcycle Industry Council, Inc., Irvine, Calif. Data from U.S. Dept. of Commerce. Excludes mopeds/motorized bicycles. ¹⁵Valuable value for customs purposes prior to 1980. C.I.F. value for 1980. ¹⁶Includes original equipment. Also includes exports, not shown separately. Source: The Rubber Manufacturers Association, Inc., Washington, D.C., *Rubber Industry Facts*, annual. ¹⁷Source: Battery Council International, Chicago, Ill.

¹⁸Special taxes on motor-vehicle users. Excludes income and property taxes on establishments engaged in the production, sale, and repairing of motor vehicles and their parts; and on truck operating companies. Source: U.S. Federal Highway Administration, *Highway Statistics*, annual, and *Estimates of State Highway-User Tax Receipts*, annual. ¹⁹Estimated. ²⁰Cars, trucks, and buses. Source: 1965-1975, U.S. Bureau of Domestic Business Development, *World Motor Vehicle Production and Registration*, annual.

Source: Except as noted, Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mich., *Motor Vehicle Facts and Figures*, annual, and *World Motor Vehicle Data*, annual.

**NO. 1079. MOTOR-VEHICLE REGISTRATIONS, 1960 TO 1980, AND DRIVERS LICENSES,
1979, BY STATES**

[In thousands, except percent. Motor-vehicle registrations cover publicly, privately, and commercially owned vehicles; for uniformity, figures have been adjusted to a calendar-year basis as registration years in States differ; figures represent net numbers where possible, excluding re-registrations and nonresident registrations]

STATE	AUTOMOBILES, TRUCKS, AND BUSES ¹										Motor- cycles (incl. official) ¹ 1980, est.	DRIVERS LICENSES, 1979	
	1960, total	1965, total	1970, total	1975, total	1979, total	1980, est.		Percent change		Total ²		Percent—	
						Total	Auto- mobiles (incl. cabs)	1960- 1970, total	1970- 1980, total			Male	Under 25 yr. old
U.S.	73,858	90,358	108,418	132,949	154,118	159,029	123,467	46.8	46.7	5,823	143,284	53.4	21.5
Ala.	1,282	1,663	1,966	2,493	2,841	2,954	2,115	53.4	50.3	79	2,210	52.8	21.8
Alaska	81	109	139	226	249	255	156	71.6	83.5	8	219	56.9	23.4
Ark.	624	825	1,093	1,459	1,769	1,866	1,325	75.2	70.7	82	1,771	55.3	23.2
Ariz.	708	914	1,043	1,283	1,511	1,553	1,017	47.3	48.9	34	1,412	53.0	20.3
Calif.	7,799	9,989	11,901	13,891	16,261	16,801	12,852	52.6	41.2	754	15,336	53.2	20.5
Colo.	924	1,158	1,442	1,925	2,355	2,395	1,764	56.1	66.1	119	2,024	52.1	23.0
Conn.	1,107	1,415	1,733	1,949	2,206	2,240	2,060	56.5	29.3	78	2,107	49.3	20.4
Del.	192	244	312	351	393	404	326	62.5	29.5	13	408	51.7	22.4
D.C.	206	236	257	255	250	257	238	24.8	-	4	345	54.6	16.3
Fla.	2,367	3,037	4,120	5,395	7,299	7,911	6,429	74.1	92.0	240	7,290	53.9	19.8
Ga.	1,512	1,990	2,584	3,211	3,741	3,865	3,038	70.9	49.6	108	3,277	52.4	23.9
Hawaii	231	310	405	462	580	580	516	75.3	43.2	7	536	55.6	20.4
Idaho	375	434	488	647	782	810	479	30.1	66.0	58	622	52.9	26.0
Ill.	3,776	4,437	5,238	6,344	8,747	8,779	7,534	38.7	67.6	296	6,930	53.4	22.6
Ind.	2,046	2,427	2,818	3,315	3,789	3,922	2,941	37.7	39.2	174	3,591	51.9	22.3
Iowa	1,325	1,549	1,790	2,099	2,316	2,360	1,755	35.1	33.0	219	2,106	53.1	23.5
Kans.	1,163	1,369	1,548	1,805	2,217	2,354	1,393	33.1	52.1	106	1,852	52.5	22.4
Ky.	1,198	1,500	1,763	2,245	2,605	2,660	1,833	47.2	50.9	63	2,068	54.3	23.3
La.	1,177	1,442	1,742	2,188	2,678	2,792	1,976	48.0	60.3	82	2,291	53.9	24.1
Maine	374	424	510	648	714	722	531	36.4	41.6	47	702	52.6	20.1
Md.	1,155	1,481	1,872	2,423	2,767	2,872	2,373	62.1	53.4	83	2,645	52.6	21.1
Mass.	1,803	2,104	2,575	3,107	3,722	3,802	3,325	42.8	47.7	111	3,700	50.4	21.2
Mich.	3,306	3,991	4,569	5,545	6,341	6,563	5,241	38.2	43.6	255	6,350	52.3	25.1
Minn.	1,592	1,890	2,207	2,525	3,398	3,471	2,459	39.6	57.3	187	2,286	52.5	22.2
Miss.	723	921	1,117	1,377	1,485	1,547	1,166	54.5	38.5	26	1,582	54.0	23.1
Mo.	1,720	2,085	2,408	2,866	3,242	3,324	2,454	40.1	38.0	108	3,213	52.3	22.8
Mont.	373	429	485	611	902	958	588	30.0	97.5	66	583	54.8	22.3
Nebr.	734	849	974	1,165	1,230	1,246	874	32.7	27.9	60	1,076	52.2	24.2
Nev.	175	266	355	464	563	578	422	102.9	62.8	25	565	54.0	21.8
N.H.	256	331	390	485	636	655	543	92.3	67.9	36	637	52.6	21.2
N.J.	2,401	2,980	3,586	4,155	4,714	4,835	4,324	49.4	34.8	112	4,375	50.1	19.4
N. Mex.	426	525	637	827	1,031	1,061	680	49.5	66.6	49	843	52.0	26.9
N.Y.	5,067	5,939	6,718	7,591	8,004	8,216	7,162	32.6	22.3	194	9,186	55.8	17.8
N.C.	1,720	2,156	2,826	3,690	4,446	4,662	3,492	64.3	65.0	119	3,692	52.1	23.3
N. Dak.	345	396	428	551	616	630	366	24.1	47.2	30	414	53.0	25.7
Ohio	4,087	4,935	5,974	7,179	7,425	7,510	6,254	46.2	25.7	272	7,515	60.4	19.7
Okl.	1,184	1,438	1,713	2,113	2,592	2,759	1,845	44.7	61.1	130	1,899	50.5	22.0
Oreg.	919	1,119	1,369	1,828	2,008	2,155	1,513	49.0	57.4	84	1,849	53.7	21.1
Pa.	4,287	4,968	5,618	7,659	6,756	6,895	5,811	35.7	16.5	233	7,338	55.6	20.0
R.I.	341	406	488	563	585	592	514	49.1	21.3	25	583	52.2	21.0
S.C.	879	1,094	1,360	1,772	1,974	2,016	1,542	54.7	46.2	39	1,892	52.7	23.1
S. Dak.	354	398	426	521	598	606	374	20.3	42.3	35	475	52.6	25.5
Tenn.	1,307	1,655	2,050	2,727	2,995	3,103	2,373	56.8	51.4	87	2,753	52.4	19.3
Tex.	4,457	5,610	6,693	8,396	10,001	10,219	7,389	50.2	52.7	307	6,946	52.7	22.4
Utah	417	525	664	845	984	1,009	686	59.2	52.0	67	795	50.3	26.9
Vt.	152	175	229	287	331	339	260	50.7	48.0	23	337	52.6	20.6
Va.	1,426	1,800	2,263	3,251	3,510	3,581	3,060	58.7	58.2	82	3,339	50.6	22.4
Wash.	1,377	1,659	2,102	2,540	3,127	3,261	2,310	52.7	55.1	149	2,579	53.1	20.7
W. Va.	601	696	801	966	1,264	1,365	970	33.3	70.4	40	1,453	57.0	21.5
Wis.	1,600	1,839	2,182	2,591	3,128	3,208	2,530	36.4	47.0	197	2,854	52.6	23.6
Wyo.	207	225	247	337	457	491	289	19.3	98.8	21	330	54.0	25.1

- Represents zero. ¹ Excludes vehicles owned by military services. ² Estimated from data reported by States for current and previous years; allowance has been made for deaths, emigration, or revocation by some States.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual, and *Drivers Licenses*, annual.

NO. 1080. MOTOR VEHICLES—REGISTRATIONS, FACTORY SALES, AND RETAIL SALES: 1950 TO 1980

[Minus sign (—) denotes decrease. For definition of average annual percent change, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series Q 148–155]

YEAR	REGISTRATIONS ¹ (mil.)			Motor-cycle registrations ¹ (1,000)	FACTORY SALES (1,000)			PASSENGER CARS RETAIL SALES (1,000)			AVERAGE ANNUAL PERCENT CHANGE	
	Total cars, trucks, buses	Pass- enger cars and taxis	Trucks and buses		Total cars, trucks, buses	Pass- enger cars	Trucks and buses ²	Total	Do- mestic	Im- ports	Registra- tions ²	Retail sales
1950.....	49.2	40.4	8.8	454	6,003	6,666	1,337	(NA)	(NA)	(NA)	47.4	(NA)
1955.....	62.7	52.1	10.6	412	9,169	7,920	1,249	7,466	7,408	58	5.0	(NA)
1960.....	73.9	61.7	12.2	574	7,869	6,675	1,194	6,641	6,142	499	3.3	-2.3
1965.....	90.4	75.3	15.1	1,382	11,057	9,306	1,752	9,332	8,763	569	4.1	7.0
1967.....	96.9	80.4	16.5	1,953	8,976	7,437	1,539	8,337	7,568	769	3.5	-5.5
1968.....	100.9	83.6	17.3	2,089	10,718	8,822	1,896	9,656	8,625	1,031	4.1	15.8
1969.....	105.1	86.9	18.2	2,316	10,147	8,224	1,923	9,583	8,464	1,118	4.2	-8
1970.....	108.4	89.2	19.2	2,824	8,239	6,547	1,692	8,405	7,119	1,285	3.2	-12.3
1971.....	113.0	92.7	20.3	3,344	10,638	8,585	2,053	10,250	8,681	1,568	4.2	22.0
1972.....	118.8	97.1	21.7	3,760	11,271	8,824	2,447	10,950	9,327	1,623	5.1	6.8
1973.....	125.7	102.0	23.7	4,371	12,637	9,658	2,980	11,439	9,676	1,763	5.8	4.5
1974.....	129.9	104.8	25.1	4,966	10,059	7,331	2,727	8,867	7,454	1,413	3.4	-22.6
1975.....	132.9	106.7	26.2	4,964	8,985	6,713	2,272	8,640	7,053	1,587	2.3	-2.6
1976.....	138.5	110.4	28.2	4,989	11,480	8,500	2,979	10,110	8,611	1,498	4.2	17.0
1977.....	142.4	112.3	30.1	4,879	12,642	9,201	3,441	11,185	9,109	2,076	2.8	10.6
1978.....	148.8	116.6	32.2	4,859	12,871	9,165	3,706	11,312	9,312	2,000	4.5	1.1
1979.....	154.1	120.2	33.9	5,502	11,456	8,419	3,037	10,671	8,341	2,329	3.6	-5.7
1980.....	*159.0	*123.5	*35.6	*5,823	8,067	6,400	1,667	8,979	6,581	2,398	3.2	-15.9

NA Not available. ¹Excludes Alaska and Hawaii prior to 1960. Includes publicly owned vehicles. Excludes military services' vehicles. ²Includes standard equipment. ³Excludes motorcycles. ⁴Change from 1945. ⁵Estimate.

Source: Registrations—U.S. Federal Highway Administration, *Highway Statistics*, annual; sales—Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mich., *Motor Vehicle Facts and Figures*, annual.

NO. 1081. MOTOR VEHICLE ACCIDENTS—NUMBER AND DEATHS: 1960 TO 1980

[1980 data preliminary. See also *Historical Statistics, Colonial Times to 1970*, series Q 208 and Q 224–232]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Motor-vehicle accidents ¹	Mil.....	10.4	13.2	16.0	16.6	15.6	16.5	16.8	17.6	18.3	18.1	(NA)
Cars.....	Mil.....	16.0	20.3	23.5	23.3	20.6	22.5	23.1	23.9	24.6	22.9	(NA)
Trucks.....	Mil.....	2.0	2.6	3.2	3.7	3.4	3.8	4.1	4.7	5.5	5.4	(NA)
Motorcycles.....	1,000.....	100	235	305	378	376	372	402	460	480	480	(NA)
Motor vehicle deaths within 1 yr. ²	1,000.....	38.1	49.2	54.6	55.5	46.4	45.9	47.0	49.5	52.4	52.8	53.3
Noncollision accidents ³	1,000.....	11.9	14.9	15.4	15.6	12.8	12.7	13.0	13.7	14.5	15.2	15.3
Collision accidents:												
With other motor vehicles.....	1,000.....	14.8	20.8	23.2	23.6	19.7	19.5	20.1	21.2	22.4	22.2	22.3
With pedestrians.....	1,000.....	7.9	8.9	9.9	10.2	8.5	8.4	8.6	9.1	9.6	9.7	9.8
With fixed objects ⁴	1,000.....	1.7	2.2	3.8	3.8	3.1	3.1	3.2	3.4	3.6	3.5	3.6
Deaths within 30 days ⁵	1,000.....	36.4	47.1	52.6	54.1	45.2	44.5	45.5	47.9	50.3	51.1	51.1
Vehicle occupants.....	1,000.....	27.9	36.8	40.6	40.8	33.3	32.8	33.9	35.1	37.1	37.2	36.9
Pedestrians.....	1,000.....	7.2	8.0	9.0	8.9	7.5	7.5	7.4	7.7	7.8	8.1	8.1
Motorcyclists ⁶	1,000.....	.8	1.7	2.3	3.2	3.4	3.2	3.3	4.1	4.6	4.9	5.1
Bicyclists.....	1,000.....	.5	.7	.8	1.1	1.0	1.0	.9	.9	.9	.9	1.0
Traffic death rates: ⁷ * Per 100,000 resident population.....	Rate.....	20.2	24.3	25.8	25.8	21.2	20.7	20.9	21.8	22.7	22.8	22.5
Per 100,000 registered vehicles.....	Rate.....	48.9	51.3	47.3	41.6	33.5	32.3	31.7	32.5	32.8	32.0	31.0
Per 100 million vehicle miles.....	Rate.....	5.1	5.3	4.7	4.1	3.5	3.4	3.3	3.3	3.3	3.3	3.4
Per 100,000 licensed drivers.....	Rate.....	41.7	47.8	47.2	44.5	36.0	34.3	34.0	34.7	35.7	35.7	35.0
Motor vehicle accidents ⁷	Mil.....	11.4	14.7	22.1	25.8	23.7	24.9	25.4	26.7	27.7	26.7	24.1
Injuries ⁸	1,000.....	3,076	3,982	4,983	5,192	4,634	4,878	5,268	5,575	5,798	5,661	5,230
Economic loss ⁹	Bil. dol.....	10.2	14.2	23.5	30.4	30.4	36.1	40.9	46.5	52.6	56.4	57.1

NA Not available. ¹Covers only accidents occurring on the road. ²Deaths that occur within one year of accident. Includes collision categories not shown separately. ³Beginning 1970, not comparable with previous years due to classification change.

⁴Within 30 days of accident. Source: U.S. National Highway Traffic Safety Administration, *Fatal Accident Reporting System Annual Report*. ⁵Includes motor scooters and motorized bicycles (mopeds). ⁶Based on 30-day definition of traffic deaths.

⁷Source: Insurance Information Institute, New York, N.Y., *Insurance Facts*. Estimates based on official reports from a representative cross-section of States. Includes all motor vehicle accidents on and off the road and all injuries regardless of length of disability. ⁸Wage loss; legal, medical, hospital, and funeral expenses; insurance administrative costs; and property damage.

Source: Except as noted, National Safety Council, Chicago, Ill., *Accident Facts*, annual. (Copyright.)

NO. 1082. DEATHS FROM MOTOR-VEHICLE ACCIDENTS—BY STATES: 1970 TO 1978

[Data differ from table 1081 because data are based on date of death, not date of accident. Data reflect State where death occurred. Includes deaths of nonresidents of U.S. Deaths classified according to the Eighth Revision of the International Classification of Diseases, adapted for use in the United States. Data based on Vital Registration System, see Appendix III]

STATE	1970	1975	1976	1977	1978	STATE	1970	1975	1976	1977	1978
U.S.....	54,845	46,032	47,266	49,740	52,653	Mo.....	1,479	1,105	1,239	1,235	1,271
Ala.....	1,297	1,087	1,139	1,225	1,295	Mont.....	340	294	307	321	278
Alaska.....	107	120	133	127	119	Nebr.....	435	385	400	359	357
Ariz.....	782	713	777	969	1,044	Nev.....	278	236	240	290	332
Ark.....	595	577	525	540	585	N.H.....	182	155	150	150	166
Calif.....	5,114	4,414	4,670	5,127	5,680	N.J.....	1,289	1,099	1,035	1,089	1,148
Colo.....	697	621	658	738	735	N. Mex.....	568	556	557	646	678
Conn.....	448	404	413	455	460	N.Y.....	3,117	2,277	2,233	2,351	2,549
Del.....	158	129	135	122	140	N.C.....	1,801	1,560	1,582	1,477	1,568
D.C.....	140	91	81	86	68	N. Dak.....	194	183	208	199	205
Fla.....	2,181	2,067	2,021	2,104	2,332	Ohio.....	2,488	1,652	1,848	1,795	2,021
Ga.....	1,825	1,420	1,301	1,484	1,548	Okl.....	787	748	858	887	948
Hawaii.....	163	153	157	164	214	Oreg.....	739	582	664	696	754
Idaho.....	320	291	280	341	331	Pa.....	2,349	2,102	2,081	2,035	2,119
Ill.....	2,267	1,816	2,027	2,151	2,172	R.I.....	143	140	138	155	131
Ind.....	1,587	1,139	1,273	1,268	1,312	S.C.....	1,070	837	834	962	919
Iowa.....	946	714	812	843	661	S. Dak.....	240	216	238	225	204
Kans.....	684	531	563	576	580	Tenn.....	1,525	1,280	1,280	1,351	1,387
Ky.....	1,081	885	900	979	908	Tex.....	3,570	3,472	3,240	3,638	3,976
La.....	1,194	993	1,007	1,110	1,185	Utah.....	354	285	282	377	403
Maine.....	288	235	234	216	246	Vt.....	116	124	95	108	110
Md.....	809	686	682	699	752	Va.....	1,251	1,069	1,062	1,162	1,109
Mass.....	918	885	827	790	918	Wash.....	902	804	892	881	1,052
Mich.....	2,172	1,811	1,955	1,962	2,083	W. Va.....	561	499	518	527	507
Minn.....	1,028	788	832	864	993	Wis.....	1,109	943	951	958	961
Miss.....	947	629	719	750	875	Wyo.....	210	210	257	254	249

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

NO. 1083. ESTIMATED LICENSED DRIVERS AND DRIVERS INVOLVED IN FATAL ACCIDENTS, BY AGE-GROUP OF DRIVER: 1980

ITEM	Unit	Total	Under 20 years old	20-24 years old	25-34 years old	35-44 years old	45-54 years old	55-64 years old	65 years old and over
Licensed drivers.....	1,000.....	145,972	12,116	19,268	36,055	24,669	20,436	17,955	15,473
Percent distribution.....	Percent.....	100.0	8.3	13.2	24.7	16.9	14.0	12.3	10.6
Drivers involved in fatal accidents.....	1,000.....	62.9	10.3	13.6	16.5	8.4	5.9	4.4	3.8
Percent distribution.....	Percent.....	100.0	16.4	21.6	26.3	13.3	9.4	6.9	6.1

Source: U.S. Federal Highway Administration, *Drivers Licenses*, annual, and U.S. National Highway Traffic Safety Administration, *Fatal Accident Reporting System Annual Report*.

NO. 1084. AUTOMOBILE INSURANCE: 1960 TO 1980

[In millions of dollars, except as indicated. 1960 and 1965, direct premiums earned and direct losses incurred; beginning 1970, premiums earned basis. See also *Historical Statistics, Colonial Times to 1970*, series Q 163-174]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	
									Private passenger	Commercial
Companies reporting.....	(NA)	(NA)	925	1,275	1,315	1,363	1,381	1,399	1,470	
Total insurance:										
Premiums earned.....	6,448	8,358	14,612	23,860	23,970	29,074	32,393	35,366	27,776	4,312
Losses paid ¹	3,645	5,221	11,198	19,657	18,541	20,264	22,755	26,130	20,260	3,291
Percent of premiums.....	56.5	62.5	76.6	82.4	77.4	69.7	70.2	73.9	72.9	76.3
Bodily injury liability: ²										
Premiums earned.....	4,060	5,515	9,559	15,150	15,087	18,130	19,997	21,544	16,664	2,659
Losses paid ¹	2,372	3,484	7,547	12,277	11,599	13,083	14,252	16,016	12,473	2,174
Percent of premiums.....	58.4	63.2	79.0	81.0	76.9	72.1	71.3	74.3	74.8	81.8
Physical damage: ³										
Premiums earned.....	2,388	2,843	5,053	8,710	8,883	10,944	12,396	13,822	11,112	1,653
Losses paid ¹	1,273	1,737	3,651	7,380	6,941	7,201	8,503	10,114	7,787	1,117
Percent of premiums.....	53.3	61.1	72.3	84.7	78.1	65.8	68.6	73.2	70.1	67.6

NA Not available. ¹ Beginning 1970, includes adjusting expenses. ² Includes property damage. ³ Covers auto fire, theft, collision, and comprehensive.

Source: 1960 and 1965, *The Spectator*, Philadelphia, Pa., *Insurance by States*; thereafter, the National Underwriter Co., Cincinnati, Ohio, *Argus F. C. & S. Chart*, annual (copyright).

No. 1085. AUTOMOBILE OUTPUT—PRODUCTION AND VALUE: 1965 TO 1980

ITEM	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980 prel.
New auto supply, total (mil. units).....	9.9	8.6	11.3	12.3	9.6	9.0	10.8	12.1	12.0	10.6	9.0
Domestic output (mil. units).....	9.3	8.5	8.8	9.7	7.3	6.7	8.5	9.2	9.2	8.2	8.8
Sales of imports (mil. units).....	.6	2.0	2.5	2.6	2.2	2.3	2.3	2.9	2.8	2.3	2.4
Percent of total.....	6.0	23.7	21.8	21.4	23.4	25.6	21.5	24.0	23.6	22.1	26.7
VALUE IN CURRENT DOLLARS (bil.)											
Gross auto output.....	31.2	28.7	41.6	46.2	39.2	40.7	55.9	65.3	69.6	68.0	60.2
As percent of GNP ¹	4.5	2.9	3.5	3.5	2.7	2.6	3.3	3.4	3.2	2.8	2.3
Final sales.....	30.5	29.8	41.9	45.4	38.1	42.3	54.6	64.3	68.9	69.2	62.2
Personal consumption expenditures.....	25.3	27.3	38.2	41.2	34.8	38.2	50.0	57.9	63.4	65.3	61.8
New autos.....	21.4	21.9	31.6	33.9	27.0	29.3	38.1	44.5	48.3	49.4	46.2
Net purchases of used autos.....	3.9	5.3	6.6	7.3	7.8	8.9	11.9	13.4	15.1	15.9	15.6
Producers' durable equipment.....	5.1	4.9	7.4	8.3	7.6	7.6	9.6	12.5	14.6	13.2	12.4
New autos.....	6.6	7.6	10.2	11.6	11.4	12.5	15.4	19.1	22.1	22.2	21.2
Net purchases of used autos ²	-1.5	-2.6	-2.8	-3.3	-3.8	-4.9	-5.9	-6.6	-7.5	-9.1	-8.8
Net exports.....	-3	-2.9	-4.4	-4.7	-5.0	-4.2	-5.7	-7.0	-10.0	-10.1	-12.9
Exports.....	.4	.8	1.3	1.8	2.3	2.9	3.3	3.6	3.7	4.7	4.0
Imports.....	.7	3.7	5.7	6.5	7.3	7.1	8.9	10.7	13.7	14.8	16.8
Govt. purchases of goods and services.....	.4	.5	.6	.6	.7	.7	.7	1.0	.9	.8	.8
Change in business inventories ³	.8	-1.2	-2	.8	1.1	-1.5	1.3	1.0	.7	-1.2	-2.0
Domestic output ⁴	28.3	23.8	35.3	40.0	32.6	33.7	46.2	54.8	58.1	57.8	48.8
Sales of imports ⁵	1.3	5.8	8.0	9.0	8.9	10.4	11.4	14.9	16.4	19.4	21.7
VALUE IN CONSTANT (1972) DOLLARS (bil.)											
Gross auto output.....	35.7	29.8	41.6	46.4	37.1	35.7	45.3	50.7	50.2	46.8	38.6
As percent of GNP ¹	3.8	2.7	3.5	3.7	3.0	2.9	3.5	3.7	3.5	3.2	2.6
Final sales.....	34.8	31.0	41.9	45.5	36.2	37.0	44.4	49.7	49.9	47.3	39.9
Personal consumption expenditures.....	29.2	28.8	38.2	40.7	32.2	32.0	38.7	42.2	43.0	41.3	36.5
New autos.....	23.5	22.7	31.6	33.9	25.5	25.4	31.1	34.5	34.9	33.1	28.6
Net purchases of used autos.....	5.7	6.2	6.6	6.8	6.7	6.6	7.5	7.7	8.1	8.2	7.8
Producers' durable equipment.....	5.6	5.0	7.4	8.5	7.9	7.2	8.7	10.8	11.5	9.9	8.5
New autos.....	7.3	7.8	10.2	11.6	10.7	10.9	12.6	14.8	15.9	14.9	13.2
Net purchases of used autos ²	-1.7	-2.8	-2.8	-3.1	-3.4	-3.7	-3.9	-4.0	-4.5	-5.0	-4.7
Net exports.....	-4	-3.4	-4.4	-4.3	-4.0	-2.8	-3.6	-4.1	-5.2	-4.4	-5.5
Exports.....	.4	.9	1.3	1.8	2.2	2.5	2.7	2.8	2.7	3.1	2.4
Imports.....	.9	4.3	5.7	6.1	6.2	5.3	6.3	6.9	7.8	7.6	8.0
Govt. purchases of goods and services.....	.5	.5	.6	.6	.6	.6	.6	.8	.7	.6	.5
Change in business inventories ³	.9	-1.2	-2	.9	.9	-1.3	.9	.9	.3	-5	-1.3
Domestic output ⁴	31.1	24.6	35.3	40.0	30.8	29.2	37.8	42.6	42.0	38.7	30.2
Sales of imports ⁵	1.4	6.0	8.0	9.0	8.4	9.0	9.3	11.6	11.8	12.9	13.5

¹ For definition of gross national product (GNP), see text, p 417. ² Minus sign (-) denotes greater sales than purchases of used autos. ³ New and used autos. Minus sign (-) denotes decline in business inventories. ⁴ Consists of final sales and change in business inventories of new autos produced in the U.S. ⁵ Consists of personal consumption expenditures, producers' durable equipment, and government purchases.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *1976-78*, and *Survey of Current Business*, April 1981.

No. 1086. CARS AND TRUCKS IN USE, BY AGE: 1965 TO 1980

[As of July 1. Excludes vehicles for which age was not known]

AGE	NUMBER (mil.)							PERCENT						
	1965	1970	1975	1977	1978	1979	1980	1965	1970	1975	1977	1978	1979	1980
Total cars.....	68.9	80.4	95.2	99.9	102.9	104.7	104.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 3 years.....	21.6	24.4	25.8	24.2	27.3	28.2	26.8	31.3	30.3	27.1	24.2	26.5	26.9	25.6
3-5 years.....	18.0	24.9	27.0	30.0	27.3	25.2	25.5	26.1	31.0	28.3	30.0	26.5	24.1	24.4
6-8 years.....	13.6	18.4	22.0	22.3	23.3	25.0	25.2	19.7	22.9	23.1	22.3	22.6	23.9	24.1
9-11 years.....	9.9	7.7	13.9	14.2	14.6	14.9	14.6	14.3	9.6	14.6	14.2	14.2	14.3	14.0
12 years and over.....	5.9	4.9	6.6	9.2	10.5	11.3	12.5	8.6	6.1	6.9	9.2	10.2	10.8	11.9
Total trucks.....	13.1	17.7	24.8	28.2	30.5	32.6	35.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 3 years.....	3.2	4.7	6.9	7.0	8.5	9.2	8.8	24.6	26.5	27.9	24.9	27.8	28.2	24.9
3-5 years.....	2.5	4.3	5.8	7.7	7.4	7.3	8.1	18.9	24.1	23.3	27.4	24.2	22.3	23.1
6-8 years.....	2.0	3.0	4.4	4.9	5.3	6.2	7.4	14.9	16.7	17.9	17.2	17.4	19.1	21.0
9-11 years.....	1.8	1.9	3.2	3.5	3.8	4.0	4.4	14.1	10.5	13.0	12.4	12.4	12.3	12.5
12 years and over.....	3.6	3.9	4.4	5.1	5.5	5.9	6.5	27.6	22.2	17.8	18.0	18.1	18.1	18.4

Source: R. L. Polk & Co., Detroit, Mich. in Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mich., *Motor Vehicle Facts and Figures*, annual. (Copyright; further reproduction prohibited without Polk permission.)

No. 1087. AUTOMOBILES—FACTORY-INSTALLED EQUIPMENT: 1970 TO 1980

[Refers to model-year production. For certain items, such as air-conditioning, a significant number of units are installed on new vehicles after they leave the factory]

EQUIPMENT	UNITS INSTALLED (mil.)							PERCENT OF CARS PRODUCED						
	1970	1975	1976	1977	1978	1979	1980	1970	1975	1976	1977	1978	1979	1980
Transmission:														
Automatic.....	7.2	6.2	7.7	9.0	8.6	8.2	6.1	91.0	91.6	91.4	95.2	93.1	90.9	82.2
Manual.....	.7	.6	.7	.5	.6	.8	1.3	8.9	8.4	8.6	4.8	6.6	9.0	17.8
V-8.....	6.7	4.9	5.8	7.2	6.1	5.6	2.3	84.2	71.4	68.6	76.0	65.8	61.7	31.6
6-cylinder engine.....	1.2	1.3	1.8	1.7	2.2	2.1	2.7	15.7	19.6	21.1	17.7	24.0	23.1	36.0
4-cylinder engine.....	(NA)	.6	.9	.8	.9	1.4	2.4	(NA)	9.0	10.3	6.3	10.2	15.2	32.4
Power brakes.....	4.4	5.2	6.8	8.5	8.1	7.7	6.2	56.0	75.8	80.6	90.0	87.9	85.5	83.1
Power steering.....	6.4	6.1	7.5	9.0	8.6	8.2	6.2	81.2	89.7	89.8	95.1	92.6	90.8	82.9
Power windows ¹	1.3	1.6	2.0	2.8	2.8	2.7	1.6	16.7	24.1	24.3	29.3	30.5	29.5	22.3
Air-conditioning.....	4.8	4.9	6.3	7.7	7.5	7.3	5.4	60.9	73.1	75.5	81.8	80.7	81.0	72.6
Tinted glass ²	5.5	5.5	6.8	8.2	7.9	8.0	5.9	69.5	80.6	80.9	86.7	85.7	88.6	80.8

NA Not available. ¹ Includes station wagon power rear windows. ² Covers windshield and other glass.

Source: Chilton Company, Radnor, Pa., *Annual Statistical Issue, Automotive Industries*. (Copyright.)

No. 1088. CARS IN OPERATION WITH EMISSION CONTROLS: 1965 TO 1980

[As of July 1. Figures show cars with emission controls whether or not the controls are in operation]

EMISSION CONTROLS	CARS (millions)								PERCENT		
	1965	1971	1975	1976	1977	1978	1979	1980 ¹	1971	1975	1980 ¹
Total cars.....	68.9	83.1	95.2	97.8	99.9	103.0	104.7	104.6	100.0	100.0	100.0
Cars with one or more controls.....	22.9	70.3	91.2	94.5	97.2	100.7	103.0	103.1	84.6	95.8	98.6
Crankcase control ²	22.9	35.8	21.4	17.7	13.9	11.0	8.9	7.2	43.1	22.5	6.9
Exhaust and crankcase controls ³	-	27.7	24.6	22.9	20.4	17.8	14.9	12.1	33.3	25.8	11.6
Fuel evaporation and above controls ⁴	-	6.8	18.5	17.9	17.2	16.3	14.8	13.0	8.2	19.4	12.4
Nitrogen oxide and above controls ⁵	-	-	22.0	21.8	21.4	21.0	19.9	18.5	-	23.1	17.7
Catalyst and above controls ⁶	-	-	4.7	14.2	24.2	34.6	44.4	52.3	-	4.9	50.0
No emission controls.....	46.0	12.8	4.0	3.3	2.7	2.3	1.7	1.4	15.4	4.2	1.4

- Represents zero. ¹ Beginning 1980, passenger vans (approx. 1.4 million) were reclassified from passenger cars to trucks.

² Installed nationwide, starting with 1965 models, to reduce emissions of hydrocarbons. ³ Exhaust controls introduced nationwide on 1968 models to accelerate the reduction of hydrocarbon emissions and emissions of carbon monoxide. ⁴ Begun on 1971 models to eliminate losses from gasoline tanks and carburetors. ⁵ Available on some 1971 and 1972 models and all 1973 and later models to lower emissions of nitrogen oxides. ⁶ Catalyst or equivalent control systems introduced on cars in 1975 to meet tougher emission levels for hydrocarbons and carbon monoxide.

Source: Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mich., *Motor Vehicle Facts and Figures*, annual. Computed from R. L. Polk & Co. data.

No. 1089. MOTOR VEHICLE SAFETY DEFECT RECALLS, BY DOMESTIC AND FOREIGN MANUFACTURERS: 1970 TO 1980

[Covers manufacturers reporting to U.S. National Highway Traffic Safety Administration under section 151 of National Traffic and Motor Vehicle Safety Act of 1966, as amended]

MANUFACTURER	Unit	1970	1973	1974	1975	1976	1977	1978	1979	1980
Motor vehicles:										
Total recall campaigns ¹	Number.....	154	251	247	217	209	246	271	275	167
Domestic.....	Number.....	100	208	208	190	169	195	199	218	129
Foreign.....	Number.....	54	43	39	27	40	51	72	57	38
Total vehicles recalled.....	1,000.....	1,240	7,000	2,877	2,109	3,492	12,923	9,063	8,919	4,863
Domestic.....	1,000.....	738	6,667	2,345	1,829	3,019	10,693	7,921	6,997	3,939
Vehicles recalled by 4 leading auto manufacturers.....	1,000.....	563	6,477	2,194	1,602	2,854	10,331	7,670	6,989	3,730
Foreign.....	1,000.....	502	333	531	280	474	2,230	1,141	1,922	924
Motor vehicle tires:										
Recall campaigns ¹	Number.....	11	20	26	22	28	35	31	42	24
Tires recalled.....	1,000.....	180	132	1,094	72	464	471	14,686	235	7,070

¹ A recall campaign is the notification to the Secretary of the U.S. Dept. of Transportation and to owners, purchasers, and dealers, of a motor vehicle safety defect.

Source: U.S. National Highway Traffic Safety Administration, *Motor Vehicle Safety Defect Recall Campaigns*, annual.

Transportation—Land

No. 1090. RECREATIONAL VEHICLES—NUMBER AND VALUE OF SHIPMENTS: 1965 TO 1980

TYPE	NUMBER OF SHIPMENTS (1,000)						RETAIL VALUE OF SHIPMENTS (mil. dol.)					
	1965	1970	1975	1978	1979	1980	1965	1970	1975	1978	1979	1980
Total	192.8	380.3	339.6	526.3	307.7	181.4	308	1,122	2,320	5,683	3,538	1,952
Motorized homes.....	4.7	30.3	96.6	293.6	172.6	99.9	34	318	1,251	4,329	2,682	1,381
Travel trailers.....	76.6	138.0	150.6	159.8	90.2	52.0	169	445	856	1,153	725	485
Camping trailers.....	67.2	116.1	48.1	48.2	31.1	24.5	30	175	101	116	83	98
Truck campers.....	44.3	95.9	44.3	24.7	13.8	5.0	75	183	112	85	48	17

Source: Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, Mich., *Motor Vehicle Facts and Figures*, annual. Data from Recreation Vehicle Industry Association, *RVs . . . The Family Camping Vehicle, A Year-End Report/1980*.

No. 1091. MOTOR-VEHICLE TRAVEL, BY TYPE OF VEHICLE, AND SPEED: 1960 TO 1979

[Travel in billions of vehicle-miles, except as indicated. Travel estimates based on automatic traffic recorder data. Urban travel includes all travel in municipalities and urbanized areas. All other travel is classified as rural. Speed trend data for 1960-1975 were collected by several State highway agencies, normally during summer months; beginning Oct. 1975 all States have monitored speeds at locations on several highway systems as part of 55 mile per hour Speed Limit Monitoring Program. Minus sign (—) denotes decrease. For definition of average annual percent change, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series Q 199-207]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total travel	719	888	1,121	1,268	1,309	1,286	1,330	1,412	1,477	1,548	1,529
Avg. annual percent change.....	3.6	4.3	4.8	6.4	3.2	-1.8	3.5	6.2	4.6	4.8	-1.2
Passenger cars ²	588	712	901	1,004	1,037	1,013	1,051	1,098	1,141	1,194	1,163
Rural.....	303	333	406	436	444	427	441	462	475	501	479
Urban.....	285	378	495	568	592	586	610	637	666	694	684
Buses	4.4	4.8	5.0	5.1	5.0	5.1	5.1	5.8	5.9	6.1	6.1
Rural.....	2.3	2.6	2.8	3.0	2.9	3.0	3.0	3.2	3.2	3.2	3.2
Urban.....	2.1	2.2	2.2	2.1	2.1	2.1	2.2	2.6	2.7	2.9	2.9
Trucks and combinations	126	171	215	260	267	268	275	308	330	348	360
Rural.....	82	103	134	151	154	153	157	163	176	186	198
Urban.....	45	69	81	108	113	114	118	145	153	162	172
Average miles per vehicle (1,000):											
Passenger vehicles.....	9.5	9.3	9.8	10.0	9.8	9.2	9.4	9.5	9.6	9.8	9.3
Passenger cars ²	9.4	9.3	9.8	10.0	9.8	9.2	9.4	9.5	9.6	9.8	9.2
Buses.....	16.0	15.2	13.3	12.6	11.7	11.3	11.1	12.0	12.0	12.1	11.7
Trucks.....	10.6	11.6	11.5	12.2	11.5	10.9	10.6	11.1	11.1	11.0	10.8
Motor vehicle speed: ²											
Vehicles recorded (1,000).....	(NA)	(NA)	200	160	161	203	102	515	500	468	506
Avg. speed, all vehicles (miles per hr.).....	54.8	60.6	63.8	64.9	65.0	57.6	57.6	58.2	58.8	58.8	58.3
Percent of vehicles exceeding—											
55 m.p.h.....	47	72	87	89	89	65	68	69	74	74	72
60 m.p.h.....	24	51	69	71	72	29	27	32	35	36	32
65 m.p.h.....	(NA)	(NA)	44	49	50	9	7	10	10	10	9

NA Not available. ¹ Change from 1955. ² Includes taxicabs and motorcycles. ³ Based on free flow speed of vehicles recorded on level, straight sections of rural interstate highways during off-peak hours. Beginning 1976, for year ending Sept. 30. Source: U.S. Federal Highway Administration, *Highway Statistics*, annual, and unpublished data.

No. 1092. DOMESTIC MOTOR FUEL CONSUMPTION, BY USE: 1960 TO 1979

[Comprises all fuels (gas, diesel, or other fuels) used for propulsion of vehicles under State motor fuels laws. Excludes Federal purchases for military use. Minus sign (—) denotes decrease. See also, *Historical Statistics, Colonial Times to 1970*, series Q 155-162]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total consumption	Bil. gal.	57.9	71.1	92.3	105.1	110.5	106.3	109.0	115.7	119.6	125.1	122.1
Average annual change.....	Percent	4.0	4.2	5.4	6.7	6.2	-3.8	2.5	6.2	3.4	4.6	-2.4
Passenger vehicles	Bil. gal.	42.0	51.2	68.7	74.3	78.9	75.1	77.4	79.8	81.7	84.8	81.2
Cars ²	Bil. gal.	41.2	50.3	65.8	73.5	78.0	74.2	76.5	78.8	80.7	83.8	80.2
Buses (incl. school).....	Bil. gal.	.8	.9	.9	.9	.8	.9	.9	1.0	1.0	1.0	1.0
Trucks ²	Bil. gal.	15.8	19.9	25.8	30.7	31.8	31.2	31.6	35.9	38.0	40.3	40.9
Average per vehicle	Gallons	777	775	830	859	851	788	790	807	804	813	785
Cars ²	Gallons	681	656	722	730	736	678	685	695	680	688	638
Buses (incl. school).....	Gallons	3,040	2,844	2,491	2,165	1,991	1,919	1,937	2,015	2,002	2,041	1,956
Trucks ²	Gallons	1,330	1,347	1,365	1,446	1,361	1,268	1,227	1,292	1,284	1,270	1,225
Average per gallon	Miles	12.42	12.49	12.14	12.07	11.85	12.09	12.20	12.20	12.34	12.38	12.52
Cars ²	Miles	14.28	14.15	13.58	13.67	13.29	13.65	13.74	13.53	14.15	14.26	14.49
Buses (incl. school).....	Miles	5.28	5.35	5.34	5.80	5.86	5.90	5.75	5.98	5.98	5.95	5.97
Trucks ²	Miles	7.96	8.60	8.38	8.53	8.45	8.57	8.68	8.58	8.66	8.64	8.82

¹ Change from 1955. ² Includes taxicabs and motorcycles. ³ Includes combinations. Source: U.S. Federal Highway Administration, *Highway Statistics*, annual.

No. 1093. DOMESTIC MOTOR GASOLINE SUPPLY: 1973 TO 1981

YEAR	SUPPLY ¹ (1,000 bbls. per day)		Production ² (1,000 bbls. per day)	Net imports (1,000 bbls. per day)	Stocks ^{2*} (mil. barrels)	YEAR AND MONTH	SUPPLY ¹ (1,000 bbls. per day)		Production ² (1,000 bbls. per day)	Net imports (1,000 bbls. per day)	Stocks ² (mil. barrels)
	Total	Un- leaded					Total	Un- leaded			
1973, avg	6,674	(NA)	6,527	130	209.4	1980, March	6,411	3,032	6,512	154	262.7
1974, avg	6,537	(NA)	6,358	202	218.3	June	6,661	3,099	6,552	148	264.6
1975, avg	6,675	(NA)	6,518	182	234.9	Sept.	6,511	3,054	6,369	106	258.1
1976, avg	6,978	1,508	6,838	128	231.4	Dec.	6,628	3,421	6,632	121	261.3
1977, avg	7,177	1,976	7,031	215	257.6						
1978, avg	7,412	2,521	7,167	189	239.0	1981, March	6,247	3,098	6,150	189	284.4
1979, avg	7,034	2,798	6,837	181	237.1	June ⁴	6,653	3,351	6,230	195	253.9
1980, avg	6,579	3,067	6,492	140	261.3						

NA Not available. ¹ Production plus net imports less net increase in primary stocks. ² Excludes production and stocks at natural gas processing plants. ³ As of Dec. 31. ⁴ Preliminary.

Source: U.S. Energy Information Administration, *Monthly Energy Review* and *Short-Term Energy Outlook*.

No. 1094. ESTIMATED COST OF OPERATING AN AUTOMOBILE: 1970 TO 1979

[1979 estimates based on a standard-size 4-door sedan, operated from the Baltimore, Md. area, costing \$6,303, with an assumed life-span of 10 years, 100,000 miles. Similar specifications used in other years shown]

ITEM	10-YEAR TOTAL COSTS (\$1,000)				CENTS PER MILE COST, 1979 (January)					
	1970, Jan.	1974, Jan.	1976, Jan.	1979, Jan.	10- year aver- age	1st year (14,500 miles)	3d year (11,500 miles)	5th year (9,800 miles)	7th year (9,500 miles)	10th year (5,700 miles)
Total	11.9	15.9	17.9	24.6	24.6	27.2	24.2	27.3	29.2	23.3
Costs excluding taxes	10.5	14.4	16.5	23.0	23.0	23.9	22.9	25.9	27.7	21.8
Depreciation	3.2	4.2	4.9	6.3	6.3	12.1	6.1	5.4	4.2	4.4
Repairs and maintenance ¹	1.5	2.9	3.7	4.8	4.8	1.3	5.4	8.0	11.7	2.0
Replacement tires ²	.4	.4	.4	.6	.6	.3	.3	.8	.8	1.2
Accessories ³	(2)	.1	.1	.1	.1	.1	.1	.1	.2	.2
Gasoline ⁴	1.7	3.0	3.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4
Oil ⁴	.2	.2	.2	.1	.1	.1	.1	.1	.1	.2
Insurance ⁵	1.7	1.6	1.7	2.5	2.5	2.2	2.6	2.9	2.0	3.4
Garaging, parking, etc. ⁶	1.8	2.0	2.2	3.2	3.2	2.4	2.9	3.2	3.3	5.0
Taxes and fees ⁷	1.4	1.5	1.6	1.6	1.6	3.3	1.3	1.4	1.5	1.5

² Less than \$50. ¹ For 1979, includes lubrications, repacking wheel bearings, flushing cooling system, aiming headlamps; replacement of minor parts such as spark plugs, fan belts, radiator hoses, fuel filter, and pollution control equipment; minor repairs such as brake jobs, water pump, carburetor overhaul, and universal joints; and major repairs such as a complete "valve job." ² For 1979, covers 3 new regular tires and 4 new snow tires during life of car. ³ For 1979, includes a set of vinyl floor mats, seat covers, and a pair of extra wheels. ⁴ For 1979, gasoline use set at 16.0 miles per gallon; associated oil use at 1 quart oil every 2,500 miles driven between 50,000 and 75,000 miles and 1 quart every 2,000 miles driven between 75,000 and 100,000 miles. ⁵ For 1979, includes \$20,000/40,000 bodily injury, and \$10,000 property damage, \$2,500 personal injury protection, uninsured motorist coverage, and full comprehensive coverage for the 10-year period; \$100 deductible collision insurance was assumed for the first 5 years. ⁶ For 1979, includes monthly charges of \$20 for garage rental or cost of owner's garaging facility, parking fee average of \$72 per year, and toll average of \$7.80 per year. ⁷ For 1979, includes Federal excise taxes on tires of 10 cents per lb., lubricating oil of 6 cents per gallon, and gasoline of 4 cents per gallon; plus the Maryland tax on gasoline of 9 cents per gallon, titling tax of 5 percent of retail price, and registration fee of \$20.00 for 3,700 lb. or less shipping weight, or \$30.00 for vehicles over 3,700 lb. State sales tax of 5 percent included on certain items.

No. 1095. 10-YEAR COST OF OPERATING AN AUTOMOBILE, BY SIZE OF CAR: 1979

[For basis of estimates for components of cost, see footnotes, table 1094. Estimates based on vehicle operated in Baltimore, Md. area with an assumed life-span of 10 years, 100,000 miles]

ITEM	Total ¹	Costs, excl. taxes	Depreci- ation	Repairs, main- tenance	Tires	Gasoline	Insur- ance	Park- ing	Taxes and fees
Total costs (\$1,000):									
Standard ²	24.6	23.0	6.3	4.8	.6	5.4	2.5	3.2	1.6
Compact ³	21.7	20.4	5.2	4.2	.5	4.8	2.3	3.2	1.3
Subcompact ⁴	18.5	17.3	3.8	3.4	.5	4.0	2.2	3.2	1.1
Passenger van ⁵	36.2	34.1	10.2	5.3	.6	7.2	7.2	3.2	2.1
Cents per mile cost:									
Standard ²	24.58	22.98	6.26	4.80	.58	5.44	2.54	3.20	1.60
Compact ³	21.72	20.39	5.18	4.16	.52	4.83	2.28	3.17	1.33
Subcompact ⁴	18.45	17.33	3.81	3.43	.51	3.96	2.21	3.17	1.12
Passenger van ⁵	36.19	34.09	10.21	5.28	.60	7.25	7.17	3.20	2.10

¹ Includes accessories. ² Fully equipped 4-door sedan, price \$6,303. ³ 2-door sedan, price \$5,215. ⁴ 2-door sedan, price \$3,854. ⁵ Passenger van, price \$10,248.

Source of tables 1094 and 1095: U.S. Federal Highway Administration, *Cost of Operating an Automobile*, periodic.

NO. 1096. GASOLINE FUEL—RETAIL PRICES, SELECTED COUNTRIES: 1973 TO 1980

[In U.S. cents per U.S. gallon. As of July, except as indicated. Price includes tax except as noted. For most countries, based on exchange rates in effect as of July 31 of year shown. For explanation of average annual percent change, see Guide to Tabular Presentation]

ITEM	1973	1974	1975	1976	1977	1978	1979	1980	Average annual percent change, 1973-1980
United States: ¹ Regular.....	40	53	57	59	62	63	86	119	16.9
Premium.....	45	57	61	64	67	69	92	128	16.1
Tax.....	11	11	12	12	12	13	14	14	3.5
Unleaded.....	(NA)	55	60	61	66	67	90	125	² 14.7
France, Paris: Regular.....	106	132	156	140	170	215	243	297	15.9
Premium.....	82	81	94	81	110	130	167	170	11.0
Tax.....	115	143	169	151	184	232	262	317	15.6
Italy, Rome: Regular.....	99	168	166	174	206	216	244	308	17.6
Premium.....	79	120	115	116	153	180	186	189	13.3
Tax.....	105	177	171	181	215	225	253	315	17.0
United Kingdom: Regular.....	78	104	127	104	118	114	218	260	18.8
Premium.....	48	45	41	44	43	47	70	124	14.5
Tax.....	81	108	131	105	121	119	221	265	18.5
Germany, F.R., Bonn: Regular.....	118	127	125	139	144	168	209	248	11.1
Premium.....	72	85	85	85	73	81	91	123	8.0
Tax.....	131	137	134	148	154	176	219	257	10.1
Canada, Ottawa: Regular.....	49	57	66	66	69	67	71	81	7.4
Premium.....	19	19	23	29	28	26	24	25	4.0
Tax.....	53	62	67	72	75	73	78	89	7.7
Mexico, Mexico City: Regular.....	24	42	64	65	46	47	47	45	9.4
Premium.....	(NA)	(NA)	31	31	22	22	22	15	-13.5
Tax.....	36	61	91	92	66	67	67	71	17.8
Japan, Tokyo: Regular.....	83	136	136	136	163	201	227	272	18.5
Premium.....	42	45	45	57	61	87	95	93	12.0
Tax.....	98	155	163	151	178	223	246	289	16.7

NA Not available. ¹ 1973-1976 prices for regular and premium at Washington, D.C.; all other data are national averages. ² 1974-1980. ³ Excludes value-added tax. ⁴ January 1981. ⁵ Excludes import duty.

Source: U.S. Energy Information Administration; Regular—*International Petroleum Annual*; Premium—*International Energy Annual*, August 1981; U.S.—*Monthly Energy Review*.

NO. 1097. PERCENT OF OCCUPIED HOUSING UNITS WITH AUTOMOBILES AVAILABLE: 1970 TO 1977

[1970, as of April; beginning 1975, as of October-December of year shown. Data represent automobiles which are owned or regularly used by any member of the household and which are ordinarily kept at home. Includes leased automobiles, taxis, and company-owned automobiles kept at home. Based on Annual Housing Survey, see Appendix III. For composition of regions, see fig. 1 inside front cover]

CHARACTERISTIC	1970, UNITS WITH—			1975, UNITS WITH—			1977, UNITS WITH—		
	One car	Two cars	3 cars or more	One car	Two cars	3 cars or more	One car	Two cars	3 cars or more
U.S., total.....	47.7	29.3	5.5	48.1	28.3	7.0	47.5	28.8	7.8
Northeast.....	46.6	24.5	4.2	45.0	26.0	6.1	45.1	25.7	7.1
North Central.....	50.4	29.7	5.1	48.3	30.4	7.6	46.7	31.7	8.3
South.....	48.7	28.2	6.8	48.7	28.2	6.8	48.8	28.5	7.5
West.....	46.2	33.6	7.8	50.7	28.4	7.6	49.0	28.7	8.4
Metropolitan (SMSA) ¹	45.8	30.0	5.7	45.8	29.6	7.3	45.3	29.6	8.2
In central cities.....	45.4	22.1	4.1	45.3	22.9	4.9	45.2	22.5	5.7
Nonmetropolitan.....	52.1	27.9	5.1	53.2	25.5	6.4	52.1	27.0	7.0
Black.....	41.3	13.8	1.9	42.7	17.0	3.2	42.7	18.7	3.2
Spanish-origin ²	(NA)	(NA)	(NA)	46.6	21.4	4.5	45.9	21.9	5.0
Income: ³									
Under \$3,000.....	41.7	7.1	1.2	38.4	6.9	1.3	37.3	9.2	1.6
\$3,000-\$6,999.....	60.0	15.9	1.9	56.1	11.1	1.4	52.8	9.8	1.6
\$7,000-\$9,999.....	58.1	29.4	3.4	62.4	20.1	3.0	62.7	17.8	2.7
\$10,000-\$14,999.....	45.7	43.3	6.4	56.6	31.1	4.7	57.9	28.0	4.7
\$15,000-\$24,999.....	30.7	52.9	14.7	41.0	44.7	10.6	45.7	41.3	9.1
\$25,000 and over.....	22.1	53.3	21.1	25.3	47.4	22.0	27.3	46.5	22.5

NA Not available. ¹ Refers to 243 standard metropolitan statistical areas (SMSA's) as defined in 1970 census publications. For definition of SMSA's, see text, Appendix II. ² Persons of Spanish origin may be of any race. ³ Income of families and primary individuals in 12 months preceding date on interviews. For 1970, income in 1969.

Source: U.S. Bureau of the Census, *Census of Housing: 1970*, HC(2)-1; and *Current Housing Reports*, series H-150, Annual Housing Survey, part A, *General Housing Characteristics for the United States and Regions* and, part C, *Financial Characteristics of the Housing Inventory*.

No. 1098 HOUSEHOLD MOTOR VEHICLE TRANSPORTATION, BY VEHICLE CHARACTERISTICS: 1980

[For year ending May. Excludes Alaska and Hawaii. Household vehicles include all motorized vehicles used for personal transportation, excluding motorcycles, mopeds, large trucks, and buses. Based on the Household Transportation Panel survey; subject to sampling variability]

ITEM	Unit	Total ¹	VEHICLE SIZE				MODEL YEAR		
			Full size	Intermediate	Compact	Subcompact	1969 and earlier	1970 to 1974	1975 to 1980
Miles driven	Billions	1,051.2	248.5	189.4	182.0	205.2	95.6	312.6	642.3
Average per vehicle per month.....	Number.....	719.5	693.5	711.1	695.6	858.3	382.2	616.1	915.7
Fuel expenditures	Bill. dol.....	76.6	21.0	15.1	12.7	9.8	7.7	24.4	44.4
Average per vehicle per month.....	Dollars.....	52.5	58.7	58.6	48.5	40.9	30.9	46.2	63.3
Leaded fuels	Bill. dol.....	35.8	9.5	5.6	4.4	4.6	6.3	20.1	9.3
Unleaded fuels	Bill. dol.....	35.8	9.9	8.7	7.5	4.6	.5	2.3	33.0
Diesel and unknown	Bill. dol.....	5.1	1.6	.8	.7	.4	.9	2.1	2.1
Fuel purchased	Bill. gal.....	72.7	20.0	14.2	11.9	9.2	7.4	23.7	41.6
Average per vehicle	Gallons	49.8	55.8	53.2	45.5	38.3	29.8	46.7	59.3
Leaded fuels	Bill. gal.....	34.6	9.2	5.3	4.3	4.4	6.1	19.5	9.0
Unleaded fuels	Bill. gal.....	33.2	9.3	8.1	7.0	4.4	.5	2.2	30.5
Diesel and unknown	Bill. gal.....	4.9	1.6	.8	.7	.4	.9	2.0	2.0
Miles per gallon	Number.....	14.5	12.5	13.5	15.4	22.5	13.0	13.2	15.5

¹ Includes other and unknown, not shown separately.

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Consumption Patterns of Household Vehicles, June 1979 to May 1980*.

No. 1099. MEANS OF TRANSPORTATION TO WORK, BY RESIDENCE: 1975

[In thousands of workers 14 years old and over, except percent. Excludes workers living in group quarters. SMSA's refer to 243 standard metropolitan statistical areas as designated in 1970 census publications; for definitions, see text, Appendix II. Based on the Travel-to-Work Supplement to the 1975 Annual Housing Survey; see Appendix III]

MEANS OF TRANSPORTATION	Total workers	INSIDE SMSA'S					OUTSIDE SMSA'S		
		Total	Inside central cities	Outside central cities			Total	Urban	Rural
				Total	Urban	Rural			
Total	80,125	55,418	22,760	32,658	24,840	7,818	24,707	9,648	15,059
Drive alone	52,294	36,378	13,622	22,756	17,233	5,523	15,916	6,491	9,425
Carpool	15,575	10,120	3,935	6,185	4,667	1,617	5,455	1,954	3,501
Public transportation	4,825	4,625	3,188	1,437	1,358	78	201	125	75
Bus or streetcar	3,100	2,953	2,028	924	874	50	147	85	62
Subway or elevated train	1,179	1,177	1,037	141	135	6	2	-	2
Railroad	405	395	52	343	320	22	11	6	5
Taxicab	141	100	72	28	29	-	41	34	6
Other means	1,067	734	289	446	352	95	332	170	162
Walked only	3,778	2,482	1,356	1,125	924	201	1,296	673	623
Worked at home	2,585	1,079	370	709	406	304	1,506	235	1,272

- Represents zero or rounds to zero.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 99, and unpublished data.

No. 1100. MAJOR MODE OF TRANSPORTATION TO WORK—20 METROPOLITAN AREAS: 1977

[In percent of workers, 14, years old and over. Based on the Travel-to-Work Supplement of the Annual Housing Survey; see Appendix III]

METROPOLITAN AREA	WORKERS USING VEHICLES					METROPOLITAN AREA	WORKERS USING VEHICLES					Other means ²
	Total ¹	Drives alone	Carpool	Public transportation	Other means ²		Total ¹	Drives alone	Carpool	Public transportation	Other means ²	
Albany-Schenectady-Troy, N.Y.....	90	63	21	5	10	Memphis, Tenn.-Ark.....	95	70	19	4	6	
Anaheim-Santa Ana-Garden Grove, Calif.....	96	76	15	2	4	Minneapolis-St. Paul, Minn.....	92	64	17	8	8	
Boston, Mass.....	86	51	16	16	14	Newark, N.J.....	87	60	14	11	14	
Dallas, Tex.....	93	72	16	3	7	Orlando, Fla.....	95	73	18	2	5	
Detroit, Mich.....	93	72	15	4	7	Phoenix, Ariz.....	95	75	16	1	5	
Fort Worth, Tex.....	96	74	19	2	4	Pittsburgh, Pa.....	84	57	14	11	16	
Los Angeles-Long Beach, Calif.....	94	71	15	5	6	Saginaw, Mich.....	94	77	14	-	6	
Madison, Wis.....	89	59	16	8	11	Salt Lake City, Utah.....	94	66	19	6	7	
						Spokane, Wash.....	93	71	16	3	7	
						Tacoma, Wash.....	95	73	17	2	6	
						Washington, D.C.....	92	54	23	14	8	
						Wichita, Kans.....	96	74	19	2	5	

- Represents zero. ¹Includes workers using motorcycles and all other means of transportation, not shown separately. ²Walks only, works at home, and not reported.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 105.

NO. 1101. PASSENGER TRANSIT INDUSTRY—SUMMARY: 1960 TO 1979

[Beginning 1970, includes Puerto Rico. Comprises all privately and publicly owned organized local passenger transportation agencies except taxicabs, suburban railroads, and sightseeing and school buses. Covers (a) local motorbus lines, (b) light rail lines, (c) heavy rail lines, and (d) trolley coach lines. Based on financial and statistical reports received by American Public Transit Association from transit systems representing more than 85 percent of the industry. See also *Historical Statistics, Colonial Times to 1970*, series Q 238-250]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979, prel.
Operating systems	Number	1,251	1,148	1,079	946	947	955	1,009	1,018	1,027
Motorbus systems ¹	Number.....	1,236	1,145	1,075	941	941	950	1,004	1,014	1,023
Publicly owned systems ¹	Number.....	54	78	144	308	333	375	455	493	523
Passenger vehicles owned	Number	65,292	61,717	61,350	59,889	62,226	63,787	63,287	64,013	65,696
Motorbuses.....	Number.....	49,600	49,600	49,700	48,700	50,811	52,362	51,968	52,866	54,480
Electric railway cars ^{2 a}	Number.....	11,866	10,664	10,600	10,471	10,712	10,720	10,674	10,554	10,524
Heavy rail.....	Number.....	9,010	9,115	9,338	9,403	9,608	9,714	9,639	9,667	9,522
Trolley coaches.....	Number.....	3,828	1,453	1,050	718	703	685	645	593	682
Operating revenue ⁴	Mill. dol.	1,407	1,444	1,707	1,940	2,002	2,161	2,280	2,381	2,506
Motorbus.....	Mill. dol.	956	1,036	1,236	1,377	1,438	1,486	1,584	1,671	1,785
Electric railway ^{2 a}	Mill. dol.	369	366	440	542	549	660	681	695	708
Heavy rail.....	Mill. dol.	282	310	384	506	517	631	653	665	677
Expenses.....	Mill. dol.	1,377	1,454	1,996	3,239	3,752	4,082	4,366	4,789	5,514
Operating income ⁵	Mill. dol.	31	-11	-288	-1,300	-1,750	-1,921	-2,086	-2,408	-3,008
Operating assistance	Mill. dol.	(NA)	(NA)	(NA)	(NA)	1,408	1,647	1,904	2,232	2,811
Federal.....	Mill. dol.	(NA)	(NA)	(NA)	(NA)	302	423	585	690	856
State.....	Mill. dol.	(NA)	(NA)	(NA)	(NA)	407	367	478	568	603
Local.....	Mill. dol.	(NA)	(NA)	(NA)	(NA)	699	857	841	978	1,353
Vehicle-miles operated ⁴	Mill.	2,143	2,008	1,883	1,907	1,990	2,026	2,021	2,028	2,029
Motorbus.....	Mill.	1,576	1,528	1,409	1,431	1,526	1,581	1,623	1,630	1,617
Electric railway ^{2 a}	Mill.	466	437	441	459	448	430	383	384	400
Heavy rail.....	Mill.	391	395	407	432	423	407	361	364	380
Passengers carried ⁴	Mill.	9,395	8,253	7,332	6,935	6,972	7,081	7,286	7,616	8,130
Motorbus ⁴	Mill.	6,425	5,814	5,034	4,976	5,084	5,247	4,949	5,142	5,565
Electric railway ^{2 a}	Mill.	2,313	2,134	2,116	1,876	1,810	1,759	2,267	2,404	2,503
Revenue passengers carried	Mill.	7,521	6,798	5,932	5,606	5,643	5,673	5,723	5,963	6,370
Motorbus.....	Mill.	5,069	4,730	4,058	3,998	4,095	4,168	4,246	4,406	4,756
Electric railway ^{2 a}	Mill.	2,005	1,882	1,746	1,549	1,493	1,450	1,425	1,506	1,569
Heavy rail.....	Mill.	1,670	1,676	1,774	1,435	1,388	1,353	1,335	1,415	1,474
Trolley coach.....	Mill.	447	186	128	60	56	54	51	51	45
Average fares:	Cents	17.96	20.55	29.41	31.76	31.99	32.77	34.80	35.75	35.91
Motorbus.....	Cents.....	22.09	23.82	27.03	27.88	29.89	29.88	30.24	33.40	33.59
Light rail.....	Cents.....	18.14	16.63	23.42	33.91	36.34	45.56	47.51	46.09	45.25
Heavy rail.....	Cents.....	18.12	21.83	23.84	28.91	27.50	27.83	28.16	28.12	28.67
Trolley coach.....	Cents.....	18.12	21.83	23.84	28.91	27.50	27.83	28.16	28.12	28.67
Employees, number (avg.)	1,000	156	145	138	153	160	163	163	165	172
Payroll, employee.....	Mill. dol.	857	964	1,274	1,967	2,236	2,404	2,547	2,741	3,059
Average earnings per employee.....	Dollars.....	5,481	6,645	9,230	12,849	13,993	14,751	15,671	16,569	17,804

NA Not available. ¹ Includes systems with combined services including motorbuses, heavy rail cars, light rail cars, trolley coaches, cable cars, and inclined plane cars. ² Includes light rail. ³ Beginning 1975, includes cable car and inclined plane. ⁴ Includes trolley coach, not shown separately. ⁵ Minus sign (-) denotes deficit. ⁶ Data for 1960-1976 not comparable with later years.

Source: American Public Transit Association, Washington, D.C., *Transit Fact Book*, annual.

NO. 1102. FEDERAL GRANT APPROVALS FOR MASS TRANSPORTATION: 1965 TO 1980

[In millions of dollars. For years ending June 30 through 1976 except, beginning 1977, ending Sept. 30. Excludes direct Congressional authorizations to States or localities (major example is Washington, D.C.'s Metro System). Mass transportation is defined as transportation by bus, or rail or other conveyance, either publicly or privately owned which provides to the public general or special service (excluding school buses, charter and sightseeing service) on a regular and continuing basis]

TYPE OF GRANT	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total grant approvals.....	51	133	511	864	956	1,430	1,843	2,286	2,722	2,970	3,908
Capital grant approvals.....	51	133	511	864	956	1,287	1,479	1,724	2,037	2,102	2,787
Section 3 ¹	51	133	510	864	870	1,197	1,092	1,250	1,400	1,225	1,655
Section 5 ¹	(X)	(X)	(X)	(X)	(X)	9	26	39	50	256	431
Interstate and urban system ²	(X)	(X)	(X)	(X)	86	81	361	434	587	621	701
Operating grant approvals, Section 5 ¹	(X)	(X)	(X)	(X)	(X)	143	364	572	685	868	1,121

X Not applicable. ¹ Grants allowed under Urban Mass Transportation Act of 1964 as amended. Section 3 grants are discretionary grants awarded upon application by local authorities. Section 5 grants are formula grants awarded to cities meeting certain criteria. ² Grants under Federal Highway Act of 1973.

Source: American Public Transit Association, *Transit Fact Book*, annual. Data from U.S. Urban Mass Transportation Administration.

NO. 1103. CLASS I INTERCITY MOTOR CARRIERS OF PROPERTY: 1960 TO 1976

[See headnote, table 1105. See also *Historical Statistics, Colonial Times to 1970*, series Q 76-81]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976 ¹
Carriers reporting.....	Number.....	935	1,114	1,376	1,525	1,442	757	770	852
Number of employees, average.....	1,000.....	327	375	500	542	580	500	409	445
Compensation of employees.....	Mil. dol.....	2,103	2,948	4,914	6,666	7,411	6,633	6,991	7,564
Operating revenue.....	Mil. dol.....	4,763	7,131	11,137	14,994	16,600	16,751	16,164	18,380
Expenses.....	Mil. dol.....	4,645	6,760	10,763	14,156	15,787	15,953	15,451	17,236
Net operating revenue.....	Mil. dol.....	119	371	375	838	813	797	713	1,124
Ordinary income, before taxes ²	Mil. dol.....	81	329	275	763	691	744	(NA)	(NA)
Ordinary income, after taxes ²	Mil. dol.....	37	209	150	460	427	438	264	332
Owned revenue vehicles.....	1,000.....	279	355	483	530	555	533	(NA)	(NA)
Trucks.....	1,000.....	31	36	54	56	58	53	(NA)	(NA)
Truck tractors.....	1,000.....	88	105	135	148	154	146	(NA)	(NA)
Trailers (semi and full).....	1,000.....	161	214	294	327	343	334	(NA)	(NA)
Intercity vehicle-miles.....	Mil.....	7,203	9,154	11,498	14,177	14,900	13,160	(NA)	(NA)
Intercity revenue freight carried.....	Mil. ton.....	276	419	552	652	698	539	(NA)	(NA)
Intercity revenue per intercity vehicle-mile.....	Dollar.....	.64	.74	.91	.89	1.05	1.14	(NA)	(NA)
Total expense per intercity vehicle-mile.....	Dollar.....	.65	.72	.94	1.00	1.06	1.21	(NA)	(NA)

NA Not available. ¹ Preliminary. ² Income taxes.

NO. 1104. CLASS I INTERCITY MOTOR CARRIERS OF PROPERTY, BY CARRIER: 1975 TO 1979

[See headnote, table 1105. Common carriers are carriers offering regular scheduled service. Contract carriers provide service at request of user]

ITEM	Unit	COMMON CARRIER, GENERAL FREIGHT		COMMON CARRIER ¹		CONTRACT CARRIER ¹		CARRIERS OF HOUSEHOLD GOODS	
		1975	1979	1975	1978	1975	1978	1975	1978
Carriers reporting.....	Number.....	366	321	330	514	50	66	32	33
Number of employees, average.....	1,000.....	379	366	94	119	10	14	4	11
Compensation of employees.....	Mil. dol.....	5,728	8,284	1,046	2,140	175	314	70	152
Operating revenues.....	Mil. dol.....	11,116	16,888	3,907	8,095	453	956	866	1,381
Intercity freight.....	Mil. dol.....	10,511	16,631	3,717	7,366	411	786	765	1,255
Operating expenses.....	Mil. dol.....	10,571	16,318	3,758	7,692	432	909	849	1,370
Ordinary income before taxes.....	Mil. dol.....	432	468	109	338	17	41	32	30
Net income.....	Mil. dol.....	225	335	65	234	9	29	18	16
Total power units, intercity service.....	1,000.....	78	80	69	105	8	11	18	26
Trucks, tractors owned in operation, average.....	1,000.....	49	50	25	41	5	7	(Z)	1
Intercity vehicle-miles.....	Mil.....	6,246	7,567	4,776	7,651	454	769	688	866
Tons of intercity revenue freight carried.....	Mil.....	191	220	264	466	21	28	3	5

Z Less than 500. ¹ Other than general freight.Source of tables 1103 and 1104: U.S. Interstate Commerce Commission, *Transport Statistics in the United States*, Part 2, annual.

NO. 1105. CLASS I INTERCITY MOTOR CARRIERS OF PASSENGERS: 1960 TO 1979

[Carriers subject to ICC regulations. See text, p. 1, for class limits. See also *Historical Statistics, Colonial Times to 1970*, series Q 69-75]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979
Carriers reporting ¹	Number.....	143	156	71	81	77	78	42	43	45
Number of employees, average.....	1,000.....	35	35	34	36	31	32	27	26	27
Compensation of employees.....	Mil. dol.....	196	250	317	415	383	446	400	412	469
Operating revenue.....	Mil. dol.....	463	607	722	933	942	975	969	² 1,021	1,200
Passenger revenue ³	Mil. dol.....	382	467	524	662	651	645	655	671	802
Special bus revenue and other.....	Mil. dol.....	81	141	198	271	291	(NA)	314	345	398
Expenses.....	Mil. dol.....	405	514	639	859	880	937	924	983	1,143
Net operating revenue.....	Mil. dol.....	58	90	83	74	61	37	45	38	57
Ordinary income:										
Before income taxes.....	Mil. dol.....	55	90	88	93	83	49	58	57	57
After income taxes.....	Mil. dol.....	28	52	52	61	56	32	40	41	57
Passenger vehicles in service ³	1,000.....	12.7	13.3	13.3	13.8	9.7	(NA)	8.3	8.5	8.2
Owned end of year ³	1,000.....	10.9	11.3	10.2	9.9	9.6	(NA)	8.0	7.8	7.9
Intercity.....	1,000.....	11.1	10.1	9.2	8.6	8.7	(NA)	7.7	7.6	7.9
Vehicle-miles, passenger.....	Mil.....	843	947	871	886	835	(NA)	754	726	754
Revenue passengers carried.....	Mil.....	268	219	174	189	147	(NA)	122	118	122
Expense per vehicle-mile.....	Dollar.....	.48	.54	.73	.97	1.05	(NA)	1.23	1.35	1.52

NA Not available. ¹ Excludes carriers preponderantly in local or suburban service and carriers engaged in transportation of both property and passengers. ² Includes \$4 million from Government authorities for current operations. ³ Regular route, intercity and local.Source: U.S. Interstate Commerce Commission, *Transport Statistics in the United States*, 1960-1970, Part 7, and 1974-1979, Part 2, annual; except 1976, *Financial and Operating Statistics, Class I Motor Carriers of Passengers*, statement No. 750, semiannual. [Discontinued in 1978.]

Transportation—Land

NO. 1106. BUS AND TRUCK CARRIERS, BY KIND OF BUSINESS: 1977

[Includes only establishments with payroll and not subject to regulation by the Interstate Commerce Commission; excludes bus carriers operated by municipalities or other governmental bodies]

CARRIERS BY KIND OF BUSINESS	Establishments	Operating revenue (mil. dol.)	Payroll (mil. dol.)	Paid employees ¹ (1,000)	TYPE OF TRUCK CARRIER	Establishments ⁴	OPERATING REVENUE ⁵ (mil. dol.)	
							Total ⁶	Motor carrier ⁷
Passenger transport²	1,360	467	242	25	Total truck carriers	58,335	12,619	11,577
Local sched. carriers	379	213	137	11	General freight	14,252	3,513	3,306
Airport bus or limo	119	47	20	3	Household goods	5,751	1,125	764
Sightseeing bus	318	70	26	4	Sand and gravel	10,579	2,211	2,063
Intercity scheduled bus	190	38	25	2	Trash or garbage	6,541	1,271	1,187
Charter or special bus	354	99	34	5	Package delivery	1,710	317	307
Motor freight transport	58,335	12,619	3,641	334	Agricultural products	10,725	2,088	1,970
Local truck or draying	41,770	8,234	2,393	219	Mail, contract	2,028	283	275
Trucking, except local	12,020	3,109	797	69	Timber	1,862	378	361
Local trucking, storage ³	4,545	1,276	451	46	Other commodities	4,887	1,433	1,324

¹ For week including March 12. ² Excludes taxicabs, ambulance services, other nonscheduled carriers, school buses, and terminal and service facilities. ³ Includes household goods. ⁴ Establishments reporting represent 62 percent of all establishments. ⁵ Revenue of establishments reporting its source represents 68 percent of total operating revenue of all establishments. ⁶ Revenue of establishments reporting its source and type of carrier represents 66 percent of total operating revenue of all establishments. ⁷ Includes revenue from warehousing and storage and other sources. ⁸ Includes local trucking, moving, and storage.

Source: U.S. Bureau of the Census, *Census of Transportation, 1977*.

NO. 1107. INTERCITY BUS LINES—SUMMARY OF OPERATIONS: 1960 TO 1980

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980 ¹
Operating companies	Number	1,150	1,100	1,000	950	1,000	1,050	1,100	1,200	1,330
Buses	1,000	21.0	19.8	22.0	20.5	20.1	20.3	20.3	20.7	21.9
Miles of highway served (Dec. 31) ²	1,000	265	263	267	274	276	276	278	280	280
Employees (Dec. 31) ³	1,000	45	45	50	47	46	46	46	47	50
Total bus miles	1,000	1,092	1,157	1,209	1,126	1,118	1,118	1,099	1,125	1,182
Revenue passengers	Millions	356	378	401	351	340	328	336	359	373
Revenue passenger-miles	Billions	19.3	23.8	25.3	25.4	25.1	25.7	25.4	27.2	27.7
Operating revenue, all services	Mil. dol.	558	701	901	1,172	1,232	1,331	1,420	1,655	1,847
Operating expenses	Mil. dol.	495	600	812	1,103	1,180	1,276	1,388	1,565	1,813
Net operating revenue ⁴	Mil. dol.	61	101	89	68	52	55	54	80	134

¹ Estimated. ² Includes duplication between carriers. ³ Operating companies only. ⁴ Before income taxes.

Source: American Bus Association, Washington, D.C., *Bus Facts*, annual.

NO. 1108. TRUCKS AND TRUCK-MILES, BY VEHICLE AND OPERATIONAL CHARACTERISTICS: 1977

[Data are based on a stratified probability sample of trucks drawn from current registrations on file with motor vehicle departments in the 50 States and D.C.]

ITEM	TRUCKS (1,000)		TRUCK-MILES (bil.)		ITEM	TRUCKS (1,000)		TRUCK-MILES (bil.)	
	Total	Excluding pick-ups, panels	Total	Excluding pick-ups, panels		Total	Excluding pick-ups, panels	Total	Excluding pick-ups, panels
Total trucks	26,213	4,062	312.5	74.2	Body type—Con.:				
Major use:					Utility truck	201	201	2.2	2.2
Agriculture, forestry and lumbering	4,466	1,203	40.0	9.6	Dump truck	452	452	6.4	6.4
Construction	1,755	601	25.7	8.1	Tank truck	272	272	7.3	7.3
Manufacturing	368	197	8.8	6.2	All other	471	471	6.7	6.7
Wholesale and retail trade	2,008	759	36.6	17.3	Size-class:²				
For hire	547	453	23.7	22.0	Light	22,395	680	236.4	5.5
Personal transportation	14,261	35	143.4	.1	Medium	1,583	1,163	16.2	10.9
Utilities and services	2,122	536	26.1	5.7	Light-heavy	802	796	8.2	8.2
All other	576	278	8.3	5.2	Heavy-heavy	1,433	1,433	49.7	49.7
Body type:					Annual miles:				
Pickup	17,832	(x)	182.9	(x)	Less than 5,000 miles	6,280	1,422	13.1	2.6
Panel, multi-stop ¹	4,519	(x)	55.4	(x)	5,000–9,999 miles	6,298	735	43.5	4.9
Platform and cattle rack	1,773	1,779	18.9	18.9	10,000–19,999 miles	9,691	810	122.7	10.7
Vans ¹	687	887	32.7	32.7	20,000–29,999 miles	2,408	358	54.1	8.2
					30,000–49,999 miles	980	302	34.2	11.2
					50,000 miles or more	557	435	44.9	36.6

X Not applicable. ¹ Vans similar to panel trucks are included in panel, multistop. ² Gross vehicle weight (empty-weight of the vehicle plus the maximum carried load). Light=10,000 lbs. or less; medium=10,001–19,500 lbs.; light-heavy=19,501–26,000 lbs.; and heavy-heavy=26,001 lbs. or more.

Source: U.S. Bureau of the Census, *U.S. Census of Transportation: 1972, TC72-T52, and 1977, TC77-T52*.

NO. 1109. RAILROADS—SUMMARY STATISTICS: 1950 TO 1979

[As of Dec. 31, or calendar year data, except as noted. Prior to 1960, excludes Alaska and Hawaii. Covers class I and II railroads, excluding switching and terminal companies, except as noted. Includes intercorporate duplications. See also *Historical Statistics, Colonial Times to 1970*, series Q 284-312, Q 330, Q 356-363, and Q 367-377]

ITEM	Unit	1950	1955	1960	1965	1970	1975	1977	1978	1979
Class I line-hauling companies ¹	Number.....	127	126	106	76	71	74	58	40	40
Class II line-hauling companies ¹	Number.....	171	155	304	302	273	245	251	19	23
Employees ²	1,000.....	1,237	1,071	793	655	577	502	510	480	492
Compensation.....	Mil. dol.....	4,645	5,045	4,957	4,887	5,646	7,674	9,356	9,734	11,004
Mileage:										
Road owned, first track ³	1,000.....	224	221	216	211	206	199	190	178	163
Track operated:										
Reporting railroads ⁴	1,000.....	396	391	382	371	360	340	321	322	(NA)
First track ⁴	1,000.....	237	234	230	226	220	215	209	196	187
Other main tracks.....	1,000.....	40	39	35	31	29	21	21	26	26
Yardtrack, sidings.....	1,000.....	119	118	117	113	112	105	101	101	98
Operated by receivers ⁵	1,000.....	12	12	1	2	23	27	(NA)	(NA)	(NA)
Equipment: ⁶										
Locomotives in service.....	1,000.....	43.0	33.5	31.2	30.1	29.1	30.2	29.7	27.0	27.9
Avg. tractive effort ⁷	1,000 lb.....	57.1	65.0	61.3	63.1	^a 1.9	^a 2.1	^a 2.2	^a 2.1	^a 2.2
Cars in service:										
Passenger-train.....	1,000.....	37.4	32.1	25.7	20.0	11.4	6.7	5.7	2.4	2.4
Freight train ⁸	1,000.....	1,746	1,724	1,690	1,515	1,454	1,345	1,275	1,201	1,148
Average capacity ¹⁰	Tons.....	52.6	53.7	55.4	59.8	67.1	73.0	75.5	77.8	79.7
Capital and property investment: ¹¹										
Road and equipment, book value ¹²	Mil. dol.....	30,174	33,035	35,513	35,489	37,918	40,196	38,342	38,702	40,133
Depreciation reserve ¹³	Mil. dol.....	6,629	7,314	8,532	9,342	9,930	10,650	9,994	10,377	10,487
Capitalization outstanding ¹⁴	Mil. dol.....	18,274	(NA)	16,134	14,857	14,339	13,473	14,781	16,343	17,089
Capital surplus and retained income.....	Mil. dol.....	7,037	(NA)	11,356	12,945	13,002	11,297	12,039	¹⁵ 12,565	14,055
Stock paying dividends.....	Mil. dol.....	6,769	7,300	5,617	4,845	3,595	3,402	3,745	-	-
Dividends declared.....	Mil. dol.....	349	476	412	533	486	458	629	521	610
Interest accrued on funded debt.....	Mil. dol.....	367	374	387	403	554	716	688	774	825
Income and expenses:										
Operating revenues.....	Mil. dol.....	9,587	10,230	9,842	10,425	12,209	16,929	20,800	22,138	25,732
Operating expenses.....	Mil. dol.....	7,135	7,724	7,657	8,003	9,806	13,687	17,398	21,424	24,447
Tax accruals.....	Mil. dol.....	1,212	1,101	1,020	948	1,104	1,684	2,040	2,097	2,277
Net railway operating income.....	Mil. dol.....	1,055	(NA)	595	980	506	36	¹⁶ -136	451	873
Net income ¹¹	Mil. dol.....	855	959	473	866	¹⁷ 126	¹⁷ 12	¹⁸ -158	¹⁸ -284	¹⁸ -1,018
Passenger service:										
Passengers carried.....	Mil.....	486	433	327	306	289	270	276	262	274
Passenger-miles.....	Mil.....	31,790	28,548	21,284	17,454	10,768	9,948	10,306	6,262	6,500
Commutation ¹⁰	Mil.....	4,990	4,776	4,197	4,128	4,592	4,513	4,586	4,668	(NA)
Coach ¹⁰	Mil.....	17,443	17,314	13,422	11,069	5,614	4,750	5,185	5,088	(NA)
Parlor and sleeping car ¹⁰	Mil.....	9,338	6,441	3,643	2,191	765	502	524	467	(NA)
Passenger revenue.....	Mil. dol.....	815	744	641	556	423	539	612	379	409
Revenue per passenger-mile.....	Cents.....	2.56	2.61	3.01	3.19	3.92	5.41	5.94	6.06	6.30
Average journey per passenger.....	Miles.....	65.14	65.88	65.05	57.07	37.26	36.81	37.31	23.89	23.75
Freight service:										
Freight revenue.....	Mil. dol.....	7,934	8,665	8,152	9,037	11,124	15,623	19,232	20,610	23,903
Revenue-tons originated.....	Mil.....	1,421	1,459	1,301	1,479	1,572	1,470	1,519	1,431	1,543
Tons carried one mile.....	Bil.....	592	627	575	706	771	759	834	868	916
Revenue ton-miles per mile of road.....	1,000.....	2,497	2,679	2,497	3,121	3,468	3,161	3,542	4,369	4,669
Revenue per ton-mile.....	Cents.....	1.341	1.382	1.417	1.281	1.443	2.060	2.306	2.374	2.608
Haul per ton, U.S. as a system.....	Miles.....	416	430	442	477	490	516	549	606	594
Accidents: ¹⁸										
Persons killed.....	Number.....	3,398	2,667	2,248	2,399	2,225	1,580	1,530	1,646	1,429
Persons injured.....	Number.....	33,255	27,832	19,577	25,780	21,327	54,306	67,867	72,545	74,126

- Represents zero. NA Not available. ¹See text, p. 610 for definitions of class I and class II. ²Average mid-month count. ³Includes lessors, proprietary, unofficial, and, through 1960, circular companies. ⁴Includes mileage in Canada. ⁵Includes track operated by trustees. ⁶Includes switching and terminal companies, except average tractive effort and average capacity. ⁷For 1950 and 1955, steam locomotives of class I railroads; beginning 1960, all locomotives of class I railroads. ⁸Represents horsepower. In thousands. ⁹Excludes caboose cars. ¹⁰Class I railroads only. ¹¹Includes lessors. ¹²Increase in investment over a period of years cannot be obtained accurately by subtraction of 1 year's investment from that of another owing to reorganization, sale or abandonment, reclassification, etc. Also includes proprietary companies. ¹³Includes amortization, applicable to proprietary companies. ¹⁴Comprises common stock, preferred stock, and funded debt unamortized. ¹⁵Represents total retained earnings. ¹⁶Minus sign (-) denotes deficit. ¹⁷After extraordinary and prior period items. ¹⁸Includes highway grade crossing casualties. Beginning 1975 not comparable with previous years due to change in requirements for reporting injuries.

Source: U.S. Interstate Commerce Commission, *Transport Statistics in the United States*, Part 1, annual, and, 1950-1965, *Accident Bulletin*, annual. Beginning 1970, accident data from U.S. Federal Railroad Administration, *Accident Bulletin*, annual.

NO. 1110. RAILROADS—EQUIPMENT IN SERVICE AND FUEL AND POWER CONSUMED: 1960 TO 1979

[See text, p. 610, for definition of class I. See also *Historical Statistics, Colonial Times to 1970*, series Q 301-305 and 388-397]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977 ¹	1978 ¹	1979 ¹
Locomotives.....	1,000.....	31.2	30.1	29.1	29.3	29.9	30.2	30.2	29.6	27.3	27.0	27.9
Steam.....	1,000.....	.4	.1	-	-	-	-	-	-	-	-	(NA)
Electric.....	1,000.....	.5	.4	.3	.3	.2	.2	.2	.2	.1	.1	(NA)
Diesel.....	1,000.....	30.2	29.6	28.8	29.0	29.4	29.7	29.7	29.1	27.1	26.9	(NA)
New units installed ¹	Number.....	389	1,387	271	962	597	649	588	146	(NA)	(NA)	(NA)
Freight cars².....	1,000.....	1,690	1,515	1,454	1,411	1,387	1,369	1,345	1,309	1,232	1,167	1,148
Box.....	1,000.....	700	593	590	567	558	554	531	503	466	376	(NA)
Gondola and hopper.....	1,000.....	831	754	724	712	697	684	685	681	651	637	(NA)
Other.....	1,000.....	159	168	140	132	132	132	129	125	115	154	(NA)
Aggregate capacity ¹	Mil. tons.....	91.9	88.3	95.6	96.1	95.6	95.7	95.9	93.7	93.0	90.8	(NA)
Average capacity ¹	Tons.....	55.4	59.8	67.1	69.6	70.5	71.4	73.0	73.8	75.5	77.8	(NA)
New units installed ¹	1,000.....	54.0	62.9	37.3	21.5	26.9	28.1	31.2	23.5	(NA)	(NA)	(NA)
Passenger-train cars.....	1,000.....	25.7	20.0	11.4	7.8	7.4	7.1	6.7	5.6	5.5	2.2	2.3
Fuel and power consumed:¹												
Diesel oil.....	Mil. gal.....	3,472	3,742	3,808	4,074	4,223	4,199	3,806	3,989	3,985	3,986	4,072
Electricity.....	Mil. kWh.....	1,641	1,509	1,341	1,384	1,230	1,590	1,553	1,415	(NA)	(NA)	(NA)

- Represents zero. NA Not available. ¹Class I railroads. ²Excludes caboose cars.

Source: U.S. Interstate Commerce Commission, *Transport Statistics in the United States*, Part 1, annual, and *Annual Report*.

NO. 1111. RAILROADS CLASS I LINE-HAUL—EMPLOYEES, HOURS, AND COMPENSATION: 1960 TO 1980

[Excludes switching and terminal roads. See text, p. 610, for class limits. See also *Historical Statistics, Colonial Times to 1970*, series Q 398-399]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980, prel.
Employees, average.....	1,000.....	780	840	566	533	494	496	501	480	483	459
Man-hours paid for.....	Millions.....	1,841	1,565	1,379	1,084	977	985	988	925	950	904
Average hours per employee.....	Hours.....	2,358	2,445	2,436	1,996	1,978	1,986	1,972	1,960	1,969	1,968
Compensation of employees:											
Total.....	Mil. dol.....	4,894	4,793	5,557	7,576	7,563	8,494	9,224	9,566	10,904	11,318
Average per hour.....	Dollars.....	2.66	3.06	4.04	7.12	7.74	8.62	9.34	10.34	11.48	12.52
Average per year.....	Dollars.....	6,270	7,490	9,841	14,214	15,310	17,125	18,411	20,267	21,592	24,658

Source: U.S. Interstate Commerce Commission, *Transport Statistics in the United States*, Part 1, annual, and Statement No. A-300, annual.

NO. 1112. RAILROAD ACCIDENTS—DEATHS AND INJURIES: 1960 TO 1979

[Casualty data prior to 1975 cover only those cases where a person lost time from that person's job or other usual activity. Beginning 1975, covers cases with lost time, those requiring medical treatment beyond first aid, termination of employment, transfer to another job, loss of consciousness, and occupational illnesses. Prior to 1975, cases where death occurred more than 24 hours after the injury were classified as injuries; beginning 1975 they were classified as deaths. See also *Historical Statistics, Colonial Times to 1970*, series Q 385-387 and Q 400-401]

TYPE OF CASUALTY	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Persons killed, total.....	2,248	2,399	2,225	1,916	1,908	1,560	1,630	1,530	1,646	1,429
In hwy. grade crossing accidents.....	1,364	1,534	1,440	1,185	1,220	978	1,114	944	1,021	834
Involving motor vehicles ¹	1,254	1,434	1,337	1,035	1,091	765	956	822	908	811
Passengers on trains.....	32	11	8	6	7	8	5	4	13	6
Railroad employees on duty.....	190	172	155	158	140	110	100	114	122	101
Trespassers and other.....	2,026	2,216	2,062	1,752	1,761	1,442	1,525	1,412	1,511	1,322
Persons injured.....	19,577	25,789	21,327	18,245	20,818	54,306	65,331	67,867	72,545	74,126
In hwy. grade crossing accidents.....	3,424	3,801	3,336	3,283	3,249	4,168	4,831	4,649	4,256	4,172
Involving motor vehicles ¹	3,277	3,663	3,205	3,158	3,110	3,568	4,307	4,455	4,087	3,983
Passengers on trains.....	1,463	1,189	489	503	574	1,307	998	503	1,252	1,001
Railroad employees on duty.....	13,245	18,644	15,743	13,098	15,620	47,318	57,889	61,028	65,071	66,924
Trespassers and other.....	4,869	5,956	5,095	4,653	4,624	5,681	6,444	6,336	6,222	6,201
Hwy. grade crossings ² (1,000).....	225	216	211	208	209	208	208	206	201	200
Specially protected ³ (1,000).....	42	44	47	49	49	47	48	48	48	49

¹Excludes motorcycles. ²Class I railroads only. ³Includes crossings with operated gates or watchmen, during at least part of the day; and those with audible or visible signals. Excludes those with fixed signs only.

Source: 1960 and 1965, U.S. Interstate Commerce Commission and, thereafter, U.S. Federal Railroad Administration, *Accident Bulletin*, annual, and *Rail-Highway Grade Crossing Accident Bulletin*, annual.

NO. 1113. RAILROADS, CLASS I LINE-HAUL—FINANCIAL SUMMARY: 1970 TO 1980

[In millions of dollars, except as indicated. Minus sign (—) denotes deficit. Data prior to 1978 have been restated to conform with revised Uniform System of Accounts. See *Historical Statistics, Colonial Times to 1970*, series Q 364-366 and Q 378 for similar data]

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Operating revenues.....	11,992	13,410	14,770	16,923	16,402	18,536	20,080	21,721	25,219	28,254
Freight.....	11,106	12,670	13,856	15,863	15,390	17,400	18,892	20,236	23,447	26,350
Passenger.....	420	257	259	290	297	327	337	356	382	451
Other.....	466	483	655	770	715	809	861	1,130	1,390	1,454
Operating expenses.....	11,478	12,528	13,845	15,783	15,936	17,881	19,534	21,043	23,994	26,352
Net revenue from railway operations.....	514	881	925	1,140	466	655	557	678	1,225	1,902
Total income.....	994	1,274	1,391	1,897	1,094	1,358	1,353	1,623	2,397	3,137
Income taxes on ordinary income ¹	88	113	130	217	58	163	60	183	199	310
Net income (ordinary).....	227	319	359	730	144	355	326	307	938	1,131
Net railway operating income.....	486	654	650	768	351	452	343	427	837	1,337
Rate of return (percent).....	1.73	2.34	2.33	2.70	1.20	1.60	1.24	1.52	2.87	4.25
Shareowners' equity.....	17,323	16,110	16,338	14,945	14,942	15,230	15,727	16,175	17,796	(NA)
Net working capital ²	59	61	158	219	68	343	571	603	555	928
Cash dividends.....	421	410	421	510	434	444	497	503	563	554
Gross capital expenditures.....	1,351	1,216	1,342	1,565	1,790	1,725	2,290	2,739	3,324	3,621
Equipment.....	993	848	893	1,038	1,303	1,175	1,540	1,883	2,265	2,346
Roadway and structures.....	358	368	449	527	486	550	751	855	1,039	1,275

¹ Includes State income taxes beginning 1978.

² Current assets minus current liabilities, including debt due within one year.

Source: Association of American Railroads, *Statistics of Railroads of Class I*, annual, and *Yearbook of Railroad Facts*.

NO. 1114. RAILROADS, CLASS I LINE-HAUL—SELECTED PASSENGER STATISTICS: 1960 TO 1979

[See text, p. 610, for definition of class I. See also *Historical Statistics, Colonial Times to 1970*, series Q 313-315]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Average miles of road operated.....	1,000.....	94	77	50	28	31	32	33	32	30	32
Passenger revenue.....	Mil. dol.....	640	553	420	442	538	536	592	606	608	708
Revenue per passenger-mile:											
Includes commutation passengers.....	Cents.....	3.01	3.18	3.90	4.76	5.22	5.50	5.59	5.91	5.95	6.26
Excludes commutation passengers.....	Cents.....	3.03	3.14	4.02	5.19	5.85	6.31	6.30	6.64	6.62	6.99
Revenue passengers carried.....	Mil.....	326	299	284	254	274	289	268	275	281	301
Amtrak.....	Mil.....	(X)	(X)	(X)	17	18	18	19	19	19	21
Revenue passenger-miles.....	Bil.....	21.3	17.4	10.8	9.3	10.3	9.9	10.6	10.3	10.2	11.3
Amtrak.....	Bil.....	(X)	(X)	(X)	3.8	4.3	3.9	4.3	4.2	4.2	4.9
Average distance.....	Miles.....	65.2	58.2	37.9	36.6	37.7	35.8	39.6	37.5	38.3	37.5
Revenue passenger-miles per train-mile.....	Number.....	101	101	117	153	161	150	158	156	159	188
Revenue passenger-miles per car-mile.....	Number.....	19.3	19.5	25.8	34.2	35.3	35.2	36.7	36.5	38.4	(NA)
Passenger-train miles.....	Mil.....	209	172	92	61	64	66	67	66	64	80
Passenger-carrying car-miles.....	Mil.....	1,101	885	417	272	293	281	289	282	280	(NA)
Train-miles per train-hour.....	Miles.....	40.7	41.3	40.1	37.6	38.2	39.2	32.7	33.0	32.4	(NA)

NA Not available. X Not applicable.

NO. 1115. RAILROADS, CLASS I LINE-HAUL—SELECTED FREIGHT STATISTICS: 1960 TO 1979

[Excludes switching and terminal roads. Tons of 2,000 pounds. See text, p. 610, for definition of class I. See *Historical Statistics, Colonial Times to 1970*, series Q 319, for train-miles per train-hour]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Average miles of road operated.....	1,000.....	219	212	209	208	207	208	205	200	197	192	188
Freight revenue.....	Bil. dol.....	8.0	8.8	10.9	12.6	13.8	15.8	15.4	17.4	18.9	20.3	23.5
Per ton-mile.....	Cents.....	1.40	1.27	1.43	1.62	1.62	1.85	2.04	2.20	2.29	2.37	2.57
Per ton.....	Dol.....	3.51	3.48	4.18	4.94	5.10	5.91	6.32	7.42	8.00	9.17	9.55
Revenue freight:												
Tons originated.....	Mil.....	1,241	1,387	1,485	1,448	1,532	1,530	1,395	1,370	1,395	1,390	1,502
Tons carried.....	Mil.....	2,291	2,539	2,616	2,544	2,701	2,716	2,437	2,448	2,439	2,217	2,448
Net ton miles.....	Bil.....	572	698	777	788	863	851	764	804	839	856	908
Average distance.....	Miles.....	251	275	292	308	332	318	310	338	350	386	371
Train miles.....	Mil.....	405	421	427	451	469	469	402	425	428	433	440
Freight car miles, loaded ¹	Bil.....	17.3	17.9	17.3	17.1	18.0	17.6	15.1	15.8	16.3	15.9	15.8
Empty.....	Bil.....	10.9	11.4	12.6	13.2	13.2	13.1	12.5	12.7	12.4	11.1	11.5
Net ton-miles per train-mile ¹	Number.....	1,466	1,683	1,820	1,774	1,844	1,875	1,938	2,232	2,029	2,029	(NA)
Net ton-miles per loaded car-mile ¹	Number.....	33.9	39.7	44.9	46.7	48.7	50.1	51.7	59.9	53.2	55.1	(NA)
Train-miles per train-hour.....	Miles.....	19.5	20.1	20.1	20.0	19.8	19.9	20.0	20.1	19.8	19.3	(NA)

NA Not available. ¹Revenue and nonrevenue freight.

Source of tables 1114 and 1115: U.S. Interstate Commerce Commission, *Annual Report; Transport Statistics in the United States*, Part 1, annual; and related quarterly reports, *Financial and Operating Statistics, Class I Railroads*, Statement No. 100, semiannual; and unpublished data.

NO. 1116. RAILROADS, CLASS I—CARS OF REVENUE FREIGHT LOADED, 1960 TO 1980, AND BY COMMODITY GROUP, 1979 AND 1980

[In thousands. Figures are 52-week totals. 1978 and 1979 data include 12 class II railroads which were class I in 1977. See text, p. 610, for definition of class I. N.e.c.—Not elsewhere classified]

YEAR	CARLOADS		COMMODITY GROUP	CARLOADS		COMMODITY GROUP	CARLOADS	
	Total	Piggy-back		1979	1980		1979	1980
1960.....	30,441	554	Coal.....	5,256	5,708	Crushed stone, gravel, sand.....	854	716
1965.....	29,248	1,077	Metallic ores.....	1,766	1,480	Nonmetallic minerals, n.e.c.....	784	770
1966.....	27,160	1,450	Chemicals, allied products.....	1,489	1,411	Waste and scrap materials.....	714	633
1972.....	26,105	1,448	Grain.....	1,429	1,573	Lumber, wood prod. (exc. furniture), n.e.c.....	597	469
1973.....	27,338	1,631	Motor vehicles and equipment.....	1,123	854	Forwarder and shipper association traffic.....	643	555
1974.....	26,184	1,610	Pulp, paper, allied products.....	1,098	1,060	Coke.....	360	276
1975.....	23,217	1,308	Primary forest products.....	1,056	1,002	Petroleum products.....	336	297
1976.....	23,457	1,506	Food and kindred products, n.e.c.....	954	925	Farm products, exc. grain.....	223	236
1977.....	23,173	1,689	Grain mill products.....	919	879	Less than carload.....	21	12
1978.....	23,355	1,841	Metals and products.....	984	820	All other carloads.....	2,344	2,130
1979.....	23,892	1,858	Stone, clay, and glass products.....	944	792			
1980.....	22,598	1,661						

Source: Association of American Railroads, Washington, D.C., *Cars of Revenue Freight Loaded*, annual.

NO. 1117. RAILROADS, CLASS I LINE-HAUL—REVENUE FREIGHT ORIGINATED, BY COMMODITY GROUP: 1975 TO 1979

[See *Historical Statistics, Colonial Times to 1970*, series Q 332, for total carloads originated]

COMMODITY GROUP	CARLOADS (1,000)				TONS (mil.)				REVENUE ¹ (mil. dol.)			
	1975	1977	1978	1979	1975	1977	1978	1979	1975	1977	1978	1979
Total²	22,930	22,823	22,482	23,409	1,395.1	1,394.7	1,390.1	1,502.1	15,899	19,394	20,765	24,283
Coal.....	4,844	4,809	4,372	5,329	407.6	414.9	383.1	473.8	2,146	2,698	2,813	3,872
Food and kindred products.....	2,154	2,022	1,922	1,348	100.2	98.7	95.4	93.2	1,822	2,041	2,158	2,421
Nonmetallic minerals ³	1,895	1,724	1,650	1,592	150.6	139.6	135.0	132.3	596	687	723	829
Farm products.....	1,873	1,570	1,599	1,721	134.4	121.9	128.7	138.5	1,472	1,484	1,678	2,101
Metallic ores.....	1,338	1,020	1,405	1,480	106.4	83.2	112.5	119.9	468	447	553	621
Transportation equipment.....	1,135	1,417	1,352	1,278	27.3	33.6	32.2	30.6	1,283	1,988	2,089	2,167
Lumber and wood prod. ⁴	1,615	1,737	1,629	1,565	88.6	99.3	95.1	93.1	1,066	1,416	1,461	1,546
Pulp, paper, allied products.....	1,015	1,077	975	977	40.6	44.9	41.4	42.4	977	1,212	1,260	1,445
Chemicals, allied products.....	1,313	1,420	1,426	1,471	91.4	104.3	106.7	112.4	1,681	2,212	2,342	2,739
Primary metal products.....	796	814	878	913	51.4	55.2	60.3	65.9	848	957	1,104	1,261
Petroleum and coal prod.....	787	767	734	716	45.8	46.1	44.4	43.9	573	690	713	835
Stone, clay, and glass prod.....	906	924	911	920	56.9	59.9	59.9	61.5	651	822	902	1,018
Fabricated metal prod. ⁵	244	112	96	87	8.2	2.9	2.5	2.3	221	121	115	117
Machinery, exc. electrical.....	156	110	105	90	3.6	2.7	2.5	2.3	200	163	166	174
Waste and scrap materials.....	744	689	704	713	38.2	36.1	37.8	38.5	359	404	432	479

¹ Gross. ² Includes commodity groups and small packaged freight shipments, not shown separately. ³ Except fuels.

⁴ Except furniture. ⁵ Except ordnance, machinery, and transport.

Source: U.S. Interstate Commerce Commission, *Freight Commodity Statistics—Class I Railroads in the United States*, annual; and *Class I Motor Carriers, Property Operating in Intercity Service*, annual.

NO. 1118. PRODUCER PRICE INDEXES FOR TOTAL RAILROAD FREIGHT: 1970 TO 1980

[1969=100. Reflects prices for shipping a fixed set of commodities under specified and unchanging conditions]

COMMODITY	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total railroad freight	108.8	122.4	126.1	129.3	149.7	169.4	186.6	199.1	213.1	243.4	285.3
Annual percent change.....	8.8	12.5	3.0	2.5	15.8	13.2	10.2	6.7	7.0	14.2	17.2
Farm products.....	108.3	120.8	123.5	125.2	145.3	165.0	182.7	191.3	204.9	235.0	271.9
Metallic ores.....	108.9	123.5	128.1	133.0	155.0	178.4	197.8	211.1	227.3	264.5	311.3
Coal.....	108.6	123.9	128.8	132.5	154.8	177.5	199.6	211.6	228.2	266.8	310.9
Nonmetallic minerals.....	108.0	120.7	125.6	130.0	150.5	172.4	191.7	205.5	221.2	260.4	312.4
Food products.....	108.9	122.4	126.2	128.8	148.9	168.6	185.1	195.3	210.1	239.5	283.7
Wood or lumber products.....	108.4	119.0	123.3	127.4	147.4	163.6	177.9	191.7	205.7	233.6	278.6
Pulp, paper, and allied products.....	108.9	122.4	124.1	124.5	143.5	162.7	176.1	186.5	197.1	223.4	264.5
Chemical or allied products.....	108.6	121.8	124.8	127.6	147.9	168.5	183.8	197.1	208.5	231.1	276.6
Clay, concrete, glass, or stone products.....	109.4	122.9	126.7	131.2	153.1	174.5	192.2	206.4	223.4	255.2	303.3
Primary metal products.....	108.5	124.3	128.5	132.1	153.3	174.8	191.6	205.0	217.9	246.6	284.3
Transportation equipment.....	109.4	123.7	127.3	131.9	153.5	173.5	190.2	204.3	217.6	246.1	282.1

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly.

No. 1119. PETROLEUM PIPELINE COMPANIES—SUMMARY: 1960 TO 1976

[Refers to pipeline companies operating in interstate commerce and subject to jurisdiction of Interstate Commerce Commission. See also *Historical Statistics, Colonial Times to 1970*, series Q 251-263]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976
Companies reporting	Number.....	87	89	101	99	100	103	104	111
Miles of line operated	1,000.....	152	161	176	174	171	173	173	174
Investment in carrier property	Mil. dol.....	3,300	4,178	5,786	6,759	7,016	8,065	10,745	13,704
Investments and special funds	Mil. dol.....	114	59	250	327	331	444	328	298
Capitalization	Mil. dol.....	1,439	1,635	2,518	3,163	3,168	4,094	6,041	8,153
Capital stock	Mil. dol.....	384	382	450	428	437	451	431	460
Long-term debt	Mil. dol.....	1,056	1,253	2,068	2,755	2,731	3,643	5,610	7,693
Operating revenues	Mil. dol.....	770	904	1,188	1,338	1,446	1,587	1,874	2,137
Operating expenses ¹	Mil. dol.....	418	515	672	780	844	943	1,038	1,155
Net income	Mil. dol.....	169	218	312	332	375	352	457	599
Oil transported:									
Total delivered out of system	Mil. bbl.....	4,783	5,864	8,147	8,889	9,415	9,333	9,341	9,757
To connecting carriers	Mil. bbl.....	1,639	1,757	2,320	2,552	2,785	2,748	2,817	2,976
Terminated	Mil. bbl.....	3,144	4,107	5,827	6,336	6,630	6,585	6,523	6,781
Trunk line movement:									
Crude oil	Mil. bbl.....	3,091	3,505	4,756	5,112	5,423	5,391	5,369	5,824
Products	Mil. bbl.....	1,124	1,872	2,864	3,356	3,633	3,589	3,645	3,813

¹ Includes pipeline taxes; excludes Federal income taxes.

Source: U.S. Interstate Commerce Commission, *Transport Statistics in the United States*, Part 6, annual.

No. 1120. PETROLEUM PIPELINE COMPANIES—CHARACTERISTICS: 1972 TO 1979

[Covers pipeline companies operating in interstate commerce and subject to jurisdiction of Interstate Commerce Commission from 1972 to 1976, and Federal Energy Regulatory Commission beginning 1977]

ITEM	Unit	1972	1973	1974	1975	1976	1977	1978	1979
Miles of pipeline, total	1,000.....	172.1	170.1	169.0	170.7	169.9	154.5	161.6	169.0
Gathering lines	1,000.....	42.3	42.9	40.7	40.4	37.6	34.7	36.5	36.9
Trunk lines	1,000.....	129.8	127.2	128.3	130.3	132.3	119.8	125.1	132.0
Total deliveries	Mil. bbl.....	8,847	9,416	9,132	9,391	9,742	10,019	10,768	11,140
Crude oil	Mil. bbl.....	5,510	5,760	5,698	5,729	5,996	6,089	6,550	6,728
Products	Mil. bbl.....	3,337	3,656	3,434	3,662	3,746	3,930	4,218	4,412
Total trunk line traffic	Bil. bbl-miles.....	2,687	2,502	2,632	2,892	2,918	3,895	3,723	3,577
Crude oil	Bil. bbl-miles.....	1,520	1,282	1,455	1,551	1,639	2,267	2,031	1,946
Products	Bil. bbl-miles.....	1,167	1,240	1,176	1,341	1,279	1,627	1,691	1,631
Carrier property value	Mil. dol.....	6,749	7,000	8,038	10,740	13,684	16,736	17,654	18,990
Operating revenues	Mil. dol.....	1,338	1,438	1,579	1,869	2,132	2,818	4,990	5,781
Net income	Mil. dol.....	415	408	330	456	595	478	1,696	1,648

Source: Penn Well Publishing Co., Tulsa Oklahoma, *Oil and Gas Journal*, August 11, 1980 issue and earlier issues. (Copyright.)

No. 1121. INTERSTATE NATURAL GAS PIPELINE COMPANIES—SUMMARY: 1960 TO 1979

[Excludes companies whose operations are limited to production of natural gas and sales of gas at or near the point of production. Covers classes A and B interstate natural gas pipeline companies with annual gas operating revenues of \$1,000,000 or more]

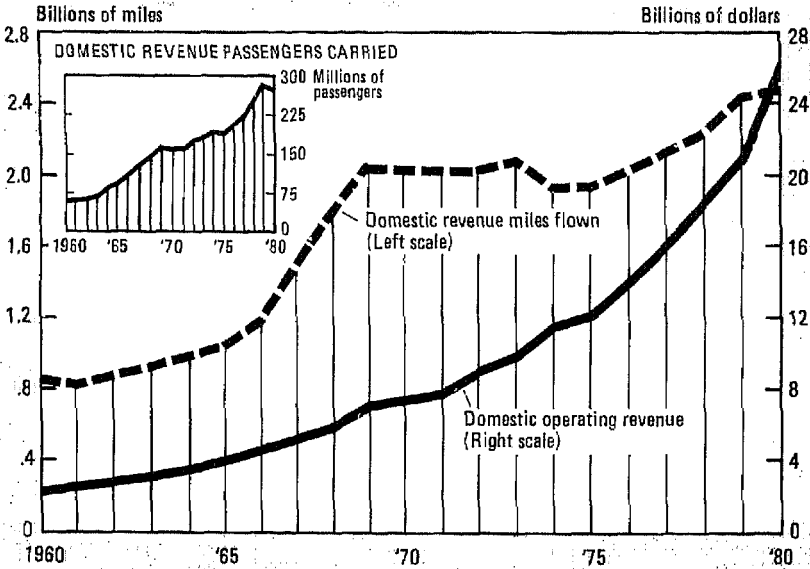
ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979
Sales.....	Tril. cu. ft.	11.8	14.7	19.9	17.9	16.5	16.2	15.7	16.2	17.7
Residential.....	Tril. cu. ft.	.6	.6	.6	.5	.5	.5	.6	.6	.6
Commercial, industrial.....	Tril. cu. ft.	2.4	2.5	2.9	2.3	1.9	1.8	1.9	1.9	2.1
For resale.....	Tril. cu. ft.	8.7	11.6	16.3	15.1	14.0	13.8	13.2	13.6	14.8
Operating revenues.....	Mil. dol	4,571	5,584	7,955	11,637	14,278	17,317	22,289	25,966	35,509
From sales ¹	Mil. dol	4,352	5,346	7,576	10,958	13,451	16,361	21,126	24,832	33,980
Residential.....	Mil. dol	537	488	622	713	756	910	1,316	1,520	1,754
Commercial, industrial.....	Mil. dol	731	793	1,025	1,417	1,646	2,115	2,842	3,272	4,527
For resale.....	Mil. dol	3,046	4,043	5,898	8,788	11,003	13,277	16,912	19,977	27,597
From transportation of gas to others.....	Mil. dol	100	113	188	319	387	474	559	619	772
Other.....	Mil. dol	119	126	191	359	440	482	604	511	757
Operation, maintenance expenses.....	Mil. dol	3,091	3,873	5,602	7,995	10,374	12,795	17,586	20,954	29,867
Production.....	Mil. dol	2,472	3,142	4,546	6,450	8,573	10,721	15,096	18,048	26,157
Storage.....	Mil. dol	21	39	83	113	140	159	205	254	275
Transmission.....	Mil. dol	306	379	534	788	912	1,085	1,300	1,519	2,077
Distribution.....	Mil. dol	75	65	92	118	122	134	178	193	217
Administrative, general, and other.....	Mil. dol	216	248	368	527	627	717	817	940	1,141
Pipeline mileage:										
Transmission lines.....	1,000	135.5	154.4	182.0	186.9	187.2	189.9	189.9	190.7	193.4
Field lines.....	1,000	42.5	47.7	51.6	55.2	57.1	58.6	60.2	63.0	66.2
Storage.....	1,000	2.9	3.1	3.5	3.6	4.2	4.3	4.2	4.3	4.4

¹ Includes other ultimate customers not shown separately.

Source: 1960-1975, U.S. Federal Power Commission and, thereafter, U.S. Energy Information Administration, *Statistics of Interstate Natural Gas Pipeline Companies*, annual.

Figure 23.1

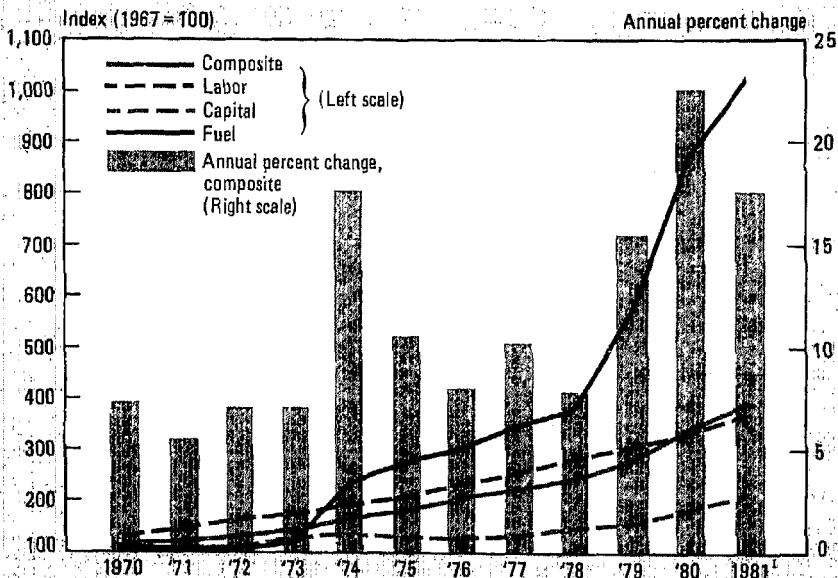
Domestic Scheduled Air Carriers — Revenue, Miles Flown, and Passengers Carried: 1960 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1122 and 1123.

Figure 23.2

Airline Cost Indexes: 1970 to 1981



* Percent change, April-June 1980 to April-June 1981.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1127.



This section presents statistics on civil air transportation, both passenger and cargo, and on water transportation, including inland waterways, oceanborne commerce, the merchant marine, cargo and vessel tonnages, and shipbuilding. Comparative data on various types of transportation carriers are presented in section 22.

Principal sources of these data are the annual *FAA Statistical Handbook of Aviation* issued by the Federal Aviation Administration (FAA); the annual *Waterborne Commerce of the United States* issued by the Corps of Engineers of the Department of the Army; the monthly and annual issues of *U.S. Waterborne Exports and General Imports*, and *U.S. Airborne Exports and General Imports*, the annual *Vessel Entrances and Clearances*, and the monthly *Highlights of U.S. Export and Import Trade*, issued by the Bureau of the Census. In addition, the Bureau of the Census in its commodity transportation survey (part of the census of transportation, taken every five years, for years ending in "2" and "7") provides data on the type, weight, and value of commodities shipped by manufacturing establishments in the United States, by means of transportation, origin, and destination.

Air transportation data are also presented annually by the Air Transport Association of America, Washington, D.C. in *Air Transport Facts and Figures*. Additional sources of data on water transportation include *A Statistical Analysis of the World's Merchant Fleets*, issued periodically by the U.S. Maritime Administration; *The Bulletin*, issued monthly by the American Bureau of Shipping, New York; and the *Annual Summary of Merchant Ships Completed in the World* and the *Register Book*, published by Lloyd's Register of Shipping, London, England.

Civil aviation.—Federal promotion and regulation of civil aviation are carried out by the FAA and the Civil Aeronautics Board (CAB). The CAB promotes and regulates the civil air transportation industry within the United States and between the United States and foreign countries. The Board grants licenses to provide air transportation service, approves or disapproves proposed rates and fares, and approves or disapproves proposed agreements and corporate relationships involving air carriers. The responsibility for investigation of aviation accidents resides with the National Transportation Safety Board.

The principal activities of the FAA include: Controlling the use of navigable airspace; prescribing regulations dealing with the competency of airmen, airworthiness of aircraft, and air traffic control; operation of air route traffic control centers, airport traffic control towers, and flight service stations; the design, construction, maintenance, and inspection of navigation, traffic control, and communications equipment for the airways; development of general aviation; and promotion of air safety.

These agencies publish monthly and quarterly financial and traffic statistical data on the use of airway facilities; data related to the location of airmen, aircraft, and airports; the volume of activity in the field of non-air carrier (general aviation) flying; and aircraft production and registration.

Air carriers and service.—The CAB issues “certificates of public convenience and necessity” in two categories: *Certificated route air carriers* (often referred to as “scheduled airlines”) and *supplemental (or charter) air carriers* (see headnote, table 1128). Certificated route air carriers are passenger/cargo and all-cargo carriers which are authorized to perform *scheduled service* over specified routes according to published flight schedules. Certificated route carriers are, however, allowed to perform some *nonscheduled service* (i.e., revenue flights outside of the regular schedule, such as charter flights, and all nonrevenue flights incident to such flights).

Vessel shipments, entrances, and clearances.—Shipments by dry cargo vessels comprise shipments on all types of watercraft, except tanker vessels; shipments by tanker vessels comprise all types of cargo, liquid and dry, carried by tanker vessels.

A vessel is reported as entered only at the first port which it enters in the United States whether or not cargo is unloaded at that port. A vessel is reported as cleared only at the last port at which clearance is made to a foreign port, whether or not it takes on cargo. Army and Navy vessels entering or clearing without commercial cargo are not included in the figures.

Units of measurement.—Cargo (or freight) tonnage and shipping weight both represent the gross weight of the cargo including the weight of containers, wrappings, crates, etc. However, shipping weight excludes lift and cargo vans and similar substantial outer containers. Other tonnage figures generally refer to stowing capacity of vessels, 100 cubic feet being called 1 ton. Gross tonnage comprises the space within the frames and the ceiling of the hull, together with those closed-in spaces above deck available for cargo, stores, passengers, or crew, with certain minor exceptions. Net or registered tonnage is the gross tonnage less the spaces occupied by the propelling machinery, fuel, crew quarters, master's cabin, and navigation spaces. Substantially, it represents space available for cargo and passengers. The net tonnage capacity of a ship may bear little relation to weight of cargo. Deadweight tonnage is the weight in long tons required to depress a vessel from light water line (that is, with only the machinery and equipment on board) to load line. It is, therefore, the weight of the cargo, fuel, etc., which a vessel is designed to carry with safety.

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

NO. 1122. CERTIFICATED ROUTE PASSENGER/CARGO AIR CARRIERS—NUMBER, OPERATING REVENUES, AND EXPENSES: 1960 TO 1980

[In millions of dollars, except number of carriers. Includes scheduled and charter operations. Minus sign (—) denotes loss. See also headnote, table 1123, and *Historical Statistics, Colonial Times to 1970*, series Q 591-603]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, prel.
Number of air carriers.....	55	50	39	34	32	33	33	33	35	49	60
DOMESTIC											
Revenue.....	2,129	3,609	7,131	9,605	11,448	11,911	13,789	15,690	17,943	21,337	26,012
Passenger.....	1,860	3,180	6,359	8,518	9,903	10,290	12,104	13,772	15,753	18,930	23,302
Mail (including subsidy).....	113	158	205	258	260	247	292	355	334	413	520
Express and freight.....	103	231	472	820	679	702	835	978	1,107	1,184	1,224
Other.....	53	40	94	209	606	672	558	585	749	810	965
Expenses.....	2,091	3,165	7,128	9,116	10,649	11,781	13,213	15,036	16,948	21,213	26,014
Flying operations.....	601	855	2,098	2,605	3,297	3,889	4,401	5,229	5,577	7,867	10,848
Maintenance.....	438	640	1,127	1,397	1,500	1,595	1,802	1,986	2,125	2,421	2,708
General services and administration.....	824	1,354	3,157	4,279	4,889	5,050	5,774	6,536	7,556	9,120	10,413
Passenger service.....	(NA)	280	707	968	1,027	1,116	1,260	1,481	1,711	2,091	2,329
Aircraft and traffic servicing.....	(NA)	554	1,298	1,808	1,995	2,125	2,412	2,693	3,063	3,619	3,953
Promotion and sales.....	(NA)	374	809	1,053	1,173	1,285	1,490	1,708	2,028	2,547	3,076
General and administrative.....	(NA)	145	344	450	494	544	612	674	754	869	1,044
Depreciation and amortization.....	229	316	745	835	865	883	920	960	1,213	1,352	1,530
Transport related.....	(NA)	(NA)	(NA)	(NA)	297	363	316	325	477	453	510
Net operating income.....	38	444	3	488	799	129	576	654	995	123	—1
INTERNATIONAL											
Revenue.....	685	1,211	1,913	2,527	2,922	3,063	3,316	3,774	4,332	5,191	5,976
Passenger.....	528	954	1,553	2,090	2,332	2,435	2,638	3,019	3,494	4,226	4,860
Mail (including subsidy).....	56	91	110	79	92	97	85	88	92	107	150
Express and freight.....	59	140	209	293	359	381	403	444	457	534	603
Other.....	42	26	41	65	139	150	190	224	288	325	363
Expenses.....	639	1,001	1,894	2,459	2,995	3,059	3,182	3,552	4,008	5,105	6,171
Flying operations.....	180	263	515	680	1,037	1,050	1,089	1,170	1,211	1,795	2,485
Maintenance.....	102	146	241	317	356	363	368	414	458	521	553
General services and administration.....	280	493	950	1,248	1,312	1,345	1,431	1,609	1,888	2,289	2,607
Passenger service.....	(NA)	98	223	298	292	287	296	347	422	531	590
Aircraft and traffic servicing.....	(NA)	162	332	450	481	510	536	599	676	820	923
Promotion and sales.....	(NA)	172	293	357	399	451	506	599	749	886	1,008
General and administrative.....	(NA)	61	103	137	162	149	148	158	191	189	208
Depreciation and amortization.....	78	100	188	214	214	212	193	238	303	327	353
Transport related.....	(NA)	(NA)	(NA)	(NA)	75	88	101	120	148	173	174
Net operating income.....	45	210	19	68	—73	4	133	222	324	86	—195

NA Not available.

Source: U.S. Civil Aeronautics Board, *CAB Air Carrier Financial Data*, annual.

NO. 1123. CERTIFICATED ROUTE AIR CARRIERS—SUMMARY: 1960 to 1980

[As of Dec. 31 or for calendar years, except as noted. See text, p. 639. Operations between coterminous U.S. and Hawaii (through 1965), Puerto Rico, and outlying areas included with international. Intra-Alaska included with domestic carriers and Mainland Alaska with international, as follows: Number of operators and traffic data, fuel and financial data, and personnel data, 1960 and 1965. Beginning 1970, Alaska and Hawaii included in domestic. See also *Historical Statistics, Colonial Times to 1970*, Series Q 577-590 and Q 624-633]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980
Domestic operators ¹	Number	43	39	35	33	35	35	34	52	63
International operators ¹	Number	12	11	6	2	2	2	2		
Employment, total ²	1,000	166	211	297	290	303	308	329	341	(NA)
Pilots, copilots, and other flight personnel	1,000	17	22	33	32	33	34	36	37	(NA)
Flight attendants	1,000	11	17	34	39	42	45	48	53	(NA)
Mechanics	1,000	34	42	48	45	46	45	44	45	(NA)
Aircraft and traffic servicing personnel	1,000	43	58	84	83	87	90	96	98	(NA)
Other	1,000	61	72	98	91	95	94	104	109	(NA)
Aircraft in operation ³	Number	1,867	1,896	2,437	2,287	2,271	2,234	2,348	2,486	2,505
Fixed-wing	Number	1,842	1,875	2,421	2,260	2,266	2,231	2,345	2,486	2,505
Turboprop	Number	202	712	2,041	2,022	2,043	2,064	2,164	2,308	2,336
Two-engine	Number	-	41	519	500	518	529	579	621	652
Three-engine	Number	-	168	631	981	992	1,035	1,140	1,232	1,311
Four-engine	Number	202	503	891	581	533	500	465	455	373
Turboprop	Number	227	296	316	193	180	156	155	152	163
Piston	Number	1,413	867	64	45	43	11	6	6	6
Helicopters	Number	25	21	16	7	5	3	3	-	-
Average available seats: ⁴ 5	Number	65.5	89.2	110.4	130.4	134.1	136.9	140.0	139.9	142.8
Domestic	Number	89.9	129.1	154.9	224.8	230.0	236.7	244.1	259.1	274.6
Avg./hr. speed: ⁵	Mi. per hr.	235	314	403	403	406	408	409	406	406
Domestic	Mi. per hr.	303	445	482	482	484	487	489	493	495
International	Mi. per hr.	303	445	482	482	484	487	489	493	495
Fuel consumed: ⁶	Mill. gal.	1,189	519	14	6	6	(7)	(7)	(7)	(7)
Gasoline	Mill. gal.	988	3,420	7,842	7,558	7,911	8,339	8,621	9,376	9,036
Jet fuel:	Mill. gal.	343	1,236	2,241	1,949	1,921	1,957	1,913	1,993	1,938
Domestic	Millions	998	1,354	2,426	2,241	2,320	2,419	2,520	2,791	2,813
Domestic	Millions	829	1,099	2,027	1,909	2,001	2,104	2,201	2,435	2,470
International	Millions	168	255	399	332	319	315	319	355	343
Revenue passengers enplaned ⁷	Millions	62	103	189	205	223	240	275	317	297
Domestic	Millions	56	92	153	189	206	222	254	293	273
International	Millions	6	11	16	16	17	18	21	24	24
Revenue passenger-miles flown: ⁸	Billions	30.6	51.9	104.1	131.7	145.3	156.6	182.7	208.9	200.1
Domestic	Billions	8.3	16.8	27.6	31.1	33.7	36.6	44.1	53.1	54.1
International	Billions	8.3	16.8	27.6	31.1	33.7	36.6	44.1	53.1	54.1
Average passenger-mile rate: ⁹	Dollars	.061	.061	.060	.077	.082	.086	.085	.091	.115
Domestic	Dollars	.064	.053	.050	.072	.072	.076	.075	.077	.089
International	Dollars	.064	.053	.050	.072	.072	.076	.075	.077	.089
Express and freight revenue, ton-miles flown ¹⁰	Millions	702	1,820	3,515	4,796	5,096	5,427	5,818	5,864	5,732
Domestic	Millions	476	1,112	2,216	2,747	2,909	3,125	3,505	3,466	3,274
International	Millions	226	708	1,299	2,049	2,187	2,301	2,313	2,498	2,458
Mail, ton-miles flown: ¹¹	Millions	135	228	715	683	719	752	807	853	944
Domestic	Millions	107	265	549	426	407	408	374	372	392
International	Millions	107	265	549	426	407	408	374	372	392
Accidents (sched. passenger service):	Number	62	55	32	21	17	15	18	14	8
Domestic, total	Number	62	55	32	21	17	15	18	14	8
Fatal	Number	10	6	1	2	1	2	4	4	1
Fatalities ¹²	Number	363	223	1	122	1	75	16	279	13
Passenger-fatalities per 100 million	Number	9	4	-	.081	.001	.038	.006	.125	.005
passenger miles flown ¹³	Number	5	8	7	7	4	3	1	4	6
International, total	Number	2	1	1	-	1	-	-	-	-
Fatal	Number	15	30	2	-	35	-	-	73	-
Fatalities ¹⁴	Number	15	30	2	-	35	-	-	73	-
Passenger-fatalities per 100 million	Number	.1	.1	.007	-	.096	-	-	.115	-
passenger miles flown	Number	.1	.1	.007	-	.096	-	-	.115	-

- Represents zero. NA Not available.

¹ The Airline Deregulation Act of 1978 lifted some restrictions on entering new markets. As a result there is no longer a clear distinction between domestic and international operators. Includes all cargo. ² Scheduled airlines only. Source: Air Transport Association of America, Washington, D.C., *Air Transport Facts and Figures*. ³ Excludes those used for crew training and general utility purposes, or held for disposal. Beginning 1973, includes aircraft operated by the scheduled all-cargo certificated route air carriers. ⁴ Passenger seat-miles divided by revenue-miles flown in passenger service. ⁵ Scheduled services of all certificated route air carriers; includes all cargo. ⁶ Includes air cargo. ⁷ Included in "Jet fuel." ⁸ Preliminary. ⁹ Includes mid-air collisions nonfatal to air carrier occupants (excluded in computation of fatal accidents). ¹⁰ Includes crew members. ¹¹ Excludes passenger deaths in dynamite accidents (29 in 1960).

Source: Except as noted, U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation*, annual. Includes data from U.S. Civil Aeronautics Board and U.S. National Transportation Safety Board.

No. 1124. CERTIFICATED ROUTE AIR CARRIERS—SERVICE AND TRAFFIC: 1960 TO 1980

[In millions, except as indicated]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980
Revenue ton-miles, all services.....	5,024	9,895	20,186	23,534	25,709	27,583	31,095	34,551	33,566
Revenue ton-miles, scheduled.....	4,729	8,885	18,166	22,186	24,121	25,909	29,679	33,390	32,487
Passenger ¹	3,777	6,672	13,171	16,281	17,899	19,322	22,678	26,202	25,418
U.S. mail.....	241	483	1,470	1,097	1,114	1,147	1,168	1,206	1,313
Foreign mail.....	9	10	10	12	12	13	14	18	24
Express.....	59	90	107	29	22	41	56	56	56
Freight.....	643	1,730	3,408	4,766	5,074	5,385	5,763	5,908	5,676
Revenue ton-miles, charter ²	296	909	2,020	1,348	1,588	1,674	1,416	1,161	1,079
Available ton-miles, all services.....	9,384	19,681	44,298	49,289	51,709	54,789	56,869	62,546	64,390
Ton-mile load factor (percent).....	53.5	50.3	45.6	47.7	49.7	50.3	54.7	55.2	52.1
Scheduled services total:									
Revenue passengers enplaned, scheduled.....	62	103	170	205	223	240	275	317	297
Revenue passenger-miles (bil.).....	39	69	132	163	179	193	237	262	254
Available seat-miles (bil.).....	66	124	265	303	323	346	369	416	431
Passenger load factor (percent).....	59.3	55.2	49.7	53.7	55.4	55.9	61.5	63.0	59.0
Revenue passenger-miles per gallon of fuel (number).....	(NA)	(NA)	(NA)	19.5	20.7	21.2	23.8	23.2	23.1
Revenue plane-miles.....	998	1,354	2,418	2,241	2,320	2,419	2,520	2,791	2,814

NA Not available. ¹A passenger ton-mile represents 1 ton of passenger weight, including free and excess baggage, transported 1 mile. ²Passenger and cargo.

Source: Air Transport Association of America, Washington, D.C., *Air Transport Facts and Figures*, annual. Data from Civil Aeronautics Board.

No. 1125. AIRPORTS AND FEDERAL AIRPORT DEVELOPMENT AID PROGRAM, 1980, AND GENERAL AVIATION AIRCRAFT, BY STATE 1979

[As of Dec. 31. General aviation comprises all civil flying (including such commercial operations as commuter airlines, air taxis, agricultural application, powerline patrol, etc.), but excludes certificated route air carriers, supplemental operators, and large-aircraft commercial operators]

STATE	AIRPORTS, 1980 ¹		AIRPORT DEVELOPMENT AID ² (mil. dol.)		General aviation aircraft, 1979	STATE	AIRPORTS, 1980 ¹		AIRPORT DEVELOPMENT AID ² (mil. dol.)		General aviation aircraft, 1979
	Pub-lic	Pri-vate	Total funds, 1970-1980	1980 funds			Pub-lic	Pri-vate	Total funds, 1970-1980	1980 funds	
Total.....	4,787	10,322	3,900.1	626.6	3,209,090	Mo.....	116	261	81.7	26.1	4,142
Ala.....	100	63	54.0	10.1	2,561	Mont.....	118	67	45.4	7.0	2,447
Alaska.....	515	216	199.4	23.3	5,842	Neb.....	94	225	51.0	5.0	2,589
Ariz.....	94	122	80.0	12.9	4,525	Nev.....	61	62	52.5	8.6	1,827
Ark.....	77	79	32.4	3.6	2,664	N.H.....	16	36	8.3	1.1	1,016
Calif.....	297	528	327.5	68.3	27,980	N.J.....	33	234	66.1	9.1	3,962
Colo.....	88	219	109.6	13.4	4,560	N. Mex.....	64	85	31.9	5.5	2,217
Conn.....	16	92	20.3	4.1	1,670	N.Y.....	73	398	182.2	25.8	6,168
Del.....	3	33	4.9	.2	710	N.C.....	85	200	91.3	14.2	4,017
D.C.....	8	10	-	-	62	N. Dak.....	98	131	31.5	3.4	1,482
Fla.....	132	353	200.9	39.3	10,652	Ohio.....	133	519	87.4	17.1	7,687
Ga.....	123	165	137.8	19.6	4,121	Okl.....	132	162	69.4	13.9	4,558
Hawaii.....	17	33	99.1	10.1	530	Oreg.....	94	229	84.5	6.5	5,729
Idaho.....	127	70	27.7	3.5	2,112	Pa.....	78	616	146.7	24.4	5,907
Ill.....	99	843	158.2	29.2	8,153	R.I.....	8	10	9.9	1.2	413
Ind.....	74	273	97.6	21.4	4,569	S.C.....	63	69	38.2	10.4	1,867
Iowa.....	118	149	41.1	7.5	3,545	S. Dak.....	73	86	32.6	2.7	1,495
Kans.....	128	249	47.2	10.2	3,848	Tenn.....	78	82	73.8	10.4	2,498
Ky.....	62	66	54.4	9.4	1,534	Tex.....	317	1,058	270.7	33.4	17,519
La.....	76	213	93.3	12.2	3,526	Utah.....	58	46	42.3	3.4	1,623
Maine.....	48	114	23.7	6.1	1,077	Vt.....	20	44	7.2	1.6	442
Md.....	23	127	36.6	9.2	2,492	Va.....	63	197	60.3	10.7	2,756
Mass.....	34	104	49.7	8.3	2,787	Wash.....	117	254	63.8	15.6	6,578
Mich.....	134	285	129.5	17.5	7,279	W. Va.....	28	49	41.2	3.4	1,156
Minn.....	150	341	56.9	8.4	4,772	Wis.....	102	300	71.3	8.6	4,100
Miss.....	78	93	44.1	6.5	2,337	Wyo.....	44	62	32.8	3.5	1,197

- Represents zero. ¹Includes military airports with joint civil and military use, heliports, seaplane bases, etc. ²Represents funds obligated. Excludes contributions by State and local governments and by airport operators provided under various agreements. "Total" is cumulative since enactment of Airport Development Aid Program, July 1, 1970-Sept. 30, 1980. ³Detail will not add to total due to estimation procedures. Based on survey and subject to sampling error. Small estimates especially should be interpreted with caution.

Source: U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation*, annual.

NO. 1126. CIVIL FLYING—SUMMARY: 1960 TO 1980

[As of Dec. 31 or for years ending Dec. 31, except as noted. See also *Historical Statistics, Colonial Times to 1970*, series Q 604-623]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980
Airports in operation ¹	Number.....	6,881	9,566	11,261	13,251	13,770	14,117	14,574	14,746	15,161
Heliports.....	Number.....	66	401	790	1,524	1,674	1,850	1,986	2,108	2,336
Public.....	Number.....	2,780	3,570	4,260	4,573	4,687	4,708	4,751	4,761	4,814
Private.....	Number.....	4,101	5,996	7,001	8,678	9,103	9,409	9,823	9,985	10,347
Airports with runway lights.....	Number.....	2,133	2,878	3,554	4,171	4,362	4,483	4,567	4,631	4,738
Airports with paved runways.....	Number.....	1,893	2,747	3,805	4,865	5,106	5,313	5,484	5,618	5,833
Miles of Federal airways.....	1,000.....	(NA)	(NA)	324.7	403.9	413.5	823.9	605.7	615.5	615.5
Airport Development Aid Program: ²										
Air carrier airports.....	Mil. dol.....	73.3	44.3	39.4	287.8	355.2	434.3	465.0	508.6	540.1
General aviation airports.....	Mil. dol.....	8.7	15.2	11.1	52.1	61.1	72.0	74.8	117.6	98.9
Total civil aircraft.....	1,000.....	111.6	142.1	154.5	196.3	205.9	215.3	236.8	251.5	255.7
Active aircraft ³	1,000.....	78.8	97.7	134.5	171.2	180.9	186.8	201.3	213.9	(NA)
Air carriers, total.....	1,000.....	2.2	2.3	2.8	2.5	2.5	2.5	2.6	3.6	3.8
General aviation aircraft ⁴	1,000.....	76.5	95.4	131.7	168.5	178.3	184.3	198.7	210.3	(NA)
Fixed-wing aircraft:										
Multi-engine.....	1,000.....	7.2	12.0	18.4	24.6	25.7	26.6	28.9	31.3	(NA)
Single-engine:										
4-place and over.....	1,000.....	34.8	49.8	64.6	82.6	88.2	88.2	101.5	106.0	(NA)
3-place and less.....	1,000.....	33.5	31.4	44.9	54.4	56.7	57.3	59.2	62.4	(NA)
Rotorcraft ⁵	1,000.....	.6	1.5	2.2	4.1	4.5	4.7	5.1	5.9	(NA)
Balloons, blimps, gliders, etc.....	1,000.....	.4	.8	1.6	2.9	3.2	4.4	4.0	4.8	(NA)
Airman certificates held.....	1,000.....	518	684	1,023	1,052	1,079	1,133	1,161	1,192	1,221
Pilot ⁷	1,000.....	348	480	733	728	744	784	799	815	827
Held by women.....	Percent.....	2.9	3.7	4.0	5.2	5.6	6.0	6.2	6.4	6.4
Airline transport.....	1,000.....	18	22	34	43	45	50	56	64	70
Commercial.....	1,000.....	90	117	187	189	188	189	186	182	183
Private.....	1,000.....	139	196	304	306	309	327	338	343	357
Student.....	1,000.....	99	139	196	177	189	204	205	210	200
Nonpilot ⁸	1,000.....	170	204	290	324	335	349	362	377	393
Ground technicians ⁹	1,000.....	151	175	241	271	280	291	302	307	321
General aviation: ⁵										
Hours flown ¹⁰	Million.....	13.1	16.7	26.0	32.0	33.9	35.8	39.4	43.3	(NA)
Fuel consumed: ¹¹										
Gasoline.....	Mil. gal.....	(NA)	304	362	397	433	465	518	570	(NA)
Jet fuel ¹²	Mil. gal.....	(NA)	183	415	510	588	711	763	736	(NA)
Domestic air cargo, revenue ton-miles flown ¹³	Million.....	724	1,661	2,581	3,049	3,182	3,430	3,824	3,794	3,566
Certificated route carriers:										
Scheduled service ¹⁴	Million.....	476	1,112	2,215	2,747	2,909	3,125	3,505	3,466	3,274
Nonscheduled service ¹⁴	Million.....	135	330	80	39	36	70	57	88	44
Supplemental carriers ¹⁵	Million.....	112	220	285	263	237	235	262	240	248
Aircraft accidents: ¹⁶										
General aviation ⁴	Number.....	4,793	5,196	4,712	4,237	4,193	4,286	4,494	4,051	3,799
Fatal.....	Number.....	429	538	641	675	695	702	793	682	677
Fatalities.....	Number.....	787	1,029	1,310	1,345	1,320	1,436	1,770	1,382	1,375
Air carrier ¹⁷	Number.....	90	83	55	45	28	26	24	32	20
Fatal.....	Number.....	17	9	8	3	4	5	6	6	2
Fatalities.....	Number.....	499	261	146	124	45	655	163	355	14
Commuter air carriers, total.....	Number.....	(NA)	(NA)	(NA)	46	38	42	54	57	36
Fatal.....	Number.....	(NA)	(NA)	(NA)	12	11	9	13	14	6
Fatalities.....	Number.....	(NA)	(NA)	(NA)	26	34	32	47	65	23
Passenger fatalities per 100 million passenger miles flown.....	Number.....	(NA)	(NA)	(NA)	1.47	2.13	2.01	2.90	3.89	.96
Hijacking incidents, worldwide.....	Number.....	-	5	83	25	18	29	31	27	40
U.S.-registered aircraft.....	Number.....	-	4	27	12	4	3	13	13	22
Successful ¹⁸	Number.....	-	1	18	4	1	-	2	6	13
Foreign-registered aircraft.....	Number.....	-	1	56	13	14	26	18	14	18
Successful ¹⁸	Number.....	-	-	37	3	6	16	8	8	9

- Represents zero. NA Not available. ¹ Existing airports, heliports, seaplane bases, etc. recorded with FAA. Includes military airports with joint civil and military use. Includes U.S. outlying areas. Airport-type definitions: Public—publicly owned and under control of a public agency; private—owned by a private individual or corporation. May or may not be open for public use.

² Obligated Federal funds only; fiscal year data. Includes U.S. outlying areas. Prior to July 1, 1970, data are for Federal-Aid Airport Program (FAAP). ³ Registered aircraft that flew 1 or more hours during the year. ⁴ Includes helicopters. ⁵ See headnote, table 1125. ⁶ Includes autogyros; excludes air carrier helicopters. ⁷ Includes all active pilots. An active pilot is one with a pilot certificate and a valid medical certificate. Also includes pilots who hold only a helicopter, glider, or lighter than air certificate, not shown separately. ⁸ Includes dispatchers, control tower operators, flight navigators and engineers, and ground technicians—mechanics, parachute riggers, and ground instructors. ⁹ No medical examinations are required, therefore, data represent all certificates on record and include retired or otherwise inactive technicians. ¹⁰ Hours flown for 1975 and 1976 are revised. In 1979, the 43.3 million flight hours comprised 14.0 hours of business and executive flying, 11.2 hours of commercial flying (including air taxi, aerial applicator, rental aircraft), 6.5 hours of instructional flying; 9.5 hours of personal flying, and 1.1 hours of flying for other purposes. Detail does not add to total due to independent estimating technique. ¹¹ Source: 1965-1975, U.S. Bureau of Mines; 1976 and 1977, U.S. Energy Information Administration, *Crude Petroleum; Petroleum Products, and Natural Gas Liquids* (Final Summary); 1978 and 1979, General Aviation Activity and Avionics Survey. ¹² Includes kerosene-type and naphtha-type jet fuels. ¹³ Total domestic, includes freight and air express. ¹⁴ Includes civilian and military freight and other revenue ton-miles. ¹⁵ Civil and military. ¹⁶ Source: National Transportation Safety Board. Beginning 1970, data not strictly comparable due to change of definition. ¹⁷ Beginning 1975, includes commercial operators. ¹⁸ Hijacker controls flight and reaches destination or objective.

Source: Except as noted, U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation*, annual and unpublished data. Includes data from U.S. Civil Aeronautics Board.

NO. 1127. AIRLINE COST INDEXES: 1968 TO 1981

[Covers U.S. trunk and local service carriers. Does not include cargo carriers, Hawaiian carriers, or Alaskan carriers]

ITEM	INDEX (1967 = 100)							PERCENT OF CASH OPERATING EXPENSES ²			
	1968	1970	1975	1978	1979	1980	1981 ¹	1968	1975	1980	1981 ¹
Composite	104.5	120.0	188.7	242.5	280.2	343.2	393.3	100.0	100.0	100.0	100.0
Labor.....	108.0	134.7	208.6	283.8	305.6	336.5	367.8	45.2	41.4	36.1	35.1
Capital ⁴	105.5	119.8	133.4	152.5	155.8	187.6	215.5	4.0	2.9	2.9	3.3
Fuel.....	98.0	105.8	279.8	376.9	555.8	859.6	1,024.0	13.8	19.1	30.5	31.4
Passenger food.....	104.0	114.1	140.6	149.0	159.9	183.2	196.9	4.1	3.5	3.0	3.0
Advertising and promotion.....	99.8	96.3	97.1	97.9	102.3	129.1	143.8	3.2	1.9	1.6	1.6
Landing fees.....	118.6	139.8	232.0	273.6	309.5	340.3	382.7	2.2	2.4	1.7	1.6
Craft maintenance.....	90.3	75.5	99.9	114.5	115.7	126.9	132.8	4.2	2.9	2.1	2.0
Passenger traffic commissions.....	100.4	124.6	231.2	300.7	346.4	486.2	596.0	2.7	3.9	5.5	6.2
All other.....	104.5	115.6	161.0	192.2	209.3	224.5	241.6	20.6	22.0	16.6	15.8

¹ April-June. ² Total operating expenses plus interest on long term debt, less depreciation and amortization. ³ Excludes carriers which experienced major strikes. ⁴ Beginning 1978, includes imputed interest for capitalized leases.

Source: Air Transport Association of America, Washington, D.C. *Air Transport*, 1980, and unpublished data.

NO. 1128. CHARTER (SUPPLEMENTAL) AIR CARRIERS—SUMMARY: 1960 TO 1980

[Previously known as the U.S. supplemental airlines, with certificated charter authority from the Civil Aeronautics Board, charter airlines, as a result of the 1978 Deregulation Act, have authority to engage in both charter and scheduled services. Includes international operations; see headnote, table 1123. Figures shown for military cover activities performed under charter or other contract with the Department of Defense]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980
Total operators.....	Number.....	30	13	14	8	7	7	8	7	10
Revenue passenger-miles.....	Millions.....	2,208	2,489	10,289	8,746	8,199	9,983	9,999	8,957	7,235
Civilian.....	Millions.....	671	1,069	6,044	6,885	6,647	8,352	8,297	6,912	4,878
Military.....	Millions.....	1,537	1,420	4,245	1,861	1,552	1,631	1,702	2,044	2,357
Revenue cargo ton-miles.....	Millions.....	120	298	391	362	384	329	372	332	341
Civilian.....	Millions.....	5	49	77	115	159	136	163	184	156
Military.....	Millions.....	115	249	314	247	225	193	209	148	186
Operating revenues.....	Mil. dol.....	83.4	141.0	337.2	433.2	417.5	516.2	529.7	561.9	(NA)
Transport.....	Mil. dol.....	79.3	(NA)	330.7	410.7	398.7	474.6	506.4	538.3	(NA)
Other.....	Mil. dol.....	4.6	(NA)	6.4	22.5	18.8	41.5	23.3	23.6	(NA)
Operating expenses.....	Mil. dol.....	87.4	116.9	330.7	405.8	418.1	500.8	512.5	559.7	(NA)
Aircraft in operation.....	Number.....	(NA)	164	119	74	77	78	74	70	148

NA Not available.

Source: U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation*, annual.

NO. 1129. CHARTER PASSENGERS, BY FLAG OF AIR CARRIER AND BY AREA OF TRAVEL: 1970 TO 1980

[In thousands. Covers charter flights to, from, or within the U.S. 1970-1975 estimates derived by multiplying available seats by passenger load factors; thereafter, based on actual passengers]

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980 ¹
Total passengers	3,862	5,725	6,640	6,236	5,745	7,390	9,038	8,309	6,500	3,329
U.S.: Route carriers ²	1,355	2,684	3,179	3,040	2,835	4,109	4,597	3,871	2,854	794
Charter (supplemental) carriers ³	1,647	2,013	2,474	2,129	1,470	1,631	2,229	2,405	1,843	790
Foreign: Route carriers ¹	390	516	674	476	589	721	845	1,023	803	777
Charter (supplemental) carriers ³	470	512	313	591	851	929	1,367	1,010	1,000	968
Domestic travelers.....	1,397	2,168	2,575	2,348	1,989	2,859	3,524	3,102	2,159	109
International travelers ⁴	2,465	3,557	4,065	3,888	3,776	4,531	5,514	5,207	4,341	3,220
Transatlantic.....	1,816	2,495	2,786	2,366	2,321	2,716	3,539	2,821	1,908	1,144
Latin America ⁵	444	789	816	806	684	1,001	1,130	1,416	1,287	688

¹ The compilation of domestic, and consequently total passengers, no longer includes charter passengers within the contiguous 48 States. In 1979, such passengers were 2,049,000 of the domestic total of 2,159,000. In 1980, domestic travelers represent mainland to Hawaii and Alaska passengers only. ² Covers charter service of scheduled airlines. See text, p. 639 for definition. ³ Covers charter service of charter airlines. See headnote, table 1128. ⁴ Includes other, not shown separately. ⁵ Includes Caribbean.

Source: National Air Carrier Association, Washington, D.C., *Annual Report*.

No. 1130. AEROSPACE—SALES, NEW ORDERS, AND BACKLOG: 1970 TO 1980

[Reported by aerospace and aircraft engine manufacturers. See *Historical Statistics, Colonial Times to 1970*, series Q 573]

ITEM	TOTAL (bil. dol.)						PERCENT U.S. GOVERNMENT					
	1970	1975	1977	1978	1979	1980, prel.	1970	1975	1977	1978	1979	1980, prel.
Net sales.....	24.8	29.5	33.3	38.0	46.2	57.6	66.3	58.6	62.1	57.6	50.3	45.3
Complete aircraft and parts ¹	10.4	11.3	12.5	14.7	19.1	22.0	54.8	46.9	54.7	46.5	33.4	30.5
Aircraft engines and parts.....	3.1	3.4	3.9	4.6	5.6	6.9	81.5	47.0	51.7	40.9	40.6	(NA)
Missiles and parts.....	5.4	6.3	5.8	(NA)	7.2	7.8	96.9	93.7	93.3	(NA)	47.0	(NA)
Other products, services.....	5.9	8.5	11.2	18.7	14.3	20.9	(X)	(X)	(X)	(X)	(X)	(X)
Net new orders.....	21.2	29.0	38.9	49.8	65.2	70.9	71.4	64.1	58.3	52.2	43.1	46.8
Backlog, Dec. 31.....	24.7	35.0	45.3	57.2	78.3	95.1	52.1	63.2	57.6	52.9	46.2	43.6

NA Not available. X Not applicable. ¹ Except engines sold separately. ² Includes missiles and parts.Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MQ-37D.

No. 1131. CIVIL AIRCRAFT SHIPMENTS: 1960 TO 1979

[Represents manufacturers' shipments of non-military complete aircraft. Includes both domestic and export output]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total.....	8,181	12,646	8,190	10,523	14,748	15,117	15,196	16,446	18,159	18,882	17,924
Transports.....	238	221	311	230	285	263	314	238	(NA)	(NA)	(NA)
General aviation.....	7,726	12,053	7,384	9,785	13,671	14,026	14,043	15,648	17,175	18,049	16,883
Single-engine: 1- to 3-place.....	1,366	3,545	1,981	2,398	3,137	3,346	3,047	3,175	3,386	4,881	3,293
4-place and over.....	5,072	6,478	4,048	5,500	7,681	8,124	8,460	9,864	10,372	9,501	9,751
Multi-engine.....	1,288	2,030	1,352	1,867	2,853	2,556	2,536	2,819	2,817	3,667	3,839
Rotorcraft.....	217	372	496	528	782	828	839	560	984	833	1,041

Source: Through 1977, U.S. Federal Aviation Administration, *FAA Statistical Handbook of Aviation*, annual. Beginning 1978, U.S. Bureau of the Census, *Current Industrial Reports*, series M-37G.

No. 1132. EMPLOYMENT, HOURS, AND EARNINGS IN AIRCRAFT INDUSTRIES: 1960 TO 1980

[Annual averages of monthly figures. Covers industries as defined by the 1972 Standard Industrial Classification Manual]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980
Employment, total.....	1,000.....	624	620	664	607	573	564	621	713	766
Aircraft.....	1,000.....	337	333	371	293	281	270	288	333	354
Aircraft engines and engine parts.....	1,000.....	(NA)	(NA)	(NA)	126	120	121	134	152	161
Guided missiles, space vehicles, and parts.....	1,000.....	(NA)	(NA)	(NA)	93	86	83	93	102	111
Aircraft equipment, N.e.c. ¹	1,000.....	(NA)	(NA)	(NA)	95	86	90	106	126	140
Average weekly earnings: Aircraft.....	Dollars.....	110	131	169	256	273	296	324	360	404
Aircraft engines and parts.....	Dollars.....	(NA)	(NA)	(NA)	247	260	292	325	361	394
Guided missiles, space vehicles, and parts.....	Dollars.....	(NA)	(NA)	(NA)	245	262	288	317	347	378
Average hourly earning: Aircraft.....	Dollars.....	2.71	3.15	4.17	6.21	6.63	7.07	7.70	8.50	9.67
Aircraft engines and parts.....	Dollars.....	(NA)	(NA)	(NA)	6.04	6.46	7.05	7.80	8.53	9.42
Guided missiles, space vehicles, and parts.....	Dollars.....	(NA)	(NA)	(NA)	6.02	6.48	7.04	7.56	8.25	9.22

NA Not available. ¹ N.e.c.=Not elsewhere classified.Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 1133. AIRBORNE IMPORTS AND EXPORTS—SHIPPING WEIGHT AND VALUE: 1970 TO 1980

[Weight in millions of pounds, value in millions of dollars. Includes trade of Puerto Rico]

CONTINENT	IMPORTS						EXPORTS					
	Weight			Value			Weight			Value		
	1970	1975	1980	1970	1975	1980	1970	1975	1980	1970	1975	1980
All carriers ¹	620	1,063	1,344	3,417	8,917	28,044	897	1,420	2,269	6,086	14,554	46,093
North America.....	86	141	171	316	775	3,546	225	293	400	795	1,552	5,380
South America.....	43	118	140	98	412	1,168	96	196	362	412	1,225	3,284
Europe.....	354	413	526	2,069	4,286	11,459	429	592	963	3,459	7,452	24,194
Asia.....	131	377	483	858	3,026	9,882	108	246	418	1,056	3,445	10,419
Other.....	7	13	24	78	436	2,187	35	79	116	364	900	2,128
U.S. carriers ¹	288	456	516	1,667	3,860	8,888	321	460	743	2,215	5,481	15,013
North America.....	39	51	55	140	329	1,002	92	110	157	367	711	2,339
South America.....	18	46	28	51	152	294	33	61	122	119	346	1,028
Europe.....	149	169	210	907	1,941	3,978	146	195	290	1,210	2,377	6,779
Asia.....	81	187	214	542	1,352	3,577	44	87	144	459	1,291	3,117
Other.....	2	4	8	28	86	137	7	20	26	59	246	508

¹ Includes shipments of special category, not shown separately by continent.Source: U.S. Bureau of the Census, *United States Airborne Exports and General Imports*, FT 986, annual.

NO. 1134. EXPORTS OF U.S. AEROSPACE PRODUCTS: 1970 TO 1980

PRODUCT	NUMBER OF UNITS					VALUE (mil. dol.)				
	1970	1975	1978	1979	1980	1970	1975	1978	1979	1980
Total	(x)	(x)	(x)	(x)	(x)	3,191	7,456	9,890	11,654	15,397
Civilian:										
Complete aircraft.....	2,902	4,371	4,399	5,115	4,434	1,527	3,169	3,616	6,178	8,257
Transports	180	186	111	200	237	1,272	2,358	2,549	4,998	6,727
General aviation ¹	2,029	3,288	3,471	3,878	3,178	111	307	495	651	740
Helicopters	332	336	368	459	525	27	105	156	207	299
Other, incl. used	361	581	449	578	494	117	389	416	322	491
Engines.....	3,811	4,678	4,719	4,917	4,606	118	232	277	375	556
Turbines.....	649	876	988	996	1,393	99	187	231	323	514
Military:										
Complete aircraft.....	634	942	589	332	462	467	1,303	2,243	836	949
Transports	81	51	25	17	23	62	235	232	162	232
Helicopters	67	116	108	65	89	23	123	81	61	88
Fighters, bombers	217	469	286	133	90	331	902	1,707	494	449
Other ²	289	306	170	117	260	31	43	223	121	180
Engines.....	611	873	517	504	364	33	92	61	67	63
Civilian and military:										
Parts ³	(x)	(x)	(x)	(x)	(x)	1,027	2,610	3,356	3,899	5,232
Rockets, guided missiles	65,001	112,908	210,188	74,842	127,685	8	47	334	291	327
Missiles and rocket engines	39,615	7,400	16,081	1,731	7,042	11	3	3	6	13

X Not applicable. ¹Includes transports under 33,000 pounds. ²Includes trainers, general aviation, and used aircraft.

³Parts of engines, turbines, airframes, rockets, and missiles.

Source: U.S. Bureau of the Census, *United States Exports—Commodity by Country*, FT 446, annual.

NO. 1135. U.S. RECEIPTS AND PAYMENTS FOR INTERNATIONAL TRANSPORTATION: 1960 TO 1980

[In millions of dollars. Data are international transportation transactions recorded for balance of payment purposes (see table 1492). Receipts include freight on exports carried by U.S.-operated carriers and foreign carrier expenditures in U.S. ports. Payments include freight on imports carried by foreign carriers and U.S. carrier port expenditures abroad. Freight on exports carried by foreign carriers is excluded since such payments are directly or indirectly for foreign account. Similarly, freight on U.S. imports carried by U.S. carriers is a domestic rather than an international transaction. Minus sign (—) denotes excess of payments over receipts. See *Historical Statistics, Colonial Times to 1970*, series U 9 and U 10, for totals]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980 ¹
Total receipts	1,782	2,446	3,669	6,801	6,879	7,976	8,630	9,918	12,055	14,011
Ocean transportation ²	1,337	1,731	2,256	4,045	4,065	4,804	5,080	5,850	6,925	7,742
Export freight earnings	428	519	604	1,171	1,183	1,373	1,237	1,432	1,729	2,071
Freight earnings on shipments between foreign countries	136	153	209	307	328	353	395	412	480	588
Port expenditures	746	1,041	1,406	2,485	2,481	3,067	3,413	3,963	4,654	4,990
Charter hire	8	9	37	82	73	11	35	43	62	93
Air transportation	358	591	1,240	2,491	2,515	2,837	3,190	3,692	4,682	5,759
Export freight earnings	55	91	187	360	390	390	427	507	577	742
Passenger fares	156	262	541	1,104	1,039	1,229	1,365	1,603	2,156	2,582
Port expenditures	147	238	512	1,027	1,086	1,218	1,398	1,582	1,949	2,435
Other transportation	87	124	173	265	299	335	360	376	448	510
Total payments	1,915	2,668	4,058	8,037	7,971	9,420	10,622	11,808	13,599	14,503
Ocean transportation	1,333	1,803	2,380	4,803	4,465	5,448	5,178	6,991	7,930	7,613
Import freight payments	780	1,083	1,444	3,365	3,047	3,963	4,622	5,325	6,039	5,513
Passenger fares	212	207	245	259	278	270	261	252	258	268
Port expenditures	167	281	316	735	755	871	943	1,041	1,203	1,367
Charter hire	174	232	375	444	385	344	352	373	430	465
Air transportation	504	775	1,581	3,083	3,346	3,761	4,206	4,572	5,397	6,614
Import freight payments	22	40	115	219	246	301	362	420	455	471
Passenger fares	301	510	970	1,836	1,985	2,298	2,487	2,644	2,926	3,339
Port expenditures	181	225	486	1,028	1,115	1,161	1,357	1,508	2,016	2,804
Other transportation	78	90	97	151	160	212	238	245	272	276
Receipts balance	-133	-222	-389	-1,236	-1,092	-1,444	-1,992	-1,890	-1,544	-492

¹Preliminary. ²Through 1965, includes small amount for passenger fares, not shown separately.

Source: U.S. Bureau of Economic Analysis, quarterly in *Survey of Current Business*.

No. 1136. EXPORTS AND IMPORTS, BY METHOD OF TRANSPORT: 1960 TO 1980

[Export data include both domestic and foreign; import data for general imports only. For details, see source]

ITEM	Unit	EXPORTS						IMPORTS					
		1960	1965	1970	1975	1979	1980	1960	1965	1970	1975	1979	1980
All methods ¹	Bil. dol.	20.6	27.5	43.2	107.6	181.8	220.7	14.7	21.4	40.0	95.9	206.3	240.8
Vessel.....	Bil. dol.	13.1	16.9	24.6	63.4	99.6	120.9	11.1	14.9	24.8	63.5	140.2	165.1
Air.....	Bil. dol.	(NA)	2.3	6.1	15.2	37.3	46.1	(NA)	1.3	3.4	8.9	22.0	28.0
Shipping weight:													
Vessel.....	Bil. lb.	248.5	343.5	480.5	538.5	714.7	801.8	398.1	511.5	598.4	655.3	1,195.9	976.8
Air.....	Bil. lb.	(NA)	.5	.9	1.4	2.2	2.3	(NA)	.2	.6	1.1	1.4	1.3

NA Not available. ¹ Includes types other than vessel and air.Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.

No. 1137. WATERBORNE COMMERCE—CARGO TONNAGE: 1950 TO 1979

[In millions of short tons. Includes Puerto Rico and outlying areas. Import and export figures differ slightly from those shown in tables 1143 and 1144 due to minor differences in basic concepts. See source for details. See also *Historical Statistics, Colonial Times to 1970*, series Q 530-541]

CLASS	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979
Net total.....	821	1,016	1,100	1,273	1,532	1,695	1,835	1,908	2,021	2,074
Domestic commerce ¹	651	745	761	829	951	946	979	973	1,075	1,080
Coastwise, between ports.....	183	196	209	202	238	232	236	248	305	305
Great Lakes, between ports.....	170	185	155	154	157	129	132	109	143	144
Intra—										
Seaports, Great Lakes ports, and inland waterways ports.....	107	113	104	103	81	78	84	83	90	93
Ports and river ports ²	192	252	292	371	474	507	527	532	538	539
Foreign commerce.....	169	271	339	444	581	749	856	935	946	993
Imports, through seaports.....	98	144	198	245	319	455	540	625	616	608
Imports, Great Lakes ports.....	6	9	13	25	26	21	31	33	27	25
Exports, through seaports.....	44	95	105	142	206	237	251	241	259	312
Exports, Great Lakes ports.....	24	23	23	32	36	35	35	36	44	49

¹ Includes traffic among ports of outlying areas. ² Represents traffic mainly utilizing inland waterways.Source: U.S. Corps of Engineers, *Waterborne Commerce of the United States*, annual.

No. 1138. FREIGHT CARRIED ON INLAND WATERWAYS, BY SYSTEM: 1950 TO 1979

[In billions of ton-miles. Excludes Alaska and Hawaii, except as noted. Includes waterways, canals, and connecting channels]

SYSTEM	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total.....	163.3	216.5	220.3	262.4	318.6	358.2	354.9	342.2	372.9	368.3	409.3	424.6
Atlantic coast waterways.....	6.5	27.0	28.6	27.8	28.6	34.2	35.4	31.8	32.1	30.4	30.5	31.9
Gulf coast waterways.....	1.2	13.9	16.9	21.8	28.6	32.3	33.5	30.8	34.3	37.6	37.1	38.1
Pacific coast waterways ¹	1.7	4.7	6.0	6.6	8.4	10.5	10.3	9.7	11.3	12.8	13.6	14.1
Mississippi River system ²	33.6	52.0	69.3	96.6	138.5	155.3	168.3	170.7	189.5	198.9	209.3	218.8
Great Lakes System ³	120.3	118.9	99.5	109.6	114.5	125.9	107.5	99.2	105.6	90.7	118.9	121.7

¹ Beginning 1960, includes Alaskan waterways. ² Comprises main channels and all tributaries of the Mississippi, Illinois, Missouri, and Ohio Rivers. ³ Does not include traffic between foreign ports.Source: U.S. Corps of Engineers, *Waterborne Commerce of the United States*, annual.

No. 1139. FEDERAL EXPENDITURES FOR CIVIL FUNCTIONS OF THE CORPS OF ENGINEERS, UNITED STATES ARMY: 1950 TO 1980

[In millions of dollars. Through 1976, for years ending June 30; beginning 1977, years ending Sept. 30. Includes Puerto Rico and other U.S. outlying areas. Represents funds expended for maintenance and improvement of rivers and harbors, flood control, etc. See also *Historical Statistics, Colonial Times to 1970*, series Q 558]

YEAR	Total	Rivers and harbors	YEAR	Total	Rivers and harbors	YEAR	Total	Rivers and harbors
1950.....	635	190	1972.....	1,535	1,522	1977.....	2,560	2,244
1955.....	512	456	1973.....	1,737	1,614	1978.....	2,805	2,479
1960.....	869	801	1974.....	1,936	1,859	1979.....	3,259	3,130
1965.....	1,211	1,093	1975.....	2,199	2,121	1980.....	3,527	3,406
1970.....	1,186	1,051	1976.....	2,266	2,080			

Source: U.S. Corps of Engineers, *Performance Measurement Systems*, annual.

NO. 1140. FREIGHT CARRIED ON MISSISSIPPI RIVER SYSTEM: 1950 TO 1979

[Net traffic. Comprises main channels and all tributaries of the Mississippi, Illinois, Missouri, and Ohio Rivers]

ITEM	Unit	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978	1979
Total	Mill. sh. tons	138	194	234	302	391	443	453	498	537	553	582
Inland.....	Mill. sh. tons.....	115	164	188	238	297	330	330	346	352	355	371
Coastwise.....	Mill. sh. tons.....	14	16	22	28	44	28	30	26	30	32	33
Foreign:												
Imports.....	Mill. sh. tons.....	4	6	11	13	17	37	46	67	96	99	106
Exports.....	Mill. sh. tons.....	5	8	13	23	34	47	48	60	60	67	73
Total	Bil. ton-miles	33.6	52.0	69.3	96.6	138.5	168.2	170.7	189.5	196.8	209.3	218.8
Inland.....	Bil. ton-miles.....	30.3	47.4	62.4	87.4	125.9	150.9	151.3	164.8	166.9	176.5	184.4
Coastwise.....	Bil. ton-miles.....	2.1	2.5	3.2	3.6	4.9	4.2	4.5	4.1	4.8	5.4	5.7
Foreign:												
Imports.....	Bil. ton-miles.....	.6	1.0	1.8	2.3	2.8	6.5	8.0	11.7	16.2	16.8	17.6
Exports.....	Bil. ton-miles.....	.6	1.1	1.9	3.3	4.9	6.6	6.9	8.8	8.8	10.1	11.1

¹ Total reflects adjustment not available by type of traffic.Source: U.S. Corps of Engineers, *Waterborne Commerce of the United States*, annual.

NO. 1141. U.S. FREIGHT CARRIED ON GREAT LAKES SYSTEM: 1950 TO 1979

[In billions of ton-miles]

ITEM	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total	111.7	118.8	99.5	109.6	114.5	125.9	107.5	99.2	105.6	90.7	118.9	121.7
Domestic.....	100.1	104.9	80.6	76.7	80.1	84.5	79.7	69.2	71.3	53.0	76.8	78.5
Lake/water.....	99.6	104.1	79.7	75.9	79.4	83.8	78.9	68.5	70.7	52.4	76.3	78.0
Internal.....	.3	.6	.7	.7	.6	.6	.6	.5	.5	.4	.4	.4
Local ¹	.2	.2	.2	.1	.1	.2	.1	.1	.1	.1	.1	.1
Foreign.....	11.6	13.9	18.9	32.9	34.3	41.4	27.8	29.9	34.3	37.7	42.1	43.1
Canadian.....	11.4	13.4	13.8	23.5	23.8	26.2	19.4	20.7	23.7	23.1	23.1	26.9
Overseas.....	.2	.5	5.1	9.4	10.5	15.2	8.4	9.3	10.7	14.7	19.0	16.2

¹ Includes coastwise traffic.Source: U.S. Corps of Engineers, *Waterborne Commerce of the United States*, annual.NO. 1142. DOMESTIC AND FOREIGN WATERBORNE COMMERCE, BY TYPE OF COMMODITY:
1970 TO 1979

[In millions of short tons. Domestic trade includes all commercial movements between U.S. ports and on inland rivers, canals, and connecting channels of U.S., Puerto Rico, and Virgin Islands. See also headnote, table 1137]

COMMODITY	1970		1975		1978		1979			
	Total	Do- mestic	Total	Do- mestic	Total	Do- mestic	Total	Do- mestic	Foreign	
									Imports	Exports
Net total	1,531.7	950.7	1,695.0	946.3	2,021.3	1,075.3	2,073.8	1,080.3	633.0	360.4
Petroleum products ¹	394.7	267.3	407.6	328.5	463.7	360.2	452.9	346.6	89.5	16.8
Gasoline.....	89.3	88.7	95.7	92.2	101.2	94.7	91.0	83.5	7.1	.4
Distillate fuel oil.....	76.8	76.9	93.4	87.0	87.6	83.8	84.4	79.5	4.6	.3
Residual fuel oil.....	170.5	78.8	172.1	111.5	201.3	136.0	192.2	136.7	55.0	.5
Crude petroleum.....	210.5	116.3	333.8	77.9	533.4	146.0	528.0	148.9	379.1	-
Coal and lignite.....	225.4	154.1	219.0	152.8	185.9	143.8	227.4	160.5	1.2	65.7
Nonmetallic minerals ^{1,2}	166.6	132.6	159.2	123.3	174.9	129.9	175.9	125.6	24.9	25.4
Sand and gravel ³	76.4	73.9	72.4	67.9	76.2	71.5	74.1	69.9	3.3	.9
Limestone.....	42.0	34.1	37.8	29.1	41.6	30.9	40.5	28.6	7.9	4.0
Phosphate rock.....	16.6	5.8	20.1	9.4	23.2	9.0	23.7	8.3	1.1	14.4
Iron and concentrates.....	129.3	75.2	121.4	69.3	119.9	80.9	125.2	83.2	36.2	5.8
Farm products ¹	90.4	28.5	144.3	43.1	188.9	54.0	199.7	55.0	5.4	139.3
Corn.....	27.2	11.7	56.8	20.8	80.8	25.9	93.4	28.4	-	65.0
Wheat.....	25.0	5.8	44.4	10.4	49.3	11.8	48.0	11.6	-	36.4
Soybeans.....	21.2	8.3	23.2	9.4	37.3	14.3	36.1	13.3	-	22.8
Chemicals and allied products.....	62.0	39.7	66.5	40.0	81.3	47.4	90.8	51.2	9.8	29.8
Food and kindred products.....	35.0	11.0	35.5	13.3	47.0	17.1	50.5	17.8	12.4	20.3
Lumber and wood products ⁴	49.9	27.3	48.2	24.7	53.0	23.9	56.3	23.2	5.6	27.5
Primary metal products.....	42.4	10.8	38.1	9.3	34.4	10.0	31.3	10.4	18.1	2.8
Waste and scrap.....	25.9	16.0	28.0	18.8	29.1	18.9	29.1	17.0	.5	11.6
Other.....	99.7	51.9	93.5	45.5	109.8	43.2	106.7	57.4	39.2	10.0

- Represents zero. ¹ Includes categories not shown separately. ² Excludes fuels. ³ Includes crushed rock. ⁴ Excludes furniture.Source: U.S. Corps of Engineers, *Waterborne Commerce of the United States*, annual.

NO. 1143. WATERBORNE IMPORTS AND EXPORTS—CARGO TONNAGE, BY FLAG OF CARRIER VESSEL: 1960 TO 1979

[In millions of short tons, except percent. Excludes commodities classified for security reasons as "Special Category" and exports by Dept. of Defense (grant-aid shipments), and merchandise shipped in transit through the U.S. See Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Q 524-529]

ITEM	DRY CARGO							TANKER CARGO						
	1960	1965	1970	1975	1977	1978	1979	1960	1965	1970	1975	1977	1978	1979
Total trade	202	274	358	397	406	439	482	120	153	181	311	481	454	473
Percent by U.S. flag	15.2	9.3	6.4	5.5	6.1	5.6	4.7	7.5	5.9	4.2	5.2	3.7	3.1	4.0
Imports, total	95	123	138	137	152	168	159	104	132	161	291	461	425	438
U.S. flag	14	10	10	10	12	12	10	6	5	6	13	15	13	18
Foreign flag	81	113	128	127	139	156	149	98	127	155	278	446	411	420
Exports, total	108	151	220	250	254	271	323	16	21	20	21	20	29	35
U.S. flag	17	15	13	11	12	12	13	3	4	2	3	3	1	1
Foreign flag	91	135	207	238	242	259	310	13	17	18	16	18	28	34

Source: U.S. Bureau of the Census, through 1965, *Foreign Commerce and Navigation of the United States*; thereafter, *U.S. Waterborne Exports and General Imports*, FT 985, annual; and unpublished data.

NO. 1144. WATERBORNE IMPORTS AND EXPORTS—CARGO TONNAGE AND VALUE, BY COASTAL DISTRICT: 1960 TO 1980

[Includes commodities classified for security reasons as "Special Category" and exports by Dept. of Defense (grant-aid shipments), and merchandise shipped in transit through the U.S. See Appendix III]

DISTRICT	CARGO TONNAGE (mil. sh. tons)							VALUE (bil. dol.)						
	1960	1965	1970	1975	1978	1979	1980	1960	1965	1970	1975	1978	1979	1980
Imports:														
Atlantic	135	164	219	232	229	220	183	7.8	9.7	15.0	34.7	54.4	62.1	71.5
Gulf	27	37	47	134	280	296	243	1.3	1.8	2.9	14.3	31.1	43.8	56.4
Pacific	23	27	31	64	67	62	56	1.6	2.4	5.5	15.2	30.4	36.6	45.0
Great Lakes	13	25	26	22	27	25	16	.5	1.0	1.3	1.7	2.9	2.9	1.9
Exports:														
Atlantic	45	55	79	80	62	91	117	7.0	8.4	11.9	28.7	33.8	42.1	51.0
Gulf	37	59	78	106	136	149	163	3.7	5.0	6.9	21.4	26.6	33.4	41.5
Pacific	19	26	48	49	59	70	78	1.8	2.4	4.1	10.0	14.5	19.5	25.2
Great Lakes	23	32	36	35	44	49	45	.7	1.2	1.4	2.8	4.2	4.6	4.6

Source: U.S. Bureau of the Census, through 1965, *Foreign Commerce and Navigation of the United States*; thereafter, *U.S. Waterborne Exports and General Imports*, FT 985, annual.

NO. 1145. VESSELS ENTERED AND CLEARED IN FOREIGN TRADE—NET REGISTERED TONNAGE, BY FLAG OF CARRIER VESSEL: 1961 TO 1980

[In millions of net tons, except as indicated. Includes Puerto Rico and Virgin Islands. Seaports comprise all ports except Great Lakes ports. See also *Historical Statistics, Colonial Times to 1970*, series Q 507-517]

YEARLY AVERAGE OR YEAR	ALL PORTS							SEAPORTS					
	Number of vessels	Tonnage, all vessels				Tonnage, all vessels			Tonnage, with cargo				
		Total	U.S.	Percent U.S.	Foreign	Total	U.S.	Foreign	Total	U.S.	Foreign		
Entered:													
1961-1965	49,670	188	33	17.9	155	166	30	136	126	19	109		
1966-1970	53,459	232	29	12.5	203	206	27	180	157	18	139		
1971-1975	53,760	319	30	9.5	290	292	28	264	220	24	196		
1976-1980	53,700	458	40	8.7	418	425	38	387	316	30	286		
1970	53,293	264	26	10.3	228	227	24	202	171	19	152		
1975	51,443	355	32	9.9	323	326	30	287	240	26	215		
1979	53,288	499	45	9.0	454	462	42	420	343	33	310		
1980	53,645	492	52	10.6	440	460	50	410	310	34	276		
Cleared:													
1961-1965	48,098	189	34	17.9	155	168	30	137	96	20	76		
1966-1970	52,415	232	30	12.8	202	206	27	179	122	23	99		
1971-1975	53,038	324	31	9.9	293	295	29	267	149	21	127		
1976-1980	52,931	453	41	9.1	412	420	38	382	203	26	177		
1970	52,195	253	27	10.6	226	226	25	201	132	20	112		
1975	51,017	363	34	10.3	329	334	31	303	168	23	144		
1979	52,642	497	48	9.7	449	459	44	415	223	28	195		
1980	52,928	487	54	11.1	433	456	51	405	246	33	213		

Source: U.S. Bureau of the Census, through 1965, *Foreign Commerce and Navigation of the United States*; thereafter, *Vessel Entrances and Clearances*, FT 975, annual.

NO. 1146. VESSELS ENTERED AND CLEARED IN FOREIGN TRADE—NET REGISTERED TONNAGE, BY CUSTOMS DISTRICTS: 1970 TO 1980

[In millions of net tons. Excludes domestic trade. Virgin Islands included in South Atlantic Coast and beginning 1970, Puerto Rico in South Atlantic Coast, Hawaii in South Pacific Coast, Alaska in North Pacific Coast]

CUSTOMS DISTRICT	VESSELS ENTERED						VESSELS CLEARED					
	1970	1975	1977	1978	1979	1980	1970	1975	1977	1978	1979	1980
North Atlantic Coast.....	102.1	114.2	113.7	112.8	118.2	118.6	99.9	116.6	113.2	112.4	119.9	115.2
With cargo.....	85.4	92.3	94.9	97.3	95.2	82.1	43.7	50.6	44.1	41.6	50.7	57.8
South Atlantic Coast.....	36.1	48.0	57.3	62.1	66.6	65.3	31.3	46.0	56.2	58.3	62.2	60.1
With cargo.....	27.1	33.8	40.2	41.9	45.6	41.9	11.9	14.3	17.6	19.2	21.6	22.4
Gulf Coast.....	36.1	89.1	145.7	161.5	182.1	172.7	42.8	96.1	139.0	155.1	179.0	175.0
With cargo.....	23.0	60.8	115.0	128.5	141.7	122.8	36.8	54.2	62.9	71.2	78.3	85.0
South Pacific Coast.....	27.5	38.4	49.0	44.0	47.8	53.3	27.7	41.2	47.2	43.6	44.7	45.1
With cargo.....	21.8	32.4	42.8	36.9	38.5	36.0	20.9	24.0	25.3	27.7	30.2	31.7
North Pacific Coast.....	24.9	36.8	41.5	41.9	47.8	50.6	24.3	33.8	40.9	42.6	53.6	60.3
With cargo.....	13.6	21.1	24.9	23.8	24.4	25.6	19.0	24.5	28.2	30.7	42.1	49.0
Great Lakes.....	27.5	28.8	32.9	34.3	36.3	31.1	27.2	29.4	33.3	34.5	36.9	31.5
With cargo.....	15.2	14.0	20.5	17.6	17.1	11.3	20.2	21.2	21.6	24.5	26.8	23.7

Source: U.S. Bureau of the Census, 1965, *Foreign Commerce and Navigation of the United States*; thereafter, *Vessel Entrances and Clearances*, FT 975, annual.

NO. 1147. TRAFFIC THROUGH THE PANAMA CANAL: 1960 TO 1980

[Through 1976, for years ending June 30; beginning 1977, ending Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series Q 553-555]

YEAR	ALL TRAFFIC		COMMERCIAL OCEAN TRAFFIC ¹				Nationality of vessel	COMMERCIAL OCEAN TRAFFIC, ¹ 1980			
	Trans-its (1,000)	Cargo (mil. lg. tons)	Trans-its (1,000)	Net tons (mil. tons)	Tolls (mil. dol.)	Cargo (mil. lg. tons)		Trans-its	Net tons (mil.)	Tolls (mil. dol.)	Cargo (mil. lg. tons)
1960.....	12.1	60.4	10.8	56.3	50.9	59.3	United States.....	1,906	34.4	53.0	30.7
1965.....	12.9	78.9	11.8	74.7	65.4	76.6	Great Britain.....	870	11.6	18.8	10.2
1970.....	15.5	118.9	13.7	108.1	94.7	114.3	Greece.....	1,552	18.8	30.3	24.3
1975.....	14.7	140.6	13.6	135.1	141.9	140.1	Japan.....	1,133	16.6	26.6	10.5
1976.....	13.2	117.4	12.2	127.8	134.2	117.2	Liberia.....	1,814	31.0	50.0	33.7
1977.....	13.1	123.2	11.9	133.4	163.8	123.0	Norway.....	449	7.8	12.8	5.6
1978.....	13.8	142.8	12.7	150.7	194.8	142.5	Panama.....	1,228	12.6	20.0	10.7
1979.....	14.4	154.5	12.9	167.5	208.4	154.1	Soviet Union.....	544	3.4	5.5	2.0
1980.....	14.7	167.6	13.5	182.1	291.8	167.2	All others.....	4,011	45.9	74.8	38.3

¹ Ooceangoing toll-paying vessels and foreign vessels of 300 net tons and over (Canal measurement) for vessels rated on net tonnage, or 500 tons displacement and over for vessels rated on displacement tonnage.

Source: Panama Canal Commission, Balboa Heights, Panama, *Annual Report*.

NO. 1148. U.S. MERCHANT MARINE DOCUMENTED VESSELS: 1950 TO 1980

[Tons in thousands, vessels of 5 net tons or more. As of Jan. 1. Includes Puerto Rico, Guam, and Virgin Islands. Includes barges and non-self-propelled dredges. See also *Historical Statistics, Colonial Times to 1970*, series Q 417-418]

YEAR	Number	Gross tons	YEAR	Number	Gross tons	YEAR	Number	Gross tons	YEAR	Number	Gross tons
1950.....	36,083	31,215	1959.....	49,991	28,591	1973.....	54,436	27,406	1977.....	65,971	33,152
1955.....	39,242	29,958	1970.....	49,993	29,813	1974.....	57,928	29,375	1978.....	68,825	35,094
1960.....	43,088	28,581	1971.....	50,750	27,400	1975.....	60,940	30,389	1979.....	72,341	37,023
1965.....	45,579	26,516	1972.....	52,355	27,057	1976.....	63,754	31,883	1980.....	76,754	39,801

Source: 1950-1965, U.S. Bureau of Customs; thereafter, U.S. Coast Guard, unpublished data.

NO. 1149. DOMESTIC MERCHANT VESSELS COMPLETED BY U.S. SHIPYARDS: 1960 TO 1980

[Vessels of 1,000 gross tons and over. See also *Historical Statistics, Colonial Times to 1970*, series Q 438-448]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Merchant vessels.....	Number.....	26	13	13	24	20	15	16	17	14	15	9
Gross tons.....	1,000.....	410	173	342	734	697	452	615	884	912	1,149	375
Cargo.....	Number.....	15	11	6	18	11	3	4	2	2	4	6
Gross tons.....	1,000.....	134	121	120	419	314	65	57	25	27	53	105
Deadweight tons.....	1,000.....	163	154	134	450	402	71	76	37	30	47	114
Tankers.....	Number.....	11	2	7	6	9	12	12	15	12	11	4
Gross tons.....	1,000.....	276	52	222	315	383	387	558	859	885	1,096	270
Deadweight tons.....	1,000.....	456	92	427	653	759	742	1,176	1,585	1,392	1,901	354

Source: 1960, American Bureau of Shipping, New York, N.Y., annually in *The Bulletin*; thereafter, U.S. Maritime Administration, *New Ship Construction*, annual.

NO. 1150. UNITED STATES FLAG MERCHANT VESSELS, STEAM AND MOTOR: 1970 TO 1980

[Deadweight tonnage in thousands. As of June 30 except, beginning 1977, as of Sept. 30. Covers oceangoing vessels of 1,000 gross tons and over engaged in foreign and domestic trade, and inactive vessels. Excludes special types such as tugs, barges, cable ships, fishing trawlers, and vessels employed on Great Lakes. See also *Historical Statistics, Colonial Times to 1970*, series Q 487-502]

ITEM	CARGO ¹						TANKER					
	1970	1975	1977	1978	1979	1980	1970	1975	1977	1978	1979	1980
Number of vessels	1,479	612	566	552	566	553	301	279	275	289	305	310
Active:												
Foreign trade	354	228	240	204	204	195	32	39	41	62	72	32
Domestic trade ²	70	49	44	46	40	46	175	156	170	175	168	211
Coastwise	10	17	8	6	8	11	132	136	117	113	114	103
Noncontiguous	43	29	36	40	31	34	35	12	38	41	40	45
Special service	146	34	41	43	45	44	42	28	28	24	23	23
Inactive:												
Temporarily	41	38	12	47	36	32	22	31	24	16	22	24
Reserve fleet	868	263	229	212	241	236	30	27	12	12	20	20
Tons carried	15,445	8,175	7,850	7,807	7,844	7,872	7,835	9,433	11,618	13,446	15,153	16,107
Active:												
Foreign trade	4,699	3,901	4,336	3,829	3,886	3,826	1,076	2,303	2,481	4,855	6,223	2,793
Domestic trade ²	850	832	646	685	597	713	4,518	4,855	6,796	7,036	7,032	10,546
Coastwise	116	354	137	111	120	200	3,483	4,299	3,794	3,428	3,353	3,078
Noncontiguous	482	424	509	574	468	479	870	339	2,601	3,091	3,239	3,699
Special service	1,741	459	500	530	565	560	1,189	755	783	914	645	681
Inactive:												
Temporarily	472	541	174	733	499	451	691	1,173	1,394	677	952	1,806
Reserve fleet	7,684	2,442	2,194	2,030	2,297	2,322	361	347	164	164	301	301

¹Includes combination passenger and cargo vessels, not shown separately. ²Includes intercoastal, not shown separately.

Source: U.S. Maritime Administration, *Employment Report of the United States Flag Merchant Fleet Ocean-going Vessels 1,000 Gross Tons and Over*, annual.

NO. 1151. SHIPBUILDING IN PRIVATE SHIPYARDS—SUMMARY: 1970 TO 1980

[Steel self-propelled vessels of 1,000 tons or over. See also *Historical Statistics, Colonial Times to 1970*, series Q 449-458]

TYPE OF VESSEL AND STATUS OF CONSTRUCTION	NUMBER						TONS (1,000)					
	1970	1975	1977	1978	1979	1980	1970	1975	1977	1978	1979	1980
Commercial (gross tons):												
Under construction ¹	49	96	72	60	70	69	1,388	5,064	4,238	3,467	2,635	1,816
Contracted for	13	14	13	30	21	7	580	598	266	394	487	116
Launched	11	18	19	22	20	23	322	759	988	1,170	720	442
Delivered	13	19	25	19	21	23	370	469	1,036	1,027	1,288	788
Cancelled	(NA)	12	-	1	1	4	(NA)	545	-	199	8	207
Naval (light displacement tons):												
Under construction ¹	108	63	88	91	102	99	621	663	712	652	677	630
Contracted for	6	16	15	25	13	11	132	106	89	119	61	101
Launched	23	8	12	19	25	22	117	110	91	127	142	183
Delivered	32	3	12	14	16	19	166	79	148	95	108	102

- Represents zero. NA Not available. ¹As of Jan. 1.

Source: Shipbuilders Council of America, Washington, D.C., *Annual Report*, and unpublished data.

NO. 1152. VESSELS REPAIRED OR CONVERTED IN PRIVATE SHIPYARDS: 1960 TO 1980

[Covers both shipbuilding and ship repair yards. See also *Historical Statistics, Colonial Times to 1970*, series Q 467-472]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
All vessels: Volume	Mil. dol	386	718	790	1,246	1,242	1,359	1,507	1,719	1,814	1,876
Commercial ships ²	Mil. dol	274	383	431	713	688	715	789	808	1,870	1,914
Naval ships	Mil. dol	122	335	359	533	554	644	718	911	1,944	1,962
Over 1,000 gross tons:											
Yards reporting	Number	93	93	75	65	72	70	70	65	(NA)	(NA)
Commercial vessels	1,000	12.8	12.7	12.4	8.5	7.9	8.0	8.2	8.2	(NA)	(NA)

NA Not available. ¹Estimated. ²Includes Military Sealift Command work.

Source: Shipbuilders Council of America, Washington, D.C., *Annual Report*, and unpublished data.

No. 1153. EMPLOYEES IN GOVERNMENT AND PRIVATE SHIPYARDS: 1960 TO 1980

(In thousands. Annual average employment in establishments primarily engaged in building and repairing all types of ships, barges, canal boats, and lighters of 5 gross tons and over, whether propelled by sail or motor power or towed by other craft)

YEAR	Total	Private yards ¹	Navy yards	YEAR	Total	Private yards ¹	Navy yards	YEAR	Total	Private yards ¹	Navy yards
1960.....	208	112	96	1973.....	214	149	65	1977.....	242	174	68
1965.....	213	129	84	1974.....	225	161	64	1978.....	243	172	71
1970.....	216	134	83	1975.....	217	154	65	1979.....	244	173	71
1972.....	216	146	70	1976.....	233	168	65	1980.....	249	176	73

¹ Includes all full- and part-time employees.

Source: U.S. Bureau of Labor Statistics, unpublished data. (Current data for private yards published monthly in *Employment and Earnings*.)

No. 1154. EMPLOYMENT ON U.S. FLAG MERCHANT VESSELS, 1960 TO 1980, AND BASIC MONTHLY (JANUARY) WAGE SCALE FOR ABLEBODIED SEAMEN, 1970 TO 1981

[Employment in thousands. See also *Historical Statistics, Colonial Times to 1970*, series Q 414-416]

YEAR	Em- ploy- ment ¹	YEAR	Em- ploy- ment ¹	YEAR	East coast wage rate ²	West coast wage rate ²	YEAR	East coast wage rate ²	West coast wage rate ²
1960.....	49.2	1976.....	21.1	1970.....	\$470	\$652	1977.....	\$737	\$1,072
1965.....	² 39.1	1977.....	20.9	1974.....	583	856	1978.....	804	1,172
1970.....	37.6	1978.....	19.9	1975.....	612	900	1979.....	865	1,287
1975.....	20.5	1979.....	19.7	1976.....	688	1,001	1980.....	967	1,414
		1980.....	19.6				1981.....	1,120	1,535

¹ As of June 30, except beginning 1978, as of Sept. 30. Estimates of personnel employed on merchant ships, 1,000 gross tons and over. Excludes vessels on inland waterways, Great Lakes, and those owned by, or operated for, U.S. Army and Navy, and special types such as cable ships, tugs, etc. ² Decrease due to seafaring strike. ³ Basic monthly wage, over and above subsistence (board and room); excludes overtime and fringe pay benefits. West coast incorporates extra pay for Saturdays and Sundays at sea into base wages but east coast does not.

Source: U.S. Maritime Administration, 1960-1965, *Seafaring Wage Rates*; thereafter, unpublished data.

No. 1155. WORLDWIDE TANKER CASUALTIES: 1973 TO 1981

[Covers tankers, ore/oil carriers, and bulk/oil vessels of 6,000 deadweight tons and over; excludes liquid gas carriers. Based on data from "Lloyd's List" published by Lloyd's of London. "Casualties" include weather damage, strandings, collisions and other contact, fires and explosions, machinery damage, and other mishaps]

ITEM	1973	1974	1975	1976	1977	1978	1979	1980	1981 ¹
Property loss: ²									
Partial and total.....	1,273	1,168	906	819	834	685	772	(NA)	(NA)
Total.....	12	14	22	20	20	17	26	15	4
Personnel loss: Deaths.....	70	94	90	226	113	148	306	132	14
Injuries.....	159	62	14	87	102	109	135	(NA)	(NA)
Oil spills:									
Number.....	36	48	45	29	49	35	65	32	15
Amount (1,000 tons).....	84.5	67.1	188.0	204.2	213.1	260.5	723.5	135.6	6.8

NA Not available. ¹ Jan.-April. ² Includes actual and constructive (cost to repair damage exceeds value of vessel) total losses.

Source: Tanker Advisory Center, Inc., New York, N.Y., "Worldwide Tanker Casualty Returns," quarterly.

No. 1156. MERCHANT VESSELS—WORLD AND UNITED STATES: 1960 TO 1980

[Vessels of 100 gross tons and over. Excludes sailing ships, nonpropelled craft, and all ships built of wood. See also *Historical Statistics, Colonial Times to 1970*, series Q 473-480]

YEAR	WORLD: COMPLETED		WORLD: OWNED		U.S.: COMPLETED		U.S.: OWNED	
	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)
1960.....	2,005	8,382	34,056	129,339	49	379	3,845	24,781
1965.....	2,202	11,763	39,628	159,979	116	218	3,224	21,478
1970.....	2,814	20,980	50,472	227,138	156	375	2,822	18,423
1975.....	2,730	34,202	61,501	341,780	127	476	3,801	14,491
1978.....	2,618	18,194	69,020	406,002	151	1,033	4,746	16,188
1979.....	2,466	14,289	71,129	413,021	182	1,352	5,088	17,542
1980.....	2,412	13,101	73,882	419,911	205	555	5,579	18,464

Source: Lloyd's Register of Shipping, London, England, *Statistical Tables*, annual; and *Annual Summary of Merchant Ships Completed in the World*.

NO. 1157. MERCHANT VESSELS—SHIPS AND TONNAGE LOST, BY TYPE OF SHIP: 1976 TO 1978

TYPE OF SHIP	SHIPS LOST				GROSS TONNAGE LOST (1,000)			
	1976	1977	1978		1976	1977	1978	
			Total	Percent of total			Total	Percent of total
Total ¹	345	336	473	100.0	1,156	1,073	1,711	100.0
Tankers	32	19	28	5.9	558	373	703	41.1
Ore/bulk carriers	8	8	13	2.7	123	82	186	10.9
General cargo	185	194	286	60.5	361	412	756	44.2
Passenger ²	6	2	2	.4	48	10	3	.2
Fishing	82	82	99	20.9	25	26	27	1.6

¹ Includes types not shown separately. ² Includes cargo-passenger ships.Source: Lloyd's Register of Shipping, London, England, *Casualty Return*, annual.

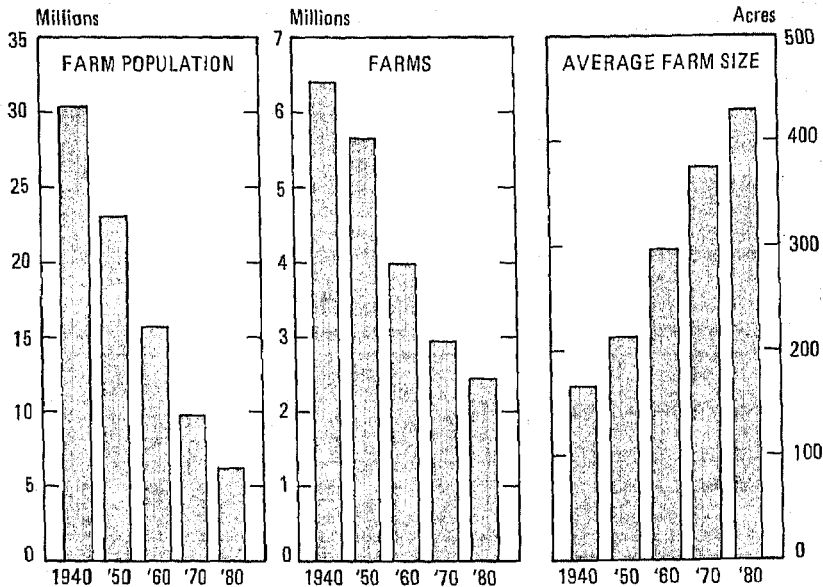
NO. 1158. MERCHANT FLEETS OF THE WORLD: 1970 TO 1979

(Vessels of 1,000 gross tons and over. As of Dec. 31. Specified countries have 100 or more ships)

YEAR AND COUNTRY OF REGISTRY, 1979	TOTAL		PASSENGER/ CARGO COMB.		FREIGHTERS		BULK CARRIERS ¹		TANKERS	
	Num- ber	Avg. age (yr.)	Num- ber	Avg. age (yr.)	Num- ber	Avg. age (yr.)	Num- ber	Avg. age (yr.)	Num- ber	Avg. age (yr.)
1970, world total	19,980	13	895	21	11,899	13	2,954	8	4,232	11
United States	1,579	22	171	25	1,076	23	38	25	294	19
Foreign	18,401	12	724	20	10,823	13	2,916	8	3,938	10
1975, world total	22,872	12	714	21	12,575	13	4,272	9	5,311	11
United States	857	21	60	29	511	21	19	25	287	19
Foreign	22,015	12	654	21	12,064	13	4,253	9	5,044	11
1978, world total	24,512	12	487	23	14,141	13	4,651	9	5,233	11
United States	879	22	74	32	481	23	22	21	302	19
Foreign	23,633	12	413	22	13,660	13	4,629	8	4,931	11
1979, world total	24,798	12	495	23	14,329	13	4,714	9	5,260	12
United States	865	22	68	33	469	23	21	22	307	19
Privately-owned	569	17	6	19	257	16	21	22	285	18
Government-owned	296	33	62	34	212	32	-	-	22	36
Foreign	23,933	12	427	22	13,860	13	4,693	9	4,953	11
Argentina	201	18	2	22	111	18	29	16	59	23
Brazil	294	12	4	31	180	13	39	5	61	13
British Colonies	216	12	3	15	122	13	63	8	28	13
Bulgaria	114	11	2	10	53	13	39	9	20	12
Canada	101	19	6	22	35	18	14	17	46	20
China: Mainland	645	15	17	12	462	16	85	12	81	15
Taiwan	170	12	5	19	119	12	33	12	13	11
Cyprus	457	22	8	31	404	22	24	20	21	18
Denmark	290	6	7	17	175	6	36	5	72	7
Finland	179	10	9	12	93	11	41	7	36	11
France	359	8	2	17	183	8	50	7	124	9
German Dem. Rep.	157	11	2	25	127	10	20	15	8	14
Germany, Fed. Rep. of	502	7	3	14	386	7	49	7	64	7
Greece	2,876	16	60	28	1,564	18	857	11	395	16
India	363	12	7	14	221	14	105	9	30	7
Indonesia	239	18	11	22	191	18	9	10	28	15
Italy	624	16	21	25	220	17	149	13	234	15
Japan	1,751	7	8	10	756	8	500	7	487	6
Korea, Rep. of	362	11	-	-	206	12	99	9	57	12
Liberia	2,380	9	6	25	567	9	920	8	887	9
Netherlands	450	8	4	13	357	7	27	8	62	12
Norway	632	7	23	15	192	7	163	6	254	7
Panama	2,347	15	39	27	1,666	16	369	11	273	14
Philippines	200	17	11	20	135	17	21	10	33	20
Poland	303	10	4	15	208	12	78	8	13	4
Romania	184	6	1	41	132	6	43	5	8	8
Singapore	667	14	11	26	458	15	82	10	116	11
Soviet Union	2,512	13	58	20	1,828	13	156	9	470	13
Spain	506	9	12	24	304	9	68	6	122	10
Sweden	233	6	2	8	135	6	31	6	65	7
Turkey	168	13	11	31	108	13	21	9	28	11
United Kingdom	1,110	9	12	13	514	8	236	8	348	9
Yugoslavia	253	14	8	15	183	16	49	9	13	15
All others	2,088	13	48	23	1,455	14	188	8	397	11

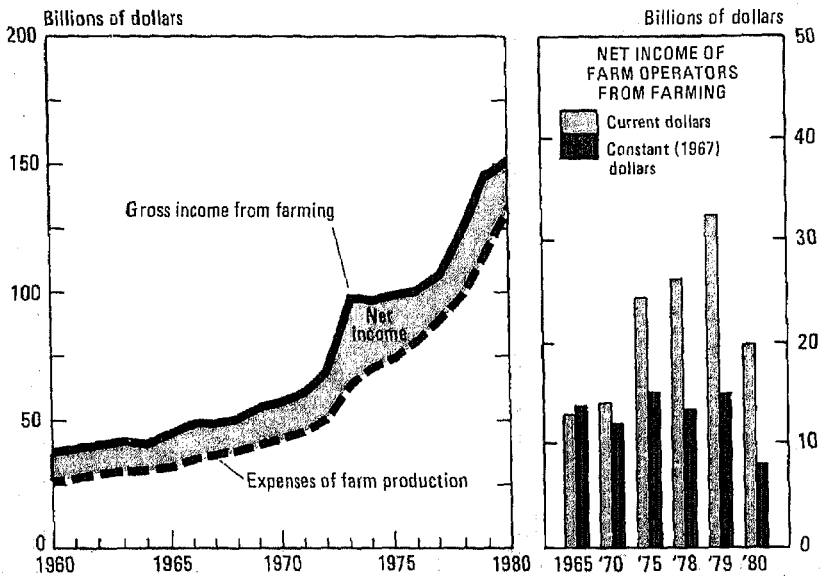
- Represents zero. ¹ Includes bulk/oil, ore/oil, and ore/bulk/oil carriers.Source: U.S. Maritime Administration, *A Statistical Analysis of the World's Merchant Fleets*, annual.

Figure 24.1
Changes in Farming: 1940 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1159 and 1165.

Figure 24.2
Farm Income and Expenses: 1960 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1191.



Section 24

Agriculture

This section presents statistics on farms and farm population; land use and irrigation; farm cooperatives; farm income, expenditures, and debt; farm output, productivity, and marketings; foreign trade in agricultural products; specific crops; and livestock, poultry, and their products.

The principal sources of these data are the reports issued by the U.S. Bureau of the Census and by the Statistical Reporting Service (SRS) and the Economic Research Service (ERS) of the U.S. Department of Agriculture. The Bureau of the Census has taken a census of agriculture every 10 years from 1840 to 1920 and roughly every 5 years from 1925 to 1978. The 1978 Census of Agriculture is the most recent census for which reports are presently available. The Department of Agriculture publishes annually *Agricultural Statistics*, a general reference book on agricultural production, supplies, consumption, facilities, costs, and returns. In 1980 the Economic Research Service began to publish a new series of annual reports, *Economic Indicators of the Farm Sector*. This series comprises four reports: *Income and Balance Sheet Statistics*, *State Income and Balance Sheet Statistics*, *Production and Efficiency Statistics*, and *Costs of Production*. These publications replace four annual reports: *Balance Sheet of the Farming Sector*, *Farm Income Statistics*, *State Farm Income Statistics*, and *Changes in Farm Production and Efficiency*. Situation reports issued periodically by the ERS present current data on a variety of crops. Sources of current data on agricultural exports and imports include *Foreign Agricultural Trade of the United States*, published by the ERS, and the reports of the Bureau of the Census, particularly *U.S. General Imports, Schedule A*, *Commodity by Country*, and *U.S. Exports, Schedule B, Commodity by Country*. In addition, the SRS provides agricultural employment estimates and wage rates in the periodic *The Hired Farm Working Force*. Also reported are days employed, earnings from farm and nonfarm work, personal characteristics of hired farm workers, and other pertinent information.

Agricultural statistics have been issued by the Department of Agriculture for over 100 years. The 44 field offices of the SRS collect data on crops, livestock products, agricultural prices, farm employment, and other related subjects mainly through sample surveys. Information is obtained on some 150 crops and 50 livestock items as well as scores of items pertaining to agricultural production and marketing. State estimates and supporting information are sent to the Crop Reporting Board of SRS which reviews the estimates and issues reports containing State and national data. Among these reports are two annual summaries, *Crop Production* and *Crop Values*.

Farms and farmland.—Over time, the Bureau of the Census has used varying definitions of a farm. Data shown from the census of agriculture reflect the changes in definition since figures are presented for "farms" as defined during the years indicated. For the Census of Agriculture for 1974 and 1978, a farm was defined to include all land on which agricultural operations were conducted under the day-to-day control of an individual management and from which \$1,000 or more of agricultural products were, or potentially could be, sold during the census year. Control may have been exercised through ownership or management, or through a lease, rental, or cropping arrangement. Volume I census reports for 1974 and 1978 provide a detailed explanation of the new definition along with measures of the effect of the change for each State and county. The effect of the change in definition must be considered when comparing coverage estimates for all farms in the 1974 and 1978 censuses with those in previous censuses. In the 1969 census, as well as the 1959 and 1964 censuses, places of less than 10 acres were counted as farms if estimated sales of agricultural products for the year amounted to at least \$250, and places of 10 or more acres if such sales amounted to at least \$50. In the 1950 and 1954 censuses, places of 3 or more acres were counted as farms if the annual value of agricultural products, exclusive of homegarden products, amounted to \$150 or more; places of less than 3 acres were counted as farms only if the annual sales amounted to \$150 or more. For definitions used in earlier censuses, see *U.S. Census of Agriculture: 1974*, vol. II, Part I, General Information.

Unless otherwise stated in the specific tables of this section, the definition of a farm applicable to data originated by the Department of Agriculture is the one used by the Bureau of the Census for the agriculture census immediately preceding the year or years for which the data are shown.

Currently included as farms are such diverse enterprises as nurseries, greenhouses, sod farms, mushroom operations, cranberry bogs, feedlots, fish farms, and hatcheries; excluded are business enterprises exclusively engaged in forest production and in production of fish, oysters, fowl, etc., from the ocean, game preserves, parks, and the like, when not grown in captivity. In the case of landowners who had one or more tenants, or renters, the land operated by each was counted as a separate farm.

Farmland refers to all land under the control of a farm operator and considered as part of his farm, including land not actually under cultivation or not used for pasture or grazing. Rent-free land was included as part of the farm only if the operator had sole use of it. Land used for pasture or grazing on a per head basis that was neither owned nor leased by the farm operator is not included except for grazing lands controlled by grazing associations leased on a per acre basis.

State totals for 1978 are not directly comparable with totals for 1974 or earlier censuses because of changes in the procedures of collecting data. For details, see 1978 census reports. Preliminary coverage estimates for 1978 indicate about 3.4 percent of all farms were not included in census totals. Coverage evaluation studies for the 1974 census indicated that 10.7 percent of all farms were not included in the census. Farms missed in the census were usually small and accounted for less than 3 percent of the total value of agricultural products sold and less than 6 percent of the land in farms. The proportion of farms missed in the 1974 census was generally higher in States having a large proportion of small farms and urbanized areas having a sizable number of part-time farms. For more explanation about data comparability, see Appendixes A and C, *Census of Agriculture: 1978*, Volume I reports.

Farm population.—Farm population consists of all persons living on farms in rural areas. Data prior to 1960 are based on self-identification by respondents as to whether they live on a farm, and are not based on any criterion for the definition of a farm. Except as noted, farm population data shown for 1960 to 1976 are based on the definition of a farm used for the 1969 Census of Agriculture. Farm population data for 1977 to 1980 are shown on the bases of both the 1969 and 1974 census farm definitions and so indicated.

Irrigation.—Irrigated land is defined by the Bureau of the Census as the acreage in farms to which water is artificially applied during the census year. In addition to collecting information on irrigation from individual farms in the census of agriculture, the Bureau of the Census collects data on the operation of irrigation water supply organizations at 10-year intervals. In 1978, irrigation information was collected from both individual farms and irrigation organizations.

Farm income.—Cash income comprises cash receipts from farm marketings and Federal payments made directly to farmers for farm related activities. Farm marketings represent agricultural products sold by farmers multiplied by prices received per unit of production at the local market. Gross farm income includes cash income, value of farm products consumed in farm homes, rental value of farm homes, etc.

Information on prices received for farm products is generally obtained by the SRS Crop Reporting Board from surveys of firms (such as grain elevators, packers, and processors) purchasing agricultural commodities direct from producers. In some cases, the price information is obtained directly from the producers. Season average prices received by farmers are calculated by weighting monthly prices by monthly sales during the crop marketing season, beginning with the first month in which a particular crop harvest begins.

Crops.—Estimates of crop acreage and production by the SRS are based on current sample survey data obtained from individual reporters and objective yield counts which are supplemented by State assessors' enumerations of agricultural information, reports of carlot shipments, market records, personal field observations by field statisticians, and reports from other sources. Cotton acreage and production are based on sample survey data and on ginning information gathered by the Bureau of the Census.

Price supports.—Under law, farm incomes are supported through two basic Government-supported mechanisms available to producers of eligible commodities: (1) a *market price support* (loan rate) through which producers may place any portion of their production in approved storage and receive a loan at a specified rate. At the end of the loan period, the farmer may choose to either repay the loan with interest and retain the commodity, or forfeit the commodity as payment for the loan; (2) a *farm income support* (target price) whose payments vary inversely with the market price of the specified commodity. "Deficiency payments" are made when market prices for a specified period are below the target prices. The payment rate is the difference between the target price and market price, or between the target price and loan rate, whichever is smaller.

Livestock.—Annual inventory numbers of livestock and estimates of livestock, dairy, and poultry production prepared by the Department of Agriculture are based on information from farmers and ranchers obtained by probability survey sampling methods. Volume II of *U.S. Census of Agriculture: 1974* gives a complete history of the enumeration of livestock and analyzes comparability from census to census. Comparability of livestock inventories over time is seriously affected by changes in date of enumeration.

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

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

NO. 1159. FARM POPULATION AND EMPLOYMENT: 1930 TO 1980

[In thousands, except percent. Prior to 1959, excludes Alaska and 1960, Hawaii. Minus sign (—) denotes decrease. For definition of farm population, see text, p. 656. See also *Historical Statistics, Colonial Times to 1970*, series C 76-78 and K 1-3 and K 174.]

YEAR	FARM POPULATION ¹		NET AVERAGE ANNUAL CHANGE ³		Farm employ- ment ⁵	YEAR	FARM POPULATION ¹		NET AVERAGE ANNUAL CHANGE ³		Farm employ- ment
	Total	Percent of total popu- lation ²	Births and deaths	Migra- tion ⁴			Total	Percent of total popu- lation ²	Births and deaths	Migra- tion ⁴	
1930.....	30,529	24.9	461	—593	12,497	1969 DEFINITION—Con.					
1935.....	32,161	25.3	384	—58	12,733						
1940.....	30,547	23.2	386	—708	10,979	1968.....	10,454	5.3	60	—481	4,749
1945.....	24,420	17.5	377	—1,602	10,000	1969.....	10,307	5.1	51	—198	4,596
1950.....	23,048	15.3	403	—677	9,926	1970.....	9,712	4.8	47	—642	4,523
						1971.....	9,425	4.6	43	—330	4,436
1955.....	19,078	11.6	321	—1,115	8,381	1972.....	9,610	4.6	29	156	4,373
1956.....	18,712	11.2	261	—627	7,852	1973.....	9,472	4.5	26	—164	4,337
1957.....	17,656	10.4	239	—1,295	7,600						
1958.....	17,128	9.9	220	—748	7,503	1974.....	9,264	4.4	25	—233	4,389
1959.....	16,592	9.4	203	—740	7,342	1975.....	8,864	4.2	25	—425	4,342
						1976.....	8,253	3.8	24	—635	4,374
1969 DEFINITION						1977.....	7,806	3.6	27	—474	4,170
						1978.....	8,005	3.7	27	172	3,957
1960.....	15,835	8.7	184	—1,142	7,057	1979.....	7,553	3.4	(NA)	(NA)	3,774
1961.....	14,803	8.1	168	—1,000	6,919	1980.....	7,241	3.3	(NA)	(NA)	3,705
1962.....	14,313	7.7	156	—646	6,700						
1963.....	13,367	7.1	140	—1,086	6,518	1974 DEFINITION					
						1977.....	6,194	2.8	(NA)	(NA)	4,170
1964.....	12,954	6.8	121	—533	6,110	1978.....	6,501	3.0	(NA)	(NA)	3,957
1965.....	12,363	6.4	112	—703	5,610	1979.....	6,241	2.8	(NA)	(NA)	3,774
1966.....	11,595	5.9	90	—858	5,214	1980.....	6,051	2.7	(NA)	(NA)	3,705
1967.....	10,875	5.5	73	—793	4,903						

NA Not available. ¹As of April 1 except, beginning 1960, April-centered annual averages. ²Includes Armed Forces abroad. ³Change from preceding year shown. For 1930, change from 1925. ⁴Beginning 1940, includes inductions and enlistments into Armed Forces, and persons returning from Armed Forces. For all years, includes persons who did not move but who were in and out of the farm population because agricultural operations began or ceased, respectively, on the place where they were living. ⁵Covers hired workers, farm operators, and family members doing farm work without wages. See headnote and footnote 1, table 1209.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Farm Population, Estimates for 1910-70; Farm Population Estimates, annual; and Farm Labor, quarterly*.

NO. 1160. FARM POPULATION, BY CHARACTERISTICS: 1960 TO 1980

[1960, as of April; 1970 and 1980, April-centered annual averages. For definition of farm population, see text, p. 656]

CHARACTERISTIC	FARM POPULATION (1,000)						PERCENT DISTRIBUTION			
	1969 definition			1974 definition, 1980			1969 definition			1974 definition, 1980
	1960	1970	1980	Total	Male	Female	1960	1970	1980	
Total	15,669	9,712	7,241	6,051	3,159	2,892	100.0	100.0	100.0	100.0
White.....	13,092	8,775	6,828	5,714	2,988	2,725	83.6	90.4	94.3	94.4
Black and other races.....	2,577	938	413	337	172	165	16.4	9.7	5.7	5.6
Under 14 years of age.....	4,995	2,490	1,391	1,146	598	548	31.9	25.6	19.2	18.9
14 years of age and over.....	10,674	7,222	5,851	4,905	2,561	2,344	68.1	74.4	80.8	81.1
14-19 years.....	1,868	1,316	926	790	414	376	11.9	13.6	12.8	13.1
20-24 years.....	763	502	502	444	254	190	4.9	5.2	6.9	7.3
25-34 years.....	1,461	770	735	606	319	287	9.3	7.9	10.2	10.0
35-44 years.....	1,803	1,061	862	712	352	360	11.5	10.9	11.9	11.8
45-64 years.....	3,453	2,452	1,892	1,607	829	778	22.0	25.2	26.1	26.6
65 years and over.....	1,326	1,122	934	746	393	352	8.5	11.6	12.9	12.3
In labor force ¹	6,266	4,293	3,682	3,139	2,066	1,073	58.7	59.4	62.9	64.0
Employed, agriculture.....	4,025	2,333	1,722	1,642	1,307	334	37.7	32.3	29.4	33.5
Percent of total.....	64.2	54.3	46.8	52.3	63.3	31.1	(x)	(x)	(x)	(x)
Self-employed.....	2,405	1,411	1,089	1,034	930	105	22.7	19.5	18.5	21.1
Wage and salary workers.....	782	395	344	326	274	52	7.3	5.5	5.9	6.8
Unpaid family workers.....	838	526	295	282	104	178	7.9	7.3	5.0	5.7
Employed, nonagriculture.....	2,064	1,878	1,853	1,415	720	695	19.3	26.0	31.7	28.8
Self-employed.....	(NA)	159	210	161	103	58	(NA)	2.2	3.6	3.3
Wage and salary workers.....	(NA)	1,698	1,624	1,239	615	623	(NA)	23.5	27.8	25.3
Unpaid family workers.....	(NA)	21	19	16	2	14	(NA)	.3	.3	.3
Unemployed.....	177	82	106	82	38	44	1.7	1.1	1.8	1.7
Not in labor force ¹	4,408	2,929	2,169	1,766	496	1,271	41.3	40.6	37.1	36.0

NA Not available. X Not applicable. ¹ 14 years old and over.Source: U.S. Bureau of the Census, *Current Population Reports*, series P-27, Nos. 42 and 54.

NO. 1161. FARM POPULATION, BY CHARACTERISTICS OF FARM: 1975 AND 1980

[In thousands. As of June. Excludes Alaska and Hawaii. Based on 1974 census farm definition; see text, p. 655]

FARM CHARACTERISTIC	1975					1980				
	Total ¹	White	Black	North and West	South	Total ¹	White	Black	North and West	South
Total	7,217	6,888	271	4,689	2,528	7,045	6,775	236	4,483	2,562
Farm operator's household.....	6,537	6,357	147	4,353	2,184	6,588	6,392	164	4,225	2,363
Other dwelling units.....	580	531	124	337	343	457	383	71	258	199
Full owner.....	3,817	3,692	97	2,383	1,434	3,528	3,413	97	2,168	1,359
Part owner.....	2,582	2,454	109	1,786	797	2,822	2,695	113	1,837	985
Tenant or manager.....	818	743	64	521	297	696	667	26	478	218
Value of products sold: ²										
Less than \$2,500.....	1,272	1,213	54	582	690	1,024	960	61	442	582
\$2,500-\$9,999.....	1,757	1,666	77	965	792	1,644	1,551	73	846	798
\$10,000-\$19,999.....	1,017	992	21	706	312	865	835	26	504	351
\$20,000-\$39,999.....	1,053	1,031	15	840	213	901	880	19	655	246
\$40,000-\$99,999.....	1,341	1,284	48	1,044	297	1,316	1,285	19	1,032	284
\$100,000-\$199,999.....	777	703	57	553	225	725	711	12	584	141
\$200,000 and over.....						570	543	25	421	149
Type of farm: ³										
Cash grain.....	2,206	2,112	82	1,683	523	1,874	1,819	51	1,472	402
Tobacco.....	554	464	82	21	533	405	350	49	18	367
Cotton.....	158	119	34	34	123	82	75	16	15	77
Livestock.....	2,472	2,418	41	1,511	961	2,775	2,686	82	1,516	1,259
Dairy.....	1,013	1,009	(*)	894	118	922	918	(*)	805	117
Other.....	815	766	31	547	268	978	928	37	657	321

¹ Includes other races not shown separately. ² Based on gross income received from sale of crops, livestock, poultry, and other agricultural products. Includes all government payments received. ³ Classification based on product having largest percentage of total sales. (*) Included in other.

Source: U.S. Dept. of Agriculture, Economic Research Service, unpublished data.

NO. 1162. FARM POPULATION, BY REGIONS AND DIVISIONS: 1950 TO 1980

[As of April 1 except, beginning 1980, April-centered annual averages. For definition of farm population, see text, p. 656. For composition of regions, see fig. 1, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series K 17-81]

REGION AND DIVISION	FARM POPULATION (1,000)						PERCENT DISTRIBUTION					
	1950	1969 definition			1974 definition		1950	1969 definition			1974 definition	
		1960	1970	1977	1977	1980		1960	1970	1977	1977	1980
U.S.....	23,048	15,635	9,712	7,806	6,194	6,051	100.0	100.0	100.0	100.0	100.0	100.0
Northeast.....	1,791	1,119	699	561	418	443	7.8	7.2	7.2	7.2	6.7	7.3
New England.....	403	232	128	126	89	89	1.7	1.5	1.3	1.6	1.4	1.5
Middle Atlantic.....	1,388	887	571	434	329	354	6.0	5.7	5.9	5.6	5.3	5.9
North Central.....	7,433	5,836	4,305	3,598	2,946	2,730	32.3	37.3	44.3	46.1	47.6	45.1
East North Central.....	3,703	2,821	2,053	1,652	1,337	1,207	16.1	18.0	21.1	21.2	21.6	20.0
West North Central.....	3,729	3,015	2,252	1,946	1,610	1,522	16.2	19.3	23.2	24.9	26.0	25.2
South.....	11,896	7,160	3,754	2,684	2,118	2,162	51.6	45.8	38.7	34.4	34.2	35.7
South Atlantic.....	4,633	2,838	1,357	924	702	744	20.1	18.2	14.0	11.8	11.3	12.3
East South Central.....	4,048	2,494	1,329	1,007	762	717	17.6	16.0	13.7	12.9	12.3	11.9
West South Central.....	3,215	1,828	1,069	753	653	701	13.9	11.7	11.0	9.6	10.5	11.6
West.....	1,929	1,520	954	963	712	716	8.4	9.7	9.8	12.3	11.5	11.8
Mountain.....	859	678	446	410	325	310	3.7	4.3	4.6	5.3	5.2	5.1
Pacific.....	1,070	842	508	553	388	406	4.6	5.4	5.2	7.1	6.3	6.7

Source: U.S. Dept. of Agriculture, Economic Research Service, *Farm Population Estimates, 1910-70* (Statistical Bulletin No. 523) and *U.S. Farm Population, 1979*, August 1980, and 1980, June 1981.

NO. 1163. CHARACTERISTICS OF FARM AND NONFARM FAMILIES: 1970 TO 1980

[As of March, 1970 and 1975 based on 1969 census farm definition, 1980 based on 1974 definition; see text, p. 656. Based on Current Population Survey, see text, pp. 1 and 2 and Appendix III]

CHARACTERISTIC	1970			1975			1980		
	Total	Farm	Nonfarm	Total	Farm	Nonfarm	Total	Farm	Nonfarm
Total families (1,000).....	51,237	2,457	48,781	55,712	2,398	53,314	58,426	1,666	56,760
Persons per family.....	3.62	3.77	3.61	3.42	3.62	3.41	3.28	3.35	3.27
With own children under 18 (1,000).....	28,665	1,169	27,496	30,057	1,170	28,887	30,517	745	29,772
Mean number of own children.....	2.33	2.61	2.32	2.09	2.33	2.08	1.89	2.00	1.89
Percent with: 1 or 2 children.....	63.6	57.2	63.9	69.9	61.3	70.2	77.0	71.5	77.2
3 or 4 children.....	28.5	29.3	28.5	24.9	30.3	24.7	20.4	24.8	20.3
5 or more children.....	7.8	13.5	7.6	5.2	8.5	5.1	2.5	3.5	2.5
Percent distribution:									
Husband-wife.....	86.7	90.5	86.5	84.3	92.5	83.9	82.5	92.3	82.2
Male householder, no wife present.....	2.4	4.2	2.3	2.7	3.1	2.7	2.9	3.4	2.9
Female householder, no husband present.....	10.9	5.3	11.2	13.0	4.3	13.4	14.6	4.4	14.9
2-person families.....	34.5	37.0	34.3	37.4	35.4	37.5	39.2	42.7	39.1
3 to 5 person families.....	52.7	46.4	53.1	52.8	51.5	52.9	53.7	47.1	53.9
6-or-more person families.....	12.9	16.6	12.6	9.8	13.1	9.6	7.1	10.3	7.0

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 218 and 291, and series P-27, No. 54.

NO. 1164. MONEY INCOME OF FARM AND NONFARM FAMILIES, BY RACE: 1970 TO 1979

[Number of families as of March 1980. See headnote, tables 725 and 1163. For definition of median, see Guide to Tabular Presentation]

ITEM	All families, 1980 (1,000)	MEDIAN FAMILY INCOME ¹ (CONSTANT 1979 DOLLARS)			PERCENT FAMILIES WITH 1979 INCOME OF—				
		1970	1975	1979	Under \$5,000	\$5,000–\$9,999	\$10,000–\$14,999	\$15,000–\$19,999	\$20,000 or more
All families.....	58,426	18,436	18,494	19,661	6.9	13.5	15.6	15.0	49.0
Farm.....	1,666	12,668	14,626	16,357	10.6	16.5	18.7	14.3	38.8
Nonfarm.....	56,760	18,713	18,650	19,754	6.8	13.4	15.5	15.0	49.3
White.....	51,389	19,134	19,242	20,502	5.4	12.3	15.3	15.3	51.6
Farm.....	1,598	13,122	15,158	16,684	9.5	16.5	18.9	14.5	40.7
Nonfarm.....	49,790	19,427	19,408	20,609	5.3	12.2	15.2	15.3	52.0
Black.....	6,042	11,737	11,839	11,644	19.2	23.9	17.7	12.3	26.8
Farm.....	47	5,859	6,666	(b)	(b)	(b)	(b)	(b)	(b)
Nonfarm.....	5,995	11,953	11,964	11,689	19.0	23.9	17.8	12.4	26.9

¹ Base less than 75,000. ² 1970 not strictly comparable with later years due to revised procedures.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-27, No. 54.

No. 1165. FARMS—NUMBER AND ACREAGE: 1930 TO 1981

[Estimated. Prior to 1959 excludes Alaska and Hawaii. For definition of farms and farmland, see text, pp. 655 and 656. 1930-1954, farms and farmlands as defined in census year shown; beginning 1959 based on census year definition indicated. Data for census years (indicated by italics) have been adjusted for underenumeration and are used as reference points along with data from acreage and livestock surveys in estimating data for other years. Minus sign (-) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series K 4-7]

YEAR	FARMS		LAND IN FARMS		YEAR	FARMS		LAND IN FARMS	
	Number (1,000)	Annual change ¹ (1,000)	Total (mil. acres)	Average per farm (acres)		Number (1,000)	Annual change ¹ (1,000)	Total (mil. acres)	Average per farm (acres)
1930.....	6,546	15	987	151	1969 DEFINITION—Con.				
1935.....	6,814	54	1,055	155	1971.....	2,902	-47	1,097	378
1940.....	6,350	-93	1,061	167	1972.....	2,860	-42	1,092	382
1945.....	5,967	-77	1,142	191	1973.....	2,823	-37	1,088	385
1950.....	5,648	-64	1,202	213	1974.....	2,795	-28	1,084	398
1954.....	4,798	-213	1,206	251					
1969 DEFINITION					1975.....	2,767	-28	1,081	391
1959.....	4,105	-139	1,183	288	1976.....	2,738	-29	1,078	394
1960.....	3,963	-142	1,176	297	1977.....	2,706	-32	1,075	397
1961.....	3,825	-138	1,168	305	1978.....	2,672	-34	1,072	401
1962.....	3,692	-133	1,159	314	1974 DEFINITION				
1963.....	3,572	-120	1,152	322	1975.....	2,521	(x)	1,059	420
1964.....	3,457	-115	1,146	332	1976.....	2,497	-24	1,054	422
1965.....	3,358	-101	1,140	340	1977.....	2,456	-41	1,048	427
1966.....	3,257	-89	1,132	348	1978.....	2,436	-20	1,045	429
1967.....	3,162	-95	1,123	355	1979.....	2,430	-6	1,043	429
1968.....	3,071	-91	1,115	363	1980.....	2,428	-2	1,042	429
1969.....	3,000	-71	1,108	369	1981, prel	2,419	-9	1,041	430
1970.....	2,949	-51	1,102	374					

X Not applicable. ¹ Average annual change from preceding year shown. For 1930, change from 1925.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Number of Farms, 1910-1959*; *Land in Farms 1950-1959*, by States (Statistical Bulletin No. 316); *Number of Farms and Land in Farms, 1959-70* (Statistical Bulletin No. 507); *Farms and Land in Farms, 1969-75* (Statistical Bulletin No. 594); and *Farm Numbers*, annual supplements.

No. 1166. FARMS—NUMBER AND ACREAGE, BY STATES: 1975 AND 1981

[1981 data preliminary. Based on 1974 census definition of farms and farmland; see text, p. 655. See also *Historical Statistics, Colonial Times to 1970*, series K 4-7]

STATE	FARMS (1,000)		ACREAGE (mil.)		ACREAGE PER FARM		STATE	FARMS (1,000)		ACREAGE (mil.)		ACREAGE PER FARM	
	1975	1981	1975	1981	1975	1981		1975	1981	1975	1981	1975	1981
U.S.....	2,521	2,419	1,059	1,041	420	430	Mo.....	127	119	32	32	255	265
Ala.....	63	58	13	13	213	217	Mont.....	23	24	62	62	2,658	2,598
Alaska.....	(2)	(2)	2	2	5,567	4,000	Nebr.....	67	64	48	48	715	744
Ariz.....	6	7	40	39	6,349	5,465	Nev.....	2	3	9	9	4,086	3,100
Ark.....	60	59	17	16	283	280	N.H.....	3	4	1	1	198	151
Calif.....	73	80	34	34	470	423	N.J.....	9	9	1	1	120	110
Colo.....	28	27	38	37	1,359	1,377	N. Mex.....	12	14	47	47	3,917	3,434
Conn.....	4	4	(2)	(2)	123	120	N.Y.....	49	48	11	9	216	192
Del.....	4	4	1	1	186	186	N.C.....	105	93	12	12	117	126
Fla.....	36	39	14	13	389	341	N. Dak.....	42	40	42	42	1,007	1,043
Ga.....	60	59	15	16	250	263	Ohio.....	101	94	17	16	165	173
Hawaii.....	4	4	2	2	551	457	Okl.....	75	72	36	35	473	481
Idaho.....	24	24	15	15	639	636	Oreg.....	30	35	19	18	620	517
Ill.....	113	105	28	29	258	274	Pa.....	66	62	10	9	145	145
Ind.....	94	87	17	17	182	193	R.I.....	1	1	(2)	(2)	121	87
Iowa.....	130	118	34	34	262	286	S.C.....	37	34	7	6	184	188
Kans.....	79	74	49	48	616	653	S. Dak.....	43	38	45	45	1,056	1,184
Ky.....	107	101	15	14	138	144	Tenn.....	106	96	14	14	132	142
La.....	38	37	10	10	274	273	Tex.....	189	186	140	139	741	746
Maine.....	7	8	2	2	233	195	Utah.....	13	13	13	13	1,000	969
Md.....	17	18	3	3	179	180	Vt.....	6	8	2	2	281	220
Mass.....	6	6	1	1	121	117	Va.....	62	58	10	10	163	169
Mich.....	70	65	12	11	164	175	Wash.....	34	39	16	16	474	413
Minn.....	104	105	30	30	290	286	W. Va.....	22	20	4	4	195	210
Miss.....	64	55	16	15	242	265	Wis.....	100	93	19	19	193	200
							Wyo.....	8	9	35	35	4,333	3,804

Z Less than 500 farms or 500,000 acres.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Farm Numbers*, annual.

NO. 1167. FARMS—NUMBER, 1950 TO 1978, AND ACREAGE, 1974 AND 1978, BY SIZE OF FARM

[See *Historical Statistics, Colonial Times to 1970*, series K 162-173]

SIZE OF FARM	NUMBER OF FARMS (1,000)					LAND IN FARMS (mil. acres)		CROPLAND HARVESTED (mil. acres)		PERCENT DISTRIBUTION, 1978		
	1950	1959	1969	1974	1978	1974	1978	1974	1978	Num- ber of farms	All land in farms	Crop- land har- vested
Total	5,388	3,711	2,730	2,314	2,479	1,017.0	1,029.7	303.0	320.7	100.0	100.0	100.0
Under 10 acres	489	244	162	128	215	.5	.8	.2	.3	8.7	.1	.1
10-49 acres	1,480	813	473	380	475	10.8	13.0	4.3	5.1	19.2	1.3	1.6
50-99 acres	1,048	658	460	385	387	28.1	28.1	10.5	10.7	15.6	2.7	3.3
100-179 acres	1,103	773	542	443	428	60.5	58.1	25.1	24.0	17.3	5.6	7.5
180-259 acres	487	414	307	253	242	54.8	52.3	25.1	24.2	9.8	5.1	7.5
260-499 acres	478	472	419	363	354	129.8	127.0	65.9	65.1	14.3	12.3	20.3
500-999 acres	182	200	216	207	215	142.3	147.9	70.1	75.5	8.7	14.4	23.5
1,000-1,999 acres	121	79	91	93	99	125.7	134.0	51.7	58.4	4.0	13.0	18.2
2,000 acres and over		57	60	62	64	464.7	468.5	50.1	57.4	2.6	45.5	17.9

Source: U.S. Bureau of the Census, *Census of Agriculture: 1969*, vol. II; and 1974 and 1978, vol. I.

NO. 1168. FARMS—NUMBER, ACREAGE, AND VALUE, BY TYPE OF ORGANIZATION: 1969 TO 1978

ITEM	Unit	Total	Individual or family	Part- nership	Corpo- ration	Other	PERCENT DISTRIBUTION				
							Total	Indi- vidual or family	Part- nership	Corpo- ration	Other
ALL FARMS, 1978¹											
Number of farms	1,000	2,476	2,175	241	51	8	100.0	87.8	9.7	2.1	.3
Land in farms	Mil. acres	974	687	159	120	8	100.0	70.5	16.3	12.3	.8
Value of land and buildings	Mil. dol	641,698	480,508	100,115	57,379	3,696	100.0	74.9	15.6	8.9	.6
Value of farm products sold: ²	Mil. dol	107,869	66,451	17,388	23,353	677	100.0	61.6	16.1	21.6	.6
FARMS WITH SALES OF \$2,500 AND OVER											
Number of farms:											
1969	1,000	1,734	1,481	222	22	10	100.0	85.4	12.8	1.3	.6
1974	1,000	1,695	1,518	145	29	4	100.0	89.5	8.6	1.7	.2
1978	1,000	1,865	1,599	210	50	6	100.0	85.7	11.2	2.7	.3
Land in farms:											
1969	Mil. acres	918	665	163	81	8	100.0	72.4	17.8	8.8	.9
1974	Mil. acres	906	678	124	97	6	100.0	74.9	13.7	10.7	.7
1978	Mil. acres	927	644	156	120	7	100.0	69.5	16.8	12.9	.8
Value of farm products sold: ²											
1969	Mil. dol	44,476	30,179	7,748	6,295	254	100.0	67.8	17.4	14.1	.6
1974	Mil. dol	80,593	54,511	11,232	14,426	424	100.0	67.6	13.9	17.9	.5

¹ Excludes abnormal farms (see footnote 1, table 1172). ² 1978 total value of farm products sold, \$107,164,000,000.Source: U.S. Bureau of the Census, *Census of Agriculture: 1974 and 1978*, vol. I.

NO. 1169. CHARACTERISTICS OF CORPORATE FARMS, BY TYPE: 1978

ITEM	Unit	All corpo- rations	FAMILY HELD CORPORATIONS			OTHER CORPORATIONS		
			Total	1-10 stock- holders	11 or more stock- holders	Total	1-10 stock- holders	11 or more stock- holders
Farms	Number	51,270	45,418	44,143	1,275	5,852	4,707	1,145
	Percent	100.0	88.6	86.1	2.5	11.4	9.2	2.2
Land in farms	Mil. acres	120.2	104.0	93.0	11.0	16.1	10.6	5.5
Average per farm	Acres	2,345	2,292	2,107	8,681	2,755	2,248	4,837
Value of—								
Land and buildings ¹	Bil. dol	57.4	47.9	44.6	3.3	9.5	5.6	3.9
Average per farm ¹	\$1,000	1,100	1,038	993	2,695	1,571	1,139	3,445
Farm products sold	Bil. dol	23.4	16.3	15.0	1.3	7.0	3.9	3.2
Average per farm	\$1,000	456	359	340	1,038	1,203	819	2,784

¹ Based on a sample of farms.Source: U.S. Bureau of the Census, *Census of Agriculture: 1978*, vol. I.

NO. 1170. FARMS—NUMBER, ACREAGE, AND VALUE, BY TENURE OF OPERATOR: 1950 TO 1978

[Number of farms in thousands; land in farms in millions of acres; except as indicated. Minority race figures for number of farms for 1959; and figures for average value of land and buildings per farm, 1950 through 1964 and 1978, based on sample. Full owners own all the land they operate. Part owners own a part, and rent from others the rest of the land they operate. See also *Historical Statistics, Colonial Times to 1970*, series K 109-153]

ITEM AND YEAR	All farms	Full owner	Part owner	Manager	Tenant	PERCENT OF ALL FARMS		
						Full owner	Part owner	Tenant
Number of farms:								
United States: 1950	5,388	3,092	826	24	1,447	57.4	15.3	26.9
1959	3,711	2,119	811	21	760	57.1	21.9	20.5
1964	3,158	1,818	782	18	540	57.6	24.8	17.1
1969	2,730	1,706	672	(1)	353	62.5	24.6	12.9
1974	2,314	1,424	628	(1)	262	61.5	27.2	11.3
1978	2,479	1,451	714	(1)	314	58.6	28.8	12.7
South, all races: 1950	2,652	1,411	326	10	905	53.2	12.3	34.1
1959	1,646	942	314	9	381	57.2	19.1	23.1
1964	1,373	809	304	7	254	58.9	22.1	18.5
1969	1,161	780	245	(1)	136	67.2	21.1	11.7
1974	930	623	214	(1)	93	67.0	23.0	10.0
1978	1,015	633	264	(1)	119	62.3	26.0	11.7
South, minority races: 1950	559	141	52	(2)	366	25.2	9.3	65.5
1959	266	90	38	(2)	138	33.8	14.3	51.9
1964	185	71	31	(2)	82	38.4	16.8	44.3
1969	90	56	16	(1)	18	62.2	17.8	20.0
1974	47	32	10	(1)	6	66.9	20.6	12.5
1978	61	36	15	(1)	10	59.4	24.3	16.2
Land in farms, U.S.: 1950	1,161	419	423	107	212	36.1	36.4	18.3
1959	1,124	349	498	110	167	31.0	44.3	14.9
1964	1,110	319	533	113	145	28.7	48.0	13.1
1969	1,063	375	550	(1)	138	35.2	51.8	13.0
1974	1,017	359	535	(1)	122	35.4	52.6	12.0
1978	1,030	341	565	(1)	124	33.1	54.9	12.0
Average value of land and buildings per farm,								
United States: 1950	\$14,005	\$10,719	\$25,137	\$153,043	\$12,926	(x)	(x)	(x)
1959 ²	34,763	22,478	56,660	244,714	36,159	(x)	(x)	(x)
1964	50,646	30,297	83,251	(1)	52,998	(x)	(x)	(x)
1969	75,725	47,578	137,606	(1)	94,007	(x)	(x)	(x)
1974	147,838	90,736	263,539	(1)	180,776	(x)	(x)	(x)
1978 ²	259,133	195,107	370,458	(1)	299,113	(x)	(x)	(x)

X Not applicable. Z Less than 500. ¹ Data included under other tenure categories. ² Excludes Hawaii. ³ Excludes abnormal farms; see footnote 1, table 1172.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1959, 1964, 1969, and 1974*, vol. II; and 1978, vol. I.

NO. 1171. FARM OPERATORS—TENURE AND CHARACTERISTICS: 1974 AND 1978

[In thousands, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series K 82-113]

TENURE AND CHARACTERISTIC	ALL FARMS		FARMS WITH SALES OF \$2,500 AND OVER		CHARACTERISTIC	ALL FARMS		FARMS WITH SALES OF \$2,500 AND OVER	
	1974 ¹	1978	1974 ¹	1978		1974 ¹	1978	1974 ¹	1978
Total operators	2,314	2,479	1,695	1,865	Principal occupation:				
White	2,220	2,399	1,632	1,825	Farming	1,427	1,327	1,236	1,190
Black and other	99	80	61	40	Other	852	1,152	427	675
Under 25 years old	52	79	41	63	Place of residence: ²				
25-34 years old	240	323	176	247	On farm operated	1,502	1,785	1,125	1,338
35-44 years old	400	485	291	354	On another farm	94		69	
45-54 years old	577	596	433	456	In rural area, not on a farm	67	442	45	340
55-64 years old	589	588	442	458	In urban area	210		146	
65 years old and over	421	408	280	286	Days worked off farm: ²				
Average age (years)	51.7	50.1	51.4	49.8	None	830	1,001	691	854
Full owner	1,424	1,451	904	962	Less than 100 days	197	264	147	222
Part owner	628	714	568	640	100-199 days	157	196	102	143
Tenant	262	314	225	263	200 days or more	658	905	347	547

¹ Except for tenure, data apply only to individual or family operations and partnerships. ² Excludes not reported.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1974 and 1978*, vol. I.

NO. 1172. FARMS—NUMBER, ACREAGE, AND VALUE OF SALES, BY SIZE OF SALES: 1969 to 1978

ECONOMIC CLASS OF FARM (value of farm products sold)	Farms (1,000)	ACREAGE		VALUE OF SALES		PERCENT DISTRIBUTION		
		Total (mil.)	Average per farm	Total (mil. dol.)	Average per farm (\$1,000)	Farms	Acres, total	Value of sales, total
1969: Farms with sales of—								
\$2,500 or more.....	1,734	918	530	44,476	25.6	100.0	100.0	100.0
\$2,500–\$4,999.....	395	76	182	1,346	3.4	22.8	8.3	3.0
\$5,000–\$9,999.....	390	107	274	2,814	7.2	22.5	11.6	6.3
\$10,000–\$19,999.....	395	171	433	5,693	14.4	22.8	18.6	12.8
\$20,000–\$39,999.....	331	207	626	9,267	28.0	19.1	22.6	20.8
\$40,000–\$99,999.....	170	185	1,092	10,073	59.3	9.8	20.2	22.6
\$100,000 and over.....	52	172	3,304	15,282	293.8	3.0	18.7	34.5
Less than \$2,500.....	984	90	90	935	9	100.0	100.0	100.0
\$50–\$2,499.....	183	19	86	188	1.0	19.4	20.8	20.1
Part-time.....	575	49	86	532	9	57.8	54.9	56.9
Part-retirement.....	227	22	97	215	9	22.8	24.5	23.0
Abnormal farms ¹	2	55	26,174	153	72.3	100.0	100.0	100.0
1974: Farms with sales of—								
\$2,500 or more.....	1,695	906	534	80,593	47.5	100.0	100.0	100.0
\$2,500–\$4,999.....	290	53	184	982	3.4	17.1	5.9	1.2
\$5,000–\$9,999.....	296	66	222	2,138	7.2	17.5	7.2	2.7
\$10,000–\$19,999.....	310	102	330	4,460	14.4	18.3	11.3	5.5
\$20,000–\$39,999.....	322	161	499	9,247	28.7	19.0	17.8	11.5
\$40,000–\$99,999.....	324	247	761	20,072	62.0	19.1	27.2	24.9
\$100,000 and over.....	153	277	1,814	43,694	285.6	9.0	30.6	54.2
Less than \$2,500.....	617	56	91	697	1.1	100.0	100.0	100.0
Occupation—Farming ²	192	20	104	232	1.2	31.0	35.3	33.3
Occupation—Other than farming ²	425	36	86	465	1.1	69.0	64.7	66.6
Abnormal farms ¹	2	55	24,605	236	118.0	100.0	100.0	100.0
1978: Farms with sales of—								
\$2,500 or more.....	1,865	927	497	107,164	57.5	100.0	100.0	100.0
\$2,500–\$4,999.....	332	37	112	1,191	3.6	17.8	4.0	1.1
\$5,000–\$9,999.....	331	56	168	2,361	7.1	17.7	6.0	2.2
\$10,000–\$19,999.....	310	84	272	4,425	14.3	16.6	9.1	4.1
\$20,000–\$39,999.....	306	133	435	8,788	28.7	16.4	14.3	8.2
\$40,000–\$99,999.....	263	245	675	23,059	83.5	19.5	26.4	21.5
\$100,000 and over.....	223	372	1,669	67,339	302.0	12.0	40.1	62.8
Less than \$2,500.....	612	47	77	705	1.2	100.0	100.0	100.0
Occupation—Farming ²	135	(NA)	(NA)	(NA)	(NA)	22.1	(NA)	(NA)
Occupation—Other than farming ²	478	(NA)	(NA)	(NA)	(NA)	77.8	(NA)	(NA)
Abnormal farms ¹	2	56	24,309	245	106.4	100.0	100.0	100.0

NA Not available. ¹ Represents institutional farms, experimental and research farms, Indian reservations, etc. ² Occupation determined by 50 percent or more of work time on farm or other occupation.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1969*, vol. II; *1974 and 1978*, vol. I.

NO. 1173. FARMS—NUMBER, ACREAGE, AND VALUE OF SALES, BY TYPE OF FARM: 1974 AND 1978

[Covers farms with sales of \$2,500 or more. Farm was classified in a particular group if its sales for that product group amounted to 50 percent or more of the total value of farm products sold. The Standard industrial Classification (SIC) code for each farm type is shown in parentheses]

ITEM AND YEAR	Unit	Total	Cash grain ¹ (011)	Cot- ton (013)	To- bacco (0132)	Live- stock ² (021)	Dairy (024)	Poul- try, eggs (025)	Fruit and nut (017)	Vege- table (016)	All other
1974											
Number of farms.....	1,000.....	1,695	580	31	95	494	196	43	51	20	185
Land in farms.....	Mil. acres.....	905.6	281.1	17.8	12.3	442.4	54.1	5.5	7.6	4.7	80.1
Products sold, value.....	Mil. dol.....	80,593	23,673	1,850	1,652	22,125	9,592	6,352	2,858	2,144	10,347
Percent distribution:											
Number of farms.....	Percent.....	100.0	34.2	1.8	5.6	29.1	11.6	2.5	3.0	1.2	10.9
Land in farms.....	Percent.....	100.0	31.0	2.0	1.4	48.9	6.0	.6	.8	.5	8.8
Products sold, value.....	Percent.....	100.0	29.4	2.3	2.0	27.4	11.9	7.9	3.5	2.7	12.8
1978											
Number of farms.....	1,000.....	1,865	526	30	108	705	167	42	58	26	204
With sales between \$2,500 and \$9,999.....	Percent.....	68.6	65.1	49.8	86.6	78.0	38.1	17.5	67.9	71.1	73.3
With sales of \$40,000 or more.....	Percent.....	31.4	34.9	50.2	13.4	22.0	61.9	82.5	32.1	28.9	26.7
Land in farms.....	Mil. acres.....	926.9	256.6	23.0	12.7	500.2	49.4	5.3	8.1	5.4	66.2
Products sold, value.....	Mil. dol.....	107,164	24,481	3,030	2,324	36,793	12,548	8,814	4,528	3,116	11,531
On farms with sales between \$2,500 and \$39,999.....	Percent.....	15.8	21.6	8.6	43.9	16.5	11.7	1.4	11.5	6.7	15.5
On farms with sales of \$40,000 or more.....	Percent.....	84.4	78.4	91.4	56.1	83.5	88.3	98.6	88.5	93.3	84.5
Percent distribution:											
Number of farms.....	Percent.....	100.0	28.2	1.6	5.8	37.8	9.0	2.3	3.1	1.4	10.9
Land in farms.....	Percent.....	100.0	27.7	2.5	1.4	54.0	5.3	.6	.9	.6	7.1
Products sold, value.....	Percent.....	100.0	22.8	2.8	2.2	34.3	11.7	8.2	4.2	2.9	10.8

¹ Includes wheat, rice, corn for grain, soybeans, and other cash grains not elsewhere classified. ² Excludes dairy, poultry, and animal specialty farms.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1974 and 1978*, vol. I, and unpublished data.

NO. 1174. FARMS—NUMBER, ACREAGE, AND VALUE, BY STATES: 1969 TO 1978

[For composition of regions, see fig. 1, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series K 17-18]

REGION AND STATE	NUMBER OF FARMS (1,000)			ALL LAND IN FARMS (mil. acres)			AVERAGE ACREAGE PER FARM			TOTAL VALUE ¹ (mil. dol.)		
	1969	1974	1978	1969	1974	1978	1969	1974	1978	1969	1974	1978
U.S.	2,730	2,314	2,479	1,062.9	1,017.0	1,029.7	389	440	415	206,751	342,099	650,025
No. East.....	152	128	149	25.7	23.4	24.9	169	183	167	9,025	15,480	25,607
No. Central.....	1,152	1,017	1,028	373.3	362.9	366.1	324	357	355	86,392	150,978	309,210
South.....	1,161	930	1,015	332.8	305.7	312.6	287	329	308	69,664	110,362	194,616
West.....	265	239	286	331.1	325.1	326.1	1,249	1,360	1,138	41,668	65,299	120,592
N.E.	29	23	30	5.6	4.8	5.2	195	206	172	1,803	2,915	4,847
Maine.....	8	6	8	1.8	1.5	1.6	221	237	197	283	519	883
N.H.....	3	2	3	.6	.5	.5	211	210	164	146	286	496
Vt.....	7	6	7	1.9	1.7	1.8	279	282	241	429	770	1,177
Mass.....	6	4	6	.7	.6	.7	123	134	115	396	578	995
R.I.....	1	1	1	.1	.1	.1	98	102	86	50	92	182
Conn.....	4	3	5	.5	.4	.5	121	129	110	499	671	1,114
M.A.	123	104	119	20.1	18.6	19.7	163	178	165	7,222	12,545	20,760
N.Y.....	52	44	49	10.1	9.4	9.9	196	215	201	2,772	4,800	6,701
N.J.....	8	7	10	1.0	1.0	1.0	122	130	106	1,131	1,737	2,828
Pa.....	63	53	60	8.9	8.2	8.7	142	154	146	3,319	6,008	11,232
E.N.C.	513	445	452	94.5	90.0	92.4	184	202	204	36,683	61,406	133,193
Ohio.....	111	92	96	17.1	15.7	16.1	154	170	168	6,819	11,056	23,922
Ind.....	101	88	88	17.6	16.8	17.0	173	191	193	7,136	12,078	27,163
Ill.....	124	111	110	29.9	29.1	29.7	242	262	270	14,643	24,628	55,529
Mich.....	78	64	68	11.9	10.8	11.4	153	169	168	3,883	5,989	11,144
Wis.....	99	89	90	18.1	17.6	18.1	183	197	201	4,201	7,656	15,435
W.N.C.	639	573	575	278.7	272.9	273.7	436	477	476	49,711	89,572	176,017
Minn.....	111	99	103	28.8	27.6	28.7	280	280	279	6,512	11,855	26,063
Iowa.....	140	126	126	33.6	33.0	33.6	239	262	266	13,150	23,754	52,395
Mo.....	137	116	122	32.4	29.8	30.8	237	258	253	7,269	11,811	22,605
N. Dak.....	46	43	41	43.1	42.4	42.0	930	992	1,021	4,045	8,268	14,689
S. Dak.....	46	43	40	45.6	46.0	44.5	997	1,074	1,123	3,815	6,656	11,529
Nebr.....	72	68	66	45.8	46.2	46.3	634	683	702	7,076	13,017	24,572
Kans.....	86	79	77	49.4	47.9	47.7	574	605	619	7,843	14,211	24,184
S.A.	371	296	326	68.0	60.9	61.9	184	206	190	20,513	34,987	60,785
Del.....	4	3	4	.7	.6	.7	182	185	187	336	612	982
Md.....	17	15	19	2.8	2.6	2.7	163	174	145	1,793	2,791	5,041
Va.....	65	53	57	10.7	9.7	10.0	185	184	175	3,047	5,396	9,322
W. Va.....	23	17	21	4.3	3.5	3.9	188	207	188	589	1,050	2,317
N.C.....	119	91	89	12.7	11.2	11.4	107	123	127	4,244	6,634	12,073
S.C.....	40	29	33	7.0	6.2	6.3	177	211	189	1,826	2,887	4,888
Ga.....	67	55	59	15.8	13.9	13.7	234	253	234	3,701	6,576	10,666
Fla.....	36	32	44	14.0	13.2	13.3	394	407	302	4,976	9,041	15,486
E.S.C.	392	306	319	60.7	53.7	53.6	155	175	168	14,540	22,006	41,194
Ky.....	125	102	110	16.0	14.4	15.0	128	141	137	4,041	6,158	13,078
Tenn.....	121	94	97	15.1	13.1	13.2	124	140	136	4,028	6,117	11,342
Ala.....	72	57	58	13.7	11.9	11.5	188	209	201	2,725	4,310	7,376
Miss.....	73	54	54	16.0	14.3	13.9	221	267	256	3,746	5,421	9,399
W.S.C.	399	328	371	204.1	191.0	197.1	511	582	531	34,611	53,369	92,637
Ark.....	60	51	59	15.7	14.6	15.6	260	287	285	4,081	6,135	11,931
La.....	42	33	39	9.8	9.1	9.6	232	275	247	3,145	4,679	9,604
Okla.....	83	70	79	36.0	33.1	34.3	434	475	433	6,214	9,992	17,674
Tex.....	214	174	194	142.6	134.2	137.5	668	771	708	21,170	32,563	53,428
Mt.	120	112	128	256.5	253.0	254.3	2,139	2,262	1,991	17,444	32,028	58,110
Mont.....	25	23	24	62.9	62.2	62.3	2,522	2,665	2,545	3,748	6,952	12,264
Idaho.....	25	24	26	14.4	14.3	14.6	566	603	562	2,545	4,833	8,712
Wyo.....	9	8	8	35.5	34.3	33.7	4,014	4,274	3,969	1,445	2,751	4,880
N. Mex.....	26	26	30	36.7	35.9	35.5	1,313	1,408	1,197	3,471	6,734	11,496
Calif.....	12	11	14	46.8	47.0	48.3	4,020	4,170	3,369	1,860	3,849	6,899
Ariz.....	6	6	8	38.2	37.9	38.7	6,486	6,599	5,034	2,664	4,197	7,682
Utah.....	13	12	14	11.3	10.6	10.5	867	871	760	1,040	1,988	4,202
Nev.....	2	2	3	10.7	10.6	10.5	5,070	5,209	3,641	571	915	2,005
Pac.	145	127	159	74.6	72.0	71.8	514	567	452	24,224	33,271	62,482
Wash.....	34	29	38	17.6	16.7	17.0	516	567	451	3,930	5,828	11,858
Oreg.....	29	27	35	18.0	18.2	18.4	620	682	532	2,707	4,552	9,255
Calif.....	78	68	82	35.3	33.4	33.1	454	493	405	16,956	21,793	39,446
Alaska.....	(2)	(2)	(2)	1.6	1.6	1.3	4,832	5,612	3,859	20	69	140
Hawaii.....	4	3	4	2.1	2.1	2.0	528	702	461	611	1,029	1,784

Z Less than 500. ¹ Value of land and buildings. For 1978, based on reports for a sample of farms.Source: U.S. Bureau of the Census, *Census of Agriculture: 1974 and 1978*, vol. I.

**NO. 1175. SALES OF FARM PRODUCTS—NUMBER OF FARMS SELLING SPECIFIED PRODUCTS AND
VALUE OF SALES, BY STATES: 1978**

[Covers farms with total sales of \$2,500 or more]

DIVISION AND STATE	NUMBER OF FARMS WHICH SOLD—					VALUE OF SALES (mil. dol.)					
	Grains	Cattle, calves	Dairy products	Poultry, poultry products	Hogs and pigs	All farm prod- ucts ¹	Grains	Cattle, calves	Dairy products	Poultry, poultry products	Hogs and pigs
U.S.	969,983	1,125,526	216,158	106,810	391,744	107,164	26,816	29,481	11,264	8,564	8,082
N.E.	895	10,069	6,816	2,016	1,265	1,218	5	75	454	314	8
Maine.....	702	2,059	1,248	757	247	395	4	14	69	203	(2)
N.H.....	15	1,006	595	224	190	87	(2)	8	37	18	1
Vt.....	57	4,097	3,300	262	228	271	(2)	28	219	6	(2)
Mass.....	64	1,487	872	323	381	211	(2)	12	61	19	6
R.I.....	6	186	96	36	43	26	(2)	1	5	3	(2)
Conn.....	51	1,234	705	414	176	227	(2)	12	63	65	1
M.A.	31,187	55,463	32,646	7,823	12,478	4,386	301	482	1,821	455	133
N.Y.....	7,492	23,086	16,257	1,976	2,721	1,869	95	177	1,010	103	14
N.J.....	2,412	1,633	648	581	615	353	48	14	52	18	9
Pa.....	21,283	30,744	15,741	5,266	9,142	2,163	158	291	760	334	109
E.N.C.	257,709	188,908	73,519	18,061	88,655	17,476	7,651	2,353	3,104	655	2,104
Ohio.....	54,675	34,387	9,969	4,183	16,236	2,842	1,309	375	392	147	293
Ind.....	56,981	32,935	5,527	3,255	21,944	3,354	1,788	395	188	235	594
Ill.....	83,352	42,007	4,948	3,361	28,383	5,914	3,705	806	218	79	877
Mich.....	31,637	19,868	8,274	2,270	7,157	1,917	513	258	435	78	124
Wis.....	31,064	59,711	44,801	4,992	14,935	3,449	336	520	1,871	116	215
W.N.C.	371,535	332,318	56,207	28,369	168,359	29,877	10,523	11,238	1,722	717	4,349
Minn.....	64,638	50,079	24,456	6,224	25,266	4,522	1,786	764	767	303	577
Iowa.....	95,233	69,745	10,576	6,870	59,951	8,193	3,039	2,483	313	144	2,066
Mo.....	47,216	75,107	6,675	3,976	31,681	3,329	1,163	944	228	177	561
N. Dak.....	35,140	20,568	3,319	1,732	3,808	1,788	1,117	351	75	9	44
S. Dak.....	27,436	28,093	4,524	3,276	12,726	1,898	488	874	121	26	259
Nebr.....	47,831	42,724	3,499	3,864	21,656	5,152	1,599	2,733	101	31	544
Kans.....	54,041	46,002	3,158	2,427	13,271	4,996	1,331	3,090	117	26	298
S.A.	91,907	97,622	10,173	19,464	45,220	11,831	1,393	1,058	963	2,694	710
Del.....	2,267	533	218	1,174	564	325	71	8	12	194	9
Md.....	7,351	5,431	1,928	2,524	2,214	799	164	52	148	280	26
Va.....	11,725	23,534	2,921	2,277	6,623	1,278	163	232	194	214	80
W. Va.....	1,110	8,225	809	750	1,209	186	6	63	34	35	5
N.C.....	35,538	18,801	1,922	5,043	13,797	2,996	405	106	155	759	282
S.C.....	12,086	7,218	487	848	4,898	852	227	60	52	134	59
Ga.....	17,600	21,553	1,304	5,548	12,013	2,368	285	231	142	854	214
Fla.....	4,230	12,327	584	1,300	3,902	3,026	72	307	226	223	37
E.S.C.	69,386	139,722	14,911	10,775	41,304	6,406	1,461	1,140	538	1,163	386
Ky.....	24,703	53,672	7,594	1,561	15,591	1,813	378	404	202	25	143
Tenn.....	19,054	43,380	4,824	2,021	15,046	1,376	346	302	186	101	127
Ala.....	12,873	22,321	978	4,707	7,334	1,547	221	236	66	653	83
Miss.....	12,756	20,349	1,515	2,486	3,333	1,670	516	198	84	385	33
W.S.C.	81,917	195,325	8,894	13,089	19,681	14,265	3,010	6,333	631	1,562	204
Ark.....	13,552	26,349	1,648	6,141	4,280	2,490	955	244	67	924	50
La.....	10,314	12,372	1,359	819	1,353	1,209	588	122	109	122	7
Okla.....	24,172	50,764	2,060	1,856	5,259	2,339	394	1,467	99	97	40
Tex.....	33,879	105,850	3,827	4,273	8,789	8,227	1,093	4,490	356	418	106
Mt.	44,478	65,284	6,396	3,259	9,418	8,648	1,265	4,575	507	153	134
Mont.....	12,299	14,791	676	721	2,158	1,177	410	594	27	8	27
Idaho.....	12,576	13,566	2,719	560	1,809	1,634	362	612	144	11	11
Wyo.....	2,427	5,557	268	250	499	531	41	376	11	(2)	4
Colo.....	11,025	14,305	1,022	923	3,015	2,587	329	1,718	82	58	56
N. Mex.....	1,919	6,595	204	236	633	781	48	502	46	14	11
Ariz.....	775	2,615	205	212	335	1,285	39	496	92	7	19
Utah.....	3,201	6,493	1,226	296	811	457	28	164	89	54	5
Nev.....	256	1,362	76	61	158	198	7	113	16	(2)	1
Pac.	20,969	40,815	6,596	3,954	5,364	13,056	(D)	2,237	1,522	853	55
Wash.....	7,486	11,938	2,036	948	1,431	2,080	454	414	259	73	10
Oreg.....	5,692	12,516	1,525	918	1,552	1,267	171	351	108	58	14
Calif.....	7,753	15,898	2,984	1,985	2,145	9,284	581	1,432	1,128	703	23
Alaska.....	30	65	25	34	23	8	(D)	(Z)	2	(Z)	(2)
Hawaii.....	8	400	26	69	213	417	(D)	39	23	17	7

D Withheld to avoid disclosure. Z Less than \$500,000. ¹ Includes other farm products not shown separately.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1978*, vol. 1.

NO. 1176. FARMS—NUMBER, BY VALUE OF PRODUCTS SOLD, BY STATES: 1978

STATE	With sales less than \$2,500	WITH SALES OF—				STATE	With sales less than \$2,500	WITH SALES OF—			
		\$2,500—\$9,999	\$10,000—\$39,999	\$40,000—\$99,999	\$100,000 or more			\$2,500—\$9,999	\$10,000—\$39,999	\$40,000—\$99,999	\$100,000 or more
U.S.	612,340	663,199	616,135	363,713	223,255	S.A.—Con.					
N.E.	11,267	6,527	4,960	4,364	2,918	W. Va.	10,955	6,818	1,897	506	356
Maine	3,205	1,650	1,340	1,051	912	N.C.	24,518	25,517	21,612	10,716	7,006
N.H.	1,507	855	408	318	202	S.C.	14,478	9,115	5,442	2,347	2,048
Vt.	2,426	1,200	1,202	1,675	770	Ga.	19,789	15,198	10,510	6,524	6,647
Mass.	2,013	1,565	1,126	698	489	Fla.	15,949	11,824	8,432	3,638	4,225
R.I.	344	226	159	85	52	E.S.C.	106,885	115,310	63,118	19,675	13,713
Conn.	1,772	1,031	727	537	493	Ky.	26,631	43,825	29,647	7,237	2,640
M.A.	33,248	29,845	24,861	21,417	9,739	Tenn.	33,496	39,171	17,174	4,609	2,586
N.Y.	14,293	10,751	9,721	10,033	4,475	Ala.	22,892	17,215	8,789	4,488	4,119
N.J.	3,189	2,623	2,072	1,084	927	Miss.	23,868	15,099	7,508	3,341	4,368
Pa.	15,766	16,471	13,068	10,300	4,337	W.S.C.	115,156	119,958	74,859	34,039	27,318
E.N.C.	85,251	110,825	128,434	83,965	42,995	Ark.	18,115	17,987	9,301	6,287	7,096
Ohio	22,063	29,269	26,089	13,034	6,472	La.	16,287	9,818	5,884	3,545	3,389
Ind.	16,765	29,710	25,422	14,020	8,510	Okl.	20,707	26,969	20,410	7,574	3,728
Ill.	13,378	20,268	32,730	26,301	17,247	Tex.	60,047	65,204	39,264	16,933	13,105
Mich.	20,421	19,882	15,817	7,810	4,307	Mt.	29,996	29,169	33,237	20,300	14,996
Wis.	13,624	18,696	28,366	22,800	6,459	Mont.	3,487	4,645	7,902	5,700	2,735
W.N.C.	67,074	119,765	193,023	131,707	63,684	Idaho	5,582	5,895	7,182	4,558	3,261
Minn.	15,224	19,540	33,336	24,900	9,963	Wyo.	1,449	1,702	2,533	1,857	1,154
Iowa	8,673	18,260	39,540	37,555	22,428	Colo.	7,031	6,743	7,808	4,492	3,559
Mo.	24,054	39,656	35,664	15,624	6,957	N. Mex.	5,025	3,718	2,781	1,378	1,351
N. Dak.	2,257	6,223	18,386	10,861	3,442	Ariz.	2,593	1,578	1,222	701	1,566
S. Dak.	2,740	6,637	15,904	10,758	3,626	Utah	4,013	4,150	3,229	1,458	983
Nebr.	4,423	10,073	22,809	18,176	10,335	Nev.	816	738	580	356	387
Kans.	9,703	19,376	27,284	13,833	6,933	Pac.	52,901	37,294	29,480	17,488	21,608
S.A.	109,562	94,506	64,163	30,758	26,284	Wash.	13,042	8,542	6,318	4,987	4,841
Del.	444	783	836	622	947	Oreg.	13,789	9,068	5,742	3,146	2,888
Md.	5,441	5,249	3,888	2,367	2,202	Calif.	24,503	18,194	16,409	9,022	13,578
Va.	18,410	20,002	11,566	4,038	2,853	Alaska	156	124	63	19	21
						Hawaii	1,402	1,366	948	314	280

Source: U.S. Bureau of the Census, *Census of Agriculture: 1978*, vol. I.

NO. 1177. IRRIGATION OF AGRICULTURAL LAND—SUMMARY: 1950 TO 1978

[See also *Historical Statistics, Colonial Times to 1970*, series J 85-91]

ITEM	Unit	17 WESTERN STATES AND LA.					ALL STATES		
		1950	1959	1969	1974	1978	1969	1974	1978
Approximate land area	Mill. acres	1,191	1,189	1,187	1,187	1,187	2,284	2,264	2,266
Farms, total	1,000	1,430	1,044	850	745	796	2,730	2,314	2,479
Irrigated	1,000	289	267	210	197	239	257	237	303
Percent irrigated of total farms	Percent	20.2	25.6	24.7	26.4	29.9	9.4	10.2	12.2
Land in farms, total	Mill. acres	699	715	700	680	685	1,083	1,017	1,030
In irrigated farms	Mill. acres	168	213	218	211	228	238	229	253
Land irrigated, total	Mill. acres	25	31	35	37	44	39	41	51
Percent irrigated of total farms	Percent	3.6	4.3	5.0	5.4	6.4	3.7	4.0	4.9

Source: U.S. Bureau of the Census, *Census of Agriculture: 1950, 1959, 1969, 1974, and 1978, Irrigation of Agricultural Lands*.

NO. 1178. FEDERAL IRRIGATION PROJECTS, BY TYPE OF SERVICE: 1960 TO 1979

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979
All projects: Irrigable acreage	1,000	8,171	9,612	10,198	11,037	10,930	11,061	11,234	11,409	12,236
Irrigated acreage	1,000	6,900	8,012	8,570	9,418	9,309	9,463	9,132	9,576	10,233
Gross crop value	Mill. dol.	1,158	1,557	1,882	4,855	4,419	4,336	4,395	4,393	6,909
Full service: Irrigable acreage	1,000	4,326	4,540	4,844	4,926	4,925	4,957	4,974	5,012	5,076
Irrigated acreage	1,000	3,489	3,731	4,037	4,216	4,213	4,249	4,206	4,222	4,254
Gross crop value	Mill. dol.	581	675	847	1,943	1,858	1,846	1,771	2,036	2,348
Supplemental and temporary service: Irrigable acreage	1,000	3,845	5,072	5,354	6,111	6,005	6,104	6,260	6,397	7,160
Irrigated acreage	1,000	3,412	4,281	4,533	5,202	5,096	5,214	4,926	5,354	5,979
Gross crop value	Mill. dol.	577	882	1,035	2,712	2,561	2,490	2,624	2,957	4,561

¹ Applies to irrigable land receiving its sole irrigation supply through Water and Power Resources Service-constructed facilities and to previously irrigated land in non-Federal projects where a substantial part of the facilities was constructed, rehabilitated, or replaced by the Service. ² Applies to irrigable land receiving irrigation water through Service projects in addition to supply from non-project sources and to land for which water is delivered under temporary arrangements.

Source: U.S. Water and Power Resources Service, *Annual Report*.

NO. 1179. LAND UTILIZATION, BY TYPE: 1950 TO 1978

[1950 excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series J 50-65, for similar data]

TYPE	LAND (mil. acres)					PERCENT				
	1950	1959	1969	1974	1978	1950	1959	1969	1974	1978
Total land area	1,904	2,271	2,264	2,264	2,264	100.0	100.0	100.0	100.0	100.0
Cropland used for crops ¹	377	359	333	361	370	19.8	15.8	14.7	16.0	16.3
Idle cropland	32	33	51	21	26	1.7	1.5	2.3	.9	1.1
Cropland used only for pasture	69	66	88	83	76	3.6	2.9	3.9	3.7	3.4
Grassland pasture ²	631	633	604	596	587	33.1	27.9	26.7	26.4	25.9
Forest land ³	601	728	723	718	703	31.6	32.1	31.9	31.7	31.0
Special uses	115	146	172	182	159	6.0	6.4	7.6	8.0	7.0
Urban areas ⁴	15	24	31	35	(⁵)	.8	1.1	1.4	1.5	(⁶)
Transportation areas ⁶	24	25	26	26	27	1.2	1.1	1.2	1.2	1.2
Recreation areas ⁷	32	44	49	52	57	1.7	1.9	2.2	2.3	2.5
Wildlife areas ⁸	9	17	32	36	42	.5	.8	1.4	1.6	1.9
National defense and industrial ⁹	23	26	26	25	25	1.2	1.1	1.1	1.1	1.1
Farmsteads, farm roads, and lanes	12	10	8	8	8	.6	.4	.4	.4	.4
Other land ¹⁰	79	306	293	301	¹¹ 343	4.2	13.5	12.9	13.2	¹² 15.2

¹ Cropland harvested, crop failure, and cultivated summer fallow. ² Grassland and other nonforest pasture and range. ³ Excludes reserve forest land in parks and other special uses of land. Includes forest grazing land. ⁴ Estimated area in urbanized areas and places of 2,500 or more population outside urbanized areas. ⁵ Data for urban areas included in other land. ⁶ Represents rural highway, road, and railroad rights-of-way, and airports. ⁷ Area in National and State parks and related recreation areas, including area in national wilderness and primitive areas. ⁸ Acreage administered by Federal and State agencies primarily for wildlife protection and propagation. ⁹ Areas administered by the Dept. of Defense for military purposes and by the Energy Research and Development Administration. ¹⁰ Miscellaneous areas such as marshes, open swamps, bare rock area, deserts, and tundra, and various other uses not inventoried.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Major Uses of Land in the United States: 1974*, AER 440, and unpublished data.

NO. 1180. AVAILABILITY OF NONFEDERAL LAND FOR AGRICULTURE: 1977

[In millions of acres. Agricultural lands represent lands currently used to produce agricultural commodities and lands that have the potential for such production. These lands have a favorable combination of soil quality, growing season, moisture supply, size, and accessibility. Data are based on National Agricultural Lands Study; for details, contact source]

STATE	LAND AVAILABLE FOR AGRICULTURE				Land not available for agriculture	STATE	LAND AVAILABLE FOR AGRICULTURE				Land not available for agriculture
	Total ¹	Crop-land	Range-land	Forest-land			Total ¹	Crop-land	Range-land	Forest-land	
U.S.	1,359	413	414	376	153	Mo.	39	15	(z)	11	3
Ala.	29	4	-	20	3	Mont.	64	15	39	6	2
Alaska	13	(z)	6	7	1	Neb.	47	21	22	(z)	2
Ariz.	38	1	35	2	2	Nev.	9	1	7	(z)	2
Ark.	28	8	(z)	14	2	N.H.	4	(z)	-	4	1
Calif.	39	10	18	10	15	N.J.	3	1	-	2	2
Colo.	40	11	24	3	3	N. Mex.	48	2	42	3	3
Conn.	2	(z)	-	1	1	N.Y.	25	6	-	15	6
						N.C.	25	6	-	17	4
Del.	1	1	-	(z)	(z)	N. Dak.	41	27	11	(z)	2
Fla.	24	3	3	12	6	Ohio.	21	12	-	6	5
Ga.	32	6	-	22	4	Okla.	40	12	15	5	2
Hawaii	3	(z)	-	1	1	Oreg.	27	5	10	10	2
Idaho	18	6	7	4	1	Pa.	23	6	-	14	6
Ill.	31	24	-	3	4	R.I.	(z)	(z)	-	(z)	(z)
Ind.	20	13	-	4	3	S.C.	15	3	-	11	3
Iowa	33	26	-	1	2	S. Dak.	44	18	22	(z)	2
Kans.	49	29	16	1	2	Tenn.	22	5	-	12	3
Ky.	22	5	-	11	2	Texas	155	30	95	9	10
La.	22	6	(z)	13	6	Utah.	13	2	9	1	4
Maine	18	1	-	17	2	Vi.	5	1	-	4	1
Md.	4	2	-	2	2	Va.	20	3	-	13	3
Mass.	3	(z)	-	3	2	Wash.	28	8	6	12	2
Mich.	27	9	-	15	6	W. Va.	13	1	-	10	1
Minn.	41	23	(z)	14	6	Wis.	29	12	(z)	13	4
Miss.	26	7	(z)	14	3	Wyo.	31	3	26	1	2

- Represents zero. Z Less than 500,000 acres. ¹ Includes pastureland and other land in farms not shown separately.

Source: U.S. Dept. of Agriculture, Soil Conservation Service, *Agricultural Land Data Sheet*, Interim Report No. 2, 1980.

NO. 1181. FARM AND RANCH LAND—OWNERS AND ACREAGE BY CHARACTERISTICS: 1978

[Covers cropland, pastureland, woodland, wasteland, and farmsteads. Based on a land area sample and subject to sampling variability; for details, see source. Estimate of number of owners is more nearly an estimate of number of individual ownership units or entities that owned land with certain characteristics]

CHARACTERISTIC	OWNERS		ACREAGE		CHARACTERISTIC	OWNERS		ACREAGE	
	Number (1,000)	Per- cent	Amount (mil.)	Per- cent		Number (1,000)	Per- cent	Amount (mil.)	Per- cent
Total	6,877	100.0	938.0	100.0	Size of holding:				
Sole proprietor.....	3,032	44.1	336.0	35.8	1-9 acres.....	2,015	29.3	7.3	.8
Husband-wife.....	3,016	43.9	334.8	35.7	10-49 acres.....	1,926	28.0	48.0	5.1
Family partnership.....	423	6.2	113.9	12.1	50-99 acres.....	989	14.4	71.0	7.6
Family corporation.....	107	1.5	61.7	6.6	100-179 acres.....	880	12.8	120.3	12.8
Nonfamily partnership.....	97	1.4	18.4	2.0	180-499 acres.....	770	11.2	221.6	23.6
Nonfamily corporation.....	71	1.0	36.9	3.9	500 acres or more.....	297	4.3	469.8	50.1
Other.....	131	1.9	36.3	3.9	Method of acquisition:				
Occupation: ¹					Purchase from nonrela- tive.....	4,355	63.3	535.6	57.1
Farmer.....	1,702	24.7	478.3	51.0	Purchase from relative.....	1,333	19.4	172.6	18.4
White collar worker.....	1,440	20.9	119.8	12.8	Inherited or gift.....	1,142	16.6	211.9	22.6
Blue collar worker.....	1,517	22.1	67.6	7.2	Other.....	47	.7	17.8	1.9
Retired.....	1,593	23.2	140.7	15.0					
Other.....	361	5.5	36.4	3.9					

¹ Excludes corporations and other business entities.

Source: U.S. Dept. of Agriculture, Economic Research Service, unpublished data.

NO. 1182. FOREIGN OWNERSHIP OF U.S. AGRICULTURAL LAND: 1979-1980

[In thousands, except percent. Covers "foreign persons" reporting under the Agricultural Foreign Investment Disclosure Act of 1978. As defined in the Act a "foreign person" is any person who is not a U.S. citizen and who is not a permanent resident alien of the U.S. Foreign governments and entities are also "foreign persons." Also, each successive link in a chain of U.S. entities containing foreign interests is considered a "foreign person." An entity is deemed a "foreign person" because another "foreign person" holds at least a 5 percent or more interest in the entity. Therefore acreage figures reported do not necessarily mean that they are wholly owned by foreign investors. Covers reports received and accepted as of January 16, 1981]

CHARACTERISTIC	ACREAGE, 1979 ¹		ACQUISITIONS, 1979-1980 ²		CHARACTERISTIC	ACREAGE, 1979 ¹		ACQUISITIONS, 1979-1980 ²	
	Total	Percent	Total	Percent		Total	Percent	Total	Percent
Total	6,658	100.0	1,741	100.0	Country of foreign owner:				
Type of owner:					Canada.....	1,237	18.6	83	4.8
Corporation.....	5,472	82.2	1,362	78.3	Germany, Fed. Rep.....	381	5.7	192	11.1
Partnership.....	641	9.6	185	9.5	Hong Kong.....	197	3.0	2	.1
Individual.....	452	6.8	186	10.7	Mexico.....	146	2.2	15	.9
Other.....	94	1.4	27	1.6	Netherlands Antilles.....	373	5.6	280	14.9
Size of holding:					Switzerland.....	119	1.8	60	3.5
Less than 100 acres.....	69	1.0	33	1.9	United Kingdom.....	247	3.7	58	3.3
100-299 acres.....	128	1.9	88	5.1	Through U.S. interest: ⁴				
300-999 acres.....	401	6.0	252	14.5	Canada.....	445	6.7	59	3.4
1,000 acres or more.....	6,059	91.0	1,368	78.6	Germany, Fed. Rep.....	284	4.4	158	9.1
Land use:					Luxembourg.....	443	6.7	16	.9
Cropland.....	1,081	16.2	556	32.0	Netherlands.....	301	4.5	50	2.9
Pasture.....	1,837	27.6	556	31.9	Netherlands.....				
Forest.....	2,755	41.4	322	18.5	Antilles.....	169	2.5	66	3.8
Other agriculture.....	569	8.5	163	9.4	Switzerland.....	91	1.4	70	4.0
Other nonagriculture.....	407	6.1	144	8.2	United Kingdom.....	1,260	18.9	148	8.5

¹ Landholdings by foreign interests as of Feb. 1.

² Acquisitions by foreign interests from Feb. 2, 1979 to Dec. 31, 1980.

³ Includes other items not shown separately. ⁴ Reports filed by U.S. corporations with foreign shareholders.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Foreign Ownership of U.S. Agricultural Land, February 1, 1979 through December 31, 1980* (Agriculture Information Bulletin No. 448), 1981.

NO. 1183. AGRICULTURAL SERVICES—SUMMARY: 1974 AND 1978

SIC code ¹	TYPE OF SERVICE	ESTABLISH- MENTS		GROSS RECEIPTS (mil. dol.)		PAID EMPLOYEES (1,000)		PAYROLL (mil. dol.)	
		1974	1978	1974	1978	1974	1978	1974	1978
07	Agricultural services.....	61,347	93,120	3,555	7,251	501	994	1,206	2,550
071	Soil preparation services.....	730	1,476	41	85	3	9	11	31
072	Crop services.....	5,140	9,850	720	1,676	109	199	197	498
074	Veterinary services.....	10,452	15,551	868	1,549	52	88	258	510
0741	Cattle, hogs, sheep, goats, and poultry.....	3,081	4,021	206	331	10	15	47	84
0742	Dogs, cats, horses, bees, fish, rabbits, other pets ²	7,371	11,530	662	1,218	42	73	211	426
075	Animal services, except veterinary.....	10,502	16,890	298	634	29	57	88	178
076	Farm labor and management services.....	905	2,769	286	667	161	361	166	386
078	Landscape and horticultural services.....	33,618	46,584	1,342	2,640	146	280	487	947

¹ Standard Industrial Classification Code.

² Includes birds (exc. poultry) and other furbearing animals.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1978*, vol. III.

No. 1184. FARM REAL ESTATE—SUMMARY: 1960 TO 1981

[Through 1975, value data as of Mar. 1; beginning 1976, as of Feb. 1. Excludes Alaska and Hawaii, 1960–1974, value data based on 1969 census definition of farms and farmland; beginning 1975, based on 1974 census definition, see text, p. 655]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Total value	Bil. dol.	136.8	167.0	215.0	326.6	358.6	416.8	495.0	553.0	653.1	753.6	825.8
Land	Bil. dol.	104.5	132.6	175.5	269.8	296.8	345.7	410.8	459.7	544.3	630.2	692.2
Buildings	Bil. dol.	32.3	34.4	39.5	56.8	61.8	71.1	84.2	93.3	108.8	123.4	133.6
Avg. value per acre ¹	Dollars	117	147	196	302	340	397	474	531	628	725	796
Index	1967=100	68	86	117	187	213	242	283	308	354	410	448
Avg. value, operating unit	\$1,000	34.6	49.9	73.0	117.0	142.5	167.2	201.9	227.4	269.3	311.0	342.1
Farm real estate sales ²	1,000	(NA)	^a 113.6	89.0	115.5	88.9	76.0	74.5	70.8	68.2	68.3	61.4
Acres sold	Million	(NA)	^a 26.5	22.0	39.0	24.7	21.0	20.6	22.5	22.8	21.1	18.1
Value	Bil. dol.	(NA)	^a 5.3	5.4	13.2	10.6	11.0	13.4	12.9	14.1	16.5	15.4

NA Not available. ¹ Land and buildings. ² Voluntary and estate sales of 10 acres or more. ^a 1966 data.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Farm Real Estate Market Developments*, annual.

No. 1185. FARM REAL ESTATE—VALUE OF LAND AND BUILDINGS, BY STATES: 1970 TO 1981

[See headline, table 1184, See also *Historical Statistics, Colonial Times to 1970*, series K 16]

STATE	VALUE OF LAND AND BUILDINGS (mil. dol.)				AVERAGE VALUE OF LAND AND BUILDINGS, PER ACRE				INDEXES OF AVERAGE VALUE PER ACRE (1967=100)			
	1970	1975	1980	1981	1970	1975	1980	1981	1970	1975	1980	1981
U.S.	215,042	358,640	753,608	825,821	\$196	\$340	\$725	\$796	117	213	410	448
Ala.	2,960	4,878	10,055	11,777	200	364	792	935	121	233	410	484
Ariz.	2,891	4,440	10,260	10,950	70	111	1,264	1,282	127	211	1,380	1,407
Ark.	4,576	7,123	15,201	17,504	260	419	921	1,061	129	192	389	448
Calif.	17,531	22,398	48,345	58,640	479	653	1,426	1,735	110	133	226	275
Colo.	3,771	7,050	13,737	15,042	95	188	376	412	105	209	421	461
Conn.	543	1,747	1,173	1,241	921	1,524	2,394	2,533	134	248	1,394	1,416
Del.	357	670	1,141	1,255	499	971	1,755	1,931	116	242	504	555
Fla.	5,254	^a 9,590	^a 18,112	^a 20,047	355	^a 685	^a 1,352	^a 1,507	121	^a 224	^a 357	^a 398
Ga.	4,072	7,110	13,460	14,185	234	474	868	915	138	298	424	447
Idaho	2,744	5,221	10,301	11,048	177	339	689	717	120	243	396	425
Ill.	14,455	24,619	57,976	61,430	490	846	2,013	2,133	107	209	479	507
Ind.	7,105	12,312	30,791	33,137	406	720	1,833	1,972	104	200	480	516
Iowa	13,485	24,518	61,207	65,601	392	718	1,811	1,941	114	234	554	593
Kans.	7,934	14,415	27,685	28,498	159	286	573	590	107	211	352	363
Ky.	4,124	6,320	13,942	14,376	253	427	955	991	116	203	414	430
La.	3,788	5,525	13,007	15,344	321	512	1,288	1,519	116	192	369	435
Maine	308	1,490	1,934	1,988	161	1,341	1,578	1,612	128	243	1,386	1,408
Md.	1,971	3,127	6,190	7,156	640	1,060	2,251	2,558	138	248	524	595
Mass.	424	^a 1,673	^a 1,055	^a 1,118	565	^a 961	^a 1,551	^a 1,641	126	^a 232	^a 368	^a 390
Mich.	4,140	6,360	12,331	14,050	326	553	1,082	1,232	113	184	352	402
Minn.	6,983	12,958	31,832	36,944	226	429	1,061	1,231	118	242	569	680
Miss.	4,048	5,875	12,050	15,288	234	379	825	1,047	125	204	339	430
Mo.	7,437	12,830	27,660	29,627	224	396	878	941	124	214	438	469
Mont.	3,852	6,966	14,230	14,831	60	112	229	239	124	237	455	474
Nebr.	7,407	13,508	28,623	31,439	154	282	600	660	115	215	421	463
Nev.	477	764	1,276	1,435	53	85	1,253	1,271	155	299	1,546	1,584
N.H.	160	1,290	1,539	1,570	239	1,563	1,989	1,046	149	1,298	472	1,499
N.J.	1,158	1,870	2,984	2,998	1,092	1,807	2,925	2,998	144	340	453	464
N. Mex.	2,008	3,666	1,870	1,971	42	78	1,190	1,203	120	197	378	1,404
N.Y.	3,058	5,406	6,656	6,894	273	510	708	749	123	275	372	394
N.C.	5,062	7,257	14,221	15,572	333	590	1,215	1,331	113	216	347	380
N. Dak.	3,939	8,249	16,627	17,632	94	195	399	423	120	265	476	504
Ohio	7,022	11,790	27,347	28,143	399	706	1,678	1,727	115	208	516	531
Okla.	6,419	10,721	22,999	22,903	173	302	604	662	115	212	367	403
Oreg.	3,015	4,650	10,067	10,946	150	250	556	605	137	228	337	366
Pa.	3,805	7,046	12,633	13,021	373	734	1,404	1,447	145	315	589	607
R.I.	56	1,113	1,191	1,202	734	1,507	2,547	2,693	132	242	1,384	1,406
S.C.	2,165	3,176	5,627	5,950	261	467	879	930	124	273	403	427
S. Dak.	3,822	6,583	12,271	13,054	84	145	273	290	112	214	403	429
Tenn.	4,127	6,538	12,959	13,920	268	467	953	1,024	123	236	373	400
Tex.	21,134	34,020	62,120	68,355	148	243	448	492	119	193	328	361
Utah	1,214	2,369	1,680	1,748	92	188	1,530	1,567	137	232	1,488	1,522
Vt.	450	1,818	1,125	1,306	224	1,462	1,710	1,751	155	294	1,467	1,494
Va.	3,260	5,636	9,991	10,586	266	558	1,009	1,080	121	250	420	449
Wash.	3,718	5,635	11,671	13,754	224	350	725	854	124	178	308	364
W. Va.	694	1,290	2,959	3,155	136	300	705	751	137	317	628	658
Wis.	4,663	8,376	18,232	20,558	232	434	980	1,105	124	240	512	577
Wyo.	1,456	2,808	5,357	5,732	41	80	153	164	116	218	343	367

¹ Dollar values based on average rate of change for region. Index based on weighted average. ² Indexes based on percentage change in Georgia and Alabama. Dollar value based on the resulting index.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Farm Real Estate Market Developments*, annual.

NO. 1186. BALANCE SHEET OF THE FARMING SECTOR: 1960 TO 1981

[In billions of dollars, except percent. As of January 1. See also *Historical Statistics, Colonial Times to 1970*, series K 204-219, for data before revisions]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981, prel.
Assets.....	210.3	243.8	314.9	394.8	478.5	503.8	576.3	664.0	737.1	872.9	1,004.4	1,090.3
Annual percent increase ¹	4.5	3.0	5.3	7.8	21.2	5.3	14.4	15.2	11.0	18.4	15.1	8.6
Physical assets:												
Real estate.....	137.2	167.5	215.8	267.3	327.7	359.8	418.2	496.4	554.6	655.1	756.2	828.7
Non-real estate:												
Livestock ²	15.3	14.5	23.5	34.1	42.4	24.5	29.4	29.0	31.9	51.3	61.4	60.9
Machinery, motor vehicles.....	22.7	24.8	32.3	39.3	44.2	54.7	64.0	71.0	76.9	85.1	96.7	102.3
Crops stored ³	7.7	9.2	10.9	14.5	22.1	23.2	21.3	22.1	24.8	28.0	33.5	36.4
Household furnishings, equipment.....	9.2	8.4	9.6	11.9	12.3	12.6	12.8	13.7	15.5	18.0	19.4	22.0
Financial assets:												
Deposits and currency.....	9.2	9.6	11.9	14.0	14.9	14.0	14.5	14.8	15.2	15.5	15.9	16.2
United States savings bonds.....	4.7	4.2	3.7	4.0	4.1	3.8	3.9	3.8	3.9	4.2	4.0	3.8
Investments in cooperatives.....	4.2	5.6	7.2	9.7	10.8	11.0	12.2	13.1	14.3	15.6	17.3	19.9
Claims.....	210.3	243.8	314.9	394.8	478.5	503.8	576.3	664.0	737.1	872.9	1,004.4	1,090.3
Liabilities	24.8	36.8	53.0	65.3	74.1	81.8	90.4	102.6	119.3	136.1	157.9	174.5
Real estate debt.....	12.1	18.9	29.2	35.7	41.3	46.3	51.0	56.6	63.6	70.8	82.7	92.0
Non-real estate debt to—												
Commodity Credit Corp. ⁴	1.2	1.5	2.7	1.8	.8	.3	.4	1.0	4.5	5.2	4.5	4.4
Other reporting agencies ⁵	6.6	10.0	15.8	22.0	26.2	29.2	33.1	37.8	42.7	49.6	59.0	64.2
Non-reporting creditors ⁶	4.9	6.3	5.3	5.8	5.9	6.0	6.3	7.3	8.4	10.4	11.7	14.0
Proprietors' equities.....	185.4	207.0	261.9	327.5	404.4	421.9	485.9	561.3	617.8	736.0	846.5	915.7

¹ Average change from prior year shown; for 1980, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. ² Beginning 1965, excludes horses and mules. ³ Includes all crops held on farms and crops held off farms by farmers as security for CCC loans. ⁴ Nonrecourse CCC loans secured by crops owned by farmers are included as assets in this balance sheet. ⁵ Loans of all operating banks, production credit associations, and Farmers Home Administration, and discounts of Federal intermediate credit banks for agricultural credit corporations and livestock loan companies. ⁶ Loans and credits extended by dealers, merchants, finance companies, individuals, and others. Estimates based on fragmentary data.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics*, annual.

NO. 1187. GROSS FARM PRODUCT—SUMMARY: 1960 TO 1979

[In billions of dollars. For definition of gross product and current and constant dollars, see text, pp. 417-419. Minus sign (—) denotes decrease. See *Historical Statistics, Colonial Times to 1970*, series K 220-239, for single-year figures prior to minor revisions issued in 1981]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
CURRENT DOLLARS											
Total value of farm output¹.....	38.2	44.1	54.9	67.0	96.3	97.8	99.5	101.0	106.3	123.8	148.2
Farm marketings cash receipts ²	34.4	39.4	50.4	61.4	87.2	92.7	88.1	94.5	95.6	112.5	131.4
Farm products consumed ³	1.2	.8	.8	.8	1.1	1.3	1.3	1.3	1.3	1.4	1.4
Change in farm inventories.....	.3	1.0	.1	.6	3.2	-1.8	3.5	-2.0	.8	4.4	4.1
Gross rental value of farm homes.....	2.1	2.5	3.0	3.5	3.9	4.7	5.4	6.0	7.1	7.8	9.1
Less: Intermediate products consumed.....	18.0	22.2	29.0	35.1	46.4	50.1	50.7	55.2	58.7	65.9	78.2
Equals: Gross farm product.....	20.2	21.9	25.8	31.9	49.9	47.7	48.9	45.9	47.6	57.9	70.0
Less: Capital consumption allowances ⁴	3.7	4.2	5.9	6.8	7.4	8.5	10.1	11.1	12.6	14.2	16.2
Indirect business taxes.....	1.3	1.5	2.0	2.1	2.1	2.3	2.5	2.7	3.0	3.1	3.2
Plus: Govt. payments to farm landlords.....	.6	2.1	3.3	3.5	2.3	.5	.7	.6	1.6	2.7	1.2
Equals: Income.....	15.8	18.4	21.2	26.5	42.7	37.4	37.0	32.7	33.6	43.3	51.8
CONSTANT (1972) DOLLARS											
Total value of farm output¹.....	51.9	58.9	63.1	67.0	68.1	65.1	65.9	66.7	69.9	71.7	75.1
Farm marketings cash receipts ²	45.4	50.2	57.6	61.4	60.8	60.4	59.8	63.7	65.1	67.1	68.1
Farm products consumed ³	1.7	1.1	.8	.8	.9	1.0	1.0	1.0	.9	.8	.8
Change in farm inventories.....	.3	1.2	.4	.6	2.3	-.3	1.2	-1.9	—	—	2.4
Gross rental value of farm homes.....	4.1	3.9	3.7	3.5	3.3	3.3	3.2	3.1	2.9	2.8	2.7
Less: Intermediate products consumed.....	22.7	27.1	32.0	35.1	36.5	33.3	32.3	34.6	36.9	38.9	40.2
Equals: Gross farm product.....	29.2	29.8	31.1	31.9	31.6	31.8	33.6	32.1	33.0	32.9	34.9

— Represents zero. ¹ Includes other farm income not shown separately. ² Includes CCC loans. ³ In households where raised. ⁴ With capital consumption adjustments.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *1976-79*, and *Survey of Current Business*, July issues, and unpublished data.

NO. 1188. FARM BALANCE SHEET ASSETS: 1960 TO 1981

[As of January 1. Assets represent farm real estate less value of operators' dwellings; livestock; machinery less the personal use of automobiles and trucks; all crops; currency and demand deposits; and the network of farmer cooperatives]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981, prel.
Total assets	Bil. dol.	173.8	206.4	272.4	343.0	421.5	442.2	509.1	588.1	654.7	779.2	902.0	980.1
Average—													
Per farm ¹	\$1,000.....	43.8	61.5	92.4	121.5	150.8	175.4	203.9	239.4	268.8	320.7	371.5	405.2
Per farm worker.....	\$1,000.....	23.7	33.8	59.3	78.4	97.2	100.7	117.2	134.4	157.6	196.9	239.0	264.5

¹ 1960–1974 based on 1969 census farm definition; beginning 1975, based on 1974 census farm definition. See text, p. 655.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics*, annual.

NO. 1189. FARM DEBT OUTSTANDING, BY TYPE OF LENDER: 1960 TO 1981

[In billions of dollars, except percent. As of Jan. 1. See also *Historical Statistics, Colonial Times to 1970*, series K 361–367 and K 376–380]

LENDER	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981, prel.
Farm debt, total	24.8	36.8	53.0	74.1	81.8	90.4	102.6	119.3	136.1	157.9	174.5
Annual percent change ¹	7.1	8.2	7.6	8.7	10.4	11.0	13.0	16.2	14.1	16.0	10.5
Farm debt/asset ratio (percent).....	11.8	15.1	16.8	15.5	16.2	15.7	15.5	16.2	15.6	15.7	16.0
Real estate debt	12.1	18.9	29.2	41.3	46.3	51.0	56.6	63.6	70.8	82.7	92.0
Federal land banks.....	2.3	3.7	6.7	10.9	13.4	16.0	18.5	21.4	24.6	29.7	36.0
Life insurance companies.....	2.8	4.3	5.7	6.0	6.3	6.7	7.4	8.8	10.5	12.2	12.9
Commercial and savings banks.....	1.5	2.4	3.5	5.5	6.0	6.3	6.8	7.8	8.6	8.6	8.7
Farmers Home Administration ²	.7	1.3	2.3	3.0	3.2	3.4	3.7	4.0	4.1	7.1	7.7
Individuals and others ³	4.8	7.2	11.0	15.9	17.4	18.7	20.3	21.7	23.1	25.1	26.7
Non-real estate debt	12.7	17.9	23.8	32.9	35.5	39.8	46.1	55.6	65.2	75.2	82.5
Commercial and savings banks.....	4.8	7.0	10.3	17.2	18.2	20.2	23.3	25.7	28.3	31.0	31.6
Production credit associations ⁴	1.4	2.4	4.7	8.2	9.9	11.1	12.6	13.9	15.5	19.0	20.8
Farmers Home Administration.....	.4	.6	.8	.9	1.0	1.8	1.9	3.1	6.8	9.0	11.7
Individuals and others ⁵	4.9	6.3	5.3	5.9	6.1	6.4	7.3	8.4	10.4	11.7	14.0
Commodity Credit Corporation.....	1.2	1.5	2.7	.8	.3	.4	1.0	4.5	5.2	4.5	4.4

¹ Annual change from prior year shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. ² Includes direct and insured farm ownership, farm housing, soil and water and recreation loans secured by farm real estate. ³ Includes seller and other individual financing of farm real estate sales and unclassified credit sources. ⁴ Also includes Federal intermediate credit bank loans to financial groups other than production credit associations. ⁵ Includes merchants and dealers, individuals, Small Business Administration, and all other unclassified credit sources.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics*, annual.

NO. 1190. CASH SOURCES AND USES OF FUNDS FOR THE FARM SECTOR: 1965 TO 1980

[In billions of dollars. Excludes funds from sale of real estate to nonfarm sector. Gross farm operating expenses have been deducted from gross farm income]

SOURCE AND USE	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, prel.
Total funds	33.3	40.1	75.2	73.5	69.5	75.2	76.4	93.5	109.5	110.0
Sources:										
Net cash farm and nonfarm income.....	29.2	37.9	65.4	65.4	60.5	64.0	63.3	76.0	87.5	87.0
Net flow of real estate loans.....	2.3	1.1	5.5	5.0	4.8	5.5	7.1	8.6	11.3	14.0
Net flow of non-real estate loans ¹	1.8	1.1	4.3	3.1	4.2	5.7	6.0	8.9	10.7	9.0
Uses:										
Personal consumption ²	21.8	26.4	50.1	49.6	45.0	46.3	45.1	58.6	74.7	85.1
Purchased capital.....	11.5	13.6	25.0	23.9	24.5	28.8	31.3	34.9	34.8	24.9
Purchases of real estate ³	4.3	4.1	10.6	8.6	8.8	10.8	10.4	11.3	13.2	13.2
Purchases of machinery and motor vehicles.....	4.2	4.9	7.6	8.2	8.7	10.0	10.5	12.0	10.5	7.3
Capital improvement to real estate assets.....	1.6	2.4	3.1	4.4	4.7	5.0	5.6	6.2	5.6	7.3
Other capital purchases ⁴	1.1	2.2	3.7	2.7	2.3	3.0	4.8	5.4	5.5	.5

¹ Excludes CCC loans. ² Includes other cash uses. ³ Covers purchases from discontinuing proprietors. ⁴ Includes net additions to household furnishings, commercial bank deposits and currency, and purchases of breeding livestock.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Agricultural Finance Outlook*, annual.

NO. 1191. FARM INCOME AND EXPENSES: 1960 TO 1980

[In billions of dollars, except as indicated. Minus sign (—) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series K 192, K 259-260, K 264-285, and K 326]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Gross income from farming	38.9	46.5	58.6	98.9	98.3	100.3	101.8	108.7	127.5	151.9	150.5
Marketing, cash receipts.....	34.2	39.4	50.5	87.1	92.4	88.2	94.8	96.3	112.9	131.9	136.4
Crops.....	15.3	17.5	21.0	41.1	51.1	45.2	48.7	48.7	53.7	63.4	69.0
Livestock.....	19.0	21.9	29.6	45.9	41.4	43.1	46.1	47.6	59.2	68.5	67.4
Government payments.....	.7	2.5	3.7	2.6	.5	.8	.7	1.8	3.0	1.4	1.3
Value of home consumption.....	1.2	.8	.8	1.1	1.3	1.3	1.0	1.1	1.1	1.2	1.2
Rental value of dwellings.....	2.1	2.5	3.0	3.9	4.7	5.4	6.0	7.1	8.2	9.9	11.4
Other farm income.....	.2	.4	.5	.8	1.0	1.2	1.4	1.6	1.7	2.1	2.2
Value of change in inventories.....	.4	1.0	(2)	3.4	-1.6	3.4	-2.4	1.0	.6	5.3	-2.0
Expenses of farm production	27.4	33.7	44.4	65.6	72.2	75.9	83.1	90.3	101.1	119.2	130.7
Operating expenses ¹	16.7	20.1	26.8	40.3	44.4	45.6	50.6	54.8	62.1	74.9	81.4
Feed purchased.....	4.6	5.7	8.0	13.2	14.5	12.6	14.4	14.1	14.3	17.1	18.5
Livestock purchased.....	2.5	2.9	4.3	8.1	5.1	5.0	5.9	7.0	10.1	12.7	10.5
Seed purchased ²	.5	.7	.9	1.6	2.1	2.3	2.5	2.9	3.1	3.4	3.9
Fertilizer and lime.....	1.3	2.0	2.4	3.4	5.8	6.4	6.1	6.1	6.2	7.0	8.9
Repairs and maintenance ³	4.0	3.9	4.5	5.2	6.7	7.8	9.1	10.1	11.4	13.8	16.4
Miscellaneous ⁴	3.8	4.9	6.6	8.8	10.2	11.5	12.6	14.5	16.9	21.0	23.2
Depreciation ⁵	4.3	5.1	6.8	8.9	10.6	12.6	13.8	15.3	17.3	19.7	21.8
Taxes on farm property.....	1.5	1.9	2.6	2.9	3.1	3.3	3.6	3.9	3.6	3.8	4.1
Interest, farm mortgage debt.....	.6	1.1	1.8	2.5	3.0	3.4	3.9	4.4	5.1	6.1	7.3
Wages paid hired farm labor.....	3.1	3.6	4.3	5.2	6.0	6.4	7.0	7.8	8.1	9.3	10.3
Net rent to nonoperator landlords.....	1.1	1.9	2.1	5.7	5.1	4.6	4.2	4.1	4.9	5.4	5.8
Net income of farm operators											
from farming	11.5	12.9	14.2	33.3	26.1	24.5	18.7	18.4	26.5	32.7	19.9
In constant (1967) dollars.....	13.0	13.7	12.2	25.1	17.7	15.2	11.0	10.1	13.5	15.0	8.0
Avg. income per farm ⁶ (dol.).....	2,907	3,843	4,799	11,813	9,349	8,845	6,824	7,489	10,861	13,456	8,180

Z Less than \$50 million. ¹Excluding hired labor. ²Includes bulbs, plants, and trees. ³Includes expenditures for repairs and maintenance of farm buildings, petroleum fuel and oil, other motor-vehicle operations, and repairs on other machinery. ⁴Includes interest on non-real estate debt, pesticides, ginning, electricity and telephones (business share), livestock marketing charges, containers, milk hauling, irrigation, grazing, binding materials, tolls for sirup, horses and mules, harness and saddlery, miscellaneous hardware (incl. blacksmithing), veterinary services and medicines, net insurance premiums (crop, fire, wind, and hail), machine hire and custom work, miscellaneous livestock and poultry, small hand tools, dairy supplies, nursery and greenhouse, apiary, and other miscellaneous. ⁵Includes other consumption of farm capital. ⁶1960-1976 based on 1969 census farm definition; beginning 1977, based on 1974 census definition. See text, p. 655.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics*, annual.

NO. 1192. PERSONAL INCOME OF THE FARM POPULATION: 1965 TO 1980

[In millions of dollars, except as indicated. Through 1976 based on 1969 census farm definition; beginning 1977 based on 1974 census definition. See text, p. 655. See *Historical Statistics, Colonial Times to 1970*, series K 256-258 and K 261-263, for data prior to revisions]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Net income of farm operators¹	12,899	14,151	33,349	26,130	24,475	18,682	18,391	26,458	32,697	19,860
Less: Net income of nonresident operators	1,961	2,179	5,002	3,867	3,671	2,896	2,943	4,366	5,395	3,277
Plus: Wages, salaries, and other labor income of workers²	1,261	1,422	1,537	1,776	1,760	1,703	2,274	2,066	2,040	1,943
Less: Contributions of operators and workers to social insurance³	231	389	654	686	676	706	772	857	1,015	1,080
Equals: Personal income of farm population from farm sources	11,968	13,005	29,230	23,353	21,888	16,783	16,950	23,301	28,327	17,446
Plus: Personal income of farm population from nonfarm sources	10,627	14,473	18,690	21,798	22,660	23,500	20,986	24,501	26,556	29,205
Equals: Personal income of farm population	22,595	27,478	48,920	45,151	44,548	40,283	37,936	47,802	54,883	46,651
Per capita personal income:										
From all sources (dol.).....	1,828	2,829	5,165	4,874	5,026	4,881	6,125	7,353	8,794	7,710
From farm sources (dol.).....	968	1,339	3,086	2,521	2,469	2,034	2,737	3,584	4,539	2,883
From nonfarm sources (dol.).....	860	1,490	2,079	2,353	2,556	2,847	3,388	3,769	4,255	4,826
Per capita disposable personal income:										
Of farm population (dol.).....	1,692	2,520	4,700	4,355	4,520	4,316	5,328	6,324	7,475	6,553
Of nonfarm population (dol.).....	2,480	3,389	4,266	4,660	5,113	5,553	5,943	6,580	7,290	8,041
Percent farm of nonfarm.....	68.2	74.1	110.2	93.5	88.4	77.7	89.7	96.1	102.5	81.5

¹Income from farming; includes government payments. ²Farm residents only.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics*, annual.

NO. 1193. FARMS, FARM INCOME, AND ASSETS, BY VALUE OF SALES: 1975 TO 1980

[See table 1191 for components of income]

FARMS WITH VALUE OF SALES OF—	Number of farms ¹ (1,000)	Gross income ² (bil. dol.)	Cash receipts ³ (bil. dol.)	Net income ⁴ (bil. dol.)	Assets ⁴ (bil. dol.)	Debt to asset ratio (percent)	PERCENT DISTRIBUTION			
							Number of farms	Gross income ²	Net income ²	Assets ⁴
1975: Less than \$2,500	1,005	3.3	1.1	1.3	72.1	3.4	36.3	3.4	6.4	14.3
\$2,500-\$4,999	329	2.1	1.4	.5	30.0	7.8	11.9	2.2	2.3	6.0
\$5,000-\$9,999	323	3.5	2.8	.9	34.7	6.7	11.7	3.6	4.2	6.9
\$10,000-\$19,999	328	6.3	5.6	1.7	48.5	10.0	11.9	6.5	8.1	9.6
\$20,000-\$39,999	324	11.7	10.9	3.3	71.0	15.1	11.7	12.1	15.7	14.1
\$40,000-\$99,999	316	23.7	22.8	6.3	117.2	19.0	11.4	24.5	29.7	23.3
\$100,000-\$199,999	94	15.0	14.7	3.5	60.3	27.3	3.4	15.5	16.8	12.0
\$200,000 or more	48	31.3	31.0	3.6	69.9	29.9	1.7	32.2	16.8	13.9
1978: Less than \$2,500	634	3.0	.9	1.1	63.6	6.8	26.0	2.4	4.2	8.6
\$2,500-\$4,999	330	2.6	1.5	.6	41.6	6.6	13.5	2.0	2.5	5.6
\$5,000-\$9,999	317	3.9	2.8	1.1	46.6	8.6	13.0	3.0	4.0	6.3
\$10,000-\$19,999	297	6.1	5.1	1.7	60.3	12.9	12.2	4.8	6.6	8.2
\$20,000-\$39,999	294	11.1	10.0	3.4	88.0	16.5	12.1	8.8	13.0	11.9
\$40,000-\$99,999	348	27.0	25.5	7.4	173.7	20.2	14.3	21.3	28.7	23.6
\$100,000-\$199,999	138	22.1	21.3	5.2	118.2	18.6	5.7	17.4	20.2	16.0
\$200,000 or more	78	51.2	50.6	5.4	144.9	19.8	3.2	40.3	20.8	19.6
1979: Less than \$2,500	534	2.7	.6	1.0	57.8	5.9	22.0	1.8	3.5	6.6
\$2,500-\$4,999	348	2.8	1.5	.6	47.7	6.2	14.3	1.9	2.4	5.5
\$5,000-\$9,999	330	3.9	2.6	1.0	52.6	7.4	13.6	2.7	3.5	6.0
\$10,000-\$19,999	289	5.5	4.3	1.5	63.5	10.8	11.9	3.7	5.3	7.3
\$20,000-\$39,999	284	9.6	8.4	2.7	81.7	13.4	11.7	6.6	10.0	10.5
\$40,000-\$99,999	377	28.2	28.1	7.4	202.9	17.6	15.9	19.2	26.9	23.2
\$100,000-\$199,999	169	26.9	25.8	6.2	155.3	17.1	6.9	18.4	22.7	17.9
\$200,000 or more	98	66.9	66.0	7.0	200.5	22.0	4.1	45.7	25.7	23.0
1980: Less than \$2,500	509	2.8	.6	.9	61.4	5.1	21.0	1.8	4.3	6.1
\$2,500-\$4,999	352	3.0	1.5	.6	54.4	6.1	14.5	2.0	2.5	5.4
\$5,000-\$9,999	332	4.0	2.6	.8	59.4	6.6	13.7	2.6	3.8	5.9
\$10,000-\$19,999	288	5.4	4.2	1.2	70.6	8.7	11.8	3.6	5.7	7.0
\$20,000-\$39,999	282	9.5	8.1	2.3	101.4	10.2	11.6	6.2	10.7	10.1
\$40,000-\$99,999	383	28.7	26.4	6.4	231.0	16.8	15.8	18.8	29.2	23.0
\$100,000-\$199,999	177	28.3	26.9	5.4	184.9	18.1	7.3	18.6	24.6	18.4
\$200,000 or more	105	70.8	69.7	4.2	241.3	24.5	4.3	46.4	19.2	24.0

¹ 1975 based on 1969 census definition; beginning 1978, based on 1974 census definition. See text, pp. 655 and 656.² Data are before inventory adjustment. ³ Includes government payments and other farm income. ⁴ Data as of January 1.Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics, 1980*, September 1981.

NO. 1194. GOVERNMENT PAYMENTS TO FARMS BY PROGRAM, AND BY VALUE OF FARM SALES: 1960 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series K 326-329]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Total ¹	Mil. dol.	702	2,463	3,717	531	807	734	1,819	3,030	1,375	1,286
Feed grain	Mil. dol.	-	1,391	1,504	101	279	196	187	1,172	494	382
Wheat	Mil. dol.	-	525	871	70	77	135	887	963	114	211
Cotton	Mil. dol.	-	70	919	42	138	108	89	127	185	172
Conservation	Mil. dol.	223	224	208	192	181	195	197	194	179	198
Soil Bank	Mil. dol.	370	160	2	-	-	-	-	-	-	-
Sugar Act	Mil. dol.	59	75	88	78	61	-	65	-	-	-
Wool	Mil. dol.	51	18	49	(z)	-	-	-	-	-	-
Payments to farms with sales of:											
Less than \$2,500	Mil. dol.	100	288	276	34	37	25	61	83	29	25
\$2,500-\$4,999	Mil. dol.	81	208	257	35	44	32	81	131	58	54
\$5,000-\$9,999	Mil. dol.	144	396	408	42	60	48	120	192	84	78
\$10,000-\$19,999	Mil. dol.	159	627	684	65	94	75	182	276	113	103
\$20,000-\$39,999	Mil. dol.	111	487	842	93	175	168	398	600	244	222
\$40,000-\$99,999	Mil. dol.	77	310	722	128	233	245	592	984	448	418
\$100,000 to \$199,999	Mil. dol.	-	-	269	58	89	92	246	474	244	235
\$200,000 and over	Mil. dol.	30	147	259	78	75	49	139	280	155	151
Avg. payment per farm ²	Dollar	177	734	1,260	190	292	268	740	1,244	587	530
Farms with sales of—											
Less than \$2,500	Dollar	54	194	235	34	37	26	83	131	54	49
\$2,500-\$4,999	Dollar	131	451	608	107	134	102	256	397	167	153
\$5,000-\$9,999	Dollar	218	780	1,015	130	186	154	390	606	255	235
\$10,000-\$19,999	Dollar	320	1,351	1,754	198	284	235	597	929	391	356
\$20,000-\$39,999	Dollar	489	1,738	2,583	284	637	520	1,314	2,041	859	787
\$40,000-\$99,999	Dollar	856	2,480	4,056	387	737	725	1,821	2,828	1,188	1,091
\$100,000 to \$199,999	Dollar	-	-	6,897	560	947	893	2,216	3,435	1,444	1,327
\$200,000 and over	Dollar	1,304	4,083	14,389	1,560	1,682	942	2,396	3,718	1,566	1,438

¹ Represents zero. ² Z Less than \$500,000. ³ Data by type of program include cropland adjustment beginning 1970, and miscellaneous programs beginning 1974, not shown separately. ⁴ 1960-1976 based on 1969 census definition; beginning 1977 based on 1974 census definition.Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics*, annual.

No. 1195. INCOME PER FARM, BY VALUE OF SALES: 1975 TO 1980

[In thousands of dollars. Net income data are before inventory adjustment. See also footnote 1, table 1193]

VALUE OF SALES	1975			1976			1977			1980		
	Total	Off-farm	Net	Total	Off-farm	Net	Total	Off-farm	Net	Total	Off-farm	Net
Total, all farms	17.5	9.9	7.6	22.1	11.5	10.6	25.0	13.7	11.3	23.8	14.8	9.0
Less than \$2,500.....	14.2	12.9	1.3	17.0	15.3	1.7	20.4	18.6	1.8	22.0	20.2	1.8
\$2,500-\$4,999.....	13.7	12.2	1.5	17.1	15.2	1.9	20.3	18.5	1.8	21.8	20.2	1.6
\$5,000-\$9,999.....	12.9	10.2	2.7	15.9	12.7	3.2	18.3	15.4	2.9	19.3	16.8	2.5
\$10,000 to \$19,999.....	13.1	7.8	5.2	15.8	9.8	5.8	16.8	11.8	5.0	17.1	12.8	4.3
\$20,000 to \$39,999.....	16.1	5.8	10.3	18.6	7.2	11.4	18.3	8.6	9.7	17.7	9.4	8.3
\$40,000 to \$99,999.....	24.8	5.0	19.8	27.5	6.2	21.3	26.8	7.3	19.5	24.6	7.9	16.7
\$100,000 or more.....	57.9	8.1	49.8	59.2	10.0	49.2	61.0	11.7	49.3	48.9	12.9	34.0

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics, 1980*, September 1981.

No. 1196. INDEXES OF PRICES RECEIVED AND PAID BY FARMERS: 1960 TO 1980

[1967=100, except as noted. See also *Historical Statistics, Colonial Times to 1970*, series K 344-353]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, prel.
Prices received, all products	95	98	110	125	179	192	185	186	183	211	241	246
Crops.....	99	103	100	114	175	224	201	197	192	205	223	241
Livestock and products.....	92	94	118	136	183	165	172	177	175	217	257	251
Prices paid, total ¹	88	94	112	125	144	164	180	192	203	220	250	281
Living, CPI ²	90	95	116	125	133	148	161	171	182	194	215	245
Production.....	92	96	108	121	146	166	182	193	200	217	249	276
Interest payable per acre.....	45	79	137	164	194	234	273	312	358	422	515	640
Taxes payable per acre.....	69	87	129	142	145	154	165	178	190	189	203	216
Wage rates ³	74	86	128	142	155	178	192	210	226	242	265	287
Parity ratio (1910-14=100) ⁴	80	76	72	74	91	86	76	71	66	70	71	64

¹ Includes interest, taxes and wage rates. ² U.S. Bureau of Labor Statistics Consumer Price Index, see text, pp. 457 and 458. ³ Straight average of seasonally adjusted quarterly indexes. ⁴ Ratio of prices received by farmers to prices paid.Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Agricultural Prices: Annual Summary*.

No. 1197. FARM INCOME—CASH RECEIPTS FROM FARM MARKETINGS: 1965 TO 1980

[Represents gross receipts from commercial market sales as well as net Commodity Credit Corporation loans. See also *Historical Statistics, Colonial Times to 1970*, series K 286-302]

ITEM	TOTAL MARKET SALES (mil. dol.)								PERCENT			
	1965	1970	1975	1976	1977	1978	1979	1980	1965	1970	1975	1980
Farm marketings	39,365	50,539	88,209	94,780	96,289	112,924	131,916	136,431	100.0	100.0	100.0	100.0
All crops.....	17,479	20,976	45,150	48,688	48,650	53,711	63,394	69,026	44.4	41.5	51.2	50.6
Cotton lint, seed.....	2,330	1,254	2,311	3,477	3,470	3,465	4,305	4,476	5.9	2.5	2.6	3.3
Tobacco.....	1,186	1,388	2,155	2,310	2,331	2,606	2,271	2,672	3.0	2.7	2.4	2.0
Food grains.....	2,042	2,542	7,760	6,896	6,055	5,839	9,048	10,531	5.2	5.0	8.8	7.7
Oilbearing crops.....	2,173	3,590	7,273	9,406	9,722	13,023	14,359	14,540	5.5	7.1	8.2	10.7
Feed crops.....	3,693	5,109	12,150	13,075	11,906	11,427	14,023	16,794	9.4	10.1	13.8	12.3
Vegetables ¹	2,618	2,814	5,350	5,242	5,638	5,941	6,647	6,817	6.7	5.6	6.1	5.0
Fruits, tree nuts ²	1,650	2,070	3,525	3,646	4,613	5,764	6,443	6,472	4.2	4.1	4.0	4.7
Other ³	1,787	2,209	4,626	4,616	4,915	5,645	6,298	6,724	4.5	4.4	5.2	4.9
All livestock and products.....	21,886	29,563	43,059	46,112	47,639	59,213	68,522	67,405	55.6	58.5	48.8	49.4
Hogs.....	3,607	4,508	7,883	7,261	7,281	8,753	9,027	8,820	9.2	8.9	8.9	6.5
Cattle and calves.....	8,942	13,633	17,524	19,302	20,225	28,248	34,399	31,173	22.7	27.0	19.9	22.8
Sheep and lambs.....	329	334	365	392	386	453	474	471	.8	.7	.4	.3
Wool.....	95	57	54	73	77	76	91	93	.2	.1	.1	.1
Dairy products.....	5,038	6,525	9,922	11,428	11,752	12,690	14,659	16,598	12.8	12.9	11.2	12.2
Eggs.....	1,785	2,110	2,814	3,136	2,918	2,953	3,317	3,248	4.5	4.2	3.2	2.4
Poultry and farm products.....	1,304	1,564	3,063	3,058	3,239	3,851	4,189	4,431	3.3	3.1	3.5	3.3
Turkeys, other poultry ⁴	494	576	934	989	1,059	1,326	1,400	1,458	1.3	1.1	1.1	1.1
Other ⁴	292	258	480	493	701	862	966	1,013	.7	.5	.5	.7

¹ Melons included with vegetables. ² Sugar crops, greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broom-corn, popcorn, hemp fiber and seed, and flax fiber. ³ Ducks, geese, guineas, pigeons, quail, pheasants, and turkey hatching eggs. ⁴ Mohair, honey, beeswax, bees, goats, rabbits, and fur animals.Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics*, annual.

NO. 1198. FARM INCOME—FARM MARKETINGS, 1975 TO 1980, AND PRINCIPAL COMMODITIES IN ORDER OF MARKETING RECEIPTS, 1980, BY STATES

[In millions of dollars. Cattle include calves; sheep include lambs; and greenhouse includes nursery. See table 1191]

STATE	1975	1978	1979	1980, prel.			State rank for total farm marketings and principal commodities in order of marketing receipts, 1980	
				Farm marketings		Gov- ernment pay- ments		
				Total	Crops			Livestock and products
U.S.	88,209	112,924	131,917	136,431	69,026	67,405	1,285.7	Cattle, dairy prod., soybeans, corn.
N.E.	1,105	1,375	1,495	1,539	503	1,036	7.2	
Maine	366	408	445	425	125	300	3.4	41—Eggs, dairy prod., potatoes, broilers.
N.H.	73	91	97	98	26	72	.7	48—Dairy prod., eggs, cattle, greenhouse.
Vt.	226	312	356	378	26	353	1.3	42—Dairy prod., cattle, eggs, apples.
Mass.	201	280	300	309	183	126	.7	44—Greenhouse, dairy prod., cranberries, eggs.
R.I.	27	29	31	33	19	13	.1	49—Greenhouse, dairy prod., eggs, potatoes.
Conn.	212	255	266	296	124	172	.9	45—Dairy prod., eggs, greenhouse, tobacco.
M.A.	3,490	4,460	5,101	5,516	1,770	3,746	15.0	
N.Y.	1,563	1,913	2,190	2,418	714	1,704	5.8	23—Dairy prod., cattle, apples, corn.
N.J.	326	399	415	432	309	122	.9	40—Greenhouse, dairy prod., peas, soybeans.
Pa.	1,601	2,148	2,496	2,666	747	1,920	8.3	21—Dairy prod., cattle, corn, mushrooms.
E.N.C.	14,993	18,849	20,994	23,542	13,349	10,192	83.2	
Ohio	2,552	3,087	3,366	3,737	2,381	1,356	9.4	12—Soybeans, corn, dairy prod., cattle.
Ind.	2,940	3,456	3,980	4,508	2,846	1,662	15.0	9—Corn, soybeans, hogs, cattle.
Ill.	5,193	6,557	6,988	7,891	5,579	2,312	35.7	4—Corn, soybeans, hogs, cattle.
Mich.	1,648	2,056	2,362	2,694	1,575	1,119	10.7	18—Dairy prod., corn, cattle, soybeans.
Wis.	2,660	3,712	4,298	4,712	968	3,743	12.4	8—Dairy prod., cattle, corn, hogs.
W.N.C.	23,734	29,810	35,959	37,331	16,855	20,475	551.1	
Minn.	3,810	4,934	5,547	6,292	2,988	3,304	69.6	5—Dairy prod., cattle, soybeans, corn.
Iowa	6,487	8,549	9,259	10,040	4,553	5,487	44.6	2—Cattle, corn, hogs, soybeans.
Mo.	2,636	3,488	4,262	4,105	1,924	2,181	78.9	10—Soybeans, cattle, hogs, dairy prod.
N. Dak.	1,831	1,870	2,340	2,386	1,605	781	116.6	24—Wheat, cattle, sunflower, dairy prod.
S. Dak.	1,798	2,074	2,325	2,546	756	1,790	65.3	22—Cattle, hogs, wheat, dairy prod.
Nebr.	3,859	4,683	5,918	6,075	2,504	3,570	82.9	6—Cattle, corn, hogs, wheat.
Kans.	3,313	4,212	6,308	5,887	2,525	3,362	93.3	7—Cattle, wheat, corn, sorghum grain.
S.A.	10,149	12,723	14,106	14,103	7,820	6,281	82.9	
Del.	288	321	361	333	97	237	1.0	43—Broilers, soybeans, corn, dairy prod.
Md.	675	798	899	903	288	615	3.5	36—Broilers, dairy prod., corn, soybeans.
Va.	989	1,241	1,353	1,459	510	949	13.3	32—Cattle, dairy prod., tobacco, broilers.
W. Va.	138	190	233	237	64	172	2.5	46—Cattle, dairy prod., apples, broilers.
N.C.	2,638	3,163	3,405	3,621	2,185	1,436	13.2	13—Tobacco, broilers, hogs, soybeans.
S.C.	807	947	1,051	1,069	655	413	13.4	35—Soybeans, tobacco, cattle, eggs.
Ga.	2,143	2,626	2,944	2,677	1,173	1,503	28.9	20—Broilers, eggs, soybeans, peanuts.
Fla.	2,491	3,438	3,860	3,804	2,648	956	7.0	11—Oranges, cattle, dairy prod., grapefruit.
E.S.C.	5,216	7,895	8,287	8,395	4,133	4,263	71.2	
Ky.	1,441	2,364	2,257	2,677	1,332	1,345	10.8	19—Tobacco, cattle, horses and other livestock, soybeans.
Tenn.	1,117	1,597	1,797	1,737	852	885	18.7	28—Soybeans, cattle, dairy prod., tobacco.
Ala.	1,339	1,879	2,094	1,836	696	1,141	23.0	27—Broilers, soybeans, cattle, eggs.
Miss.	1,319	2,055	2,139	2,145	1,253	892	18.8	25—Soybeans, cotton lint, broilers, cattle.
W.S.C.	10,958	14,400	18,163	16,826	7,576	9,250	320.5	
Ark.	2,137	2,966	3,083	2,988	1,531	1,457	34.5	16—Soybeans, broilers, rice, cattle.
La.	1,115	1,469	1,668	1,653	1,195	458	19.2	30—Soybeans, rice, cotton lint, cattle.
Okl.	1,870	2,320	3,335	3,231	1,084	2,147	34.9	14—Cattle, wheat, dairy prod., cotton lint.
Tex.	5,836	7,644	10,077	8,954	3,766	5,188	231.8	3—Cattle, cotton lint, dairy prod., wheat.
Mt.	6,812	9,053	10,771	10,872	4,329	6,544	124.1	
Mont.	1,009	1,218	1,400	1,407	660	747	58.5	33—Cattle, wheat, barley, dairy prod.
Idaho	1,269	1,506	1,852	2,007	1,158	852	7.9	26—Cattle, wheat, potatoes, dairy prod.
Wyo.	374	551	721	651	128	524	7.3	37—Cattle, sugar beets, wheat, sheep.
Colo.	1,919	2,643	3,207	3,185	965	2,220	18.0	15—Cattle, wheat, corn, dairy prod.
N. Mex.	726	973	1,129	1,145	269	876	20.9	34—Cattle, dairy prod., hay, wheat.
Ariz.	1,048	1,531	1,742	1,720	938	783	5.1	29—Cattle, cotton lint, dairy prod., hay.
Utah	330	453	500	524	140	384	5.1	38—Cattle, dairy prod., hay, wheat.
Nev.	137	179	220	233	75	158	1.3	47—Cattle, hay, dairy prod., potatoes.
Pac.	11,752	14,359	17,041	18,307	12,687	5,618	30.4	
Wash.	1,828	2,159	2,172	2,705	1,658	847	9.5	17—Wheat, dairy prod., cattle, apples.
Oreg.	1,039	1,211	1,564	1,612	1,074	537	5.9	31—Wheat, cattle, dairy prod., greenhouse.
Calif.	8,497	10,596	12,870	13,539	9,390	4,149	14.1	1—Dairy prod., cattle, cotton lint, grapes.
Alaska	10	11	12	12	7	4	.2	50—Greenhouse, dairy prod., potatoes, hay.
Hawaii	378	381	423	439	358	81	.7	39—Sugarcane, pineapples, cattle, dairy prod.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: State Income and Balance Sheet Statistics*, annual.

NO. 1199. COMMODITY CREDIT CORPORATION—SUMMARY: 1960 TO 1980

[In millions of dollars. Through 1976, as of or for years ending June 30; beginning 1977, as of or for years ending Sept. 30. The Commodity Credit Corporation (CCC) is a wholly government-owned corporation established by Congress in 1933. Its purpose is stabilizing, supporting, and protecting farm income and prices; assisting in maintenance of balanced adequate supplies of agricultural commodities; and facilitating orderly distribution of agricultural commodities. See also *Historical Statistics, Colonial Times to 1970*, series K 330-343]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Loans made.....	1,507	2,144	2,388	2,801	1,580	1,258	852	1,131	3,621	6,385	4,576	4,228
Loans outstanding ¹	1,347	2,534	2,852	2,474	1,418	720	335	637	3,245	5,030	5,210	5,119
Wheat.....	163	136	576	436	77	10	4	24	1,814	1,318	816	837
Corn.....	646	616	632	856	451	115	39	61	239	1,280	1,301	1,617
Cotton.....	9	775	170	23	26	34	143	24	13	153	80	36
Tobacco.....	417	826	845	672	481	250	119	353	652	751	903	815
Storage facilities, equipment ²	45	40	164	197	274	271	199	157	236	799	1,324	1,470
Cost of acquisitions ^{1,3}	4,020	2,005	1,518	947	578	402	835	657	997	911	1,007	2,759
Wheat.....	371	169	217	81	58	130	4	14	72	135	40	601
Corn.....	361	140	49	89	43	6	2	5	2	31	195	416
Cotton.....	2,507	952	304	2	(2)	(2)	(2)	(2)	(2)	(2)	(2)	1
Dairy products.....	223	325	253	385	160	55	480	115	721	445	247	1,282
Wheat flour and products.....	79	124	109	106	140	177	123	80	89	112	149	124
Vegetable oil products.....	-	16	28	90	58	67	44	(2)	24	50	117	136
Commodities owned ^{1,3}	6,021	3,892	1,858	1,090	479	114	416	659	985	1,029	1,162	2,737
Wheat.....	2,452	1,297	405	488	194	26	2	(2)	23	119	118	705
Corn.....	1,700	595	293	172	99	11	(2)	1	(2)	27	209	596
Cotton.....	880	1,123	225	5	1	-	(2)	-	(2)	(2)	(2)	1
Dairy products.....	107	137	134	131	65	25	290	259	703	751	570	1,266
Sorghum.....	731	648	173	45	14	2	(2)	(2)	(2)	28	92	93
Sales and donations, cost ³	3,234	2,458	902	1,065	1,190	766	530	457	640	895	901	1,216
Other expenses ³	529	393	289	189	131	34	34	35	49	62	100	224

- Represents zero. Z Less than \$500,000. ¹Includes amounts for commodities not shown separately. ²Loans for purchase, construction, erection or installation of storage and drying equipment. ³Data comparable for 1960-1970; price support commodities only. Thereafter, includes Commodity Export and Special Activities programs. ⁴Value of commodities purchased and acquired as collateral from loans.

Source: U.S. Agricultural Stabilization and Conservation Service, *Commodity Credit Corporation Report of Financial Condition and Operations*, annual.

NO. 1200. FARMER MARKETING AND FARM SUPPLY COOPERATIVES—SUMMARY: 1960 TO 1979

[1960-1977, for fiscal years of cooperatives ending between July 1 of preceding year and June 30 of year shown. Beginning 1978, reports of cooperatives are for the calendar year. Memberships and business are estimated. Comprises independent local associations, federations, large-scale centralized associations, and sales agencies. See also *Historical Statistics, Colonial Times to 1970*, series K 195-203]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978, est.	1979, prel.
Cooperatives listed.....	9,345	8,583	7,790	7,854	7,755	7,645	7,535	6,736	6,600	6,445
Marketing ¹	6,048	5,498	5,015	5,053	4,977	4,816	4,804	4,143	4,050	3,938
Farm supply.....	3,297	3,085	2,775	2,801	2,778	2,729	2,731	2,593	2,550	2,507
Memberships ² (1,000).....	7,273	7,082	6,355	6,128	6,106	6,123	5,806	5,758	5,595	5,627
Marketing ¹ (1,000).....	3,673	3,831	3,133	3,140	3,133	3,151	2,850	2,692	2,632	2,567
Farm supply (1,000).....	3,600	3,251	3,222	2,988	2,973	2,972	3,056	3,066	3,063	3,060
Business ³ (mil. dol.).....	12,036	14,742	19,080	25,991	35,366	41,342	40,104	43,584	47,305	56,268
Marketing ¹ (mil. dol.).....	9,628	11,832	15,207	20,076	27,602	32,682	30,692	33,027	36,253	42,747
Farm supply (mil. dol.).....	2,408	2,910	3,873	5,915	7,764	8,660	9,412	10,557	11,052	13,521

SELECTED PRODUCTS OR SUPPLIES

	COOPERATIVES HANDLING				BUSINESS ³ (mil. dol.)					
	1965	1970	1978, est.	1979, prel.	1965	1970	1975	1978, est.	1979, prel.	
Products marketed:										
Grain, soybeans.....	2,596	2,539	2,470	2,488	2,465	3,006	12,744	13,086	14,948	
Dairy products.....	1,346	971	530	495	3,770	5,126	8,376	9,828	11,592	
Fruits and vegetables.....	592	499	415	405	1,232	1,776	2,730	3,378	3,925	
Livestock and livestock products.....	479	546	465	449	1,433	2,154	2,814	3,743	5,141	
Sugar products.....	67	66	55	46	530	634	2,065	1,173	1,209	
Cotton and cotton products.....	581	554	485	473	830	434	935	1,067	1,436	
Supplies purchased:										
Feed.....	4,363	4,214	3,810	3,798	1,035	1,279	2,587	2,865	3,189	
Fertilizer.....	4,409	4,294	3,940	3,972	507	657	1,913	2,518	2,755	
Petroleum products.....	2,773	2,774	3,045	3,062	643	864	1,675	2,674	3,827	
Farm chemicals.....	3,329	3,721	3,785	3,877	82	165	502	650	948	
Seed.....	3,962	4,007	3,740	3,805	121	142	337	408	456	

¹ Includes cooperatives whose major activity is providing services related to marketing and farm-supply activities. ² Excludes nonvoting patrons. ³ Value of commodities sold or purchased for patrons. Business dollar volume for marketing includes service receipts for charges related to marketing and purchasing. Represents net volume after eliminating intercooperative business.

Source: U.S. Dept. of Agriculture, Agricultural Cooperative Service, *Farmer Cooperative Statistics*, annual.

No. 1201. FOOD MANUFACTURING INDUSTRY—SUMMARY: 1970 TO 1980

[Covers manufacturers of food and kindred products (Standard Industrial Classification Code 20); based on various editions of the Standard Industrial Classification Manual, see text, p. 376]

ITEM	Unit	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total employees ¹	1,000.....	1,786	1,745	1,715	1,707	1,658	1,689	1,711	1,724	1,733	1,711
Production workers	1,000.....	1,207	1,192	1,167	1,164	1,120	1,145	1,161	1,174	1,191	1,175
Avg. hourly earnings, prod. workers	Dollars	3.16	3.60	3.85	4.19	4.61	4.98	5.37	5.80	6.27	6.66
Salaries and wages.....	Bil. dol.	11.7	12.9	13.7	14.8	15.9	17.3	18.5	20.3	(NA)	(NA)
Supplemental labor cost ²	Bil. dol.	(NA)	1.8	(NA)	(NA)	2.6	3.0	3.6	4.1	(NA)	(NA)
Value added by manufacture ³	Bil. dol.	32.3	35.6	39.7	44.9	48.1	52.8	56.1	62.9	(NA)	(NA)
Cost of materials.....	Bil. dol.	66.5	79.8	97.4	116.3	123.8	128.6	137.0	154.0	(NA)	(NA)
Value of shipments ⁴	Bil. dol.	98.5	115.1	135.6	162.1	172.2	180.9	192.9	216.1	(NA)	(NA)
Total assets.....	Bil. dol.	23.8	26.7	28.4	30.1	33.0	35.1	38.4	41.7	(NA)	(NA)
Capital expenditures, new ⁵	Bil. dol.	2.1	2.4	2.4	3.0	3.4	3.8	4.2	4.8	(NA)	(NA)
Funds for research and development ⁶	Mil. dol.	230	259	269	298	335	353	395	429	475	(NA)
Corporate profits before taxes ⁷	Bil. dol.	4.8	5.5	6.8	7.9	8.8	9.7	9.2	10.2	11.5	13.0
Corporate profits after taxes ⁷	Bil. dol.	2.6	3.0	3.8	4.6	5.2	5.8	5.6	6.2	7.3	8.2
Ratio of profits to stockholders' equity.....	Percent	10.8	11.1	12.8	13.8	14.4	14.9	13.3	13.8	14.7	14.7
Profits per dollar of sales.....	Cents	2.5	2.5	2.6	2.9	3.2	3.5	3.1	3.2	3.3	3.4

NA Not available. ¹ See headnote, table 669. Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

² Employers' expenses for legally required labor supplements (e.g., Social Security) and for voluntary programs (e.g., pension funds). ³ See footnote 6, table 1405. ⁴ See footnote 7, table 1405. ⁵ Includes expenditures for plants in operation and plants under construction but not yet in operation. ⁶ Source: U.S. National Science Foundation, *Research and Development in Industry*, annual. ⁷ Source: U.S. Federal Trade Commission, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations*. Data are not necessarily comparable from year to year due to change in accounting procedures, industry classifications, sampling procedures, etc.; for detail, see source.

Source: Except as noted, U.S. Bureau of the Census, *Census of Manufactures, 1972 and 1977, General Summary*; and *Annual Survey of Manufactures*.

No. 1202. U.S. TOTAL FOOD AND ALCOHOLIC BEVERAGE EXPENDITURES, BY TYPE OF USE AND TYPE OF SELLER: 1960 TO 1980

[Covers all food and alcohol purchased by civilians and military, including business and institutions. Based on sales of food by different types of seller. Data are primarily based on current sales figures from the *Monthly Retail Trade Report* and *Monthly Selected Services Receipts* of the U.S. Bureau of the Census. For further detail, see source]

TYPE OF USE AND SELLER	EXPENDITURES (bil. dol.)									PERCENT		
	1960	1965	1970	1975	1976	1977	1978	1979	1980 ¹	1960	1970	1980 ¹
Total food expenditures	72.6	86.1	117.2	187.3	203.0	218.8	241.7	270.0	296.8	100.0	100.0	100.0
Food for off-premise use.....	53.5	60.6	78.3	121.8	129.4	137.6	151.4	168.9	186.8	73.7	66.8	62.9
Sales, total.....	49.7	57.0	73.7	114.9	121.9	129.7	142.8	159.2	176.6	68.5	62.9	59.5
Food stores ²	42.1	49.1	65.5	104.1	110.5	117.6	129.7	145.0	161.3	58.0	55.9	54.1
Other stores ³	2.2	2.3	2.4	4.1	4.7	5.5	6.1	6.8	7.6	3.0	2.1	2.6
Farmers, manufacturers, wholesalers.....	1.6	1.6	1.8	2.4	2.6	2.7	3.0	3.4	3.7	2.2	1.5	1.2
Commissary stores, exchanges.....	.6	1.0	1.4	2.2	2.2	2.2	2.4	2.5	2.6	.8	1.2	.9
Home delivered ⁴	3.3	3.0	2.6	2.0	1.9	1.7	1.6	1.5	1.4	4.5	2.2	.5
Home production, donations.....	3.8	3.6	4.6	7.0	7.5	7.9	8.6	9.7	10.2	5.2	3.9	3.4
Meals and snacks.....	19.1	25.5	38.9	65.5	73.6	81.2	90.3	101.1	110.0	26.3	33.2	37.1
Eating and drinking places ⁵	10.5	14.4	22.6	40.5	46.4	51.9	58.1	65.3	71.0	14.5	19.3	23.9
Schools and colleges ⁶	2.1	3.1	4.5	7.1	7.9	8.4	9.0	10.0	10.8	2.9	3.8	3.6
Retail stores direct selling ⁷	1.7	2.2	3.3	5.1	5.5	5.9	6.3	6.9	7.5	2.3	2.8	2.5
Hotels and motels ⁸	1.0	1.4	1.9	3.2	3.7	4.0	4.8	5.6	6.0	1.4	1.6	2.0
Recreational places ⁹	.4	.5	.7	1.2	1.2	1.4	1.5	1.7	1.9	.6	.6	.6
Other.....	3.3	3.9	5.9	8.4	8.9	9.6	10.6	11.6	12.8	4.5	5.0	4.3
Total alcoholic beverage sales	12.9	15.6	21.9	32.0	34.4	36.8	40.4	44.9	49.2	100.0	100.0	100.0
Off-premise use.....	7.2	9.0	12.9	19.4	21.0	22.2	23.8	26.6	29.2	55.8	58.9	59.3
Liquor stores.....	4.1	5.5	7.7	11.1	11.6	12.2	12.9	14.4	15.6	31.8	35.1	31.7
Food stores.....	2.4	2.9	4.2	6.7	7.6	8.0	8.7	9.8	10.9	18.6	19.2	22.2
Other.....	.7	.8	1.0	1.6	1.8	2.0	2.1	2.4	2.6	5.4	4.6	5.3
On-premise use.....	5.7	6.6	9.0	12.6	13.4	14.6	16.6	18.3	20.0	44.2	41.1	40.7
Eating and drinking places ⁵	5.0	5.7	7.7	10.4	11.0	11.9	13.4	14.7	16.1	38.8	35.2	32.7
Hotels and motels ⁸	.4	.5	.8	1.3	1.5	1.7	2.0	2.3	2.5	3.1	3.6	5.1
Other.....	.3	.4	.6	.9	.9	1.0	1.2	1.3	1.4	2.3	2.3	2.9

¹ Preliminary. ² Excludes sales to restaurants and institutions. ³ Includes eating and drinking establishments and trailer parks. ⁴ Includes mail order. ⁵ Includes tips. ⁶ Includes school food subsidies. ⁷ Includes vending machine operators.

⁸ Motion picture theaters, sports arenas, camps, golf and country clubs, etc.

Source: U.S. Dept. of Agriculture, Economic Research Service, *U.S. Food Expenditures* (Agricultural Economic Report No. 431), 1981.

No. 1203. CIVILIAN CONSUMER EXPENDITURES FOR FARM FOODS—FARM VALUE AND MARKETING BILL: 1960 TO 1980

[In billions of dollars, except percent. Excludes imported and nonfarm foods, such as coffee and seafood, as well as food consumed by the military, or exported. See *Historical Statistics, Colonial Times to 1970*, series K 358-360 for data before revisions]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, prel.
Consumer expenditures, total	66.9	81.1	109.9	138.8	154.6	169.0	183.7	192.3	214.3	237.9	250.1
Farm value, total.....	22.3	27.1	35.2	51.7	56.4	55.6	58.3	58.0	69.4	78.0	81.4
Marketing bill, total ¹	44.6	54.0	74.7	87.1	98.2	113.4	125.4	134.3	144.9	159.9	178.6
Percent of total consumer expenditures.....	66.7	66.6	68.0	62.8	63.5	67.1	68.3	69.8	67.6	67.2	68.7
At-home expenditures ²	50.0	60.5	77.6	98.5	109.5	116.7	126.6	130.7	149.8	167.5	181.7
Farm value.....	18.7	22.6	28.9	42.4	45.9	43.8	47.7	47.3	56.6	64.1	66.7
Marketing bill ¹	31.3	37.9	48.7	56.1	63.6	72.9	78.9	83.4	93.2	103.3	115.0
Percent of at-home expenditures.....	62.6	62.6	62.8	57.0	58.1	62.5	62.3	63.8	62.2	61.7	63.3
Away-from-home expenditures	16.9	20.6	32.3	40.3	45.1	52.3	57.1	61.6	64.5	70.5	78.3
Farm value.....	3.7	4.5	6.3	9.3	10.6	11.8	10.6	10.7	12.8	13.9	14.8
Marketing bill ¹	13.2	16.1	26.0	31.0	34.5	40.5	46.5	50.9	51.7	56.6	63.4
Percent of away-from-home expenditures.....	78.1	78.2	80.5	76.9	76.5	77.4	81.4	82.6	80.2	80.3	81.0
Marketing bill cost components:											
Labor cost ³	19.7	23.3	32.2	39.7	44.3	48.7	53.7	58.4	65.3	71.6	79.1
Packaging materials.....	5.4	6.2	9.1	9.4	11.8	13.5	14.6	15.2	16.3	18.3	20.9
Rail and truck transport ⁴	4.1	4.2	5.2	6.4	7.5	8.5	9.1	9.8	10.3	11.7	13.9
Corporate profits before taxes.....	2.1	3.0	3.6	5.4	6.1	7.5	7.6	8.0	9.0	9.9	11.0
Other ⁵	13.3	17.3	24.6	26.2	28.5	35.2	40.4	42.9	44.0	48.4	53.7
Processing.....	15.1	16.8	22.1	33.9	36.4	41.5	47.1	51.6	55.8	61.1	71.9
Wholesaling.....	5.5	6.6	9.6	10.2	11.9	13.6	14.4	14.7	12.3	11.9	13.9
Transportation.....	4.1	4.3	5.2	6.4	7.5	8.5	9.1	9.8	14.9	18.8	20.2
Retailing.....	19.9	28.3	38.9	36.7	42.4	49.9	54.7	58.1	61.9	68.1	72.7
SELECTED FOOD COMMODITY GROUPS											
Beef: Total expenditures	10.0	13.0	19.9	27.7	28.2	28.7	33.8	34.0	42.3	45.9	50.1
Farm value.....	5.0	6.2	9.5	14.4	13.1	12.8	14.0	14.1	19.1	21.5	22.0
Percent of total.....	50.0	47.7	47.4	52.0	46.5	44.6	41.4	41.5	45.2	46.8	43.9
Marketing bill ¹	5.0	6.8	10.4	13.3	15.1	15.9	19.8	19.8	23.2	24.4	28.1
Pork: Total expenditures	7.2	8.0	12.4	14.6	18.4	16.9	18.7	20.2	21.6	26.1	26.4
Farm value.....	2.7	3.5	4.3	6.4	6.2	7.3	7.1	6.7	8.0	8.3	8.1
Percent of total.....	37.5	43.8	34.7	43.8	37.8	43.2	38.0	33.2	37.0	31.8	30.7
Marketing bill ¹	4.5	4.5	8.1	8.2	10.2	9.6	11.6	13.5	13.6	17.8	18.3
Poultry and eggs:											
Total expenditures.....	5.2	6.2	9.1	12.3	11.9	12.7	13.9	14.3	15.0	17.1	17.8
Farm value.....	2.9	3.1	4.0	6.4	5.8	6.3	6.6	6.6	7.4	8.2	8.3
Percent of total.....	55.9	49.5	44.0	52.0	48.6	49.6	47.5	45.2	49.3	48.0	46.6
Marketing bill ¹	2.3	3.1	5.1	5.9	6.1	6.4	7.3	7.7	7.6	8.9	9.5
Fluid milk and cream:											
Total expenditures.....	7.0	7.4	8.9	10.0	11.2	11.3	12.4	12.7	12.4	13.9	15.2
Farm value.....	2.8	3.0	3.9	4.4	5.1	5.3	5.8	5.6	5.9	6.9	7.3
Percent of total.....	39.4	40.5	43.8	44.0	45.5	46.9	46.8	44.1	47.6	49.6	48.0
Marketing bill ¹	4.3	4.4	5.0	5.6	6.1	6.0	6.6	7.1	6.5	7.0	7.9
Other dairy products:											
Total expenditures.....	5.0	5.6	7.8	9.3	10.7	12.1	14.0	14.7	17.2	18.6	21.5
Farm value.....	1.9	2.1	3.0	3.8	4.3	4.7	5.4	5.4	7.0	7.8	8.8
Percent of total.....	38.0	37.5	38.5	40.9	40.2	38.8	38.6	36.7	40.7	41.9	40.9
Marketing bill ¹	3.1	3.5	4.8	5.5	6.4	7.4	8.6	9.3	10.2	10.8	12.7
Fresh fruits, vegetables:											
Total expenditures.....	7.5	8.7	11.0	14.3	15.1	16.3	17.2	18.9	22.0	24.8	28.6
Farm value.....	2.3	2.7	3.1	4.5	4.3	5.0	5.1	5.0	5.9	6.2	6.9
Percent of total.....	30.7	31.0	28.2	31.5	28.5	30.7	29.7	26.5	26.8	25.0	24.1
Marketing bill ¹	5.2	6.0	7.9	9.8	10.8	11.3	12.1	13.9	16.1	18.6	21.7
Processed fruits, vegetables:											
Total expenditures.....	7.3	9.1	11.6	14.2	17.3	19.3	21.4	22.7	23.2	26.2	28.5
Farm value.....	1.2	1.8	2.0	2.8	4.0	3.4	3.8	3.7	4.3	4.5	4.6
Percent of total.....	16.4	19.8	17.2	19.7	23.1	17.6	17.8	16.3	18.5	17.2	16.1
Marketing bill ¹	6.0	7.3	9.6	11.4	13.3	15.9	17.6	19.0	18.9	21.7	23.9
Bakery, grain mill products:											
Total expenditures.....	9.9	11.2	13.6	17.2	20.6	24.2	24.9	25.9	28.7	31.0	34.4
Farm value.....	1.4	1.9	2.0	3.6	4.9	4.2	3.6	3.2	3.7	4.8	5.0
Percent of total.....	14.5	16.7	14.7	20.9	23.8	17.4	14.5	12.4	12.9	15.5	14.5
Marketing bill ¹	8.0	9.4	11.6	13.6	15.8	19.9	21.3	22.7	25.0	26.2	29.4

¹The difference between civilian expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. ²Farm primarily purchased from retail food stores for use at home. ³Covers employee wages and salaries, and their health and welfare benefits. Also includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration. ⁴Excludes local hauling. ⁵Represents advertising, rents, depreciation, fuel, electric power, interest on borrowed capital, taxes other than income, and other costs.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Developments in Farm to Retail Price Spreads for Food Products in 1980*, AER No. 465, April 1981; *Agricultural Outlook*, periodic; and *Agricultural Statistics*, annual.

**NO. 1204. FOOD PRICES—DISTRIBUTION OF RETAIL PRICE ACCORDING TO FARM VALUE AND
MARKETING FUNCTION: 1978 TO 1980**

[In cents per retail unit indicated. The farm value is the payment to farmers for the quantity of farm products equivalent to the unit sold at retail minus imputed value of byproducts. Because of losses from processing, waste, and spoilage, the farm value represents larger quantities than the retail unit]

FOOD ITEM	Unit	1978		1979		1980						
		Farm value	Retail price	Farm value	Retail price	Farm value	As- sembly and procure- ment	Proc- essing	Inter- city transpor- tation	Whole- saling	Retail- ing ¹	Retail price
Beef, choice.....	Lb.....	111.1	181.9	140.8	226.3	145.0	(²)	6.8	3.7	14.8	67.3	237.6
Pork.....	Lb.....	76.6	143.6	86.6	144.1	83.2	(²)	31.5	3.4	8.9	32.5	139.5
Broilers.....	Lb.....	37.2	66.5	35.7	68.0	38.8	1.4	9.8	1.6	4.4	16.0	72.0
Eggs, grade A.....	Doz.....	49.7	78.5	53.7	85.9	51.0	1.2	12.4	1.8	4.2	13.8	84.4
Milk, sold in stores.....	½ gal.....	47.0	86.1	52.5	96.0	58.1	3.7	16.2	(³)	14.2	12.7	104.9
Butter.....	Lb.....	97.3	149.0	111.6	168.6	125.5	4.2	18.6	3.5	7.2	28.8	187.8
Bread, white.....	Lb.....	5.4	41.7	6.4	46.7	7.5	(NA)	(NA)	(NA)	(NA)	(NA)	50.9
Potatoes, fall.....	10 lb.....	41.4	173.1	40.3	167.3	57.8	(²)	15.5	30.4	10.4	78.3	192.4
Oranges, Calif.....	Lb.....	9.8	36.8	13.2	43.8	7.3	.4	5.8	5.2	2.4	15.5	36.6
Lettuce, Calif.....	Lb.....	*12.0	45.6	*5.9	47.6	*4.4	.3	8.4	8.2	3.0	21.5	45.8
Orange juice, frozen.....	12 oz.....	40.3	83.7	41.2	89.4	35.8	1.4	13.9	4.4	11.5	20.4	87.4
Tomatoes, Calif. ⁵	Lb.....	4.8	37.6	5.1	41.9	4.5	.9	22.3	4.8	1.3	8.4	42.2

NA Not available. ¹ In store costs only. Headquarters and warehousing expenses are included in wholesaling. ² Included in farm value. ³ Included in wholesaling. ⁴ Value in the field. Harvesting and packing, a contract operation, appears as assembly cost. ⁵ Whole tomatoes.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Developments in Farm to Retail Price Spreads for Food Products in 1980*, AER No. 465, April 1981.

NO. 1205. AGRICULTURAL CHEMICALS USED ON FARMS: 1974 AND 1978

[Farms with sales of \$2,500 or more. 1978 data based on sample]

TYPE OF CHEMICAL	1974			1978		
	Farms reporting (1,000)	Acres treated (1,000)	Cost (mil. dol.)	Farms reporting (1,000)	Acres treated (1,000)	Cost (mil. dol.)
Total.....	1,363	(x)	6,769	1,568	(x)	9,144
Commercial fertilizer.....	1,279	184,643	5,028	1,427	224,166	6,275
Lime.....	145	8,240	104	301	16,067	
Chemicals for—						
Defoliation or growth control of crops.....	37	5,174	34	78	9,240	
Insect control in livestock and poultry.....	132	(x)	19	511	(x)	
Sprays, dusts, etc. for—						
Insects on hay and other crops.....	418	56,642	596	544	75,737	2,869
Nematodes in crops.....	27	1,754	29	100	8,795	
Crop diseases.....	37	4,183	84	112	11,339	
Weeds or grass in crops.....	549	110,793	784			
Weeds or brush in pasture.....	44	4,003	13	884	163,492	

X Not applicable. ¹ If more than 1 subentry was applicable, the farm was tabulated in each. ² Includes categories not shown separately.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1974 and 1978*, vol. I.

NO. 1206. COMMERCIAL FERTILIZERS CONSUMED: 1960 TO 1980

[In millions of tons, except percent. For years ending June 30. Includes Puerto Rico. Percent nutrient content excludes secondary and micronutrients. See *Historical Statistics, Colonial Times to 1970*, series K 193, for related but not comparable data]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
All fertilizers.....	24.9	31.8	39.6	47.1	42.5	49.2	51.6	47.5	51.5	52.6
Percent: Nitrogen.....	11.7	15.3	19.5	20.4	21.2	22.2	21.7	21.8	21.7	22.6
Phosphoric oxide.....	10.9	11.6	11.9	11.3	11.1	11.2	11.5	11.2	11.4	10.7
Potash.....	9.2	9.4	10.5	11.3	11.0	11.1	11.9	12.1	12.7	12.2
Mixed fertilizers.....	15.7	18.6	21.0	24.1	20.6	23.0	24.0	22.1	23.7	23.2
Percent: Nitrogen.....	6.5	7.8	9.3	10.1	10.2	10.5	10.6	10.7	10.8	10.8
Phosphoric oxide.....	13.0	15.2	17.7	17.7	18.0	19.3	19.9	19.6	20.1	19.6
Potash.....	12.1	12.4	12.7	12.7	12.5	12.5	12.8	12.8	12.8	12.8
Primary nutrient materials.....	7.9	11.8	17.3	20.9	20.0	23.9	25.0	23.5	25.6	27.1
Secondary and micronutrients.....	1.4	1.5	1.3	2.1	1.9	2.3	2.5	1.9	2.1	2.3

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Agricultural Statistics*, annual; and *Commercial Fertilizers, Consumption in the United States*, annual.

NO. 1207. SELECTED INDEXES OF FARM INPUTS: 1950 TO 1980

[1967 = 100. Inputs based on physical quantities of resources used in production. See also *Historical Statistics, Colonial Times to 1970*, series K 486-495 for data before revisions]

INPUT	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979	1980, prel.
Total	104	105	101	98	100	100	103	105	105	108	108
Farm labor	217	185	145	110	89	76	73	71	67	66	65
Farm real estate ¹	105	105	100	99	101	96	97	99	97	96	96
Mechanical power and machinery	84	97	97	94	100	113	116	120	126	130	128
Agricultural chemicals ²	29	39	49	75	115	127	145	154	161	184	174
Feed, seed, and livestock purchases ³	63	72	84	93	104	101	110	112	115	120	119
Taxes and interest	82	88	94	100	100	101	101	100	93	92	96
Miscellaneous	87	94	105	109	109	104	113	128	135	145	117

¹ Includes service buildings, improvements. ² Includes fertilizer, lime, and pesticides. ³ Includes nonfarm portion.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Production and Efficiency Statistics*, annual. Also in U.S. Council of Economic Advisors, *Economic Report of the President*, 1981.

NO. 1208. FARM MACHINERY AND EQUIPMENT: 1960 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series K 184-191]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Value of farm implements and machinery ¹	Bil. dol.	22.7	24.8	32.3	38.6	39.3	44.2	54.7	64.0	71.0	78.9	85.1	96.7
Number on farms, Jan. 1: ²													
Tractors ³	1,000	4,688	4,787	4,619	4,549	4,518	4,493	4,469	4,434	4,402	4,893	4,810	4,775
Horsepower	Mil.	153	176	203	209	212	219	222	228	232	266	269	277
Motortrucks	1,000	2,834	3,030	2,984	3,003	3,013	3,023	3,032	3,043	3,044	3,555	3,734	3,992
Grain combines	1,000	1,042	910	790	725	701	698	524	527	535	664	667	659
Corn pickers ⁴	1,000	792	690	635	625	621	618	615	610	605	694	692	690
Pickup balers	1,000	680	751	708	692	684	674	667	641	615	769	766	764
Field forage harvesters	1,000	291	316	304	298	292	295	255	263	270	301	303	301
Farmers' expenditures:													
Motor vehicles ⁵	Mil. dol.	1,344	1,940	2,030	2,464	3,066	3,405	3,833	4,604	4,927	5,580	6,284	5,877
Machinery, equipment	Mil. dol.	1,458	2,239	2,888	3,231	4,581	4,790	4,820	5,393	5,535	7,158	8,002	7,314
Retail sales: ⁶													
Tractors, total ⁷	1,000	(NA)	162.5	135.5	160.7	197.0	173.8	161.1	153.2	130.9	139.6	139.0	119.3
2-wheel drive	1,000	(NA)	162.5	135.5	158.8	190.8	165.5	150.5	142.7	123.2	130.9	127.5	108.4
4-wheel drive	1,000	(NA)	(NA)	(NA)	3.9	6.2	8.3	10.6	10.5	7.7	8.7	11.5	10.9
Combines	1,000	(NA)	37.6	26.7	27.9	35.1	31.6	33.1	32.5	28.8	31.5	32.3	25.7
Corn heads	1,000	(NA)	22.9	18.5	21.1	26.7	25.1	25.4	25.4	20.7	21.2	22.4	17.2
Field forage harvesters	1,000	(NA)	(NA)	15.0	15.2	17.7	16.1	13.1	13.3	13.2	11.5	12.5	9.5

NA. Not available. ¹ Farm inventory valuations at beginning of year. Includes family automobiles. ² 1978 data are not directly comparable with totals for 1974 or earlier agriculture census years; see text, p. 655. For all non-census years, data are estimated using prior census as reference point. ³ Excludes garden tractors. ⁴ Includes picker-shellers. ⁵ For farm business use. ⁶ Source: Farm and Industrial Equipment Institute, Chicago, Illinois, unpublished data. ⁷ Beginning 1977, covers tractors over 40 hp. only.

Source: Except as noted, U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics*, annual. Also in *Agricultural Statistics*, annual.

NO. 1209. FARM EMPLOYMENT AND INDEX OF WAGE RATES: 1960 TO 1980

[Excludes Alaska and Hawaii, except beginning 1978 includes Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series K 174-181]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Employment ¹	1,000	7,057	5,610	4,523	4,337	4,389	4,342	4,374	4,170	3,957	3,774	3,705
Family ²	1,000	5,172	4,128	3,348	3,169	3,075	3,025	2,997	2,863	2,689	2,501	2,402
Hired ³	1,000	1,885	1,482	1,175	1,168	1,314	1,317	1,377	1,307	1,268	1,273	1,303
Farm wage rates index	1967 = 100	74	86	129	157	176	190	208	225	241	264	285

¹ 1960-1973, averages of monthly estimates of employed during last full calendar week ending at least one day before end of month; beginning 1974, annual quarterly averages. ² Includes farm operators doing 1 or more hours of farm work and unpaid family members doing 15 or more hours of farm work during survey week. ³ Includes all persons doing 1 or more hours of farm work for pay during survey week. Members of operators' families doing any farm work for cash wages are counted as hired workers.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Farm Labor*, quarterly.

No. 1210. HIRED FARMWORKERS—WORKERS AND EARNINGS: 1970 TO 1979

[Represents persons 14 years old and over in the civilian noninstitutional population who did hired farmwork at any time during the year. Based on Current Population Survey; see text, p. 1 and Appendix III. For composition of regions, see fig. 1, inside front cover. For definition of median, see Guide to Tabular Presentation]

ITEM	WORKERS (1,000)								MEDIAN EARNINGS PER DAY		
	1970	1975	Total	1979					1970	1975	1979
				Duration of farmwork							
				Under 25 days	25-74 days	75-149 days	150-249 days	250 days and over			
All workers.....	2,488	2,638	2,652	898	672	323	335	423	\$9.30	\$14.80	\$20.99
White ¹	1,940	1,907	1,976	746	481	244	199	306	9.70	14.75	20.24
Black and other ¹	547	446	355	99	116	40	59	41	8.00	13.90	22.85
Hispanic.....	(NA)	285	320	53	75	39	77	76	(NA)	17.10	27.13
Male.....	1,889	2,036	2,075	669	475	245	282	405	9.75	15.45	21.86
Female.....	599	602	576	229	198	78	53	18	7.85	12.35	19.95
Region:											
Northeast.....	241	227	188	58	48	26	24	32	9.95	14.00	16.63
North Central.....	590	674	785	340	179	80	60	125	9.20	14.45	20.01
South.....	1,093	1,074	1,071	312	318	143	144	154	8.35	14.10	20.39
West.....	564	664	607	188	127	74	107	112	11.75	16.00	25.27
Migratory.....	186	188	217	56	80	33	31	17	(NA)	(NA)	(NA)
Nonmigratory.....	2,291	2,450	2,435	843	592	290	304	405	(NA)	(NA)	(NA)
14-17 years old.....	(NA)	835	707	353	241	72	17	25	(NA)	10.35	16.63
18-24 years old.....	(NA)	793	802	272	223	97	104	107	(NA)	17.75	23.16
25-34 years old.....	(NA)	393	458	140	89	35	68	124	(NA)	21.95	23.17
35-44 years old.....	(NA)	219	281	47	57	50	65	63	(NA)	21.70	24.34
45-54 years old.....	(NA)	193	163	24	28	26	30	54	(NA)	19.40	25.69
55-64 years old.....	(NA)	144	128	29	17	18	28	37	(NA)	19.60	20.25
65 years and over.....	(NA)	120	114	32	18	25	23	14	(NA)	11.70	19.84

NA Not available. ¹Beginning 1975, excludes persons of Hispanic origin. 1970 data not comparable with later years. Source: U.S. Dept. of Agriculture, Economic Research Service, *The Hired Farm Working Force*, periodic.

No. 1211. FARM PRODUCTIVITY—LABOR-HOURS AND INDEXES OF FARM OUTPUT PER HOUR: 1950 TO 1980

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series K 407-413, K 430-444, and W 87-81]

ITEM	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979, prel.	1980, prel.
Hours of labor required on farms ¹ (bil.).....	15.1	12.8	9.8	7.3	5.9	5.3	5.2	5.0	4.8	4.7	4.4	4.3	4.3
All livestock and products.....	5.5	4.9	3.8	3.0	2.3	2.0	1.8	1.7	1.6	1.5	1.4	1.3	1.3
All crops ² (bil.).....	6.9	6.0	4.6	3.4	2.8	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.5
Farm maintenance ³ (bil.).....	2.7	1.9	1.4	.9	.8	.6	.7	.7	.6	.7	.6	.6	.5
INDEX (1967=100)													
Farm output per hour ⁴	34	44	65	89	115	140	136	152	162	170	182	198	194
All livestock and products.....	37	46	62	86	121	144	156	160	178	189	204	222	240
Meat animals.....	54	61	70	89	117	137	147	150	164	172	186	200	218
Milk cows.....	35	42	60	87	125	153	168	178	202	223	242	269	306
Poultry.....	21	32	55	87	119	151	166	175	200	215	241	265	291
All crops.....	36	45	66	90	111	138	128	142	146	157	166	182	165
Feed grains.....	22	30	57	91	109	153	131	156	164	177	199	221	186
Hay and forage.....	40	46	61	85	105	125	124	133	128	141	155	165	154
Food grains.....	40	51	95	101	121	131	115	130	127	129	136	150	150
Vegetables.....	52	65	82	96	110	116	116	116	123	124	129	133	136
Fruits and nuts.....	69	78	79	98	109	110	129	125	129	126	129	131	141
Sugar crops.....	38	53	78	88	116	122	118	134	139	141	145	145	152
Cotton.....	26	39	57	102	136	224	208	255	302	434	439	571	438
Tobacco.....	57	65	74	82	129	147	158	157	164	166	179	157	170
Oil crops.....	52	69	94	104	127	148	134	156	150	175	170	187	154
Cropland used for crops ⁵	111	111	104	99	98	103	106	108	109	111	108	112	114
Crop production per acre.....	68	74	89	100	102	116	104	112	111	116	121	129	115

¹Represents labor used on crops, livestock, and farm maintenance.

²Beginning 1965, excludes work on farm gardens.

³Beginning 1965, excludes work on horses and mules. ⁴Index of farm output (production) divided by index of hours of labor used.

⁵Harvested acreages plus acreages of crop failure and summer fallow. Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Production and Efficiency Statistics*, annual. Also in *Agricultural Statistics*, annual.

NO. 1212. FARM OUTPUT INDEXES AND ACREAGE OF PRINCIPAL CROPS: 1960 TO 1980

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series K 414-429]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, prel.
INDEX, 1967 = 100												
Farm output ¹	91	98	101	110	112	108	114	117	119	122	129	122
Per unit of total input	90	100	102	110	111	105	115	115	114	116	119	115
Gross production:												
Livestock and products ²	87	95	105	107	105	108	101	105	106	106	109	113
Meat animals	85	92	108	109	108	110	102	105	105	104	106	111
Dairy products	100	104	99	102	98	99	98	103	105	104	105	110
Poultry and eggs	76	90	105	109	106	106	103	110	112	118	127	128
Crops ³	93	99	100	113	119	110	121	121	129	131	144	131
Feed grains	87	88	89	112	115	93	114	120	126	135	148	123
Hay and forage	90	98	100	104	109	104	108	102	107	113	117	107
Food grains	87	88	91	102	114	120	142	141	132	125	144	157
Vegetables	89	96	98	99	100	102	101	101	104	107	110	105
Fruits and nuts	94	100	110	106	126	128	137	136	136	138	145	164
Sugar crops	74	100	114	127	112	104	130	128	116	116	107	114
Cotton	196	205	139	187	175	158	112	142	191	145	194	150
Tobacco	99	94	97	88	88	101	110	108	98	102	77	90
Oil crops	68	95	117	131	155	127	153	132	175	182	219	171
ACREAGE, PRINCIPAL CROPS (millions of acres)												
Planted or grown	324	297	293	295	319	326	333	336	345	337	347	357
Harvested	316	288	283	283	310	316	324	328	334	327	338	341

¹ Annual production available for eventual human use. ² Includes livestock products not shown separately and excludes horses and mules. ³ Includes crops not shown separately.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Production and Efficiency Statistics*, annual. Also in *Agricultural Statistics*, annual.

NO. 1213. FARM LABOR—ANNUAL AVERAGE LABOR-HOURS PER UNIT OF PRODUCTION, SELECTED CROPS AND LIVESTOCK: 1950-1954 TO 1975-1979

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series K 445-485]

CROP, LIVESTOCK, AND ITEM	1950- 1954	1955- 1959	1960- 1964	1965- 1969	1970- 1974	1975- 1979 ¹
Corn for grain: Hours per acre ²	13.3	9.9	7.0	5.8	4.3	3.6
Yield per acre (bu.)	39.4	48.7	62.2	78.5	84.0	95.2
Hours per 100 bushel	34	20	11	7	5	4
Wheat: Hours per acre ²	4.6	3.8	3.0	2.9	2.9	2.8
Yield per acre (bu.)	17.3	22.3	25.2	27.5	31.0	31.4
Hours per 100 bushel	27	17	12	11	9	9
Hay: Hours per acre ²	6.3	6.0	5.0	3.8	3.7	3.4
Yield per acre (sh. tons)	1.43	1.61	1.77	1.97	2.12	2.21
Hours per sh. ton	4.4	3.7	2.8	1.9	1.8	1.6
Potatoes: Hours per acre ²	63.1	53.1	48.0	45.1	41.6	37.6
Yield per acre (cwt)	151	178	195	213	234	262
Hours per sh. ton	8	6	5	4	4	3
Cotton: Hours per acre ²	66	66	47	30	18	8
Yield per acre (lb.)	296	428	475	484	470	485
Hours per bale	107	74	47	30	18	8
Tobacco: Hours per acre ³	464	475	493	427	298	254
Yield per acre (1,000 lb.)	1.3	1.5	1.9	2.0	2.0	2.0
Hours per 100 lb	36	31	26	22	14	13
Milk cows: Hours per cow	121	109	93	78	62	45
Milk per cow (cwt)	54	63	75	88	101	110
Hours per cwt of milk	2.2	1.7	1.2	.9	.6	.4
Cattle, exc. milk cows:						
Hours per cwt of beef produced ⁴	3.6	3.2	2.6	2.1	1.7	1.3
Hogs: Hours per cwt produced ⁴	2.7	2.4	1.9	1.4	1.0	.5
Chickens: ⁵ Hours per 100 layers	232	175	126	97	78	57
Rate of lay ⁶	181	200	212	219	225	236
Hours per 100 eggs produced	1.3	.9	.6	.4	.3	.2
Chickens (farm raised): Hours per 100 birds	27	23	17	14	13	12
Hours per cwt produced ⁴	7.3	6.7	4.7	3.7	3.3	2.9
Chickens (broilers): Hours per 100 birds	8	4	3	2	1	.6
Hours per cwt produced ⁴	2.4	1.3	.8	.5	.3	.1
Turkeys: Hours per cwt produced ⁴	6.8	4.4	2.4	1.3	.8	.5

¹ Preliminary.² Labor-hours per acre harvested, including preharvest work on acreages abandoned, grazed, and turned under.³ Per acre planted and harvested.⁴ Liveweight production.⁵ Laying flocks and eggs.⁶ Eggs produced during year

divided by average number of hens and pullets of laying age on hand during year.

Source: U.S. Dept. of Agriculture, Economic Research Service, In *Agricultural Statistics*, annual.

NO. 1214. AGRICULTURAL EXPORTS AND IMPORTS—VALUE: 1960 TO 1980

[In billions of dollars, except percent. Includes Puerto Rico. Excludes forest products and distilled liquors; includes crude rubber and similar gums (now mainly plantation products). Includes shipments under foreign aid programs. See also *Historical Statistics, Colonial Times to 1970*, series K 251-255]

ITEM	1960-1964, avg.	1965-1969, avg.	1970-1974, avg.	1975-1979, avg.	1980	1985	1970	1975	1976	1977	1978	1979	1980
Exports, domestic products.....	5.4	6.3	12.8	26.5	4.8	6.2	7.3	21.9	23.0	23.6	29.4	34.7	41.3
Percent of all exports.....	24	20	20	20	24	23	17	21	20	20	20	19	19
Imports for consumption.....	3.9	4.6	7.3	13.1	3.8	4.1	5.8	9.3	11.0	13.4	14.8	16.7	17.4
Percent of all imports.....	24	16	12	9	25	19	15	10	9	9	8	7	7

Source: U.S. Dept. of Agriculture, Economic Research Service, *U.S. Foreign Agricultural Trade Statistical Report*, annual, and *Foreign Agricultural Trade of the United States*, Jan.-Feb. issues. Also in *Agricultural Statistics*, annual.

NO. 1215. AGRICULTURAL EXPORTS—VALUE BY PRINCIPAL COMMODITIES AND SELECTED COUNTRIES OF DESTINATION: 1970 TO 1980

[See headnote, table 1214. Data by country of destination not adjusted for transshipments]

COMMODITY AND COUNTRY	VALUE (mil. dol.)										PERCENT	
	1970	1973	1974	1975	1976	1977	1978	1979	1980	1970	1980	
Total agricultural exports ¹	7,259	17,680	21,999	21,884	22,997	23,638	29,384	34,745	41,256	100.0	100.0	
Grains and preparations ²	2,582	8,481	10,311	11,819	10,875	8,713	11,585	14,406	17,991	35.8	43.6	
Feed grains and products.....	1,093	3,577	4,698	5,283	6,024	4,907	5,909	7,796	9,831	15.1	23.8	
Corn.....	818	2,824	3,751	4,422	5,194	4,100	5,257	6,977	8,492	11.3	20.6	
Wheat and products.....	1,136	4,200	4,634	5,353	4,086	2,932	4,602	5,586	6,660	15.6	16.1	
Rice.....	313	539	852	858	629	730	932	854	1,289	4.3	3.1	
Oilseeds and products ²	1,931	4,308	5,709	4,452	5,070	6,615	8,175	8,887	9,393	26.6	22.8	
Soybeans.....	1,228	2,782	3,537	2,865	3,315	4,393	5,208	5,701	5,880	16.9	14.3	
Soybean oil cake and meal.....	344	933	944	639	864	920	1,242	1,416	1,654	4.7	4.0	
Vegetable oils and waxes.....	295	356	883	635	586	834	970	1,155	1,216	4.1	2.9	
Soybean oil.....	194	151	522	269	240	443	569	769	689	2.7	1.7	
Animals and animal products ²	865	1,584	1,776	1,686	2,380	2,667	3,032	3,765	3,791	11.9	9.2	
Hides and skins, incl. furskins.....	187	473	482	407	694	786	914	1,332	1,046	2.6	2.5	
Cattle hides.....	130	339	297	260	471	525	629	906	623	1.8	1.5	
Meats and meat products.....	132	374	302	432	617	611	743	853	890	1.8	2.2	
Fats, oils, and greases.....	246	333	585	360	443	593	599	740	769	3.4	1.9	
Poultry and poultry products.....	82	116	135	157	261	309	341	409	603	1.1	1.5	
Cotton, excluding linters.....	372	929	1,335	991	1,049	1,529	1,740	2,198	2,864	5.1	6.9	
Tobacco, unmanufactured.....	517	714	832	852	922	1,094	1,356	1,183	1,334	7.1	3.2	
Fruits and preparations.....	334	535	596	699	770	835	1,014	1,127	1,335	4.6	3.2	
Fresh fruits.....	164	284	326	404	434	458	565	646	739	2.3	1.8	
Feeds and fodders.....	138	272	272	313	449	592	609	838	1,126	1.9	2.7	
Vegetables and preparations.....	219	373	473	505	674	631	703	764	1,188	3.0	2.9	
Nuts and preparations.....	69	121	156	169	198	240	324	584	757	1.0	1.8	
Other.....	232	363	539	598	610	720	846	993	1,477	3.2	3.6	
Asia ¹	2,670	6,458	8,356	7,620	7,575	8,042	10,295	12,109	14,886	36.8	36.1	
Japan.....	1,214	2,997	3,478	3,082	3,563	3,857	4,435	5,255	6,111	16.7	14.8	
Korea, Rep. of.....	224	635	743	830	830	919	1,148	1,441	1,797	3.1	4.4	
China:												
Mainland.....	(z)	575	653	80	(z)	64	573	990	2,210	(z)	5.4	
Taiwan.....	134	406	430	565	474	612	825	1,074	1,095	1.8	2.7	
Western Europe ¹	2,527	5,581	6,995	7,142	7,878	8,358	9,073	9,872	11,685	34.8	28.3	
European Economic Community ³	2,105	4,526	5,497	5,563	6,421	6,620	7,148	7,642	8,929	29.0	21.6	
Netherlands.....	526	1,241	1,600	1,722	1,885	2,124	2,346	2,624	3,415	7.2	8.3	
Germany, Fed. Rep. of.....	529	1,181	1,587	1,564	1,826	1,656	1,497	1,399	1,827	7.3	4.4	
United Kingdom.....	411	616	654	588	698	874	1,023	1,057	928	5.7	2.2	
Italy.....	210	674	763	798	877	807	995	1,005	1,094	2.9	2.7	
Spain.....	143	461	707	776	615	634	822	930	1,129	2.0	2.7	
Latin America ¹	688	1,892	2,558	2,274	1,938	2,217	3,158	3,687	6,172	9.5	15.0	
Mexico.....	155	362	863	586	370	664	903	1,024	2,490	2.1	6.0	
Venezuela.....	98	180	323	277	274	304	387	484	701	1.4	1.3	
Soviet Union.....	16	820	300	1,133	1,467	1,037	1,687	2,855	1,047	.2	2.5	
Eastern Europe.....	169	576	625	616	925	603	1,120	1,933	2,071	2.3	5.0	
Canada.....	826	1,034	1,281	1,304	1,484	1,534	1,621	1,650	1,852	11.4	4.5	
Africa.....	259	583	1,132	1,156	1,178	1,362	1,598	1,620	2,238	3.6	5.4	

² Less than \$500,000 or .05 percent. ¹ Includes areas not shown separately. ² Includes commodities not shown separately. ³ Includes data for Belgium, Luxembourg, Denmark, France, and Ireland. As of Jan. 1, 1973, United Kingdom, Denmark, and Ireland became members of EEC. For consistency, data for all years are shown on same basis.

Source: U.S. Dept. of Agriculture, Economic Research Service, *U.S. Foreign Agricultural Trade Statistical Report*, annual. Also in *Agricultural Statistics*, annual.

**NO. 1216. U.S. SALES AND DONATIONS UNDER FOOD FOR PEACE (PUBLIC LAW 480) PROGRAMS,
TOTAL, 1954 TO 1980, AND BY COUNTRY, 1975 TO 1980**

[In millions of dollars. For years ending June 30, except beginning 1977, ending Sept. 30]

TITLE AND PROGRAM	Total, 1954- 1980	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total	30,496	1,142	1,223	1,119	973	1,328	1,300	1,193	1,228	1,287	1,436
Title I sales (loans) ¹	19,076	711	746	724	577	868	902	735	767	746	843
Repayable in dollars.....	9,245	485	683	724	577	868	902	735	767	746	843
Repayable in foreign currencies.....	9,831	226	63	-	-	-	-	-	-	-	-
Title II donations	11,420	432	477	394	396	461	398	458	461	541	593
Voluntary relief agencies.....	6,911	181	197	177	196	266	299	326	319	374	340
Emergency relief and other ²	4,509	250	280	217	200	194	99	132	143	167	253

REGION AND COUNTRY	1975		1976		1977		1978		1979		1980	
	Sales	Donations	Sales	Donations	Sales	Donations	Sales	Donations	Sales	Donations	Sales	Donations
Total	867.5	460.6	902.0	397.9	735.3	458.4	767.4	461.1	746.0	541.0	843.0	593.0
Near East and												
South Asia ³	603.8	163.6	622.5	125.7	398.4	158.0	413.7	162.3	401.4	218.6	432.9	165.2
Bangladesh.....	237.3	4.5	180.7	2.5	83.8	19.3	78.0	20.5	88.1	29.0	74.4	2.6
Egypt.....	104.5	12.8	201.7	4.4	196.8	11.7	179.7	12.5	230.7	22.4	285.3	16.1
India.....	121.6	106.1	78.9	102.4	24.7	101.3	26.4	109.8	-	137.6	-	118.3
Pakistan.....	79.5	5.4	94.8	2.1	35.9	2.0	58.4	3.9	38.0	3.2	47.5	10.6
Sri Lanka.....	24.5	5.4	22.0	4.1	39.9	4.0	34.4	3.4	16.3	4.6	23.8	5.1
Syria.....	21.4	2.2	18.4	-	14.3	5.4	13.3	2.0	18.1	2.7	-	1.1
East Asia ³	180.7	36.1	167.4	26.1	172.3	43.5	183.7	23.7	135.7	24.4	124.8	75.9
Indonesia.....	34.8	11.5	50.6	5.9	85.3	6.4	115.4	7.3	88.7	7.5	96.3	17.4
Korea, Rep. of.....	8.7	5.7	116.8	3	75.1	-	56.3	-	38.0	-	28.5	-
Philippines.....	-	10.8	-	19.0	11.9	37.0	12.0	15.1	9.0	14.8	-	18.8
Africa ³	16.2	118.8	39.4	100.5	57.2	97.8	73.8	133.9	99.9	122.6	155.6	171.3
Ethiopia.....	-	5.2	3.4	3.8	-	4.6	-	5.0	-	12.6	-	15.0
Ghana.....	-	2.8	-	3.9	-	6.5	-	3.0	9.5	5.1	12.1	3.6
Morocco.....	-	12.7	11.8	17.2	8.0	15.1	8.8	15.7	9.7	11.2	5.8	9.9
Somalia.....	-	4.6	-	1.6	-	.8	7.0	8.8	10.7	7.3	17.7	32.3
Sudan.....	-	8.2	-	1.5	4.6	1.8	9.8	2.5	19.0	1.8	25.0	1.3
Tunisia.....	-	10.1	2.3	5.6	6.9	5.1	9.0	8.6	9.6	6.8	12.6	4.8
Zaire.....	-	4	12.4	-	22.7	1	18.0	5	17.0	4.4	15.7	9.9
Zambia.....	-	.2	-	.1	5.4	2	8.5	(2)	10.0	3.0	12.5	9.9
Latin America ³	66.8	61.0	53.6	83.8	40.9	71.6	58.2	47.0	71.3	66.9	92.1	59.9
Bolivia.....	-	5.1	-	6.2	-	6.7	10.8	5.7	12.0	7.0	17.3	7.5
Dominican Rep.....	-	5.5	-	11.4	2.5	8.4	-	3.9	13.9	6.8	15.0	4.7
Haiti.....	2.3	3.3	4.9	9.0	10.7	8.6	10.5	8.0	8.6	6.8	8.6	7.2
Peru.....	-	6.4	-	8.7	-	5.3	25.0	6.9	20.0	15.3	19.0	14.0
Europe	-	.1	19.1	-	66.5	.4	38.0	-	38.0	-	38.0	-
Portugal.....	-	-	19.1	-	66.5	-	38.0	-	38.0	-	38.0	-
All other ⁴	-	81.0	-	61.8	-	88.7	-	94.3	-	107.8	-	121.1

- Represents zero. Z Less than \$50,000. ¹Includes Title III, Food For Development program. ²Includes economic development and world food programs. ³Includes countries not shown separately. ⁴Includes undistributed transportation cost.

Source: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance From International Organizations*, annual.

**NO. 1217. AGRICULTURAL EXPORTS UNDER SPECIFIED GOVERNMENT-FINANCED PROGRAMS—VALUE,
BY SELECTED COMMODITIES: 1960 TO 1980**

[In millions of dollars, except percent. Includes Puerto Rico]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Agricultural exports ¹	4,832	6,229	7,259	21,999	21,884	22,997	23,636	29,384	34,745	41,256
Outside Government programs ^{1,2}	3,371	4,880	6,226	21,140	20,456	21,556	22,164	27,813	33,251	39,866
Under Government programs ^{1,3}	1,461	1,349	1,033	859	1,428	1,441	1,472	1,571	1,494	1,390
Percent of total.....	30.2	21.7	14.2	3.9	6.5	6.3	6.2	5.3	4.3	3.4
Wheat.....	638.4	739.0	313.3	127.6	556.6	478.5	374.6	426.8	478.5	416.8
Wheat flour.....	118.4	87.5	86.2	78.5	68.1	94.9	108.5	138.1	168.6	139.0
Corn.....	65.5	56.0	26.5	21.4	14.8	108.1	213.2	207.8	177.8	167.8
Rice.....	86.5	72.1	171.3	292.0	311.6	224.4	144.5	175.6	161.5	171.5
Cotton.....	230.4	114.6	115.4	30.5	32.5	28.1	17.8	15.2	17.6	12.6
Soybean oil.....	72.2	109.6	92.2	84.8	36.3	105.7	99.1	157.0	142.0	141.1
Milk, nonfat, dried.....	40.7	58.8	91.4	-	60.3	48.0	81.0	32.1	21.0	23.7

- Represents zero. ¹Sources of values for Government-financed programs are different from those for total exports; therefore, not fully comparable in regard to valuation, shipping period, etc. Entries for "Outside Government programs" are the residuals of the other two series. ²Exports outside specified Government-financed programs include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of (a) short-term credits extended by the Commodity Credit Corporation and the Export-Import Bank, (b) sales of Government-owned commodities below domestic market prices, and (c) export payments in cash or in kind through 1974. ³Includes commodities not shown separately.

Source: U.S. Dept. of Agriculture, Economic Research Service. In *Agricultural Statistics*, annual, and *Foreign Agricultural Trade of the United States*, monthly.

NO. 1218. SELECTED FARM PRODUCTS—U.S. AND WORLD PRODUCTION AND EXPORTS: 1977 TO 1979

(In metric tons, except cotton. Production year, except as indicated. Metric ton=1.102 short tons or .984 long tons)

ITEM	Unit	1977			1978			1979		
		U.S.	World	U.S. as per cent of world	U.S.	World	U.S. as per cent of world	U.S.	World	U.S. as per cent of world
PRODUCTION										
Wheat, grain only.....	Mil.....	¹ 55	² 383	14.5	¹ 48	² 447	10.7	¹ 58	² 422	13.7
Corn for grain.....	Mil.....	⁴ 163	² 362	45.1	⁴ 185	² 391	47.3	⁴ 202	² 422	47.8
Soybeans ⁵	Mil.....	48.0	74.3	64.6	50.9	77.3	65.8	61.7	93.6	65.9
Rice, rough ⁶	Mil.....	4.5	370	1.2	6.0	385	1.6	5.9	377	1.6
Tallow and greases.....	1,000.....	3,085	5,815	53.1	3,042	5,800	52.4	3,115	5,600	55.6
Tobacco, unmanufactured ⁷	1,000.....	869	5,508	15.8	920	5,902	15.6	694	5,685	12.2
Edible vegetable oils ⁸	Mil.....	9.8	35.4	27.7	10.3	37.1	27.7	12.9	41.0	31.4
Cotton ⁹	1,000 bales ⁹	14,400	64,144	22.4	10,856	60,173	18.0	14,629	65,669	22.2
EXPORTS										
Wheat ³	Mil.....	¹ 31	² 76	40.5	¹ 31	² 72	43.0	¹ 36	² 82	43.9
Corn for grain.....	Mil.....	⁴ 50	² 63	79.2	⁴ 51	² 67	76.1	⁴ 61	² 78	78.2
Soybeans.....	Mil.....	¹⁰ 19.1	¹⁰ 22.3	85.7	¹¹ 20.1	¹¹ 24.6	81.7	¹² 23.8	¹² 28.4	83.8
Rice, rough ^{6,13}	Mil.....	¹⁰ 3.3	¹⁰ 6.9	37.1	¹¹ 2.4	¹¹ 11.5	20.8	¹² 2.7	¹² 12.3	22.0
Tallow and greases.....	1,000.....	1,319	2,243	58.8	1,228	2,263	54.3	1,280	2,351	54.4
Tobacco, unmanufactured ¹⁴	1,000.....	290	1,289	22.5	321	1,406	22.8	259	1,374	18.9
Edible vegetable oils ⁸	Mil.....	¹⁵ 4.5	¹⁵ 12.0	37.5	¹⁵ 13.3	¹⁵ 43.3	30.7	¹⁵ 5.9	¹⁵ 14.1	41.8
Cotton ⁹	1,000 bales ⁹	5,500	19,186	28.7	6,160	19,817	31.1	9,229	22,973	40.1

¹ Year beginning June 1. ² Year beginning July 1. ³ Includes wheat flour in grain equivalent. ⁴ Year beginning Oct. 1. ⁵ Net beginning Sept. 1. ⁶ Farm sales weight basis. ⁷ Farm sales weight basis. ⁸ Includes palm oils. ⁹ Bales of 480 lb. net weight. ¹⁰ Calendar year 1978. ¹¹ Calendar year 1979. ¹² Calendar year 1980. ¹³ Includes milled rice. ¹⁴ Redried weight basis. ¹⁵ Includes oil equivalent of exported oilseeds. ¹⁶ Exports from producing countries.

Source: U.S. Foreign Agricultural Service, *Foreign Agriculture Circular*, periodic.

NO. 1219. SELECTED FARM PRODUCTS—PRODUCTION AND EXPORTS: 1965 TO 1980

ITEM	Unit	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, prel.
Wheat: Production.....	Mil. bu.....	1,316	1,352	1,711	1,782	2,127	2,149	2,046	1,776	2,134	2,370
Exports ¹	Mil. bu.....	852	741	1,217	1,018	1,173	950	1,124	1,194	1,375	1,525
Percent of production.....	Percent.....	64.7	54.8	71.1	57.1	55.2	44.2	54.9	67.2	64.4	64.4
Corn for grain: Production.....	Mil. bu.....	4,103	4,152	5,671	4,701	5,841	6,289	6,505	7,265	7,939	6,648
Exports ¹	Mil. bu.....	687	517	1,243	1,149	1,711	1,684	1,948	2,133	2,433	2,550
Percent of production.....	Percent.....	16.7	12.5	21.9	24.4	29.3	26.8	30.0	29.4	30.7	38.4
Soybeans, for beans: Production.....	Mil. bu.....	846	1,127	1,548	1,216	1,548	1,289	1,767	1,869	2,268	1,817
Exports ¹	Mil. bu.....	251	434	539	421	555	584	700	739	875	750
Percent of production.....	Percent.....	29.7	38.5	34.8	34.6	35.9	43.8	39.6	39.5	38.6	41.3
Cotton: Production.....	Mil. bales ²	14.9	10.2	13.0	11.5	8.3	10.6	14.4	10.9	14.6	11.1
Exports ¹	Mil. bales ²	3.0	3.9	6.1	3.9	3.3	4.8	5.5	6.2	9.2	6.0
Percent of production.....	Percent.....	20.1	38.2	46.9	33.9	39.6	45.3	38.2	56.9	63.0	54.1
Tobacco: Production ⁴	Mil. lb.....	1,855	1,906	1,742	1,990	2,182	2,137	1,914	2,025	1,527	1,779
Exports ¹	Mil. lb.....	538	639	732	653	654	678	693	765	694	640
Percent of production.....	Percent.....	29.0	33.5	42.0	32.8	30.0	31.8	36.2	37.8	45.4	36.0

¹ Represents marketing year for each product. ² Based on inspections for export. ³ 480 lb. net weight bales. ⁴ Farm sales weight.

Source: U.S. Dept. of Agriculture, Economic Research Service. In *Agricultural Statistics*, annual.

NO. 1220. ACREAGES OF CROPS HARVESTED FOR SPECIFIED PURPOSES: 1960 TO 1980

(See also *Historical Statistics, Colonial Times to 1970*, series K 496-499)

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980 ¹
Crops harvested ²	Mil. acres.....	³ 324	298	293	321	328	336	337	344	337	349	353
Domestic use.....	Mil. acres.....	255	222	221	225	229	236	240	232	223	224	215
Per capita ⁴	Acres.....	1.41	1.14	1.08	1.06	1.07	1.09	1.10	1.05	1.00	1.00	.94
Exports.....	Mil. acres.....	64	76	72	96	99	100	97	112	114	125	138
Percent of total.....	Percent.....	19.8	25.5	24.6	29.9	30.2	29.8	28.8	32.6	33.8	35.8	39.1
Crop failure.....	Mil. acres.....	6	6	5	5	8	6	9	9	7	7	12

¹ Preliminary. ² Area in principal crops harvested as reported by Economic Research Service plus acreage in vegetables, fruits, tree nuts, and farm gardens. ³ Includes feed for horses and mules, not shown separately. ⁴ Based on Bureau of the Census estimated total population, including armed forces overseas, as of July 1.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Production and Efficiency Statistics*, annual.

NO. 1221. PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1961 TO 1980

[Acreage, production, and yield of all crops revised on basis of census data. See *Historical Statistics, Colonial Times to 1970*, series K 506-563, for acreage harvested, production, and price data for all crops listed except sorghum]

ITEM	Unit	1961- 1965, avg.	1966- 1970, avg.	1971- 1975, avg.	1970	1975	1976	1977	1978	1979	1980, prel.
Corn for grain:											
Acreage harvested.....	1,000 acres.....	58,670	57,121	63,362	57,358	67,625	71,506	71,614	71,930	72,400	73,061
Production.....	Mil. bu.....	3,762	4,463	5,488	4,152	5,841	6,289	6,505	7,268	7,939	6,648
Farm value ¹	Mil. dol.....	4,251	5,194	11,671	5,515	14,819	13,524	13,107	16,281	19,904	21,687
Yield per acre.....	Bu.....	66.4	78.1	86.6	72.4	86.4	88.0	90.6	101.0	109.7	91.0
Price ²	Dol. per bu.....	1.13	1.16	2.15	1.33	2.54	2.15	2.02	2.25	2.52	3.27
Soybeans for beans:											
Acreage harvested.....	1,000 acres.....	29,694	40,265	49,803	42,249	53,617	49,401	57,830	63,663	70,566	67,566
Production.....	Mil. bu.....	719	1,054	1,352	1,127	1,548	1,289	1,767	1,869	2,268	1,817
Farm value ¹	Mil. dol.....	1,770	2,711	6,720	3,215	7,622	8,776	10,383	12,450	14,250	13,825
Yield per acre.....	Bu.....	24.2	26.2	27.1	26.7	28.9	26.1	30.6	29.4	32.1	26.8
Price ²	Dol. per bu.....	2.46	2.57	4.97	2.85	4.92	6.81	5.88	6.66	6.28	7.61
Wheat:											
Acreage harvested.....	1,000 acres.....	48,017	50,688	56,801	43,564	69,499	70,927	66,686	56,495	62,454	70,853
Production.....	Mil. bu.....	1,214	1,433	1,757	1,352	2,127	2,149	2,046	1,776	2,134	2,370
Farm value ¹	Mil. dol.....	2,027	1,950	5,291	1,802	7,550	5,868	4,765	5,281	8,070	9,397
Yield per acre.....	Bu.....	25.3	28.3	30.9	31.0	30.6	30.3	30.7	31.4	34.2	33.4
Price ²	Dol. per bu.....	1.67	1.36	3.03	1.33	3.55	2.73	2.33	2.97	3.78	3.96
Hay:											
Acreage harvested.....	1,000 acres.....	67,248	61,953	60,882	61,467	61,353	60,377	60,988	62,113	61,666	59,437
Production.....	Mil. tons ³	120	125	130	127	132	120	132	144	148	131
Farm value ¹	Mil. dol.....	2,680	2,918	4,864	3,076	6,458	6,815	6,826	6,654	7,363	8,166
Yield per acre.....	Short tons.....	1.79	2.01	2.14	2.07	2.16	1.99	2.17	2.32	2.40	2.21
Price ²	Dol. per ton.....	22.30	23.40	40.93	28.10	52.10	60.20	53.70	49.80	59.50	70.90
Cotton:											
Acreage harvested.....	1,000 acres.....	14,616	9,983	11,554	11,155	8,796	10,914	13,275	12,400	12,831	13,215
Production.....	Mil. bales ⁴	14.9	9.6	11.4	10.2	8.3	10.6	14.4	10.9	14.6	11.1
Farm value ¹	Mil. dol.....	2,312	1,068	2,093	1,122	2,044	3,255	3,615	3,045	4,450	4,078
Yield per acre.....	Lb.....	510	463	474	436	453	465	520	420	547	404
Price ²	Cents per lb.....	31.0	23.1	38.1	22.0	51.3	64.1	52.3	58.4	63.4	76.4
Tobacco:											
Acreage harvested.....	1,000 acres.....	1,126	926	923	898	1,087	1,047	966	964	827	915
Production.....	Mil. lb.....	2,160	1,854	1,874	1,906	2,182	2,137	1,914	2,025	1,527	1,779
Farm value ¹	Mil. dol.....	1,311	1,288	1,752	1,389	2,238	2,404	2,270	2,680	2,154	2,709
Yield per acre.....	Lb.....	1,919	2,004	2,030	2,122	2,008	2,041	1,982	2,101	1,845	1,945
Price ²	Dol. per lb.....	.61	.69	.93	.73	1.03	1.13	1.19	1.32	1.41	1.52
Sorghum for grain:											
Acreage harvested.....	1,000 acres.....	12,131	13,739	14,853	13,568	15,403	14,466	13,797	13,410	12,901	12,722
Production.....	Mil. bu.....	548	723	794	683	754	711	781	731	809	588
Farm value ¹	Mil. dol.....	548	743	1,494	780	1,777	1,431	1,412	1,464	1,880	1,774
Yield per acre.....	Bu.....	45.1	52.6	53.5	50.4	49.0	49.1	56.6	54.5	62.7	46.2
Price ²	Dol. per bu.....	1.00	1.03	1.89	1.14	2.36	2.03	1.82	2.01	2.34	3.02
Rice, rough:											
Acreage harvested.....	1,000 acres.....	1,742	2,047	2,231	1,815	2,818	2,480	2,249	2,970	2,869	3,295
Production.....	Mil. cwt.....	68	91	101	84	128	116	99	133	132	145
Farm value ¹	Mil. dol.....	340	455	929	433	1,072	811	941	1,087	1,364	1,741
Yield per acre.....	Lb.....	3,903	4,439	4,525	4,618	4,558	4,663	4,412	4,484	4,599	4,403
Price ²	Dol. per cwt.....	5.00	5.01	9.20	5.17	8.35	7.02	9.49	8.16	10.50	12.00
Potatoes:											
Acreage harvested.....	1,000 acres.....	1,361	1,428	1,321	1,421	1,260	1,371	1,360	1,375	1,270	1,155
Production.....	Mil. cwt.....	272	309	316	326	322	358	355	366	342	301
Farm value ¹	Mil. dol.....	580	652	1,154	715	1,445	1,283	1,254	1,224	1,172	1,720
Yield per acre.....	Cwt.....	200	217	239	229	256	261	261	267	270	261
Price ²	Dol. per cwt.....	2.13	2.11	3.67	2.21	4.48	3.59	3.55	3.38	3.43	5.73
Oats:											
Acreage harvested.....	1,000 acres.....	21,170	17,652	13,706	18,594	13,038	11,834	13,485	11,126	9,679	8,640
Production.....	Mil. bu.....	954	886	693	915	639	540	753	582	527	458
Farm value ¹	Mil. dol.....	604	560	732	582	924	835	823	689	714	623
Yield per acre.....	Bu.....	45.1	50.2	50.6	49.2	49.0	45.7	55.8	52.3	54.4	53.0
Price ²	Dol. per bu.....	.63	.63	1.05	.62	1.45	1.56	1.09	1.20	1.36	1.82
Sugar beets:											
Acreage harvested.....	1,000 acres.....	1,212	1,329	1,323	1,413	1,517	1,479	1,216	1,269	1,120	1,189
Production.....	Mil. tons ³	20.7	23.8	26.4	26.4	29.7	29.4	25.0	25.8	22.0	23.5
Farm value ¹	Mil. dol.....	248	323	691	392	821	617	604	650	745	(NA)
Yield per acre.....	Short tons.....	17.1	17.9	19.9	18.7	19.6	19.9	20.6	20.3	19.6	19.8
Price ²	Dol. per ton.....	11.98	13.57	26.20	14.80	27.60	21.00	24.20	25.20	33.90	(NA)

NA Not available. ¹Values are based on season average prices; see footnote 2. ²Season average price received by farmers. State prices weighted by sales to obtain U.S. price. For certain years, prices for wheat, rice, corn for grain, grain sorghums, oats, soybeans, and cotton include an allowance for unredeemed loans and purchase agreement deliveries.

³In short tons. ⁴Prices are for hay sold baled. ⁵State production figures, which conform with U.S. Bureau of the Census annual ginning enumeration with allowance for cross-State ginnings, rounded to thousands and added for U.S. totals.

⁶Bales of 500 pounds, gross weight. Beginning 1970, bales of 480 lb., net weight. ⁷Based on reported price of grain sorghum.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service. In *Agricultural Statistics*, annual; *Crop Production*, annual; and *Field Crops—Production, Disposition, Value*, annual.

No. 1222. CROPS—ACREAGE AND VALUE, 1978 TO 1980, AND ORDER OF VALUE, 1979, BY STATES

STATE	ACREAGE HARVESTED (1,000)			FARM VALUE (mil. dol.)				Crops in order of value, 1979
	1978	1979	1980, prel.	1978	1979	1980, prel.		
						Value	Rank	
U.S. ¹	326,766	337,686	340,905	65,080	77,656	84,047	(X)	Corn, soybeans, wheat, hay.
Ala.....	3,841	4,136	4,045	673	798	630	33	Soybeans, peanuts, cotton lint, corn.
Ariz.....	1,066	1,083	1,214	701	867	1,002	29	Cotton lint, lettuce, hay, cotton seed.
Ark.....	8,100	8,333	8,343	1,552	1,805	1,620	18	Soybeans, rice, cotton lint, hay.
Calif.....	6,296	6,455	6,640	6,239	8,254	8,595	1	Cotton lint, grapes, hay, almonds.
Colo.....	6,016	6,262	6,938	709	932	1,160	23	Wheat, corn, hay, sugar beets.
Conn.....	148	144	145	53	68	80	46	Tobacco, hay, apples, potatoes.
Del.....	499	519	526	117	132	131	43	Soybeans, corn, potatoes, mushrooms.
Fla.....	1,499	1,537	1,521	2,091	2,528	2,303	11	Oranges, sugarcane, ² tomatoes, grapefruit.
Ga.....	4,902	5,374	5,622	1,157	1,399	1,103	24	Soybeans, peanuts, corn, tobacco.
Hawaii.....	106	108	108	281	332	428	35	(NA).
Idaho.....	4,693	4,594	4,681	1,013	1,173	1,366	20	Wheat, potatoes, hay, barley.
Ill.....	23,151	23,827	24,002	5,343	6,619	7,040	3	Corn, soybeans, wheat, hay.
Ind.....	12,397	12,553	12,878	2,776	3,122	3,888	7	Corn, soybeans, wheat, hay.
Iowa.....	24,568	25,342	25,646	5,540	6,418	8,239	2	Corn, soybeans, hay, oats.
Kans.....	20,136	20,858	21,995	2,042	3,062	3,082	9	Wheat, sorghum, corn, hay.
Ky.....	4,995	5,223	5,447	1,362	1,421	1,638	17	Tobacco, corn, soybeans, hay.
La.....	4,926	5,129	5,273	1,009	1,275	1,090	26	Soybeans, rice, cotton lint, sugarcane. ²
Maine.....	420	411	405	151	137	189	41	Potatoes, hay, apples, oats.
Md.....	1,541	1,562	1,591	354	376	398	36	Corn, soybeans, hay, tobacco.
Mass.....	165	162	164	84	89	104	45	Cranberries, hay, apples, tobacco.
Mich.....	6,689	6,909	7,076	1,335	1,570	1,950	14	Corn, soybeans, hay, wheat.
Minn.....	20,987	21,653	21,830	3,512	3,646	4,684	4	Corn, soybeans, wheat, hay.
Miss.....	6,192	6,404	6,358	1,182	1,463	1,221	21	Soybeans, cotton lint, rice, cotton seed.
Mo.....	13,357	14,338	14,669	2,085	2,534	2,463	10	Soybeans, corn, hay, wheat.
Mont.....	6,892	8,813	8,564	752	799	921	31	Wheat, hay, barley, sugar beets.
Nebr.....	17,560	18,213	19,025	2,847	3,434	3,917	6	Corn, sorghum, soybeans, wheat.
Nev.....	547	562	571	67	122	139	42	Hay, potatoes, alfalfa seed, wheat.
N.H.....	114	116	118	22	22	24	48	Hay, apples, maple sirup.
N.J.....	532	549	525	220	226	235	39	Soybeans, corn, tomatoes, hay.
N. Mex.....	1,230	1,323	1,383	221	261	290	37	Hay, cotton lint, wheat, sorghum.
N.Y.....	4,273	4,311	4,334	638	867	1,091	25	Hay, corn, apples, potatoes.
N.C.....	4,980	5,263	5,408	2,034	1,841	2,130	13	Tobacco, corn, soybeans, peanuts.
N. Dak.....	20,234	20,726	18,435	1,831	2,077	1,695	16	Wheat, sunflower, hay, barley.
Ohio.....	10,764	11,023	11,040	2,256	2,624	3,353	8	Corn, soybeans, wheat, hay.
Okla.....	9,135	9,630	9,904	878	1,446	1,192	22	Wheat, hay, cotton lint, sorghum.
Oreg.....	2,692	2,646	2,738	775	856	1,062	27	Wheat, hay, potatoes, pears.
Pa.....	4,374	4,496	4,564	950	984	1,043	28	Corn, hay, mushrooms, apples.
R.I.....	19	18	18	7	5	9	49	Potatoes, hay, apples.
S.C.....	2,710	2,858	2,884	684	734	657	32	Soybeans, tobacco, corn, peaches.
S. Dak.....	14,730	15,121	14,858	1,062	1,350	1,451	19	Corn, hay, wheat, soybeans.
Tenn.....	5,033	5,211	5,291	897	978	945	30	Soybeans, corn, tobacco, hay.
Tex.....	21,113	22,750	22,450	3,291	4,617	4,099	5	Cotton lint, sorghum, wheat, hay.
Utah.....	1,146	1,149	1,144	178	213	252	38	Hay, wheat, barley, tart cherries.
Vt.....	548	544	549	71	67	70	47	Hay, maple sirup, apples, potatoes.
Va.....	2,783	2,849	3,012	681	866	620	34	Tobacco, corn, hay, soybeans.
Wash.....	4,648	4,556	4,838	1,456	1,548	1,903	15	Wheat, apples, hay, potatoes.
W. Va.....	719	714	722	91	82	105	44	Hay, apples, corn, peaches.
Wis.....	9,431	9,476	9,559	1,398	1,573	2,206	12	Corn, hay, potatoes, oats.
Wyo.....	1,871	1,853	1,854	193	225	234	40	Hay, sugar beets, barley, wheat.

NA Not available. X Not applicable. ¹Excludes Alaska. ²For sugar and seed.Source: U.S. Dept. of Agriculture, Economic Research Service, *Crop Production; Commercial Vegetables; Field Seeds; and Crop Values*; all annual.

NO. 1223. CORN—SUPPLY, DISAPPEARANCE, AND PRICE SUPPORT: 1960 TO 1980

(In millions of bushels, except as noted. For years beginning October)

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, prel.
Supply, total	5,695	5,251	5,161	6,380	5,187	6,204	6,692	7,394	8,381	9,244	8,266
Production.....	3,907	4,103	4,152	5,671	4,701	5,841	6,289	6,505	7,268	7,939	6,648
Imports ¹	1	1	4	1	2	2	3	3	1	1	1
Carryover stocks, Oct. 1.....	1,787	1,147	1,005	708	484	361	400	886	1,111	1,304	1,617
Disappearance, total	3,679	4,409	4,495	5,896	4,826	5,804	5,805	6,282	7,077	7,627	7,400
Domestic.....	3,367	3,722	3,978	4,653	3,677	4,093	4,121	4,334	4,944	5,194	4,850
Livestock feed and residual.....	3,092	3,362	3,593	4,205	3,226	3,570	3,571	3,744	4,324	4,519	4,100
Food, industry, and seed.....	295	360	385	448	451	523	550	590	620	675	750
Exports ¹	292	687	517	1,243	1,149	1,711	1,684	1,948	2,133	2,430	2,550
Price support operations: ²											
National avg. loan rate (dol. per bu.).....	1.06	1.05	1.05	1.05	1.10	1.10	1.60	2.00	2.00	2.10	³ 2.25
Quantity placed under loan.....	637	215	324	261	77	147	276	1,159	642	558	833
Percent of production.....	16	5	8	5	2	3	4	18	9	7	13
Support or target price (dol. per bu.) ⁴	1.06	1.25	1.35	1.64	1.38	1.38	1.57	2.00	2.10	2.10	³ 2.05

¹ Includes grain equivalent of corn products. ² See text, p. 657. ³ National average loan rate for corn put into farmer-owned reserve because of grain embargo was \$2.40 per bushel. Target price for similar corn was \$2.35 per bushel. ⁴ Guaranteed on normal production from participating farms.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Feed Situation*, quarterly, and *Agricultural Supply and Demand Estimates*, annual. Also in *Agricultural Statistics*, annual.

NO. 1224. CORN FOR GRAIN—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1978 TO 1980

(See *Historical Statistics, Colonial Times to 1970*, series K 502-505, for U.S. data on corn for all purposes)

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (bu.) ¹			PRODUCTION (mil. bu.) ¹			FARM VALUE (mil. dol.)			PRICE ² (dol. per bu.)	
	1978	1979	1980, prel.	1978	1979	1980, prel.	1978	1979	1980, prel.	1978	1979	1980, prel.	1979	1980, prel.
Total	71,930	72,400	73,061	101	110	91	7,268	7,939	6,648	16,281	19,904	21,687	2.52	3.27
Ala.....	544	502	405	50	61	36	27	31	14	64	90	53	2.95	3.65
Calif.....	281	260	270	126	117	135	35	30	36	102	99	151	3.26	4.15
Colo.....	730	760	760	110	127	118	80	97	90	161	244	274	2.53	3.05
Del.....	157	159	177	96	102	72	15	16	13	35	47	47	2.90	3.70
Fla.....	342	339	328	52	53	47	18	18	15	37	51	52	2.85	3.40
Ga.....	1,500	1,550	1,300	50	65	42	75	101	55	185	288	191	2.86	3.50
Ill.....	11,170	11,050	11,460	111	128	93	1,240	1,414	1,066	2,852	3,635	3,517	2.57	3.30
Ind.....	6,200	6,030	6,280	108	112	96	670	675	603	1,493	1,722	1,990	2.55	3.30
Iowa.....	12,850	13,100	13,300	115	127	110	1,478	1,664	1,463	3,207	4,026	4,608	2.42	3.15
Kans.....	1,500	1,470	1,240	102	117	94	153	172	116	360	432	396	2.51	3.40
Ky.....	1,410	1,300	1,480	85	102	70	120	133	104	288	361	383	2.72	3.70
Md.....	590	595	640	97	99	72	57	59	46	136	167	168	2.84	3.65
Mich.....	2,400	2,500	2,600	81	95	95	194	237	247	431	584	790	2.46	3.20
Minn.....	6,180	6,060	6,290	104	100	97	644	606	610	1,339	1,370	1,861	2.26	3.05
Mo.....	2,300	2,330	2,070	87	103	53	200	240	110	452	583	379	2.43	3.45
Nebr.....	6,750	7,150	7,100	113	115	85	763	822	603	1,693	1,990	1,961	2.42	3.25
N.Y.....	600	650	730	86	92	93	52	60	68	126	162	238	2.71	3.50
N.C.....	1,600	1,690	1,730	76	76	60	122	128	104	292	365	379	2.84	3.65
N. Dak.....	300	313	290	79	76	58	24	24	17	49	51	50	2.13	3.00
Ohio.....	3,610	3,630	3,900	105	115	113	379	417	441	864	1,090	1,454	2.81	3.30
Pa.....	1,220	1,280	1,280	95	95	75	116	122	96	311	361	370	2.97	3.65
S.C.....	550	509	515	57	80	48	31	41	25	77	118	87	2.90	3.50
S. Dak.....	2,650	2,850	2,300	67	74	53	177	211	122	339	437	372	2.07	3.05
Tenn.....	560	620	640	69	85	45	46	53	29	109	150	105	2.85	3.65
Tex.....	1,440	1,260	1,300	100	105	90	144	132	117	353	373	410	2.82	3.50
Va.....	630	615	595	83	83	55	52	51	33	123	144	116	2.83	3.55
Wis.....	3,000	3,080	3,350	98	103	104	294	317	348	629	771	1,080	2.43	3.10
Other.....	756	748	731	82	90	78	62	68	57	154	193	205	(x)	(x)

X. Not applicable. ¹ 56 pounds per bushel. ² Season average price received by farmers. State prices weighted by sales to obtain U.S. prices. Includes an allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate, by States.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production*, annual, and *Field Crops—Production, Disposition, Value*, annual.

No. 1225. WHEAT—SUPPLY, DISAPPEARANCE, AND PRICE SUPPORT: 1960 TO 1980

[In millions of 60-pound bushels, except as noted. For years beginning June 1. For explanation of price support operations, see text, p. 657. See *Historical Statistics, Colonial Times to 1970*, series K 507 and 509-510, for production and stocks]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, prel.
Supply	2,747	2,238	2,336	2,311	2,125	2,564	2,817	3,161	2,956	3,060	3,274
Production.....	1,355	1,316	1,352	1,711	1,782	2,127	2,149	2,046	1,776	2,134	2,370
Imports ¹	8	1	1	3	3	2	2	2	2	2	2
Stocks, June 1, total.....	1,384	921	983	597	340	435	666	1,113	1,178	924	902
Disappearance	1,245	1,577	1,513	1,971	1,690	1,899	1,704	1,983	2,032	2,158	2,320
Domestic use.....	591	725	772	754	672	728	754	659	838	783	795
Food ²	495	518	517	544	545	589	588	586	592	595	610
Seed and feed ³	95	207	255	210	127	137	166	273	246	198	185
Exports ⁴	653	852	741	1,217	1,018	1,173	950	1,124	1,194	1,375	1,525
Price support operations:											
Support or target price per bushel ⁴	\$1.78	\$1.72	\$2.00	\$1.46	\$2.05	\$2.05	\$2.29	\$2.90	\$3.40	\$3.40	\$3.63
Quantity under support.....	424	173	254	60	37	52	499	591	257	162	330
Percent of production.....	31.3	13.1	18.5	3.5	2.1	2.4	23.2	29.0	14.5	8.5	13.9

¹ Imports and exports include flour and other products expressed in wheat equivalent. Compiled from reports of the U.S. Bureau of the Census. ² Used for food in the U.S., U.S. Territories, and by the military. ³ Residual; approximates feed use and includes negligible quantities used for distilled spirits and beer. ⁴ Beginning 1974, target price on allotted production.

Source: U.S. Dept. of Agriculture, Economic Research Service. In *Agricultural Statistics*, annual, and *Wheat Situation*, quarterly.

No. 1226. WHEAT—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1978 TO 1980

[See *Historical Statistics, Colonial Times to 1970*, series K 506-508, for U.S. acreage, production, and price]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (bushels) ²			PRODUCTION (mil. bushels) ²			FARM VALUE (mil. dol.)		PRICE ³ (dol. per bu.)	
	1978	1979	1980 ¹	1978	1979	1980 ¹	1978	1979	1980 ¹	1978	1979	1979	1980 ¹
Total	56,495	62,454	70,853	31	34	33	1,776	2,134	2,370	5,281	8,070	9,397	3.78
Ariz.....	138	125	215	70	76	80	9.7	9.5	17.2	28.4	35.0	70.3	3.66
Ark.....	300	420	820	37	35	38	11.1	14.7	31.2	31.0	54.5	118.4	3.71
Calif.....	665	800	1,150	64	71	74	42.7	55.5	85.5	137.0	227.5	357.9	4.03
Colo.....	2,523	2,641	3,395	24	27	32	59.3	70.2	109.9	166.3	245.0	411.6	3.49
Ga.....	120	175	600	32	35	33	3.8	6.1	19.8	11.3	23.0	72.3	3.75
Idaho.....	1,370	1,470	1,550	55	50	62	75.4	74.1	96.0	235.2	260.4	353.5	3.51
Ill.....	880	1,250	1,570	38	43	48	33.4	53.8	75.4	101.3	213.4	297.7	3.97
Ind.....	740	945	1,100	39	47	49	28.9	44.4	53.9	87.7	176.8	210.2	3.98
Kans.....	10,000	10,800	12,000	30	38	35	300.0	410.4	420.0	867.0	1,526.7	1,617.0	3.72
Ky.....	180	290	350	36	38	40	6.5	11.0	13.8	20.4	44.1	53.2	4.00
Md.....	80	90	97	37	37	38	3.0	3.3	3.7	8.9	13.7	14.6	4.12
Mich.....	410	735	800	40	43	44	16.4	31.6	35.2	54.1	120.7	126.7	3.82
Minn.....	2,776	2,578	3,169	34	35	32	93.2	90.4	102.8	275.6	335.3	426.2	3.71
Miss.....	65	115	250	31	32	31	2.0	3.7	7.8	5.9	15.1	32.6	4.10
Mo.....	840	1,800	2,070	34	44	43	28.6	70.4	89.0	84.0	267.5	333.8	3.80
Mont.....	4,840	5,125	5,100	30	23	24	146.1	116.5	119.8	402.1	414.4	505.1	3.56
Nebr.....	2,550	2,550	2,950	32	34	38	81.6	86.7	112.1	227.7	315.6	426.0	3.64
N. Mex.....	336	410	500	18	22	21	6.0	9.0	10.5	17.2	35.3	39.9	3.91
N.Y.....	75	160	150	35	41	40	2.6	6.6	6.0	8.8	24.7	23.7	3.77
N.C.....	180	210	300	33	36	35	5.9	7.6	10.5	16.9	28.0	39.4	3.70
N. Dak.....	9,585	9,600	9,620	30	26	19	286.1	252.2	179.7	813.2	964.1	822.4	3.82
Ohio.....	1,080	1,320	1,370	39	48	49	42.1	63.4	67.1	135.6	258.5	275.2	4.08
Okla.....	5,400	5,700	6,500	27	38	30	145.8	216.6	195.0	441.8	846.9	750.8	3.91
Oreg.....	1,225	1,245	1,350	42	46	57	51.9	57.3	77.4	162.3	217.2	309.6	3.79
Pa.....	215	235	250	33	31	37	7.1	7.3	9.3	23.8	30.9	38.4	4.24
S. Dak.....	3,090	2,805	3,245	21	21	19	66.0	60.1	62.4	185.2	218.6	269.7	3.64
Tenn.....	180	250	350	35	34	36	6.3	8.5	13.3	18.3	32.3	50.5	3.80
Tex.....	2,700	4,600	5,200	20	30	25	54.0	138.0	130.0	158.2	528.5	487.5	3.83
Utah.....	270	282	272	30	26	33	8.1	7.4	8.9	24.2	26.8	35.1	3.80
Va.....	133	180	286	35	35	37	4.7	6.3	10.6	14.2	25.8	41.3	4.10
Wash.....	2,910	2,980	3,160	44	40	51	128.2	118.0	160.2	442.2	460.2	648.9	3.90
Wyo.....	294	287	309	26	22	28	7.6	6.4	8.5	20.8	22.1	32.4	3.48
Other.....	345	481	805	33	34	34	11.5	16.1	27.5	34.4	61.8	105.0	(x)

X Not applicable. ¹ Preliminary. ² 60 pounds per bushel. ³ See footnote 2, table 1224.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production*, annual, and *Field Crops—Production, Disposition, Value*, annual.

No. 1227. SORGHUM GRAIN—SUPPLY, DISAPPEARANCE, AND PRICE SUPPORT: 1960 TO 1980

[In millions of bushels, except as noted. For years beginning Oct. For explanation of price supports, see p. 657]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, prel.
Total supply	1,201	1,239	927	943	996	684	789	762	872	922	969	735
Production.....	620	673	683	801	923	623	754	711	781	731	809	588
Carryover stocks.....	581	566	244	142	73	61	35	51	91	191	160	147
Disappearance	499	848	837	870	935	649	738	671	682	763	822	611
Domestic, total.....	428	582	693	656	701	437	509	425	468	556	497	361
Feed and residual.....	415	569	680	648	690	426	498	414	456	545	484	350
Exports.....	71	266	144	212	234	212	229	246	214	207	325	250
Price support operations:												
National avg. loan rate per cwt.....	\$1.52	\$1.65	\$1.61	\$1.79	\$1.79	\$1.88	\$1.88	\$2.55	\$3.39	\$3.39	\$3.57	\$3.82
Placed under loan (mil. cwt).....	113.6	59.4	17.1	16.7	13.2	2.2	5.1	12.5	121.7	51.6	35.6	17.6
Percent of production.....	33	16	4	4	3	1	1	3	27	13	8	5
Target price per cwt.....	\$1.52	\$2.00	\$2.14	\$2.39	\$2.61	\$2.34	\$2.34	\$2.66	\$4.07	\$4.07	\$4.18	\$4.38

¹ National average loan rate for sorghum grain put into farmer-owned reserve because of grain embargo was \$4.07 per cwt. Target price for similar sorghum was \$4.46 per cwt.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Feed Situation*, quarterly, and *Agricultural Supply and Demand Estimates*, periodic. Also in *Agricultural Statistics*, annual.

No. 1228. RICE, ROUGH EQUIVALENT—SUPPLY, DISAPPEARANCE, AND PRICE SUPPORT: 1960 TO 1980

[In millions of hundredweight, except as noted. For years beginning August. Milled rice converted to a rough rice basis. See *Historical Statistics, Colonial Times to 1970*, series K 539, for production]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980 ¹
Supply, total	67.0	84.8	101.7	98.1	120.3	135.5	152.6	139.8	160.6	163.6	171.0
Farm production.....	54.6	76.3	83.8	92.8	112.4	128.4	115.6	99.2	133.2	131.9	145.1
Beginning stocks.....	12.1	7.7	16.4	5.1	7.8	7.1	36.9	40.5	27.4	31.6	25.7
Imports.....	.3	.7	1.4	.2	(2)	(2)	.1	.1	.1	.1	.2
Disappearance, total	56.4	74.2	80.9	87.5	110.5	96.8	108.3	110.5	124.9	151.4	149.8
Domestic.....	26.9	30.8	34.4	37.8	41.0	40.3	42.7	37.7	49.2	48.9	55.5
Food.....	19.9	23.4	25.1	26.1	28.6	27.7	29.2	23.5	33.7	32.9	40.0
Industry.....	4.9	4.7	6.8	8.1	8.4	9.1	10.3	9.9	11.2	11.2	10.8
Seed.....	2.1	2.7	2.5	3.6	4.0	3.5	3.2	4.3	4.3	4.8	4.7
Exports.....	29.5	43.3	² 46.5	49.7	69.5	56.5	65.6	72.8	75.7	82.5	94.3
Statistical discrepancy ³	+5	+2.2	+2.1	+2.7	+2.7	+1.8	+3.8	+1.9	+4.1	+6.5	+3.0
Price support operations:											
Support or target price per cwt ⁴	\$4.42	\$4.50	\$4.86	\$6.07	\$7.54	\$8.52	\$8.25	\$8.25	\$8.53	\$9.05	\$9.49
Quantity under support.....	13.1	10.0	20.8	19.1	9.3	21.5	23.4	19.5	27.1	26.1	25.0
Percent of production.....	24.0	13.1	24.8	20.6	8.3	16.7	20.2	19.7	20.3	19.9	17.2

² Less than 50,000. ¹ Preliminary. ³ Adjusted on basis of bills of lading presented to U.S. Dept. of Agriculture.

⁴ Results from losses in storage and handling and errors in estimation. ⁵ Represents target price on allotted production.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Agricultural Statistics*, annual.

No. 1229. POTATOES—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1978 TO 1980

[Excludes Alaska and Hawaii. 1980 preliminary. Price is season average received by farmers; State prices weighted by sales. See *Historical Statistics, Colonial Times to 1970*, series K 532-534, for U.S. acreage, production, price]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (cwt)			PRODUCTION (mil. cwt)			PRICE (dol. per cwt)			FARM VALUE (mil. dol.)		
	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980
Total	1,375	1,270	1,155	267	270	261	366	342	301	3.38	3.43	5.73	1,224	1,172	1,720
Calif.....	57	56	51	312	372	370	18	21	19	6.69	5.00	8.40	119	105	157
Colo.....	48	46	42	272	288	297	13	13	13	2.34	2.91	5.05	30	39	64
Fla.....	32	28	27	175	215	194	6	6	5	6.21	5.06	6.80	35	30	36
Idaho.....	365	350	300	275	258	262	100	85	78	2.25	2.95	4.40	228	251	345
Maine.....	118	113	104	220	245	240	26	28	25	3.86	3.25	5.80	100	90	140
Mich.....	42	41	40	235	235	227	10	10	9	4.57	4.44	6.95	45	42	63
Minn.....	78	74	69	218	198	168	17	15	11	2.95	3.11	6.55	49	46	75
Nev.....	17	15	13	320	330	340	5	5	4	2.40	2.75	3.80	13	14	17
N.J.....	49	45	44	262	285	244	13	13	11	4.49	4.14	8.50	57	54	90
N.Y.....	135	114	112	175	180	140	24	18	16	2.60	3.25	5.60	61	59	88
Oreg.....	68	63	47	421	402	420	28	25	20	2.76	2.83	4.40	79	72	87
Pa.....	25	24	22	250	250	190	6	6	4	4.85	5.00	8.50	30	30	36
Wash.....	111	102	87	455	475	505	51	48	44	2.45	2.55	4.20	124	123	184
Wis.....	55	54	50	315	315	320	17	17	16	4.13	4.30	8.70	72	73	139
Other.....	176	165	147	185	197	176	32	32	26	(x)	(x)	(x)	184	144	199

X Not applicable.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production*, annual, and *Crop Values*, annual.

NO. 1230. COTTON—SUMMARY: 1960 TO 1980

[In thousands of net weight 480 lb. bales, except as indicated. For years beginning Aug. 1. Excludes linters. Excludes Alaska, Hawaii, and Puerto Rico except for imports and exports. Production figures relate to crop of current calendar year and are compiled from reports of individual ginners. Price per pound is average price received by farmers. For stocks, see *Historical Statistics, Colonial Times to 1970*, series K 554-556]

YEARLY AVERAGE OR YEAR	PRODUCTION		Consumption ²	Net exports ²	Net imports ²	Beginning carry-over	Average price per pound of upland cotton ² (cents)	PRICE SUPPORT OPERATIONS ³		
	Running bales ¹	Equivalent 480-lb. bales						Price per lb. ⁴ (cents)	Total under support	Per cent of production
1960-1964	14,779	14,794	8,676	5,062	134	9,232	31.2	32.8	7,044	48.6
1965-1969	10,557	10,571	8,920	3,586	98	11,358	23.7	32.6	3,917	37.5
1970-1974	11,511	11,777	7,513	4,528	45	4,267	33.3	37.6	1,932	16.8
1975-1979	11,465	11,751	6,653	5,798	29	4,324	57.6	43.6	9,394	16.1
1970.....	10,112	10,192	8,204	3,897	37	5,843	21.9	37.1	2,386	23.7
1974.....	11,328	11,640	5,860	3,926	34	3,808	42.7	27.1	2,420	21.5
1975.....	8,151	8,302	7,250	3,311	92	6,708	51.1	35.1	691	8.5
1976.....	10,347	10,581	6,674	4,784	38	3,681	63.8	38.9	941	9.2
1977.....	14,018	14,389	6,483	5,484	5	2,928	52.1	44.6	4,518	31.6
1978.....	10,549	10,655	6,352	6,180	4	5,347	58.1	48.0	1,524	14.2
1979.....	14,262	14,629	6,506	9,229	5	3,858	63.1	50.2	1,720	11.8
1980, prel.....	10,824	11,122	5,765	6,032	37	3,000	76.1	48.0	2,300	20.9

¹ Round counted as half bales. ² Adjusted to cotton season. ³ Data from U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service. 1980 price is the average for the first eight months of the marketing year. American upland cotton. ⁴ For 1960-63, support loan for middling 1-1/4; 1964-74, support loan plus direct support payment; 1975-80, loan rate for strict low middling 1-1/4, mic. 3.5-4.9. For text on price supports, see p. 657.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Cotton and Wool Outlook Statistics*, periodic.

NO. 1231. COTTON—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1978 TO 1980

[Cotton production excludes linters. Values shown are for marketing season or crop year and should not be confused with calendar-year income. See *Historical Statistics, Colonial Times to 1970*, series K 553-558 for U.S. totals]

STATE	ACREAGE HARVESTED (1,000)			YIELD PER ACRE (lb.)			BALES (480 lb. net wt.) (1,000)			FARM VALUE (mil. dol.) ¹			FARM PRICE PER LB. ¹ (cents)		
	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980
Total ² ..	12,400	12,831	13,215	420	547	404	10,856	14,629	11,122	3,045	4,450	4,078	58.4	63.4	76.4
Ala.....	315	305	321	443	510	411	291	324	275	84	102	105	60.3	65.3	79.9
Ariz.....	572	618	631	941	1,046	1,085	1,122	1,347	1,428	318	451	539	59.0	69.7	78.7
Ark.....	780	530	645	417	549	330	680	606	444	190	190	164	60.1	65.3	77.1
Calif.....	1,455	1,635	1,500	640	1,000	995	1,940	3,408	3,109	595	1,186	1,210	63.9	72.5	81.1
Ga.....	115	150	180	463	486	258	111	152	86	32	48	33	60.2	65.5	78.9
La.....	510	465	560	450	712	390	478	690	460	136	212	172	60.0	64.0	77.9
Miss.....	1,180	1,050	1,125	561	657	486	1,378	1,437	1,143	397	438	420	60.0	63.5	76.6
Mo.....	182	137	241	496	550	353	188	157	177	55	47	62	60.6	62.4	72.7
N. Mex.....	123	141	127	446	380	430	114	112	114	36	38	45	65.0	70.7	81.6
N.C.....	42	45	65	515	455	381	45	43	52	14	13	20	65.4	64.7	79.5
Okl.....	585	580	565	292	432	174	355	522	205	92	150	76	53.9	59.7	77.4
S.C.....	98	109	120	562	510	309	115	116	77	35	37	30	62.7	66.2	78.9
Tenn.....	230	230	275	490	357	349	235	171	200	69	52	75	61.2	62.9	78.4
Tex.....	6,228	6,831	6,873	284	389	234	3,819	5,539	3,345	989	1,466	1,124	54.0	55.9	70.0

¹ Includes allowance for unredeemed loans in 1978 and 1979. For 1980, average price to Apr. 1, 1981, with no allowance for unredeemed loans. ² Includes States not shown separately.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production*, annual, and *Crop Values*, annual.

NO. 1232. TOBACCO—PRODUCTION, DISAPPEARANCE, AND STOCKS: 1961 TO 1980

[In millions of pounds. Flue-cured and cigar wrapper, crop year, July-June; all other types, October-September. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. Farm-sales-weight basis, except as noted. See *Historical Statistics, Colonial Times to 1970*, series K 562, for production]

ITEM	1961-1965, avg.	1966-1970, avg.	1971-1975, avg.	1976-1980, avg.	1970	1974	1975	1976	1977	1978	1979	1980
Production.....	2,161	1,854	1,874	1,876	1,906	1,990	2,182	2,137	1,914	2,025	1,527	1,779
Domestic disappearance ¹	1,468	1,340	1,308	1,189	1,278	1,289	1,280	1,229	1,202	1,190	1,175	1,148
Exports.....	563	650	650	684	639	653	654	678	693	765	694	640
Imports ²	170	220	329	369	219	300	391	366	322	376	415	366
Stocks, end of year ³	4,182	4,015	3,290	3,442	3,678	3,003	3,297	3,540	3,560	3,601	3,259	3,248

¹ U.S. tobacco only. ² Estimated. ³ Source: U.S. Bureau of the Census. Calendar year, declared weight; includes stems, trimmings, and scrap. ⁴ Marketing year.

Source: Except as noted, U.S. Dept. of Agriculture, Economic Research Service, *Tobacco Situation*, quarterly.

NO. 1233. TOBACCO—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1978 TO 1980

[See *Historical Statistics, Colonial Times to 1970*, series K 561-563, for U.S. acreage, production, and price]

STATE	ACREAGE HARVESTED (1,000)			YIELD PER ACRE (pounds)			PRODUCTION (mil. lb.)			PRICE ¹ (dol. per lb.)			FARM VALUE (mil. dol.)		
	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980
Total ²	964	827	915	2,101	1,845	1,945	2,025	1,527	1,779	1.32	1.41	1.52	2,680	2,154	2,709
Conn.	3	3	4	1,547	1,539	1,601	5	5	6	4.72	5.74	6.32	23	28	35
Fla.	11	10	10	2,100	2,250	1,975	22	23	20	1.44	1.35	1.45	32	31	29
Ga.	61	53	55	2,060	1,905	2,010	126	101	111	1.43	1.41	1.40	179	142	154
Ind.	7	6	7	2,350	1,950	2,300	16	12	17	1.31	1.45	1.66	20	17	28
Ky.	195	174	201	2,415	1,976	2,075	470	343	417	1.30	1.43	1.64	608	490	682
Md.	24	20	21	1,275	1,130	1,075	31	22	23	1.23	1.40	1.70	38	31	38
N.C.	412	338	379	2,062	1,840	2,011	850	621	762	1.33	1.40	1.47	1,132	867	1,118
Ohio.	10	10	11	2,229	1,435	1,788	23	14	20	1.22	1.38	1.59	28	19	32
Pa.	13	11	13	1,840	1,950	1,900	25	18	25	.62	.72	.87	16	13	21
S.C.	71	57	65	2,120	2,065	1,930	151	118	125	1.38	1.42	1.40	207	167	175
Tenn.	67	60	65	2,126	1,745	1,728	142	105	112	1.26	1.38	1.61	179	144	180
Va.	73	67	65	1,848	1,630	1,636	135	110	107	1.31	1.40	1.46	177	153	156
Wis.	12	13	13	1,678	1,942	1,978	20	25	25	1.01	1.17	1.25	20	29	32

¹ See footnote 2, table 1221. ² Includes States not shown separately.Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production*, annual, and *Crop Values*, annual.

NO. 1234. SUGAR, BEET AND CANE—SUPPLY AND DISAPPEARANCE: 1960 TO 1980

[In thousands of short tons, raw value. Minus sign (–) denotes decrease]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, prel.
Total supply	11,877	13,025	14,392	14,292	14,235	13,132	14,515	15,827	14,828	14,621	14,044
United States production	4,009	5,370	5,874	8,061	5,682	6,300	6,798	6,089	5,602	5,793	5,681
Beet	2,439	3,044	3,511	3,353	3,221	3,473	4,003	3,423	3,067	3,066	3,025
Mainland cane ¹	634	1,108	1,201	1,579	1,400	1,720	1,745	1,632	1,506	1,667	1,631
Hawaii	936	1,218	1,162	1,129	1,041	1,107	1,050	1,034	1,029	1,060	1,023
Imports	4,885	4,027	5,296	5,329	5,770	3,882	4,658	6,138	4,683	5,027	4,484
Puerto Rico	* 903	* 834	353	79	157	96	203	102	52	47	178
Beginning stocks	2,080	2,794	2,869	2,823	2,646	2,854	2,856	3,498	4,491	3,754	3,701
Total disappearance	9,447	10,220	10,926	11,646	11,381	10,276	11,017	11,336	11,074	10,920	10,998
U.S. consumption	9,022	10,080	10,532	11,429	10,945	10,302	10,893	11,099	10,889	10,756	10,189
Exports	46	89	66	26	72	216	76	22	16	18	650
Other ²	379	51	328	191	364	–242	48	215	169	146	159

¹ Florida, Louisiana, and, beginning 1973, Texas.² Includes minor quantities from Virgin Islands.³ Includes net change in

invisible stocks, balancing items, and minor quantities of sugar for livestock feed and alcohol.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Sugar and Sweetener Outlook and Situation*, monthly.

NO. 1235. SUGAR, BEET AND CANE—U.S. AND WORLD PRODUCTION AND U.S. PRICES: 1960 TO 1980

) [Production in thousands of short tons, raw value]

CROP YEAR	WORLD PRODUCTION		UNITED STATES PRODUCTION			CANE (cents per lb.)		
	Total	Percent U.S.	Beet	Cane		Wholesale, N.Y.		Retail, granulated, U.S.
				Mainland ¹	Hawaii	Raw, 96° ²	Refined	
1960	59,970	6.7	2,475	630	936	6.3	9.3	11.6
1965	68,467	7.5	2,816	1,104	1,218	6.8	10.0	11.8
1970	77,907	7.4	3,322	1,252	1,162	8.1	11.7	13.0
1972	82,760	7.7	3,632	1,620	1,119	9.1	13.1	13.9
1973	88,164	6.5	3,216	1,420	1,129	10.3	14.1	15.1
1974	86,557	6.4	3,021	1,461	1,041	29.5	34.4	32.3
1975	90,035	7.7	4,019	1,827	1,107	22.5	31.4	37.2
1976	95,089	7.0	3,895	1,674	1,050	13.3	19.2	24.0
1977	101,913	5.7	3,108	1,650	1,034	11.0	17.3	21.6
1978	100,450	5.9	3,269	1,593	1,029	13.9	20.9	23.7
1979	92,995	6.0	2,879	1,640	1,060	15.7	23.2	24.9
1980, prel.	94,807	5.9	3,084	1,705	1,023	30.1	41.0	42.7

¹ Florida, Louisiana, and, beginning 1973, Texas.² Centrifugal. Duty-paid.Source: U.S. Dept. of Agriculture, Economic Research Service, *Sugar and Sweetener Outlook and Situation*, monthly.

NO. 1236. SUGARCANE, BEET AND CANE SUGAR, AND MOLASSES—ACREAGE, PRODUCTION, AND VALUE: 1960 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series K 542-546]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980, prel.
Sugarcane for sugar and seed:											
Acreage harvested	1,000 acres	437	617	584	734	774	747	759	744	733	733
Yield per acre	Tons	37.7	38.4	41.1	34.2	36.6	37.6	35.3	35.0	36.2	36.8
Production	Mil. tons	16.5	23.7	24.0	25.1	28.3	28.1	26.8	26.0	26.5	27.0
Price per ton ¹	Dollars	² 7.41	² 7.90	² 10.50	48.50	21.50	15.20	17.70	19.50	26.00	(NA)
Farm value	Mil. dol.	² 57	² 110	² 140	1,221	608	425	474	507	691	(NA)
Sugar produced:											
Beet, raw value ³	1,000 tons	2,475	2,816	3,322	3,021	4,019	3,895	3,108	3,289	2,879	3,084
Cane, raw value ³	1,000 tons	1,566	2,322	2,416	2,512	2,934	2,724	2,684	2,812	2,700	2,728
Per ton of cane ⁴	Lb	199	204	210	212	214	197	209	211	213	213
Cane, refined basis ⁴	1,000 tons	1,464	2,170	2,258	2,347	2,743	2,545	2,508	2,441	2,524	2,550
Molasses made	Mil. gal.	101	146	141	156	183	181	165	162	165	163

NA Not available.

¹ Season average price received by farmers. Prices exclude Government payments under Sugar Act.

² Excludes Hawaii. ³ Raw value equals 96¹/₂ sugar as defined in Sugar Act of 1948.

⁴ Calculated on the basis of 100 lbs. of raw sugar required to produce 93.46 lbs. of refined sugar.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production*, annual, and *Crop Values*, annual.

NO. 1237. FATS AND OILS—SUPPLY, DISPOSITION, AND UTILIZATION: 1960 TO 1979

[In millions of pounds. Includes fat content of butter]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total supply	20,752	24,442	28,661	28,617	30,118	27,788	32,301	32,622	35,086	41,926
Production from domestic materials ¹	17,353	20,532	25,012	24,586	26,824	23,612	27,798	27,568	30,908	37,881
Exports ^{1,2}	5,965	7,481	10,150	10,482	11,768	9,592	11,579	12,869	14,982	17,959
Imports ³	1,074	1,189	1,363	1,487	1,389	2,203	2,422	1,962	1,876	1,644
Stocks, Jan. 1 ⁴	2,325	2,721	2,286	2,544	1,905	1,976	2,081	3,092	2,302	2,401
Domestic disappearance ⁵	12,649	14,538	16,119	16,230	16,374	16,115	17,639	17,315	17,703	21,318
Food uses ⁶	8,241	9,517	10,808	11,337	11,241	11,324	11,961	11,600	11,851	13,074
Butter (fat content)	1,112	1,040	890	812	776	821	758	761	800	793
Lard (direct)	1,361	1,226	940	705	681	632	585	511	512	565
Shortening	2,302	2,768	3,566	3,614	3,622	3,666	3,861	3,698	4,048	4,214
Margarine (fat content)	1,367	1,534	1,787	1,884	1,891	1,907	2,089	2,001	1,964	2,016
Other	2,094	2,949	3,635	4,322	4,271	4,298	4,689	4,629	4,927	5,486
Nonfood uses ⁶	4,419	5,002	5,141	5,158	5,451	5,015	5,711	5,642	5,133	5,185

¹ Includes oil equivalent of cottonseed, soybeans, peanuts, and flaxseed exported for crushing abroad. ² Includes commercial exports, voluntary or civilian relief, reexports, shipments to Puerto Rico, American Samoa, Guam, and Virgin Islands. ³ Includes production from imports. ⁴ Excludes Government strategic stockpiling of coconut, palm, castor, and sperm oils. ⁵ Includes Government stockpiling. ⁶ Domestic. Not adjusted for trade and change in stocks of shortening, margarine, soap, and secondaries.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Fats and Oils Situation*, quarterly, and *Agricultural Statistics*, annual.

NO. 1238. SOYBEANS—SUPPLY, DISAPPEARANCE, AND PRICE SUPPORT: 1960 TO 1980

[For years beginning Sept. 1. See *Historical Statistics, Colonial Times to 1970*, series K 521, for production]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980, est.
Supply, total	Mil. bu.	607	875	1,357	1,387	1,736	1,533	1,865	2,030	2,442	2,176
Production	Mil. bu.	555	846	1,127	1,216	1,548	1,289	1,767	1,869	2,268	1,817
Stocks, Sept. 1	Mil. bu.	52	30	230	171	188	245	103	161	174	359
Disappearance, total	Mil. bu.	580	840	1,258	1,199	1,491	1,430	1,704	1,856	2,083	1,831
Crushed	Mil. bu.	406	538	760	701	865	790	927	1,018	1,123	1,020
Seed	Mil. bu.	33	43	48	57	54	62	69	80	68	70
Feed and residual ¹	Mil. bu.	6	9	16	20	17	14	8	19	17	21
Net exports	Mil. bu.	135	251	434	421	555	584	700	739	875	720
Percent of total	Percent	23.2	29.8	34.5	35.1	37.2	39.5	41.1	39.8	42.0	39.3
Ending stocks	Mil. bu.	27	36	99	188	245	103	161	174	359	345
Price support:											
Support price per bushel	Dollars	1.85	2.25	2.25	2.25	(²)	2.50	3.50	4.50	4.50	5.02
Quantity under support	Mil. bu.	28	87	146	95	(²)	22	97	64	122	135
Percent of production	Percent	4.7	10.3	13.0	2.9	(X)	1.7	5.5	1.2	5.4	7.4

X Not applicable.

¹ Residual represents adjustment for statistical discrepancy.

² Price support not authorized for the 1975 crop.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Fats and Oils Situation*, quarterly, and *Agricultural Statistics*, annual.

NO. 1239. SOYBEANS FOR BEANS—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1978 TO 1980

[See *Historical Statistics, Colonial Times to 1970*, series K 521, for U.S. totals]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (bu.)			PRODUCTION (mil. bu.)			PRICE (dol. per bu.)			FARM VALUE (mil. dol.)		
	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980
Total ¹	63,663	70,566	67,856	29.4	32.1	26.8	1,869	2,268	1,817	6.66	6.28	7.61	12,450	14,250	13,825
Ala.....	1,850	2,150	2,100	21.0	25.0	15.0	39	54	32	6.43	6.15	7.60	250	331	239
Ark.....	4,700	5,150	4,350	24.5	28.0	16.0	115	144	70	6.72	6.44	8.05	774	929	560
Ga.....	1,680	2,100	2,140	17.5	28.0	12.0	29	59	26	6.39	6.32	7.55	188	372	194
Ill.....	9,240	9,720	9,250	33.5	39.0	33.5	310	379	310	6.75	6.46	7.70	2,089	2,449	2,386
Ind.....	4,180	4,420	4,380	34.5	36.0	36.0	144	159	158	6.68	6.32	7.70	963	1,006	1,214
Iowa.....	7,550	8,170	8,270	37.5	37.5	39.0	283	306	323	6.64	6.17	7.45	1,880	1,890	2,403
Kans.....	1,490	1,560	1,450	18.0	26.5	16.5	27	41	24	6.64	5.97	7.60	178	247	182
Ky.....	1,360	1,680	1,600	30.0	32.5	23.0	41	54	37	6.82	6.42	7.70	278	346	283
La.....	3,040	3,350	3,350	25.0	28.0	21.0	76	94	70	6.54	6.42	7.90	497	602	556
Mich.....	900	1,010	950	24.0	30.0	32.0	22	30	30	6.81	6.13	7.35	147	186	223
Minn.....	4,060	5,080	4,760	36.0	32.0	32.0	146	163	152	6.52	6.00	7.10	953	975	1,081
Miss.....	3,800	4,100	3,850	21.5	29.0	16.0	82	119	62	6.83	6.37	7.75	542	757	477
Mo.....	5,440	5,830	5,530	28.5	31.5	25.0	155	184	138	6.69	6.22	7.65	1,037	1,142	1,058
Nebr.....	1,250	1,610	1,770	34.0	34.0	30.0	43	55	53	6.50	5.93	7.35	276	325	390
N.C.....	1,680	1,950	1,930	24.0	23.5	18.5	40	46	38	6.57	6.45	7.85	265	296	280
Ohio.....	3,870	4,080	3,760	33.0	35.5	36.0	128	145	135	6.79	6.33	7.65	867	917	1,036
S.C.....	1,470	1,680	1,600	22.0	24.0	14.0	32	40	22	6.87	6.51	7.70	222	259	172
Tenn.....	2,420	2,620	2,550	23.5	27.0	19.0	57	71	48	6.73	6.35	8.00	383	449	368
Tex.....	745	805	830	26.5	26.0	22.0	20	21	14	6.30	6.00	7.60	124	126	105
Va.....	475	536	610	28.0	28.5	15.0	13	15	9	6.85	6.28	8.00	91	96	73

¹ Includes States not shown separately.Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production*, annual, and *Field Crops—Production, Disposition, Value*, annual.

NO. 1240. PEANUTS—ACREAGE, PRODUCTION, VALUE, AND PRICE SUPPORT: 1960 TO 1980

[Years beginning August. See also *Historical Statistics, Colonial Times to 1970*, series K 547-549]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	¹
Acres harvested	1,000	1,395	1,438	1,469	1,496	1,472	1,500	1,518	1,512	1,509	1,520	1,399	
Production for nuts	Mil. lb	1,718	2,390	2,993	3,474	3,668	3,847	3,739	3,715	3,952	3,968	2,308	
Farmers' stock ²	Mil. lb	7.2	7.4	2.8	56.9	38.4	227.0	250.0	54.4	28.7	13.5	63.4	
Yield per acre	Lb	1,232	1,661	2,030	2,323	2,491	2,564	2,464	2,456	2,619	2,611	1,650	
Average price per lb.	Cents	10.0	11.4	12.8	16.2	17.9	19.6	20.0	21.0	21.1	20.6	24.0	
Value of production	Mil. dol.	172.0	272.4	383.0	562.5	658.0	754.5	746.7	780.9	833.9	819.3	554.1	
Support price per lb.	Cents	10.1	11.2	12.8	16.4	18.3	19.7	20.7	21.5	³ 21.0	³ 21.0	³ 22.8	
Quantity under support	Mil. lb	352	733	1,084	1,029	1,072	1,136	854	536	520	702	288	
Percent of production	Percent	20.5	30.7	36.3	29.6	29.2	29.5	22.8	14.4	13.2	17.7	12.5	

¹ Preliminary. ² Excludes shelled peanuts and cleaned peanuts (roasting stocks). ³ Quota peanuts were supported at 21.0 cents per lb. in 1978 and 1979 and 22.8 cents in 1980. Additional peanuts were supported at 12.5 cents per lb. in 1978, 15.0 cents in 1979, and 12.5 cents in 1980.Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Fats and Oils Situation*, quarterly, and *Agricultural Statistics*, annual.

NO. 1241. PEANUTS HARVESTED FOR NUTS—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1978 TO 1980

[Years beginning August]

STATE	ACREAGE HARVESTED (1,000 acres)			YIELD PER ACRE (lb.)			PRODUCTION (mil. lb.)			PRICE (cents per lb.)			FARM VALUE (mil. dol.)		
	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980
Total	1,509	1,520	1,399	2,619	2,611	1,850	3,952	3,968	2,308	21.1	20.6	24.0	834	819	554
Ala.....	209	210	200	2,640	2,785	1,325	552	585	265	21.1	20.5	21.2	116	120	56
Fla.....	55	55	55	3,310	3,270	2,600	182	180	143	21.3	21.1	22.0	39	38	31
Ga.....	526	527	514	3,280	3,235	1,935	1,725	1,705	995	21.0	20.7	21.9	362	353	218
Miss.....	8	8	6	1,750	1,650	1,250	13	12	8	21.0	21.0	20.0	3	3	2
N. Mex.....	9	9	9	2,560	2,750	2,540	24	25	22	22.0	22.6	28.0	5	6	6
N.C.....	168	166	166	2,770	2,820	1,755	465	378	291	22.0	20.4	22.6	103	77	66
Okla.....	115	120	105	1,800	2,200	1,335	207	264	140	21.2	20.0	25.8	44	53	36
S.C.....	15	15	13	2,350	2,150	1,100	36	32	14	21.1	20.4	21.6	8	6	3
Tex.....	301	309	230	1,450	1,725	1,275	436	533	293	20.2	20.9	35.0	88	111	103
Va.....	103	101	101	3,025	2,510	1,350	312	254	137	21.3	20.6	24.3	66	52	33

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production*, annual, and *Field Crops—Production, Disposition, Value*, annual.

No. 1242. FRUITS—PRODUCTION AND VALUE, 1978 TO 1980, AND LEADING PRODUCING STATES, 1980

FRUIT	PRODUCTION ¹				FARM VALUE (mil. dol.)			Leading States in order of production, 1980
	Unit	1978	1979	1980, prel.	1978	1979	1980, prel.	
Apples (34 States) ²	Mil. lb.....	7,597	8,143	8,707	781	883	822	Wash., N.Y., Mich.
Peaches.....	Mil. lb.....	2,653	2,951	3,074	301	331	368	Calif., S.C., Ga.
Pears.....	1,000 tons.....	723	855	886	159	174	182	Calif., Wash., Oreg.
Grapes.....	1,000 tons.....	4,567	4,989	5,576	1,006	1,180	1,323	Calif., N.Y., Wash.
Blueberries (6 States) ³	Mil. lb.....	83	93	100	51.7	45.3	45.5	Mich., N.J., Maine.
Cherries, sweet.....	1,000 tons.....	157	182	172	108	109	92	Wash., Calif., Oreg.
Cherries, tart.....	Mil. lb.....	181	170	218	79	81	44	Mich., N.Y., Utah.
Plums and prunes (fresh).....	1,000 tons.....	634	664	821	160	172	193	Calif., Oreg., Wash.
Oranges and tangerines ⁴	Mil. boxes ⁵	225.3	216.0	280.1	1,234	1,340	1,342	Fla., Calif., Ariz.
Grapefruit (4 States).....	Mil. boxes ⁶	74.7	67.4	73.2	190	232	300	Fla., Texas, Calif.
Lemons (2 States) ⁷	Mil. boxes ⁸	26.1	19.6	20.8	111	135	161	Calif., Ariz.

¹Excludes quantities not harvested or not marketed because of economic conditions. ²Production in commercial orchards with 100 or more bearing age trees. ³Estimated. ⁴Four States. ⁵Net content of box varies. In Calif. and Ariz., approximate average for oranges and tangerines is 75 lb.; Fla. oranges, 90 lb.; Tex. oranges, 85 lb.; and Fla. tangerines, 95 lb. ⁶Approximate average, net weight, is 85 lb. in Ariz. and Calif., 85 in Fla., and 80 in Tex. ⁷Includes estimates for Ariz. ⁸About 76 lb. net.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Crop Production*; *Crop Values*; and *Noncitrus Fruits and Nuts*; annual summaries.

No. 1243. COMMERCIAL VEGETABLE AND OTHER SPECIFIED CROPS—AREA, PRODUCTION, AND VALUE, 1978 TO 1980, AND LEADING STATES, 1980

[Relates to commercial production for fresh market and processing combined. Includes market garden areas but excludes minor producing acreage in minor producing States. Excludes production for home use in farm and nonfarm gardens. Value is for season or crop year and should not be confused with calendar-year income]

CROP	AREA ¹ (1,000 acres)			PRODUCTION ² (1,000 short tons)			VALUE ³ (mil. dol.)			States ranked by production, 1980
	1978	1979	1980	1978	1979	1980	1978	1979	1980	
Artichokes.....	9.9	9.7	9.9	26.3	43.7	39.6	14.2	24.2	27.5	Calif.
Asparagus.....	83.8	80.7	83.0	93.1	95.6	83.6	81.3	98.4	92.1	Calif., Wash.
Beans, lima.....	68.1	65.4	50.8	82.7	89.2	61.3	29.7	32.8	25.1	Calif., Del.
Beans, snap.....	366.6	370.9	350.9	862.7	915.5	855.3	180.6	197.4	192.2	Wis., Oreg.
Beets.....	17.3	17.4	13.3	221.6	249.7	205.4	8.8	10.5	9.7	Wis., N.Y.
Broccoli.....	68.3	70.9	77.9	270.0	315.1	337.7	97.6	120.9	144.6	Calif., Tex.
Brussels sprouts.....	5.9	5.5	5.4	44.3	38.5	36.5	19.0	15.9	15.7	Calif.
Cabbage.....	97.0	92.6	93.9	1,224.5	1,206.3	1,151.3	175.3	161.1	158.2	N.Y., Tex.
Cantaloupes.....	99.8	91.4	86.4	665.9	610.6	594.5	128.4	137.7	161.1	Calif., Tex.
Carrots.....	76.8	78.1	72.4	991.2	1,050.2	976.0	133.6	144.9	161.4	Calif., Tex.
Cauliflower.....	41.5	42.8	43.3	190.4	205.9	212.8	69.2	81.1	95.8	Calif., Oreg.
Celery.....	36.8	35.7	37.3	860.1	880.2	932.8	204.9	161.0	169.9	Calif., Fla.
Corn, sweet.....	610.7	596.0	552.7	3,137.8	3,160.4	2,836.6	245.7	264.1	263.6	Minn., Wis.
Cucumbers.....	187.9	182.4	170.4	982.0	965.0	914.5	160.7	184.4	183.5	Fla., Mich.
Eggplant.....	3.6	3.7	3.9	33.5	33.6	36.0	8.5	9.9	10.4	Fla., N.J.
Escarole.....	7.5	8.1	7.8	52.4	54.4	50.2	21.8	20.0	16.2	Fla., N.J.
Garlic.....	13.0	14.2	15.2	78.0	92.3	98.8	24.7	28.0	33.8	Calif.
Honeydew melons.....	18.5	20.5	17.7	170.7	173.9	159.0	32.8	37.8	42.9	Calif., Tex.
Lettuce.....	239.1	245.9	242.6	3,013.8	3,065.5	3,160.7	596.9	566.1	565.2	Calif., Ariz.
Mint for oil.....	146.1	124.0	112.6	4.4	3.3	3.4	83.3	63.5	63.9	Oreg., Wash.
Onions.....	121.9	123.9	113.0	1,808.7	1,930.1	1,673.8	251.5	237.4	346.6	Calif., Tex.
Peas, green.....	355.5	392.3	321.7	481.1	613.4	480.8	94.9	129.1	100.7	Wis., Wash.
Peppers, green.....	55.2	61.3	55.5	260.1	291.0	274.7	100.9	115.7	123.7	Fla., Calif.
Spinach.....	32.4	35.9	37.5	181.7	207.6	224.2	30.3	38.7	44.6	Calif., Tex.
Strawberries.....	37.6	36.3	35.7	329.6	319.2	350.9	209.3	246.9	288.8	Calif., Fla.
Tomatoes.....	425.8	437.5	389.5	7,488.1	8,496.0	7,461.3	849.3	1,021.0	907.2	Calif., Fla.
Watermelons.....	212.4	205.3	184.5	1,263.5	1,203.8	1,135.8	100.8	109.5	149.8	Fla., Tex.

¹Area of crops for harvest for fresh market, including any partially harvested or not harvested because of low prices or other factors, plus area harvested for processing. ²Excludes some quantities not marketed. ³Fresh market vegetables valued at f.o.b. shipping point, except garlic, which is field run basis at packinghouse door. Processing vegetables are equivalent returns at packinghouse door.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Agricultural Statistics*, annual; and *Vegetables*, annual summary.

NO. 1244. CANNED FOODS—PRODUCTION: 1960 TO 1980

[In millions of standard cases of 24 No. 303 cans, except as noted. Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1970*, series P 233-234, for corn and tomatoes in cases of 24 No. 2 cans]

PRODUCT	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Fruits ¹	97.9	103.9	99.4	87.9	96.2	103.7	91.2	88.2	93.7	85.3	96.9	93.6
Apples ²	3.1	4.1	2.3	2.2	3.2	2.2	1.1	1.9	2.0	2.1	2.4	1.6
Applesauce ³	11.8	15.9	14.1	11.9	15.2	16.6	9.6	8.9	10.7	11.6	12.7	10.6
Apricots.....	6.1	5.1	3.8	3.0	4.1	2.0	4.4	2.4	2.3	2.1	2.9	3.0
Berries.....	.8	.7	.4	.4	.3	.4	.4	.3	.1	.3	.2	.2
Cherries, red, pitted.....	1.6	2.4	1.0	1.3	.6	1.2	1.3	.4	.6	.6	.5	.5
Cherries, sweet.....	.6	.7	.7	.4	.5	.6	.4	.5	.5	.5	.7	.4
Cranberry sauce ⁴	2.2	3.4	3.9	3.5	4.7	4.3	3.4	3.5	3.4	3.7	3.6	3.6
Fruit cocktail ⁵	12.8	14.5	13.1	11.9	13.4	14.9	13.7	13.6	13.0	11.7	13.8	14.8
Fruit salad/mixed fruits ⁶	1.2	1.2	1.2	1.5	1.5	1.8	1.3	1.2	2.2	2.2	3.1	3.2
Grapefruit sections ^{2,4}	3.0	2.8	2.3	1.9	2.1	1.5	1.1	1.2	1.2	1.3	1.4	(NA)
Peaches.....	30.8	30.0	29.6	24.0	24.5	32.4	29.0	24.8	29.2	21.4	25.8	28.8
Pears.....	8.5	8.4	8.6	9.1	9.8	10.7	9.8	11.5	9.6	9.0	10.6	10.7
Pineapple ^{2,4}	15.0	15.0	17.8	16.5	15.0	13.9	14.2	17.3	18.4	18.3	18.5	17.1
Plums ²	.4	1.7	.8	.4	1.3	1.2	1.4	1.0	.8	.9	.7	1.1
Juices ^{2,7}												
Apple.....	6.2	9.6	14.1	13.8	14.8	15.4	15.3	15.4	18.2	24.1	25.8	26.4
Grapefruit.....	11.0	13.8	26.0	28.3	29.0	21.6	25.8	27.7	26.4	25.1	23.6	(NA)
Orange.....	11.5	12.1	15.4	17.1	13.8	13.3	13.5	14.4	15.8	18.2	17.8	(NA)
Orange-grapefruit.....	3.2	2.9	2.5	2.1	1.9	1.7	2.8	1.6	1.9	1.4	1.5	(NA)
Pineapple ⁸	14.4	15.4	13.7	12.3	11.4	8.6	8.7	10.2	12.0	11.3	13.6	(NA)
Tomato ⁸	33.0	32.8	30.1	25.7	27.8	29.6	29.0	26.5	22.9	27.9	26.0	23.7
Seasonal vegetables	175.3	204.1	208.7	221.8	235.3	242.3	249.8	217.5	237.1	233.3	265.6	230.5
Asparagus.....	8.0	7.2	5.9	5.9	5.8	5.6	3.6	3.6	3.7	3.4	2.8	2.5
Beans, green and wax.....	33.2	45.6	47.6	47.6	55.0	62.3	55.4	47.4	54.5	57.1	66.3	58.2
Beans, lima.....	3.8	3.0	2.8	2.1	3.2	2.5	3.7	2.8	2.7	3.4	3.1	2.8
Beets ²	8.8	10.0	11.3	10.0	10.9	15.1	13.1	9.2	11.3	13.0	15.1	10.9
Carrots ²	5.0	4.5	5.4	5.5	6.4	6.9	4.7	5.2	6.6	6.3	7.3	4.4
Corn, sweet.....	35.3	39.1	47.0	53.0	55.2	46.4	57.5	54.7	56.3	57.9	60.0	50.6
Greens, leafy.....	2.9	2.7	3.5	2.8	4.0	4.6	3.0	3.1	2.6	2.9	3.2	2.6
Peas, field.....	2.1	1.8	2.4	2.6	2.8	2.8	2.0	1.9	2.2	2.4	2.5	2.0
Peas, green.....	28.7	37.6	28.7	33.1	29.6	33.1	35.2	31.9	30.2	25.3	36.5	30.1
Pimientos.....	.9	.8	.6	.7	.3	.4	.6	.7	.4	.4	.5	.5
Pumpkin and squash.....	5.0	3.9	4.0	4.1	4.6	4.2	5.8	5.5	3.0	3.4	4.0	3.7
Spinach ³	7.8	6.4	7.3	8.2	8.9	10.8	8.3	6.3	7.1	6.2	8.1	6.3
Tomatoes.....	31.0	38.0	39.0	43.3	45.4	43.8	53.5	42.8	54.1	49.2	52.9	53.1
Other vegetable packs ⁹	2.8	5.5	3.2	2.9	3.2	3.8	3.4	2.4	2.4	4.4	3.3	2.8
Nonseasonal vegetables:												
Sweet potatoes ²	6.9	11.1	9.8	9.5	11.4	12.8	7.7	8.0	7.2	9.4	9.2	5.9
White potatoes ²	4.2	5.0	6.6	5.0	5.7	8.1	6.8	6.2	7.1	6.7	6.5	5.9
Chili sauce	1.4	1.5	1.5	1.7	1.8	1.6	1.7	2.0	1.8	2.8	2.0	2.0
Tomato puree	5.4	6.5	5.9	9.7	9.9	10.3	13.8	8.4	9.8	8.4	10.4	7.9
Seafood, salmon ¹⁰	(NA)	3.6	3.8	1.9	1.5	1.8	1.6	2.7	3.1	3.3	3.3	4.4

NA Not available. ¹ Basis: 24 No. 2½ cans. ² Pack beginning in year shown. ³ California only. ⁴ Florida only. ⁵ Represents U.S. pack and foreign operations. ⁶ Beginning 1965, purple plums only. ⁷ Basis: 24 No. 2 cans. ⁸ Beginning 1970, excludes combination vegetable-tomato juices. ⁹ Succotash, carrots and peas, okra, okra and tomatoes, and for 1965, mushrooms. ¹⁰ Basis: 48-1 lb. cans. Includes Alaska.

Source: National Food Processors Association, Washington, D.C., *Canned Food Pack Statistics*, annual.

NO. 1245. PRINCIPAL FROZEN FOODS—PRODUCTION: 1960 TO 1980

[In millions of pounds]

PRODUCT	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total	10,868	14,144	17,415	19,383	21,862	23,101	23,452	(NA)	(NA)	(NA)	(NA)	(NA)
Vegetables:												
Total, excl. potatoes.....	1,407	1,800	1,912	2,281	2,467	2,488	2,212	2,156	2,623	2,712	2,785	2,416
Potato products.....	551	1,219	2,404	2,594	2,691	2,985	3,001	3,335	3,623	3,849	4,090	3,853
Fruits and berries.....	680	853	621	612	650	604	567	629	687	509	575	663
Juices and drinks ¹	4,556	5,514	5,360	5,051	6,345	6,237	6,287	(NA)	(NA)	(NA)	(NA)	(NA)
Meat.....	310	450	470	510	520	535	545	(NA)	(NA)	(NA)	(NA)	(NA)
Poultry.....	2,000	2,231	2,160	2,236	2,209	2,222	2,070	2,359	2,238	2,318	2,606	2,729
Prepared foods.....	1,100	1,875	4,100	5,710	6,570	7,690	8,470	(NA)	(NA)	(NA)	(NA)	(NA)
Seafoods.....	284	402	388	369	410	340	300	322	565	617	873	776

NA Not available. ¹ Includes single strength drinks, juices and concentrated juices, and drinks reconstituted.

Source: American Frozen Food Institute, Burlingame, Calif., *Frozen Food Pack Statistics*, annual. (Copyright.)

NO. 1246. LIVESTOCK—NUMBER ON FARMS AND VALUE: 1950 TO 1981

[Alaska and Hawaii excluded from census data prior to 1959 and from annual data prior to 1985. Prior to 1960, data for sheep refer to stock sheep. See also *Historical Statistics, Colonial Times to 1970*, series K 564-569]

YEAR	ALL CATTLE			HOGS AND PIGS			SHEEP AND LAMBS		
	Number (mil. head)	Total value (bil. dol.)	Value per head (dol.)	Number (mil. head)	Total value (bil. dol.)	Value per head (dol.)	Number (mil. head)	Total value (mil. dol.)	Value per head (dol.)
CENSUS DATA									
1950 (Apr. 1).....	76.9	9.1	119	55.8	1.1	19.70	31.4	555	17.69
1954 (Oct.-Nov.).....	95.0	8.2	87	57.1	1.9	33.13	131.6	472	14.93
1959 (Oct. 1).....	92.5	12.5	135	67.9	1.4	20.18	33.9	556	16.38
1964 (Nov.-Dec.).....	105.6	11.9	113	54.1	1.3	24.48	25.5	409	16.06
1969 (Dec. 31).....	106.4	19.0	179	55.5	2.2	38.85	21.6	532	24.63
1974 (Dec. 31).....	113.2	18.5	163	45.5	2.1	45.37	15.4	474	30.79
1978 (Dec. 31).....	105.7	42.7	404	58.8	4.9	83.40	12.4	892	72.08
ANNUAL DATA (Jan. 1) ²									
1950.....	78.0	9.6	124	58.9	1.6	27.10	26.2	466	17.80
1955.....	96.6	8.5	88	50.5	1.5	30.60	27.1	404	14.90
1960.....	96.2	13.2	137	59.0	1.1	18.50	33.2	546	16.50
1965.....	109.0	12.4	113	50.8	1.2	24.50	25.1	401	16.00
1970.....	112.4	20.2	179	56.7	2.2	39.00	20.4	513	25.10
1971.....	114.6	21.1	184	67.3	1.6	23.50	19.7	465	23.60
1972.....	117.9	24.5	208	62.4	1.8	28.50	18.7	429	22.90
1973.....	121.5	30.6	252	59.0	2.5	42.00	17.6	471	26.70
1974.....	127.8	37.5	293	60.6	3.7	60.40	16.3	535	32.80
1975.....	132.0	21.0	159	54.7	2.5	44.90	14.5	442	30.50
1976.....	128.0	24.3	190	49.3	4.0	80.40	13.3	496	37.30
1977.....	122.8	25.2	206	54.9	2.6	47.00	12.7	540	42.50
1978.....	116.4	27.0	232	56.5	3.6	63.20	12.4	641	51.80
1979.....	110.9	44.7	403	60.4	5.0	83.20	12.4	891	72.10
1980.....	111.2	55.8	502	67.4	3.8	56.10	12.7	992	78.20
1981, pre.....	115.0	54.4	473	64.5	4.8	74.70	12.9	904	69.90

¹ Excludes Fla., Ga., and So. Carolina. ² Beginning 1970, data for hogs and pigs as of Dec. 1, preceding year.

Source: Census data—U.S. Bureau of the Census, *Census of Agriculture: 1969*, vol. II; 1974 and 1978, vol. I. Annual data—U.S. Dept. of Agriculture, Statistical Reporting Service, *Agricultural Statistics*, annual, and annual livestock summaries.

NO. 1247. MEATS—SLAUGHTERING, PRODUCTION, AND TRADE: 1960 TO 1980

[Quantities represent carcass weight equivalent. 1960-1970 exclude Alaska and Hawaii except for exports and imports. Covers inspected, noninspected, retail, and farm slaughter. Excludes edible byproducts. Excludes USDA exports, military civilian feeding, and voluntary relief feeding. See also *Historical Statistics, Colonial Times to 1970*, series K 583-594]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
All meats:											
Animals slaughtered, total.....	Mil. head.....	135.0	130.7	137.3	132.6	124.8	130.6	133.1	128.2	132.3	139.6
Under Federal inspection.....	Percent.....	78	82	89	91	91	92	93	93	94	94
Production, total ¹	Bil. lb.....	28.2	31.5	36.2	37.9	36.8	39.6	39.7	38.6	37.6	39.0
Federally inspected.....	Percent.....	78	82	89	91	90	92	93	93	94	94
Exports of U.S. production ²	Mil. lb.....	223	250	305	342	449	598	586	646	673	645
Imports for consumption.....	Mil. lb.....	1,048	1,347	2,429	2,160	2,248	2,600	2,424	2,855	2,974	2,664
Beef:											
Animals slaughtered, total.....	Mil. head.....	26.0	33.2	35.4	37.3	41.5	43.2	42.4	40.0	34.0	34.1
Under Federal inspection.....	Percent.....	75	80	87	89	89	90	92	93	94	94
Production, total.....	Bil. lb.....	14.7	18.7	21.7	23.1	24.0	26.0	25.3	24.2	21.4	21.6
Federally inspected.....	Percent.....	78	82	88	90	90	91	92	93	94	94
Exports of U.S. production ²	Mil. lb.....	55	91	101	115	110	158	167	214	215	220
Imports for consumption.....	Mil. lb.....	760	923	1,792	1,615	1,758	2,079	1,939	2,297	2,405	2,064
Veal:											
Animals slaughtered, total.....	Mil. head.....	8.6	7.8	4.2	3.2	5.4	5.5	5.7	4.3	2.9	2.7
Under Federal inspection.....	Percent.....	61	65	72	74	72	80	85	87	89	87
Production, total.....	Mil. lb.....	1,109	1,020	588	486	873	853	834	632	434	400
Federally inspected.....	Percent.....	56	56	57	58	57	66	68	71	73	74
Lamb and mutton:											
Animals slaughtered, total.....	Mil. head.....	16.2	13.3	10.8	9.0	8.1	6.9	6.6	5.5	5.2	5.7
Under Federal inspection.....	Percent.....	86	88	93	95	94	94	96	96	96	96
Production, total.....	Mil. lb.....	768	651	551	465	410	371	351	309	293	318
Federally inspected.....	Percent.....	87	88	93	95	94	94	94	94	94	94
Pork:											
Animals slaughtered, total.....	Mil. head.....	84.2	76.4	87.0	83.1	69.8	74.9	78.4	78.4	90.2	97.1
Under Federal inspection.....	Percent.....	79	83	90	93	93	94	96	96	96	96
Production, total ¹	Bil. lb.....	11.6	11.1	13.4	13.8	11.5	12.4	13.2	13.4	15.5	16.6
Federally inspected.....	Percent.....	79	84	90	93	93	94	94	95	95	95

¹ Excludes lard. ² Includes shipments to territories.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Livestock and Meat Statistics*, annual.

**NO. 1248. LIVESTOCK ON FARMS, LIVEWEIGHT PRODUCTION, VALUE, AND ANNUAL AVERAGE PRICE
RECEIVED BY FARMERS: 1960 TO 1980**

[Data for sheep exclude Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series K 575-582]

PRODUCTION AND PRICE	Unit	1960 ¹	1965	1970	1974	1975	1976	1977	1978	1979	1980
All cattle: On farms.....	Mil.....	96.2	109.0	112.4	127.8	132.0	128.0	122.8	116.4	110.9	111.2
Production ²	Bil. lb.....	26.8	34.0	39.4	42.8	40.9	41.4	40.7	40.0	38.4	40.3
Beef, price per 100 lb.....	Dol.....	20.40	19.90	27.10	35.60	32.20	33.70	34.40	48.50	66.10	62.40
Calves, price per 100 lb.....	Dol.....	22.90	22.00	34.50	35.20	27.20	34.10	36.90	59.10	88.70	76.90
Value of production.....	Bil. dol.....	5.9	6.8	10.9	14.9	12.8	13.8	14.0	19.6	26.0	25.5
Hogs and pigs: On farms.....	Mil.....	59.0	50.8	67.3	54.7	49.3	54.9	56.5	60.4	67.4	64.5
Production ²	Bil. lb.....	19.2	18.3	21.8	20.0	18.8	18.2	19.0	19.5	22.6	23.4
Price per 100 lb.....	Dol.....	15.30	19.80	22.70	34.20	46.10	43.30	39.40	46.60	41.80	36.00
Value of production.....	Mil. dol.....	2,946	3,573	4,955	6,838	7,756	7,856	7,485	9,066	9,416	8,874
Sheep: On farms.....	Mil.....	33.2	25.1	20.4	16.3	14.5	13.3	12.7	12.4	12.4	12.7
Production ²	Mil. lb.....	1,628	1,217	1,099	807	785	733	706	687	709	745
Sheep, price per 100 lb.....	Dol.....	5.60	6.34	7.52	11.20	11.30	13.10	13.50	21.80	25.80	21.10
Lambs, price per 100 lb.....	Dol.....	17.90	22.80	26.40	37.00	42.10	46.90	51.30	62.80	66.70	63.60
Value of production.....	Mil. dol.....	253	257	260	272	303	316	320	382	410	402

¹ Alaska and Hawaii excluded. ² Includes adjustment for livestock shipped in and changes in inventory.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Agricultural Statistics*, annual, and *Meat Animals—Farm Production, Disposition, and Income*, by States, annual summary.

NO. 1249. LIVESTOCK ON FARMS—NUMBER, BY STATES: 1978 TO 1981

[In thousands. As of Jan. 1, except for hogs and pigs, Dec. 1]

STATE	ALL CATTLE			MILK COWS ¹			SHEEP AND LAMBS			HOGS AND PIGS		
	1979	1980	1981	1979	1980	1981	1979	1980	1981	1978	1979	1980
U.S.....	110,864	111,192	115,013	10,790	10,779	10,869	12,365	12,687	12,942	60,356	67,353	64,520
Alabama.....	1,820	1,730	1,925	74	72	64	(²)	(²)	(²)	700	880	800
Arizona.....	1,200	1,050	1,075	70	72	75	425	385	372	144	149	180
Arkansas.....	2,000	2,050	2,300	83	81	80	(²)	(²)	(²)	550	600	720
California.....	4,700	4,550	4,760	860	878	909	1,150	1,175	1,205	190	180	180
Colorado.....	3,090	2,975	3,125	72	72	71	795	870	810	330	430	310
Florida.....	2,180	2,300	2,480	189	184	187	(²)	(²)	(²)	360	425	370
Georgia.....	1,650	1,600	1,910	129	130	130	(²)	(²)	(²)	1,800	2,360	2,300
Idaho.....	1,900	1,880	1,990	141	148	159	466	468	512	95	135	175
Illinois.....	2,850	2,700	2,850	230	235	230	167	173	184	6,550	6,950	6,600
Indiana.....	1,750	1,850	1,800	198	200	207	125	120	135	4,250	4,850	4,600
Iowa.....	7,200	7,150	7,450	374	372	378	380	408	437	15,100	16,200	16,100
Kansas.....	6,200	6,200	6,450	125	120	123	220	235	200	2,000	2,090	1,900
Kentucky.....	2,600	2,700	2,600	265	244	243	22	21	22	1,190	1,470	1,220
Louisiana.....	1,350	1,300	1,360	127	116	112	13	12	11	120	140	160
Michigan.....	1,250	1,310	1,380	402	400	390	121	132	124	925	1,040	830
Minnesota.....	3,650	3,750	3,800	850	860	880	255	264	295	4,100	4,900	5,100
Mississippi.....	1,790	1,810	1,800	103	99	97	(²)	(²)	(²)	380	405	410
Missouri.....	5,550	5,400	5,550	269	262	260	126	123	138	4,100	4,650	3,980
Montana.....	2,607	2,645	2,675	28	26	29	540	574	595	222	209	250
Nebraska.....	6,450	6,400	6,950	120	120	121	175	210	250	3,650	4,150	3,900
Nevada.....	575	595	640	15	15	15	125	122	134	10	11	12
New Mexico.....	1,500	1,600	1,450	38	39	49	604	660	650	50	87	74
New York.....	1,711	1,780	1,831	904	912	915	63	65	69	140	139	175
North Carolina.....	1,030	1,080	1,160	131	133	135	7	8	8	2,350	2,650	2,460
North Dakota.....	1,967	2,000	1,850	96	93	93	198	236	262	335	370	285
Ohio.....	1,750	1,825	1,815	375	375	375	350	320	310	2,160	2,120	2,150
Oklahoma.....	5,300	5,550	5,400	112	110	112	89	93	95	315	370	350
Oregon.....	1,540	1,575	1,750	93	94	96	490	495	520	110	120	130
Pennsylvania.....	1,840	1,950	2,050	703	712	718	95	105	105	820	870	980
South Carolina.....	575	625	625	51	50	48	(²)	(²)	(²)	525	650	700
South Dakota.....	3,830	4,010	4,190	159	155	155	740	783	810	1,620	2,000	1,860
Tennessee.....	2,350	2,300	2,400	209	214	215	13	12	11	1,300	1,400	1,140
Texas.....	13,900	13,200	13,700	310	315	320	2,415	2,400	2,360	850	910	930
Utah.....	820	840	875	78	75	77	594	625	660	49	55	58
Virginia.....	1,550	1,750	1,800	172	170	173	165	160	160	670	850	750
Washington.....	1,375	1,579	1,450	198	199	200	75	83	80	75	100	100
Wisconsin.....	4,100	4,280	4,550	1,811	1,813	1,820	95	113	127	1,650	1,830	1,680
Wyoming.....	1,380	1,340	1,350	12	12	12	1,080	1,050	1,110	30	32	30
Other.....	1,984	2,033	2,097	614	600	596	188	186	181	541	577	591

¹ Represents cows and heifers that have calved, kept for milk. ² Estimates discontinued.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, annual livestock summaries.

NO. 1250. DAIRYING—COWS AND DAIRY PRODUCTS: 1960 TO 1980

(In millions of pounds, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series K 595-608)

ITEM	1960	1965	1970	1975	1977	1978	1979	1980
Cows and heifers that have calved, ¹ kept for milk, Jan. 1 ¹ (mil. head).....	19.5	17.0	13.3	11.1	11.0	10.9	10.8	10.8
Milk produced on farms (bil. lb.).....	129	124	117	115	120	122	123	128
Whole milk sold from farms ² (bil. lb.).....	114	118	113	112	117	120	119	126
Sales to plants and dealers (bil. lb.).....	104	113	110	110	115	118	119	125
Cash receipts from marketing of milk and cream ² (bil. dol.).....	4.8	5.0	6.5	9.9	11.4	11.7	12.7	16.6
Sales to plants and dealers (bil. dol.).....	4.6	4.8	6.3	9.7	11.2	11.5	12.4	16.3
Manufactured dairy products:								
Butter (incl. whey butter).....	1,373	1,325	1,137	984	1,088	994	985	1,145
Cheese, total ³	1,478	1,755	2,201	2,811	3,319	3,359	3,520	3,983
American (excl. full-skim American).....	1,003	1,167	1,428	1,660	2,054	2,047	2,079	2,375
Swiss (including block).....	121	123	144	174	196	189	209	213
Muenster, Brick, and Limburger.....	54	56	59	74	76	73	78	80
Cream and Neulchatel.....	108	123	126	160	168	176	198	212
All Italian varieties.....	158	244	384	672	747	793	876	929
Cottage cheese: Creamed ⁴	799	885	1,038	991	1,010	1,017	1,024	998
Curd, pot, and bakers'.....	594	630	726	701	711	684	688	669
Condensed bulk milk.....	1,205	1,346	1,237	1,041	1,044	1,091	987	975
Evaporated and condensed canned milk.....	2,256	1,799	1,293	938	942	827	798	810
Dry whole milk.....	98	89	69	63	78	69	75	85
Nonfat dry milk solids ⁵	1,844	2,013	1,456	1,009	932	1,115	927	915
Dry whey ⁶	277	404	621	596	682	628	711	733
Dry buttermilk.....	86	87	60	43	46	53	48	45
Ice cream of all kinds (mil. gal.).....	700	757	762	837	818	810	815	811
Milk sherbet (mil. gal.).....	41	45	49	49	50	50	48	45
Ice milk (mil. gal.).....	145	231	287	299	286	308	310	297
Wholesale prices (cents per lb.):								
Cheese, American:								
40-lb. blocks, Wyo. assembly points.....	(NA)	38.4	55.0	86.6	96.3	96.8	107.1	123.8
Single daisies, Chicago.....	41.4	45.0	64.9	104.4	116.1	118.7	130.1	141.4
Butter, N.Y. (Grade A).....	59.9	61.0	70.4	81.8	94.4	101.5	114.1	127.2
Prices received by farmers:								
Milkfat in cream (cents per lb.).....	60.5	61.1	70.0	70.3	83.4	92.0	102.0	(NA)
Whole milk: Wholesale, per 100 lb. (dol.).....	4.21	4.23	5.71	8.75	9.66	9.72	10.60	12.00
Sold directly to consumers (cents per qt.).....	21.7	22.3	27.0	35.4	36.4	36.7	38.8	42.3

NA Not available. ¹ Prior to 1975, cows and heifers 2 years old and over. ² Comprises sales to plants and dealers, and retail sales by farmers direct to consumers. ³ Includes varieties not shown separately. Beginning 1975, includes full-skim. ⁴ Includes partially creamed (low fat). ⁵ Includes dry skim milk for animal feed. ⁶ Includes animal but excludes modified whey production.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Production of Manufactured Dairy Products*, annual; *Milk Production, Disposition, and Income*, annual.

NO. 1251. WHOLE MILK SOLD—QUANTITY AND CASH RECEIPTS, BY STATES: 1978 TO 1980

[Covers sales of milk to plants and dealers]

STATE	QUANTITY (mil. lb.)			CASH RECEIPTS (mil. dol.)			STATE	QUANTITY (mil. lb.)			CASH RECEIPTS (mil. dol.)		
	1978	1979	1980	1978	1979	1980		1978	1979	1980	1978	1979	1980
U.S.....	117,203	119,440	124,538	12,400	14,354	16,251	Mo.....	2,665	2,865	2,825	272	312	356
Ala.....	590	570	565	68	76	81	Nebr.....	1,210	1,215	1,281	125	145	163
Ariz.....	855	885	975	95	111	131	N.H.....	325	325	332	37	42	45
Ark.....	685	685	712	75	86	96	N.J.....	490	463	465	54	58	62
Calif.....	11,420	12,145	13,145	1,165	1,385	1,693	N.Y.....	10,075	10,305	10,640	1,058	1,228	1,393
Colo.....	785	770	775	88	99	109	N.C.....	1,465	1,480	1,540	167	188	216
Conn.....	585	580	590	67	74	80	N. Dak.....	840	830	869	80	91	103
Fla.....	1,945	1,970	2,009	249	286	317	Ohio.....	4,165	4,170	4,220	446	505	549
Ga.....	1,285	1,315	1,346	146	170	188	Okl.....	1,040	1,015	1,065	114	128	145
Idaho.....	1,560	1,645	1,855	155	188	226	Oreg.....	990	1,025	1,070	107	124	140
Ill.....	2,660	2,355	2,507	245	280	323	Pa.....	7,450	7,610	7,930	827	966	1,078
Ind.....	2,130	2,135	2,178	228	263	289	S.C.....	490	485	510	58	65	74
Iowa.....	3,805	3,800	4,000	384	441	504	S. Dak.....	1,450	1,505	1,635	142	170	203
Kans.....	1,335	1,295	1,320	143	155	173	Tenn.....	1,970	1,990	2,150	209	243	286
Ky.....	2,115	2,090	2,130	216	247	273	Tex.....	3,370	3,310	3,540	391	434	492
La.....	1,025	985	965	118	130	136	Utah.....	880	895	980	91	105	123
Maine.....	620	620	650	72	81	90	Vt.....	2,090	2,130	2,245	234	266	301
Md.....	1,505	1,485	1,495	170	187	203	Va.....	1,825	1,900	1,977	201	234	263
Mass.....	530	525	525	61	67	72	Wash.....	2,510	2,660	2,785	266	317	354
Mich.....	4,675	4,715	4,870	491	566	643	W. Va.....	314	319	324	34	39	42
Minn.....	8,925	9,065	9,465	880	1,026	1,174	Wis.....	20,715	21,320	21,770	2,125	2,505	2,758
Miss.....	810	790	795	90	100	110	Other.....	1,329	1,388	1,513	155	179	210

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Milk: Production, Disposition, and Income, 1978-80*.

NO. 1252. POULTRY—NUMBER ON FARMS, VALUE, EGGS PRODUCED, AND PRICES: 1960 TO 1980

[Beginning 1970, data for chickens, eggs and broilers are for Dec. 1 of previous year to Nov. 30 of year stated except as noted. 1960 excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series K 609-623]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Chickens: ¹ Number ²	Mill.	369	394	433	384	380	378	397	397	401	392
Value, total ²	Mill. dol.	391	462	525	653	680	644	652	696	726	739
Value per head ²	Dol.	1.06	1.17	1.21	1.70	1.74	1.70	1.69	1.75	1.81	1.88
Number produced	Mill.	260	240	264	242	233	229	245	238	248	240
Production value	Mill. dol.	139	101	107	115	105	145	142	140	174	132
Price per lb.	Cents	12.2	8.9	9.1	9.7	9.9	12.9	12.0	12.4	14.4	11.0
Eggs: Number produced	Mill. doz.	5,134	5,463	5,684	5,468	5,386	5,376	5,394	5,596	5,767	5,807
Price per dozen	Cents	36.1	33.7	39.1	53.2	52.4	58.3	55.6	52.2	58.3	56.3
Gross income	Mill. dol.	1,848	1,841	2,221	2,910	2,819	3,133	2,995	2,920	3,360	3,268
Broilers: ³ Number produced	Mill.	1,795	2,334	2,987	2,993	2,950	3,283	3,400	3,613	3,951	3,964
Price per lb.	Cents	16.9	15.0	13.6	21.5	26.3	23.6	23.6	26.3	26.0	27.7
Gross income	Mill. dol.	1,014	1,217	1,475	2,436	2,915	2,953	3,067	3,682	4,031	4,304
Turkeys: ⁴ Number ²	1,000	5,833	6,100	3,173	2,970	3,014	3,069	3,038	3,370	3,705	3,920
Value, total ²	Mill. dol.	28	27	18	29	33	34	34	42	50	58
Value per head ²	Dol.	4.89	4.40	5.82	9.81	10.81	11.12	11.32	12.53	13.58	14.33
Turkeys, number raised	Mill.	84	106	116	132	124	140	136	139	156	165
Gross income	Mill. dol.	377	424	499	683	793	825	910	1,157	1,226	1,253
Price per lb.	Cents	25.4	22.2	22.6	26.0	34.8	51.7	35.5	43.6	41.1	41.3

¹ Excludes commercial broilers. ² 1960 and 1965, as of Jan. 1; beginning 1970, as of Dec. 1. ³ Young chickens of the heavy breeds and other meat-type birds, to be marketed at 2-5 lbs. live weight and from which no pullets are kept for egg production. Not included in production of chickens. ⁴ Beginning 1970, data are for breeder hens only and cover the 26 major producing States.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Agricultural Statistics*, annual.

NO. 1253. POULTRY—PRODUCTION, BY STATES: 1977 TO 1980

[In millions. See *Historical Statistics, Colonial Times to 1970*, series K 611, 614, 617, and 621 for U.S. totals]

STATE	CHICKENS PRODUCED			BROILERS PRODUCED			CHICKS HATCHED COMMERCIALLY ¹			TURKEYS RAISED		
	1978	1979	1980	1977	1978	1979	1978	1979	1980	1978	1979	1980
U.S.	237.9	248.5	240.4	3,400.0	3,613.1	3,950.8	4,370.9	4,716.7	4,767.3	138.9	156.5	164.7
Ala.	13.1	15.4	13.3	428.1	441.7	493.1	517.6	588.9	600.8	(D)	-	-
Ark.	19.1	21.3	19.6	569.6	612.1	678.2	705.7	769.8	741.8	12.5	13.3	14.5
Calif.	20.0	20.7	21.2	112.5	122.4	137.6	182.1	203.5	209.0	16.8	18.9	20.8
Conn.	3.2	2.9	3.3	1.1	-	-	(D)	(D)	-	-	.5	(2)
Del.	.5	.5	.8	158.1	167.0	175.9	176.9	141.9	124.4	(D)	.3	.3
Fla.	9.8	11.1	8.8	75.7	75.0	78.7	134.7	142.7	151.0	(D)	-	-
Ga.	21.1	24.5	20.3	485.9	531.9	561.3	621.9	650.4	670.1	1.8	2.5	2.4
Ill.	4.5	4.0	4.0	-	-	-	11.7	13.0	11.9	.4	.5	.5
Ind.	14.1	12.8	14.7	13.6	14.4	15.8	54.3	60.9	60.6	4.7	5.6	6.2
Iowa	6.9	6.6	8.3	3.5	3.4	3.0	(D)	20.0	18.0	6.3	6.2	6.6
Ky.	2.7	2.5	1.9	3.6	3.2	3.3	(D)	(D)	(D)	(D)	-	-
La.	2.7	2.4	2.3	63.6	75.7	91.3	(D)	(D)	(D)	(D)	-	-
Maine	5.8	4.3	4.7	86.9	87.9	87.8	100.4	98.3	83.6	(2)	-	-
Md.	1.5	1.5	1.8	198.5	220.9	244.8	(D)	295.5	303.1	.1	.1	.1
Mass.	5.0	4.4	4.6	.9	1.2	2.6	(D)	(D)	(D)	.1	.1	.1
Mich.	5.0	4.4	4.8	-	-	-	7.4	9.5	1.2	1.2	1.5	1.5
Minn.	7.7	8.5	7.9	14.2	15.1	17.0	41.9	47.3	44.8	21.2	24.7	25.5
Miss.	7.3	7.0	6.1	255.8	269.4	276.9	276.2	287.2	292.0	-	-	-
Mo.	5.5	5.4	5.4	24.1	22.2	25.3	(D)	18.4	17.8	10.5	11.0	12.4
N.Y.	7.0	7.1	7.3	-	-	-	(D)	12.2	10.5	.2	.2	.3
N.C.	11.3	11.7	12.3	339.3	353.5	376.6	394.9	423.9	452.2	18.9	23.1	23.8
Ohio	7.1	7.1	7.9	19.4	20.4	19.1	(D)	(D)	(D)	2.6	2.4	2.3
Okl.	2.3	2.3	1.5	29.3	35.3	40.3	(D)	1.0	1.2	1.5	1.9	2.2
Oreg.	1.6	2.1	2.3	15.6	15.5	17.3	30.3	35.9	37.3	1.3	1.3	1.2
Pa.	12.3	14.6	14.9	88.1	99.3	109.2	136.9	152.6	160.1	3.5	4.7	5.5
S.C.	4.8	7.0	5.3	34.5	39.0	43.7	50.4	51.0	49.2	2.5	3.0	3.7
Tenn.	2.8	3.6	3.9	48.9	48.2	57.7	(D)	27.8	28.7	(2)	-	-
Tex.	10.6	11.2	9.3	185.3	198.4	228.4	247.5	269.4	268.1	7.3	8.0	7.8
Va.	3.3	3.8	3.4	98.0	91.6	111.6	126.1	149.3	160.4	8.5	9.2	10.1
Wash.	4.7	4.8	4.8	16.8	17.3	19.8	20.2	21.7	22.4	(D)	-	-
W. Va.	.8	.8	.9	16.3	16.2	18.8	(D)	(D)	(D)	2.1	2.6	2.3
Wis.	3.6	3.5	2.9	10.9	11.2	11.8	(D)	(D)	(D)	5.7	5.6	5.0
Other	13.9	12.1	13.9	3.9	3.8	4.3	(D)	(D)	(D)	8.1	9.9	9.8

- Represents zero. D Withheld to avoid disclosure. Z Less than 50,000. ¹ By commercial hatcheries. ² Includes poultry not available separately by State.

Source: U.S. Dept. of Agriculture, Statistical Reporting Service, *Agricultural Statistics*, annual.



Section 25

Forests and Forest Products

This section presents data on the area, ownership, and timber resource of commercial timberland; forestry statistics covering the National Forests and Forest Service cooperative programs; product data for lumber, pulpwood, woodpulp, paper and paperboard, turpentine, and rosin, and similar data.

The principal sources of these data are *An Analysis of the Timber Situation in the United States, 1952-2030, Appendix 3*; *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-80*; *National Forest System*; and *Wildfire Statistics*, issued annually by the Forest Service of the Department of Agriculture; *Agricultural Statistics* issued by the Department of Agriculture; and reports of the census of manufactures (taken every five years) and the monthly and annual *Current Industrial Reports*, issued by the Bureau of the Census. Additional information is published in the *Annual Report of the National Forest Reservation Commission*; the monthly and annual *Naval Stores* of the Department of Agriculture; the monthly *Survey of Current Business* of the Bureau of Economic Analysis; and the annual *Wood Pulp Statistics* and *The Statistics of Paper and Paperboard of the American Paper Institute*, New York, N.Y.

The Bureau of the Census also collects data on foreign trade of forest products. The Bureau of Labor Statistics publishes monthly and annually statistics of producer prices for lumber.

The completeness and reliability of statistics on forests and forest products vary considerably. The data for forest land area and stand volumes are much more reliable for areas which have been recently surveyed than for those for which only estimates are available. Estimates of fire damage or causes of fires for Federal lands are considered much better than those for private lands. In general, more data are available for lumber and other manufactured products such as veneer and plywood, etc., than for the primary forest products such as poles and piling and fuelwood.

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

NO. 1254. NATIONAL FOREST LANDS AND PURCHASES: 1950 TO 1980

[Area as of June 30, except, beginning 1977, as of Sept. 30; purchases for years ending June 30, except as noted. Includes Puerto Rico. Prior to Oct. 1976, lands to be purchased under the Weeks Law and related acts were approved by the National Forest Reservation Commission which also set prices on such lands. With the passage of the National Forest Management Act, all functions of the Commission were transferred to the Secretary of Agriculture. Actual purchases are made by U.S. Department of Agriculture. See also *Historical Statistics, Colonial Times to 1970, series L 10-14*.]

ITEM	Unit	1950	1955	1960	1965	1970	1975	1977	1978	1979	1980
Gross area ¹	Mil. acres.....	229	236	227	226	226	226	226	226	226	226
National Forest System.....	Mil. acres.....	181	188	186	187	187	188	188	188	187	187
Approved for purchase.....	1,000 acres.....	61	19	8	29	92	12	45	51	58	42
Average price per acre.....	Dollars.....	9	10	15	47	125	275	371	442	520	654
Total price.....	Mil. dol.....	.5	.2	.1	1.3	11.5	3.3	16.5	22.5	30.2	27.9
Purchases completed.....	1,000 acres.....	97	12	8	33	113	34	30	29	37	27
Average price per acre.....	Dollars.....	7	12	31	39	96	267	286	411	616	617
Total price.....	Mil. dol.....	.7	.1	.2	1.3	10.9	9.1	8.6	11.9	22.3	17.1
Gross area of purchase units.....	Mil. acres.....	53	62	56	56	56	56	56	56	56	56
Purchase completed, net area ²	Mil. acres.....	19	19	19	19	20	20	20	20	20	20
Average price per acre.....	Dollars.....	4	4	4	4	6	9	10	11	12	12
Total Price.....	Mil. dol.....	71	73	75	79	125	179	199	211	233	250

¹ Comprises all publicly and privately owned land within authorized boundaries of national forests, purchase units, national grasslands, and land utilization projects (research and experimental areas, and other areas). ² Cumulative total. Under the March 1, 1911 Act of Congress (Weeks Law), as amended, and related acts.

Source: U.S. National Forest Reservation Commission, *Final Report to October 1976*; and U.S. Forest Service, *National Forest System*, annual.

NO. 1255. NATIONAL FOREST SYSTEM—SUMMARY: 1960 TO 1980

[Through 1976, for years ending June 30, except as noted; thereafter, ending Sept. 30. Includes Alaska and Puerto Rico, except as noted. See *Historical Statistics, Colonial Times to 1970*, series J 33-34, for similar but not comparable grazing data, and L 15-31.]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Timber cut, total value.....	Mil. dol	157.1	161.9	308.8	509.9	368.4	495.4	735.9	858.5	973.0	736.6
Commercial and cost sales: ¹											
Volume.....	Mil. bd. ft.	9,367	11,244	11,527	10,958	9,174	9,575	10,482	10,080	10,377	9,178
Value.....	Mil. dol	156	161	308	509	366	492	733	855	968	730
Free use: Volume.....	Mil. bd. ft.	123	191	179	449	618	² 1,080	1,028	1,221	1,637	2,070
Value ³	Mil. dol	.2	.3	.3	.8	1.1	² 2.1	2.4	2.6	3.8	5.7
Misc. forest products.....	Mil. dol	.5	.5	.7	.5	1.4	1.2	1.0	1.2	1.1	1.1
Livestock grazing: ⁴											
Cattle and horses ⁵	1,000	1,307	1,376	1,607	1,580	1,626	² 1,690	1,587	1,557	1,540	1,521
Sheep and goats.....	1,000	2,574	2,112	2,105	1,470	1,549	² 1,750	1,473	1,284	1,249	1,328
Roads and trails:											
Road construction ⁶	Miles.....	851	1,613	942	36	136	168	1,021	793	820	227
Trail construction ⁶	Miles.....	142	671	278	358	298	270	⁷ 1,222	⁷ 2,119	⁷ 1,390	⁷ 2,419
Expenditures.....	Mil. dol	43.2	105.5	155.1	131.1	157.7	167.6	247.5	279.6	292.0	266.5
Receipts, total.....	Mil. dol	148.2	149.2	299.7	485.7	373.1	454.7	691.6	765.4	849.7	677.8
Timber use.....	Mil. dol	140.1	138.8	283.9	459.9	341.3	418.6	652.1	723.3	796.3	600.3
Grazing use.....	Mil. dol	4.5	3.5	4.4	7.8	7.7	10.9	11.4	11.0	12.5	15.8
Special land use, etc.....	Mil. dol	3.6	6.9	11.4	18.0	24.1	25.2	28.1	31.0	40.9	61.6
Payments to local gov't. ⁸	Mil. dol	36.1	36.2	72.8	118.7	91.0	111.2	225.9	240.6	279.2	236.9
25-percent fund ⁹	Mil. dol	35.4	35.5	71.9	117.5	89.8	109.5	224.1	238.9	277.0	233.6
Other ¹⁰	Mil. dol	.7	.7	.9	1.2	1.2	1.7	1.8	1.7	2.3	3.3
Allotments to Forest Service, total ¹¹	Mil. dol	14.9	15.0	29.5	49.2	39.5	47.0	75.1	83.0	93.9	73.1
Roads and trails.....	Mil. dol	14.2	14.2	28.8	47.0	35.9	43.8	66.0	73.5	84.2	65.5
Other.....	Mil. dol	.7	.8	.7	2.2	3.6	3.2	9.1	9.5	9.7	7.6

¹ Includes land exchanges. ² For 15 months ending Sept. 30. ³ Includes some free use timber not reducible to board feet.

⁴ For 1960-1970, data for livestock permitted to graze; 1974-1976, for authorized use; 1977-1980 for number actually grazed. Calendar-year data. Excludes Puerto Rico. ⁵ Excludes animals under 6 months of age. 1960-1970 includes swine. ⁶ Includes reconstruction. Through 1965, excludes national grasslands. ⁷ Figures include work done by the Human Resources Programs. ⁸ Payments made in following year. ⁹ Includes Tongass Alaska suspense account. ¹⁰ Includes Arizona and New Mexico School Fund, State of Minn., and receipts paid to counties under Bankhead-Jones Farm Tenant Act. ¹¹ For use in following year.

Source: U.S. Forest Service. In *Agricultural Statistics*, annual, and unpublished data.

NO. 1256. FOREST LAND—TOTAL AND COMMERCIAL AREA, VOLUME OF SAWTIMBER, AND GROWING STOCK: 1952 TO 1977

[As of Jan. 1. For composition of regions, see table 1257.]

YEAR AND REGION	Total forest land (mil. acres)	COMMERCIAL TIMBERLAND, OWNERSHIP ¹					NET VOLUME OF SAWTIMBER ²			Growing stock, net (bil. bd. ft.)
		All owner-ships (mil. acres)	Feder-ally owned or managed ² (mil. acres)	State, county, and munici-pal (mil. acres)	Private		Total (bil. bd. ft.)	Softwood (bil. bd. ft.)	Hard-wood (bil. bd. ft.)	
					Total (mil. acres)	Per-cent of total				
United States, 1952.....	664	499	116	28	355	71.1	2,513	2,067	446	603
North.....	209	170	13	19	137	80.6	249	59	190	111
South.....	197	192	14	3	175	91.1	410	197	213	136
West.....	258	138	89	6	43	31.2	1,855	1,811	44	356
United States, 1962.....	759	509	116	28	366	71.9	2,517	2,033	484	648
North.....	178	173	12	19	141	81.5	282	70	212	137
South.....	220	200	14	3	183	91.5	465	246	219	156
West.....	360	139	90	6	42	30.2	1,769	1,717	52	354
United States, 1970.....	754	496	111	31	358	72.2	2,539	2,002	537	680
North.....	186	173	12	20	141	81.5	321	83	237	156
South.....	212	193	14	3	175	90.7	535	296	239	177
West.....	355	135	85	8	42	31.1	1,684	1,623	61	348
United States, 1977.....	737	482	105	30	347	72.8	2,579	1,985	594	711
North.....	178	166	12	19	136	81.3	359	97	263	173
South.....	207	188	14	3	170	91.0	615	341	274	202
West.....	352	128	79	8	41	32.0	1,605	1,548	57	336

¹ See footnote 1, table 1257. ² Includes Indian land. ³ See footnote 3, table 1257.

Source: U.S. Forest Service, *An Analysis of the Timber Situation in the United States, 1952-2030*, Appendix 3.

No. 1257. FOREST LAND AREA, COMMERCIAL AREA OWNERSHIP, AND VOLUME OF SAWTIMBER AND GROWING STOCK, BY STATES: 1977 (JAN. 1)

STATE	Total forest land (1,000 acres)	COMMERCIAL TIMBERLAND, OWNERSHIP ¹ (1,000 acres)				SAWTIMBER NET VOLUME ³		GROWING STOCK, NET VOLUME ⁴	
		Total	Federally owned or managed ²	State, county, municipal	Private	Total (mil. bd. ft.)	Softwood (mil. bd. ft.)	Total (mil. cu. ft.)	Softwood (mil. cu. ft.)
U.S.	736,558	482,486	105,472	30,249	346,764	2,578,940	1,985,408	710,968	455,779
North	177,662	166,141	11,964	18,549	135,628	359,021	96,504	173,145	44,574
New Eng	32,461	30,985	770	1,317	28,898	75,507	43,800	41,848	23,383
Conn.	1,861	1,806	2	144	1,659	5,870	1,305	2,662	425
Maine	17,718	16,864	73	468	16,323	36,118	25,232	22,604	16,060
Mass.	2,952	2,798	10	356	2,432	7,868	4,168	3,893	1,439
N.H.	5,014	4,692	472	108	4,112	14,564	8,607	7,286	3,526
R.I.	404	395	-	32	363	697	289	412	108
Vt.	4,512	4,430	213	209	4,008	10,391	4,199	4,990	1,826
Mid Atl	50,686	46,415	1,505	4,554	40,355	101,959	17,094	56,461	7,606
Del.	392	384	1	13	370	1,393	408	625	169
Md.	2,653	2,523	25	218	2,280	8,167	1,726	3,492	793
N.J.	1,928	1,857	28	291	1,538	3,127	575	1,534	251
N.Y.	17,218	14,243	58	835	13,351	26,088	7,771	13,256	3,523
Pa.	16,826	15,924	503	2,968	12,453	34,251	3,714	23,403	1,778
W. Va.	11,669	11,484	892	229	10,363	28,934	2,901	14,153	1,092
Lake	51,644	47,579	6,750	11,886	28,944	97,766	30,984	44,517	11,901
Mich.	19,270	18,778	2,472	3,947	12,359	42,441	13,205	19,214	5,061
Minn.	16,709	13,695	2,336	4,992	6,367	24,607	8,531	11,454	3,477
N. Dak.	422	405	114	10	281	474	-	257	(2)
S. Dak. (east)	335	223	74	3	146	448	66	134	23
Wis.	14,908	14,478	1,753	2,934	9,792	29,797	9,183	13,457	3,340
Central	42,872	41,163	2,940	792	37,431	83,788	4,625	30,319	1,684
Ill.	3,810	3,692	269	11	3,413	7,094	30	2,180	24
Ind.	3,943	3,815	239	171	3,405	10,967	255	3,758	87
Iowa	1,561	1,460	57	56	1,348	3,419	14	1,038	6
Kans.	1,344	1,187	27	10	1,151	2,020	1	584	1
Ky.	12,161	11,902	819	77	11,007	28,941	2,091	11,968	916
Mo.	12,876	12,289	1,313	219	10,757	15,270	1,292	6,022	392
Nebr.	1,029	789	67	12	710	1,737	510	442	119
Ohio	6,147	6,029	150	237	5,642	14,341	433	4,328	139
South	206,175	188,046	14,485	3,245	170,315	614,709	341,023	202,009	97,136
So. Atl	48,710	47,677	3,897	883	42,897	171,401	74,317	59,988	23,333
N.C.	20,043	19,562	1,365	398	17,799	76,794	35,375	26,131	10,742
S.C.	12,249	12,176	862	233	11,081	40,837	22,809	14,201	7,079
Va.	16,417	15,939	1,670	252	14,017	53,771	16,134	19,657	5,512
E. Gulf	42,296	40,142	3,040	620	36,482	112,478	74,078	40,134	24,405
Fla.	17,040	15,330	1,623	492	13,215	31,850	21,129	11,793	7,525
Ga.	25,256	24,812	1,417	128	23,268	80,529	52,949	26,402	16,880
Cr. Gulf	51,237	50,657	2,935	1,016	46,707	162,351	87,903	51,977	23,555
Ala.	21,361	21,333	800	209	20,324	69,396	46,509	22,240	12,339
Miss.	16,716	16,504	1,218	461	14,828	60,642	35,370	17,234	8,829
Tenn.	13,161	12,820	919	346	11,555	32,313	6,024	12,504	2,267
W. Gulf	64,632	49,569	4,814	726	44,229	166,478	104,724	49,910	25,849
Ark.	19,282	18,207	2,718	256	15,233	48,969	26,462	17,145	7,080
La.	14,558	14,527	694	309	13,525	63,418	38,648	17,431	6,417
Okl.	8,513	4,323	463	105	3,755	6,067	3,576	2,082	1,010
Tex.	23,279	12,513	740	56	11,717	50,025	36,039	19,272	8,356
West	352,021	128,299	79,023	8,455	40,821	1,605,211	1,547,682	335,914	314,069
Pac. NW	172,136	53,283	29,552	5,630	18,101	950,326	911,692	186,130	173,155
Alaska	119,145	11,150	8,423	2,438	289	188,858	184,406	49,073	40,820
Oreg.	29,810	24,211	14,201	926	9,084	431,172	414,186	79,554	74,735
Wash.	23,181	17,922	6,928	2,266	8,728	330,296	313,300	63,503	57,800
Pac. SW	42,138	17,251	8,581	548	8,122	264,716	255,611	49,668	45,979
Calif.	40,152	16,303	8,569	106	7,626	263,669	255,594	48,870	45,975
Hawaii	1,986	948	12	442	494	1,047	17	202	4
No. Rocky Mt.	55,682	33,478	23,227	1,595	6,857	269,646	267,567	68,699	67,942
Idaho	21,727	13,541	9,840	880	3,021	139,618	139,050	31,684	31,662
Mont.	22,559	14,359	9,280	534	4,565	97,334	96,238	27,677	27,691
S. Dak. (west)	1,367	1,244	958	70	215	5,615	5,597	1,643	1,627
Wyo.	10,028	4,334	3,369	111	855	27,079	26,693	7,195	6,963
So. Rocky Mt.	82,065	24,287	17,683	682	5,941	120,524	118,812	31,116	26,993
Ariz.	18,494	3,898	3,696	34	166	22,711	22,063	4,982	4,763
Colo.	22,271	11,315	7,962	234	3,118	54,941	50,684	15,038	12,624
Nev.	7,683	134	61	5	69	1,368	1,363	262	249
N. Mex.	18,060	5,538	3,439	171	1,927	25,919	24,346	6,395	5,796
Utah	15,557	3,405	2,505	239	561	15,565	14,357	4,440	3,562

- Represents zero. Z Less than 500,000 cubic feet. ¹ Commercial timberland is forest land which is producing or is capable of producing crops of industrial wood and not withdrawn from timber utilization by statute or administrative regulation. Areas qualifying as commercial timberland have the capability of producing in excess of 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included. ² Includes Indian lands. ³ Net volume of the saw log portion of live sawtimber trees in board feet, international 1/4-inch log rule. ⁴ Net volume in cubic feet of live sawtimber and polelimber trees from stump to a minimum 4-inch top (of central stem) outside bark or to the point where the central stem breaks into limbs.

Source: U.S. Forest Service, *An Analysis of the Timber Situation in the United States, 1952-2030*, Appendix 3.

NO. 1258. NATIONAL FOREST LANDS—STATES AND OTHER AREAS: 1980

[In thousands of acres. As of Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series L 10-11]

STATE	Gross area within unit boundaries ¹	National forest system lands	Other lands within unit boundaries	STATE OR OTHER AREA	Gross area within unit boundaries ¹	National forest system lands	Other lands within unit boundaries
Total.....	226,380	187,328	39,052				
Ala.....	1,263	644	619	Nev.....	5,434	5,146	289
Alaska.....	20,777	19,948	829	N.H.....	814	700	114
Ariz.....	11,936	11,271	665	N. Mex.....	10,271	9,244	1,027
Ark.....	3,502	2,476	1,026	N.Y.....	13	13	-
Calif.....	24,291	20,370	3,921	N. Dak.....	3,165	1,163	2,003
Colo.....	15,932	14,414	1,518	Ohio.....	1,106	1,106	(2)
Conn.....	(2)	(2)	(2)	Okla.....	634	175	658
Fla.....	1,225	1,098	127	Oreg.....	461	293	168
Ge.....	1,911	863	1,048	Pa.....	17,453	15,616	1,838
Idaho.....	21,694	20,423	1,271	S.C.....	743	509	234
Ill.....	840	261	579	S. Dak.....	2,269	1,995	274
Ind.....	645	186	459	Tenn.....	1,205	622	583
Kans.....	108	108	-	Tex.....	1,994	793	1,212
Ky.....	2,102	667	1,435	Utah.....	9,129	8,046	1,083
La.....	1,023	598	425	Vt.....	629	280	350
Maine.....	94	51	42	Va.....	3,226	1,617	1,608
Mich.....	4,870	2,728	2,141	Wash.....	10,023	9,053	971
Minn.....	5,466	2,796	2,670	W. Va.....	1,861	967	894
Miss.....	2,310	1,141	1,169	Wis.....	2,023	1,499	524
Mo.....	3,082	1,463	1,619	Wyo.....	9,691	9,253	437
Mont.....	19,086	16,753	2,333	Puerto Rico.....	56	28	28
Nebr.....	441	352	89	Virgin Islands.....	(2)	(2)	-

- Represents zero. Z Less than 500 acres. ¹ See footnote 1, table 1254.Source: U.S. Forest Service, *National Forest System*, annual.

NO. 1259. WILDFIRES—SUMMARY: 1960 TO 1979

[See also *Historical Statistics, Colonial Times to 1970*, series L 44-55]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979
ACREAGE (1,000)									
Protected area:									
Federal ^{1,2}	362,836	655,001	647,239	678,253	677,949	680,243	681,564	680,185	680,223
Area burned ¹	622	146	719	1,200	408	519	802	202	1,237
State and private ^{3,4}	402,800	472,023	520,501	708,129	726,356	737,228	748,692	773,772	783,609
Area burned.....	1,909	1,206	1,541	1,511	1,119	2,119	2,096	1,553	1,317
Unprotected area:									
Federal.....	-	55	65,537	54,232	54,232	54,232	54,232	54,232	54,232
State and private.....	32,030	30,294	45,751	63,835	70,848	101,192	98,501	93,972	89,518
Area burned.....	1,947	1,300	1,019	(NA)	(NA)	2,472	(NA)	2,156	433
REPORTED FIRES (1,000)									
Total.....	103.4	113.7	121.7	145.9	134.9	241.7	174.0	218.8	163.2
On protected areas ⁴	89.6	100.6	116.4	120.9	103.3	172.8	158.9	144.9	118.3
Percent of total.....	86.7	88.5	95.6	82.9	76.6	71.5	91.3	66.2	72.5
Federal area ⁵	⁶ 12.1	9.1	15.0	15.0	12.3	15.8	16.3	14.1	13.9
State and private.....	91.3	104.6	106.8	130.8	122.6	225.9	157.7	204.8	149.3
Protected.....	77.5	91.5	101.5	105.8	91.0	157.0	142.6	130.8	104.4
Unprotected.....	13.8	13.1	5.3	25.0	31.6	68.9	15.1	74.0	44.9
Cause of fires: ⁶									
Incendary (arson).....	21.2	26.9	30.9	31.4	28.2	51.3	45.3	46.2	32.5
Debris burning.....	21.9	22.9	28.3	23.0	18.2	38.9	36.1	31.5	26.6
Smoking.....	16.0	16.5	14.5	13.4	10.5	17.7	15.4	13.2	10.2
Lightning.....	11.1	8.7	12.8	12.6	9.4	11.7	15.8	10.8	9.6
Caused by children.....	(NA)	(NA)	7.7	11.1	10.8	14.4	13.1	11.6	11.2
Railroads.....	3.9	(⁷)	6.8	7.2	5.2	10.8	8.1	6.9	5.5
Equipment use.....	(NA)	(NA)	3.4	5.7	4.6	7.7	6.7	7.1	7.2
Campfires.....	3.6	3.4	3.8	4.3	4.0	5.1	4.6	4.3	3.8
Miscellaneous ⁸	12.0	22.1	8.1	12.1	12.4	15.2	13.7	13.3	11.7
FIRE PROTECTION EXPENDITURES ^{3,9} (mil. dol.)									
Total funds.....	56.6	76.6	113.5	150.4	169.0	189.8	217.0	212.0	216.2
Federal.....	9.4	12.8	16.4	20.1	25.2	22.6	20.7	30.0	30.6
State and county.....	45.1	62.6	95.3						
Private.....	2.2	1.2	1.8	130.3	143.9	167.1	196.3	182.0	185.6

- Represents zero. NA Not available.

¹ Comprises land administered by U.S. Dept. of Agriculture, U.S. Dept. of Interior, and Tennessee Valley Authority, etc. ² Beginning 1965, includes nonforest watershed areas under U.S. Dept. of Interior protection. ³ 1960 excludes Alaska; 1975 and 1977 include Guam. ⁴ Includes nonforest watershed areas. ⁵ For protected areas only. ⁶ Excludes nonforested watershed lands under U.S. Dept. of Interior protection. ⁷ Included in various other classifications. ⁸ 1960, lumbering included in "Miscellaneous"; thereafter in various other classifications. ⁹ For fire protection on State, county, and private lands only; years ending June 30, through 1976; thereafter, ending Sept. 30.

Source: U.S. Forest Service, *Wildfire Statistics*, annual, and unpublished data.

NO. 1260. FOREST TREE DISTRIBUTION AND FOREST MANAGEMENT: 1960 TO 1978

[For years ending June 30 except, beginning 1976, ending Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series L 32-43]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Forest trees distributed ¹	Millions.....	845	509	495	553	581	540	578	506	657	(NA)
Costs, total.....	\$1,000.....	6,573	6,865	8,544	5,810	6,200	6,890	5,537	(NA)	(NA)	(NA)
Federal contributions.....	\$1,000.....	186	216	197	175	214	216	225	143	145	(NA)
State expenditures.....	\$1,000.....	6,387	6,649	8,347	5,636	5,986	6,674	5,312	(NA)	(NA)	(NA)
Acreage planted ²	1,000.....	2,137	1,325	1,600	1,680	1,750	1,604	1,931	1,892	1,978	2,089
Forest management program: ³											
Woodland owners assisted.....	1,000.....	82	99	115	274	106	118	141	105	134	165
Woodland involved.....	1,000 acres.....	4,116	6,165	6,945	11,158	6,472	7,106	10,369	4,085	4,614	5,750
Products harvested.....	Mill. bd. ft.....	596	717	1,226	956	1,579	907	678	597	921	1,121
Gross sale value.....	Mill. dol.....	14	17	32	24	38	44	26	(NA)	(NA)	(NA)
Expenditures, total.....	Mill. dol.....	3.9	6.8	11.6	14.6	16.5	19.4	22.4	23.3	(NA)	(NA)
Federal.....	Mill. dol.....	1.4	2.7	3.7	4.3	4.1	4.3	4.7	4.7	5.5	(NA)
State.....	Mill. dol.....	2.5	4.1	8.0	10.3	12.4	15.2	17.8	18.6	(NA)	(NA)

NA Not available. ¹ Provided by Clark-McNary Program Act of June 7, 1924 as amended. ² Includes areas planted by direct seeding; excludes areas satisfactorily reforested or established as wind barriers because some of the plantings or seedlings are not successful. ³ Under the Cooperative Forest Management Act of August 25, 1950, and related legislation.

Source: U.S. Forest Service, In U.S. Dept. of Agriculture, *Agricultural Statistics*, annual.

NO. 1261. TIMBER PRODUCTS—PRODUCTION, FOREIGN TRADE, AND CONSUMPTION, BY TYPE OF PRODUCT, 1960 TO 1979

[In millions of cubic feet, roundwood equivalent. See also *Historical Statistics, Colonial Times to 1970*, series L 72-86]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979, prel.
Industrial roundwood:										
Domestic production ¹	8,920	10,555	11,105	11,925	11,540	10,570	11,815	11,985	12,240	12,525
Softwoods.....	6,930	8,130	8,635	9,255	8,815	6,380	9,340	9,435	9,520	9,710
Hardwoods.....	1,995	2,430	2,470	2,670	2,730	2,195	2,475	2,535	2,720	2,810
Imports.....	1,680	2,105	2,430	3,150	2,755	2,220	2,840	3,310	3,755	3,660
Exports.....	455	740	1,540	1,755	1,805	1,685	1,870	1,795	1,845	2,135
Consumption ²	10,145	11,925	11,995	13,325	12,490	11,105	12,785	13,480	14,150	14,050
Softwoods.....	8,065	9,380	9,425	10,470	9,710	8,675	10,225	10,840	11,330	11,180
Hardwoods.....	2,080	2,545	2,565	2,855	2,780	2,230	2,560	2,640	2,820	2,875
Lumber:										
Domestic production.....	³ 5,080	5,665	5,215	5,670	5,095	4,890	5,475	5,730	5,825	5,680
Imports.....	610	815	955	1,460	1,115	930	1,290	1,675	1,910	1,800
Exports.....	135	145	185	300	270	255	290	260	275	340
Consumption.....	5,560	6,335	5,970	6,830	5,840	5,565	6,475	7,140	7,460	7,145
Plywood and veneer:										
Domestic production.....	705	1,030	1,020	1,320	1,150	1,165	1,355	1,425	1,460	1,395
Imports.....	80	100	170	225	155	170	215	210	230	195
Exports.....	(2)	5	15	40	50	70	85	35	45	45
Consumption.....	765	1,125	1,170	1,510	1,255	1,265	1,500	1,600	1,645	1,545
Pulp products:										
Domestic production.....	2,575	3,095	3,835	3,755	4,220	3,495	3,805	3,645	3,745	4,090
Imports.....	985	1,175	1,280	1,460	1,470	1,105	1,320	1,395	1,595	1,640
Exports.....	275	380	720	640	805	715	710	725	720	805
Consumption.....	3,290	3,890	4,400	4,575	4,685	3,875	4,420	4,390	4,625	4,925
Logs: imports.....	20	15	25	5	15	15	15	30	20	25
Exports.....	45	205	465	575	455	455	555	525	585	665
Pulpwood chips, exports.....	—	5	145	200	230	195	245	250	225	280
Other industrial prod. ⁴ consumption.....	510	560	425	405	395	385	380	390	400	410
Fuelwood consumption.....	1,300	915	540	505	535	570	600	635	680	780

— Represents zero. Z Less than 500,000 cubic feet. ¹ Includes log exports. ² Includes log imports. ³ Excludes Alaska and Hawaii. ⁴ Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, etc.

Source: U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-80*, annual.

NO. 1262. TIMBER PRODUCTS—PER CAPITA CONSUMPTION: 1960 TO 1979

[Based on total population estimated as of July 1. See also *Historical Statistics, Colonial Times to 1970*, series L 87-97]

PRODUCT	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979, prel.
All products.....	Cu. ft.....	53.3	66.1	61.2	65.7	61.5	54.7	62.2	65.1	67.8	67.2
Industrial roundwood.....	Cu. ft.....	56.1	61.4	58.5	63.3	58.9	52.0	59.4	62.1	64.7	63.7
Lumber.....	Cu. ft.....	30.8	32.6	29.1	32.5	28.0	26.0	30.1	32.9	34.1	32.4
Plywood and veneer.....	Cu. ft.....	4.2	5.8	5.7	7.2	5.9	5.9	7.0	7.4	7.5	7.0
Pulp products.....	Cu. ft.....	18.2	20.0	21.5	21.7	23.1	18.1	20.5	19.9	21.1	22.3
Other products.....	Cu. ft.....	2.8	2.9	2.1	1.9	1.9	1.8	1.8	1.8	1.8	1.9
Fuelwood.....	Cu. ft.....	7.2	4.7	2.6	2.4	2.5	2.7	2.8	2.9	3.1	3.5
Lumber.....	Bd. ft.....	199	212	193	220	189	173	188	216	223	213
Plywood and veneer.....	Bd. ft.....	25	35	34	41	33	33	38	40	41	38
Pulp products.....	Cords (128 cu. ft.).....	.2	.3	.3	.3	.4	.3	.4	.4	.4	.4

Source: U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-80*, annual.

NO. 1263. SELECTED TIMBER PRODUCTS—PRODUCER PRICE INDEXES: 1960 TO 1980

[1967 = 100. 1960 excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series L 205-210]

PRODUCT	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Lumber products.....	92	94	114	159	205	207	193	233	277	322	354	326
Softwood lumber.....	93	93	113	158	214	211	201	248	297	346	380	345
Douglas fir.....	89	92	109	161	210	214	212	251	291	340	384	353
Southern pine.....	94	91	115	152	188	185	175	217	263	305	324	297
Ponderosa pine, #3 boards.....	104	94	116	192	264	248	211	271	340	385	466	422
Hardwood lumber.....	91	97	115	126	169	190	160	176	200	236	260	252
Oak, red, flooring, select.....	99	108	113	128	202	203	159	(NA)	227	285	359	323
Gum #1, common.....	68	82	93	109	142	159	115	125	127	164	182	182
Poplar #1, common.....	80	88	105	108	150	173	121	131	137	163	174	167
Birch #1, common.....	89	96	91	96	123	140	122	127	137	144	157	165
Plywood.....	110	104	108	131	155	161	161	187	212	236	251	247
Softwood.....	113	108	114	155	194	187	201	248	296	326	323	309
Hardwood.....	105	101	103	104	113	130	120	123	128	140	169	177
Insulation board.....	114	98	111	119	122	134	144	161	178	203	199	208
Woodpulp.....	102	100	110	112	128	218	283	286	281	267	315	360
Paper.....	93	95	111	116	121	149	173	182	194	206	230	257
Paperboard.....	105	102	101	106	115	152	170	176	176	180	202	235
Containerboard.....	106	104	99	104	113	146	172	176	172	173	198	231
Hardboard and particleboard.....	104	104	93	96	106	115	114	124	141	170	166	191

NA Not available.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, annual.

NO. 1264. SELECTED SPECIES—STUMPAGE AND LOG PRICES: 1960 TO 1980

[In dollars per 1,000 board feet. Stumpage prices are based on sales of sawtimber from National Forests. See also *Historical Statistics, Colonial Times to 1970*, series L 199-205]

SPECIES	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Softwoods:											
Douglas-fir ¹	32.00	42.60	41.90	138.10	202.40	169.50	176.20	225.90	250.30	394.40	432.20
Southern pine ²	34.50	31.70	44.10	93.40	76.20	57.00	87.00	100.30	134.50	155.20	155.40
Sugar pine ³	28.00	23.30	38.50	89.20	104.00	89.20	187.20	189.80	159.60	285.00	688.80
Ponderosa pine ⁴	19.10	18.80	32.10	92.30	100.60	71.20	101.80	131.40	164.70	239.00	206.10
Western hemlock ⁵	10.50	19.10	20.50	99.20	110.80	68.80	79.70	89.30	113.60	200.80	212.70
Hardwoods:											
All eastern hardwoods.....	22.80	25.00	26.90	46.00	45.90	33.80	34.90	37.90	41.10	46.80	52.40
Oak, white, red, and black.....	23.40	21.30	26.60	43.60	54.70	29.70	43.40	60.00	59.20	68.80	65.60
Maple.....	35.00	31.90	34.40	71.40	79.50	39.60	36.60	42.10	57.40	33.90	37.40
Douglas-fir log prices:⁷											
Saw logs ⁸	58.40	63.00	89.30	172.30	180.50	168.70	202.90	242.80	284.60	382.20	379.80
Peeler logs ⁹	100.10	93.90	136.60	320.40	299.30	274.40	377.70	322.20	446.40	571.30	584.40

¹ Western Washington and western Oregon.² Southern region.³ Pacific Southwest region (formerly California region).⁴ Pacific Southwest region (formerly California region). Includes Jeffrey pine. ⁵ Pacific Northwest region. ⁶ Eastern and Southern regions. ⁷ (Scribner log scale.) Prices are for western Washington and northwest Oregon and represent average transactions which may take place at a variety of points in the distribution process, e.g., at a river dump, reloading or truck scaling station, or on delivery to a mill. ⁸ Includes mixed grades, ungraded, and, beginning 1972, grade 4 logs. ⁹ Includes special fir peeler or special mill grade.Source: U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-80*, annual.

NO. 1265. AVERAGE HOURLY EARNINGS IN TIMBER-BASED INDUSTRIES: 1970 TO 1980

[Earnings for production or nonsupervisory workers. See also *Historical Statistics, Colonial Times to 1970*, series L 212-223]

ITEM	EARNINGS (dollars)						INDEX (1972 = 100)					
	1970	1975	1977	1978	1979	1980	1970	1975	1977	1978	1979	1980
Lumber and wood products¹.....	2.96	4.26	5.10	5.60	6.07	6.53	89	128	153	168	182	196
Logging camps and contractors.....	(NA)	5.28	6.58	7.26	7.97	8.53	(NA)	124	155	171	185	201
Sawmills and planing mills.....	2.84	4.34	5.28	5.82	6.32	6.71	86	132	160	177	192	204
Millwork, plywood, and structural members.....	(NA)	4.26	5.04	5.56	5.95	6.40	(NA)	126	150	165	177	190
Paper and allied products.....	3.44	5.01	5.96	6.52	7.13	7.84	87	127	151	165	181	198
Furniture and fixtures.....	2.77	3.78	4.34	4.68	5.06	5.49	90	123	141	152	164	178

NA Not available. ¹ Excludes furniture.Source: U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-80*, annual.

No. 1266. LUMBER PRODUCTION AND CONSUMPTION, BY KIND OF WOOD: 1960 TO 1979

(In millions of board feet, except as indicated. 1960 excludes Alaska and Hawaii. Based on sample survey; see source for sampling variability. See also *Historical Statistics, Colonial Times to 1970*, series L 98-112 and L 122-137)

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979, prel.
Total production.....	32,926	36,762	34,668	37,745	38,595	34,608	32,619	36,295	37,882	38,270	37,678
Softwoods ¹	26,672	29,295	27,530	30,975	31,586	27,704	26,747	29,878	31,202	31,273	30,411
Cedar.....	(8)	633	633	756	785	811	821	934	967	929	837
Douglas fir.....	8,832	8,783	7,727	8,459	8,686	7,901	7,329	8,207	8,543	8,601	8,425
Hemlock.....	2,032	2,576	1,980	2,692	2,711	2,105	2,020	2,454	2,439	2,728	2,715
Ponderosa pine.....	3,169	3,776	3,429	4,001	4,030	3,580	3,544	4,032	4,167	4,175	3,966
Redwood.....	1,000	1,087	1,078	1,242	1,277	1,170	1,054	1,128	1,148	917	896
Southern yellow pine.....	5,650	6,828	7,063	7,684	7,895	6,921	6,967	7,598	8,239	8,267	8,304
White fir.....	2,224	2,422	2,063	2,307	2,438	2,071	2,012	2,104	2,184	2,099	2,140
White pine.....	675	693	898	1,056	1,069	925	947	1,080	1,080	1,154	1,101
Hardwoods ¹	6,254	7,467	7,138	6,770	7,009	6,904	5,872	6,417	6,680	6,997	7,267
Ash.....	125	141	159	148	140	143	124	137	144	160	148
Beech.....	195	182	188	182	176	167	136	140	137	146	193
Cottonwood.....	206	198	229	268	326	312	253	309	355	372	374
Elm.....	195	209	155	141	145	155	117	131	149	151	151
Maple.....	602	786	742	624	623	574	531	599	563	561	580
Oak.....	2,769	3,356	3,250	3,121	3,227	3,160	2,724	2,996	3,103	3,220	3,461
Sweet gum ²	331	387	376	332	342	294	245	286	377	412	401
Tupelo and black gum.....	292	385	335	319	303	331	251	277	252	267	286
Yellow poplar.....	592	681	606	628	701	710	555	596	605	645	673
Domestic consumption ³.....	35,225	40,782	38,073	46,747	45,555	38,866	36,099	42,194	46,969	48,196	45,862
Percent net imports ⁴	8.7	10.6	12.7	17.1	16.6	14.2	12.0	15.2	19.3	21.8	20.4
Softwoods.....	28,974	32,701	31,585	39,354	38,088	32,082	30,308	35,753	40,079	41,435	38,947
Per capita (bd. ft.).....	184	172	155	189	181	152	142	167	185	189	177
Mill stocks, yearend.....	5,285	4,145	4,340	3,576	3,593	3,967	3,854	3,719	3,580	3,999	4,157
Exports.....	698	777	1,152	1,196	1,773	1,506	1,373	1,583	1,413	1,369	1,745
Imports.....	3,631	4,895	5,769	8,977	9,002	6,807	5,711	7,950	10,380	11,825	11,118
Canada ⁵	3,756	4,856	5,722	8,878	8,844	6,732	5,677	7,913	10,327	11,777	11,101
Hardwoods.....	6,252	8,081	6,488	7,393	7,467	6,784	5,791	6,441	6,890	6,761	6,935
Per capita (bd. ft.).....	35	39	32	35	35	32	27	30	32	31	31
Mill stocks, yearend.....	2,067	1,065	1,144	581	759	1,103	1,093	1,132	1,027	796	1,163
Exports.....	173	145	138	252	222	235	245	262	251	320	307
Imports.....	291	338	347	457	558	464	237	288	341	361	376
Canada ⁶	118	161	145	151	155	115	62	83	81	103	87

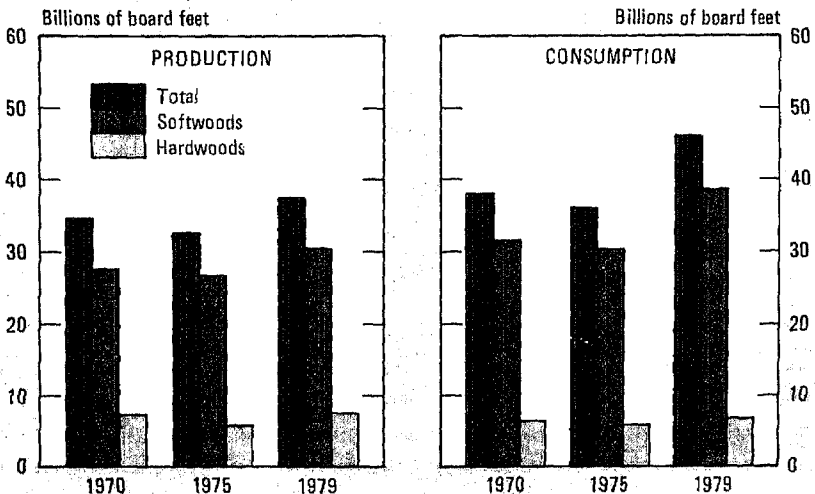
S. Figure does not meet publication standards.
Copeland Economics Group, Inc., Stamford, Conn.

¹Includes types not shown separately. ²Red and sap. ³Source: U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-80*, annual.

Source: Except as noted, U.S. Bureau of the Census, *Current Industrial Reports*, series MA-24T, annual.

Figure 25.1

Lumber Production and Consumption, by Kind of Wood: 1970 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1266.

NO. 1267. LUMBER PRODUCTION, BY GEOGRAPHIC DIVISION: 1970 TO 1979

[Data based in part on a sample of sawmills and are subject to sampling variability, see source. For composition of divisions, see fig. 1, inside front cover. See *Historical Statistics, Colonial Times to 1970*, series L 113-121, for data by regions]

GEOGRAPHIC DIVISION	PRODUCTION (bil. bd. ft.)								PERCENT			
	1970	1973	1974	1975	1976	1977	1978	1979, prel.	1970	1975	1978	1979, prel.
United States	34.7	38.6	34.6	32.6	36.3	37.9	38.3	37.7	100.0	100.0	100.0	100.0
North ¹	4.4	4.6	4.4	4.1	4.5	4.7	4.9	5.0	12.8	12.6	12.8	13.2
Hardwood.....	3.4	3.5	3.3	3.0	3.3	3.4	3.4	3.6	9.8	9.2	8.9	9.5
Softwood.....	1.0	1.1	1.1	1.1	1.3	1.3	1.5	1.4	3.0	3.4	3.9	3.7
South ¹	10.8	11.4	10.4	9.7	10.6	11.4	11.7	11.6	31.2	29.7	30.5	30.8
Hardwood.....	3.6	3.4	3.4	2.7	3.0	3.1	3.3	3.5	10.5	8.3	8.6	9.3
Softwood.....	7.2	8.0	7.0	7.0	7.7	8.3	8.4	8.1	20.7	21.4	21.9	21.5
West ^{1,2}	19.4	22.6	19.7	18.8	21.1	21.8	21.7	21.1	56.0	57.7	56.7	56.0
New England.....	.7	.8	.8	.8	.9	.9	1.0	1.0	2.2	2.5	2.6	2.7
Middle Atlantic.....	.8	.8	.9	.7	.8	.9	.9	.9	2.3	2.2	2.3	2.4
East North Central.....	1.2	1.3	1.2	1.1	1.2	1.3	1.4	1.4	3.5	3.4	3.7	3.6
West North Central.....	.6	.6	.6	.5	.6	.6	.7	.6	1.8	1.7	1.8	1.7
South Atlantic.....	5.2	5.5	5.1	4.7	5.2	5.3	5.4	5.8	15.1	14.6	14.1	15.4
East South Central.....	3.4	3.6	3.4	3.0	3.3	3.6	3.7	3.6	9.8	9.1	9.7	9.6
West South Central.....	3.2	3.3	2.9	3.0	3.1	3.5	3.6	3.2	9.3	9.1	9.4	8.6
Mountain.....	4.2	4.6	3.9	3.9	4.6	4.7	4.7	4.5	12.0	12.1	12.3	11.9
Pacific.....	15.3	18.0	15.8	14.8	16.6	17.1	17.0	16.6	44.0	45.4	44.4	44.2

¹ Source: U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-80*, annual. ² Includes small volumes of western hardwoods—about .2 billion board feet in recent years.

Source: Except as noted, U.S. Bureau of the Census, *Current Industrial Reports*, series MA-24T, annual.

NO. 1268. LOGS—EXPORTS AND IMPORTS: 1960 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series L 138-150]

ITEM	VOLUME (mil. bd. ft., log scale)						VALUE (mil. dol.)					
	1960	1970	1975	1978	1979	1980	1960	1970	1975	1978	1979	1980
Exports	266	2,741	2,667	3,409	3,897	3,261	29	356	724	1,180	1,751	1,581
Softwoods.....	210	2,672	2,601	3,298	3,768	3,109	16	320	681	1,077	1,614	1,452
Hardwoods.....	56	69	66	111	129	152	13	36	43	103	138	129
Imports	112	144	85	97	133	128	9	13	16	18	28	20
Softwoods.....	32	107	69	79	118	114	1	9	12	14	26	17
Hardwoods.....	80	38	17	18	15	13	7	5	3	3	3	3

Source: U.S. Forest Service, *U.S. Timber Production, Trade, Consumption, and Price Statistics, 1950-80*, annual.

NO. 1269. WOOD PRODUCTS—PRODUCTION: 1960 TO 1980

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980, prel.
Hardwood flooring.....	Mil. bd. ft.	915	808	333	205	155	190	390	385	360	300
Softwood plywood.....	Mil. sq. ft. % basis	7.8	12.4	14.1	15.3	15.7	17.9	18.9	19.5	18.5	16.7
Insulation boards.....	1,000 short tons	1,098	1,258	1,219	1,295	1,249	1,434	1,403	1,425	1,351	934
Hardboard.....	1,000 short tons	686	1,093	1,463	1,978	1,784	2,110	2,237	2,416	2,291	1,788
Particleboard.....	Mil. sq. ft. % basis	268	780	1,764	3,094	2,367	3,000	3,590	3,720	3,376	2,950

Source: U.S. Dept. of Commerce, Bureau of Industrial Economics, *Construction Review*, monthly. Based on reports of U.S. Bureau of the Census and National Particleboard Association, Silver Spring, Md.

NO. 1270. PLYWOOD—PRODUCTION, IMPORTS, EXPORTS, CONSUMPTION, AND VALUE OF SHIPMENTS: 1960 TO 1979

[See also *Historical Statistics, Colonial Times to 1970*, series L 151-165]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Total production	Mil. sq. ft. % basis	8,861	14,477	15,945	19,736	16,707	16,758	18,989	20,065	20,676	19,724
Softwood.....	Mil. sq. ft. % basis	7,759	12,428	14,149	17,929	15,306	15,706	17,906	18,877	19,492	18,588
Hardwood.....	Mil. sq. ft. % basis	1,102	2,049	1,796	1,807	1,401	1,052	1,083	1,187	1,185	1,136
Imports.....	Mil. sq. ft. % basis	725	1,052	1,204	2,536	1,649	1,925	2,368	2,273	2,555	2,087
Exports.....	Mil. sq. ft. % basis	15	37	172	452	610	859	795	357	328	430
Consumption.....	Mil. sq. ft. % basis	9,571	15,492	17,822	21,620	17,746	17,823	20,561	21,881	22,803	21,381
Shipments, total ¹	Mil. dol.	(NA)	1,124	1,265	2,337	2,020	2,073	2,779	3,602	4,078	3,852
Softwood.....	Mil. dol.	(NA)	775	959	1,928	1,826	1,726	2,362	3,125	3,549	3,257
Hardwood.....	Mil. dol.	(NA)	349	310	409	394	347	417	477	529	595

NA Not available. ¹ Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-24F and MA-24H, both annual. Includes interplant transfers.

Source: Except as noted, U.S. Forest Service, *Timber Production, Trade, Consumption, and Price Statistics, 1950-80*, annual.

NO. 1271. PULPWOOD—PRODUCTION, CONSUMPTION, AND PRICES: 1950 TO 1979

[In millions of standard cords of 128 cubic feet, except as indicated. Excludes Alaska in 1950 and Hawaii prior to 1965. See *Historical Statistics, Colonial Times to 1970*, series L 166 and L 168, for similar data]

ITEM	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979, prel.
Production, total	20.7	30.9	40.0	52.3	70.5	71.2	77.2	81.9	69.0	77.4	79.8	80.1	85.9
Softwood	17.8	25.6	31.5	39.8	53.4	53.2	56.7	59.6	52.4	58.1	60.2	58.9	63.1
Hardwood	2.9	5.3	8.5	12.5	17.1	18.0	20.4	22.2	16.6	19.3	19.6	21.2	22.8
Consumption ¹	23.6	33.4	40.5	52.0	67.6	71.5	73.6	74.3	65.4	73.2	73.9	74.2	77.4
Softwood	20.4	27.7	32.1	39.7	51.3	53.6	54.8	54.6	48.9	54.8	55.7	54.9	57.8
Hardwood	3.2	5.6	8.4	12.3	16.3	17.9	18.8	19.8	16.5	18.4	18.3	19.2	19.6
Prices: ²													
Southern pine:													
Mid-south	12.15	14.80	16.05	16.30	18.80	20.80	23.85	28.25	28.70	29.75	31.40	33.15	40.10
Southeast	11.90	14.40	16.45	17.65	21.10	22.85	28.20	32.80	33.20	33.60	34.85	36.25	40.90
Louisiana	(NA)	14.10	14.85	15.70	17.75	19.25	22.50	28.30	29.25	30.45	31.65	34.55	38.95
Hardwoods:													
Mid-south	10.65	12.90	13.10	13.80	16.95	18.55	21.30	25.30	25.70	26.50	28.10	30.35	33.90
Southeast	(NA)	(NA)	13.60	14.35	17.15	18.95	21.15	24.10	24.55	24.55	26.55	28.15	30.45
Louisiana	(NA)	12.25	12.15	13.65	17.45	19.00	22.00	24.95	26.20	26.10	27.20	28.30	32.05
New Hampshire	14.50	(NA)	18.50	16.50	20.00	22.00	23.50	26.50	28.50	31.65	33.00	35.00	37.00

NA Not available. ¹ Source: U.S. Bureau of the Census, *Current Industrial Reports*, series M26A, monthly and annual. ² Dollars per standard cord.

Source: Except as noted, U.S. Forest Service, *Timber Production, Trade, Consumption, and Price Statistics, 1950-80*, annual.

NO. 1272. PAPER AND PAPERBOARD—PRODUCTION AND CONSUMPTION: 1965 TO 1980

[In millions of short tons. See also *Historical Statistics, Colonial Times to 1970*, series L 172, L 174, and L 178-191]

ITEM	PRODUCTION						CONSUMPTION					
	1965 ¹	1970 ¹	1975	1978	1979	1980, prel.	1965	1970	1975	1978	1979	1980, prel.
Total paper and paperboard ^{2,3}	44.1	53.5	52.9	64.4	67.1	65.7	49.1	57.9	56.1	70.5	72.8	69.4
Paper ²	19.2	23.6	23.3	28.3	30.0	30.5	25.2	30.1	28.4	36.2	37.7	37.4
Newsprint	2.1	3.3	3.7	3.8	4.1	4.7	8.4	9.6	9.4	11.2	11.2	11.8
Coated printing, converting	2.8	3.3	3.2	4.5	4.5	4.7	2.8	3.2	3.1	4.7	4.6	4.7
Book paper, uncoated	2.1	2.6	2.3	3.0			2.1	2.7	2.4			
Other printing, writing, etc.	4.2	5.1	5.5	7.1	10.9	10.9	4.3	5.3	5.3	10.5	11.5	11.3
Packaging and industrial converting	5.0	5.4	4.6	5.8	6.0	5.8	4.8	5.3	4.3	5.8	5.9	5.6
Tissue and other machine creped	2.9	3.8	4.0	4.2	4.5	4.4	2.9	3.8	3.9	4.2	4.5	4.3
Paperboard ²	20.8	25.5	24.8	30.3	31.4	31.0	19.7	23.4	22.8	27.9	28.8	27.2
Unbleached kraft	7.6	11.6	11.5	14.4	15.2	15.3	6.9	9.9	10.5	12.9	13.5	12.9
Bleached kraft	2.3	3.4	3.3	4.0	4.0	3.9	2.2	3.3	3.1	3.5	3.4	3.0
Semichemical	2.7	3.4	3.7	4.4	4.7	4.7	2.6	3.4	3.6	4.4	4.7	4.7
Recycled furnish	8.1	7.0	6.2	7.5	7.6	7.1	8.0	6.9	6.2	7.3	7.4	6.8
Construction paper and board	3.9	4.3	4.6	5.6	5.5	4.3	4.1	4.4	4.7	6.2	6.1	4.7

¹ Compiled from U.S. Bureau of the Census reports.

² Consumption data adjusted for net exports of converted products.

³ Includes wet machine board, not shown separately.

Source: American Paper Institute, Inc., New York, N.Y., *The Statistics of Paper and Paperboard*, annual.

NO. 1273. NEWSPRINT—PRODUCTION, STOCKS, CONSUMPTION, IMPORTS, AND PRICE: 1960 TO 1980

[In thousands of short tons, except price. See also *Historical Statistics, Colonial Times to 1970*, series L 192-198]

COUNTRY AND ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Canada:										
Production	6,739	7,720	8,607	9,548	7,679	8,915	8,988	9,713	9,652	9,507
Shipments from mills	6,752	7,747	8,592	9,597	7,727	8,712	9,005	9,792	9,678	9,504
Stocks at mills, end of year	140	150	236	143	95	299	282	203	178	182
United States: ¹										
Total estimated consumption, all users ²	6,962	8,016	9,119	10,284	9,254	9,611	10,230	10,874	11,240	11,121
Production ²	2,038	2,245	3,464	3,561	3,690	3,738	3,870	3,768	4,062	4,672
Shipments from mills ³	2,031	2,248	3,457	3,560	3,690	3,728	3,866	3,779	4,066	4,667
Stocks, end of year: At mills ³	28	19	33	25	21	29	34	22	18	23
At and in transit to publishers	628	573	749	827	734	921	796	728	692	807
Imports ⁴	5,412	6,323	6,635	7,399	5,847	6,569	6,559	7,484	7,223	7,279
Producer price index (1967=100)	96.1	94.6	107.8	151.2	184.0	198.2	215.4	226.3	249.4	* 279.3

¹ Excludes Alaska and Hawaii, except as noted.

² Based on Newspaper Publishers Association sample of publishers. See also table 874.

³ Beginning 1965, includes Alaska and Hawaii.

⁴ Source: Reports of U.S. Bureau of the Census. Includes Alaska, Hawaii, and Puerto Rico.

⁵ Average for 11 months.

Source: Except as noted, U.S. Bureau of Economic Analysis, *Survey of Current Business*, monthly. Data from American Newspaper Publishers Association, Reston, Va., and American Paper Institute, Inc., New York, N.Y.

NO. 1274. WOODPULP—NEW SUPPLY AND CONSUMPTION: 1960 TO 1980

[In millions of short tons. 1960 excludes Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series L 169-170]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total new supply ¹	26.6	35.7	44.0	48.1	50.0	49.7	43.6	48.9	50.4	51.4	54.0	53.3
Production, total ²	25.3	34.0	43.5	46.8	48.3	48.3	43.1	47.7	49.1	50.0	52.6	53.0
Sulphate.....	14.6	21.5	29.5	31.8	33.0	33.0	29.2	32.8	34.2	35.5	37.6	38.8
Groundwood ³	3.3	3.6	4.4	4.6	4.7	4.7	4.4	4.6	4.9	4.7	4.4	4.6
Imports.....	2.4	3.1	3.5	3.7	4.0	4.1	3.1	3.7	3.9	4.0	4.3	4.1
Exports.....	1.1	1.4	3.1	2.3	2.3	2.8	2.6	2.5	2.6	2.6	2.9	3.9
Consumption in paper and board ²	25.7	34.0	43.2	47.3	48.8	48.3	42.4	47.5	48.5	49.8	51.6	51.3

¹ Production plus imports, less exports. ² Source: U.S. Bureau of the Census, *Current Industrial Reports*, through 1978. Production includes other, not shown separately. ³ Beginning 1975, includes thermochemical pulp.

Source: Except as noted, American Paper Institute, Inc., New York, N.Y., *Statistics of Paper and Paperboard*, annual, and *Monthly Statistical Summaries*.

NO. 1275. WASTEPAPER UTILIZATION AND RECOVERY RATES: 1960 TO 1980

[In millions of short tons, except percent. Recovery rate is ratio of total wastepaper recovered to new supply. Wastepaper utilization is the ratio of wastepaper consumption at paper and board mills to paper and board production. See *Historical Statistics, Colonial Times to 1970*, series L 175, for U.S. wastepaper consumption]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Paper and board, production.....	34.4	44.1	53.5	61.9	61.1	52.9	60.5	62.3	64.4	67.1	65.7
Wastepaper consumption.....	9.0	10.2	11.8	14.1	14.0	11.7	13.6	14.1	14.8	15.4	14.5
Wastepaper utilization rate (percent).....	26.2	23.1	22.1	22.8	22.9	22.2	22.5	22.7	23.0	23.0	22.1
Other wastepaper uses ¹	.20	.20	.20	.46	.46	.50	.63	.84	.43	.43	.44
Wastepaper exports ²	.15	.29	.41	.68	1.31	.86	1.27	1.51	1.60	2.23	2.66
Total wastepaper recovered.....	9.3	10.6	12.3	15.2	15.7	13.1	15.4	16.3	16.8	18.0	17.6
Paper and board, new supply.....	39.1	49.1	57.9	67.3	65.5	56.0	64.3	66.4	70.5	72.8	69.6
Recovery rate (percent).....	23.8	21.5	21.2	22.6	23.9	23.3	23.9	24.6	23.8	24.7	25.4

¹ Estimated. ² Source: U.S. Bureau of the Census.

Source: Except as noted, American Paper Institute, Inc., New York, N.Y., *Statistics of Paper and Paperboard*, annual, and unpublished data.

NO. 1276. TURPENTINE AND ROSIN—PRODUCTION, IMPORTS, EXPORTS, AND CONSUMPTION: 1960 TO 1980

[For years beginning April 1. Except as indicated, turpentine in thousands of 50-gallon barrels and rosin in thousands of drums (520 pounds net weight for wood; 517 pounds for gum). See *Historical Statistics, Colonial Times to 1970*, series L 176 and L 177, for total production]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980 ¹
Turpentine:											
Production.....	604.8	700.7	575.8	530.6	487.0	447.6	482.2	477.1	507.7	527.8	(NA)
Gum.....	119.0	111.4	25.8	21.4	15.6	20.7	17.4	14.5	9.7	6.7	6.3
Wood.....	485.8	589.3	550.0	509.2	471.4	426.9	464.8	462.6	498.0	521.1	(NA)
Value of production (\$1,000).....	2,849	3,091	1,550	863	1,084	1,640	1,278	1,035	784	686	(NA)
Price per gallon (dol.).....	.479	.555	1.200	.806	1.389	1.585	1.427	1.425	1.610	2.036	(NA)
Imports.....	15.6	18.0	24.1	33.6	29.7	58.6	16.3	7.9	7.1	7.8	12.7
Exports.....	81.8	45.1	39.7	30.7	16.9	4.2	20.3	19.4	15.3	13.5	23.0
Gum.....	23.2	21.5	6.1	3.2	2.1	1.5	2.1	9	.6	.6	.5
Wood.....	58.6	23.6	33.5	27.5	14.2	2.7	18.2	18.5	14.7	12.9	22.5
Industrial consumption.....	376.8	535.6	536.2	443.1	439.7	423.5	480.6	473.3	505.3	504.3	(NA)
Gum.....	3.5	8.2	3.1	1.9	2.0	2.2	1.8	1.7	1.5	1.1	(NA)
Wood.....	373.2	527.4	533.1	441.4	437.7	421.2	478.8	471.5	503.7	503.2	(NA)
Rosin:											
Production.....	2,010	2,067	1,656	1,584	1,306	1,088	1,357	1,301	1,339	1,363	(NA)
Gum.....	370	361	88	74	54	72	61	51	35	24	22
Wood.....	1,640	1,706	1,568	1,510	1,252	1,016	1,296	1,250	1,304	1,339	(NA)
Value of production (\$1,000).....	27,787	19,352	6,818	8,737	10,106	9,338	7,971	6,702	4,925	4,385	(NA)
Price per 100 lb. net (dol.).....	14.52	10.36	15.03	22.72	35.92	25.15	24.46	25.35	27.54	35.05	(NA)
Imports.....	(2)	1	(2)	106	162	21	25	31	55	49	39
Exports.....	628	541	570	424	268	174	280	215	328	396	383
Gum.....	157	81	124	26	18	13	15	14	18	18	15
Wood.....	471	460	446	398	250	161	265	201	310	378	368
Industrial consumption.....	1,409	1,538	1,462	1,271	1,103	1,046	1,203	1,074	1,168	1,065	(NA)
Gum.....	258	136	121	100	110	104	56	74	64	41	(NA)
Wood.....	1,151	1,400	1,341	1,171	993	942	1,146	1,000	1,104	1,024	(NA)

NA Not available. Z Less than 500. ¹ Preliminary.

Source: U.S. Department of Agriculture, Statistical Reporting Service, *Agricultural Statistics*, annual, and *Naval Stores*, annual summary.

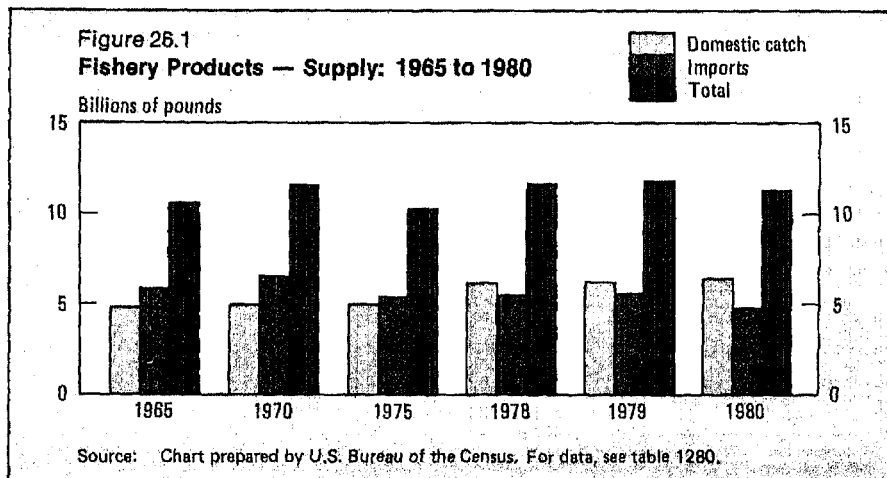
This section presents statistics on commercial fishing and the fish processing industry. The principal sources of these data are *Fishery Statistics of the United States*, and *Fisheries of the United States*, both issued annually by the National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA).

The NMFS collects and disseminates data on commercial landings of fish and shellfish, freezings and holdings of fishery products, fish meal and oil production, and foreign trade in fishery products. Quarterly data are published on U.S. output of fish sticks, fish portions, and breaded shrimp. Annual reports include quantity and value of commercial landings of fish and shellfish (by species, region, State, and type of fishing gear), disposition of landings, number of fishermen, and number and kinds of fishing vessels and fishing gear. Reports for the fish-processing industry include annual output of canned, packaged, and industrial products and, for the wholesaling and fish processing establishments, annual and seasonal employment, and number of firms, by product and State. Annual data are published on foreign trade in fishery products and per capita consumption of edible fishery products.

The Magnuson Fishery Conservation and Management Act of 1976 established a Fisheries Conservation Zone (FCZ) which gives the Federal Government exclusive authority over domestic and foreign fisheries within 200 nautical miles of U.S. shores and over certain living marine resources beyond the FCZ. Within the FCZ, the total allowable level of foreign fishing, if any, is that portion of the "optimum yield" not harvested by U.S. vessels. Adjustments in the "optimum yield" level may occur periodically. For details, see *Fisheries of the United States, 1980*. The NMFS collects and disseminates data on catches by foreign fishing vessels in the FCZ.

The catch value as presented in various tables is "ex-vessel," or value at the dock. It represents the price received by fishermen and vessel owners for fish, shellfish, etc.

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



NO 1277. FISHERIES—QUANTITY AND VALUE OF DOMESTIC CATCH: 1940 TO 1980

[Prior to 1950, excludes Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series L 224-226, L 229, and L 310]

YEAR	QUANTITY (mil. lb. ¹)			Ex-vessel value (mil. dol.)	Average price per lb. (cents)	YEAR	QUANTITY (mil. lb. ¹)			Ex-vessel value (mil. dol.)	Average price per lb. (cents)
	Total	For human food	For industrial products ²				Total	For human food	For industrial products ²		
1940.....	4,060	2,675	1,385	99	2.4	1972.....	4,806	2,435	2,371	748	15.6
1945.....	4,598	3,167	1,431	270	5.9	1973.....	4,858	2,398	2,460	937	19.3
1950.....	4,901	3,307	1,594	347	7.1	1974.....	4,967	2,496	2,471	932	18.7
1955.....	4,809	2,579	2,230	339	7.1	1975.....	4,877	2,465	2,412	977	20.0
1960.....	4,942	2,498	2,444	354	7.2	1976.....	5,388	2,775	2,613	1,349	25.0
1965.....	4,777	2,587	2,190	446	9.3	1977.....	5,198	2,900	2,298	1,515	29.1
1970.....	4,917	2,537	2,380	613	12.5	1978, prel.....	6,028	3,177	2,851	1,854	30.7
1971.....	5,018	2,441	2,577	651	13.0	1979, prel.....	6,267	3,318	2,949	2,234	35.6
						1980, prel.....	6,482	3,654	2,828	2,237	34.5

¹ Live weight. ² Meal, oil, fish solubles, homogenized condensed fish, shell products, bait, and animal food.Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

NO. 1278. FISHERIES—EMPLOYMENT, FISHING CRAFT, AND ESTABLISHMENTS: 1950 TO 1979

[In thousands. As of Dec. 31. Data for employment and establishments exclude Alaska. See also *Historical Statistics, Colonial Times to 1970*, series L 254-261]

ITEM	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977, prel.	1978, prel.	1979, prel.
Persons employed in U.S.....	263	241	224	215	227	243	253	260	266	269	257	277
Fishermen.....	161	144	130	129	140	149	161	168	174	173	172	184
Shore workers ¹	102	97	94	87	87	94	92	92	92	96	85	93
Craft used.....	92	83	77	80	88	90	101	103	103	104	104	103
Vessels, 5 net tons and over.....	11	12	12	12	14	15	16	16	17	18	18	18
Motorboats.....	46	58	57	64	72	72	83	85	84	84	84	84
Other boats.....	35	13	8	3	2	2	2	2	2	2	2	1
Fishery shore establishments.....	3.9	4.1	4.2	4.2	3.7	3.6	3.5	3.6	3.6	3.6	3.6	3.6

¹ Seasonal average.Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

NO. 1279. FISHERIES—FISHERMEN AND CRAFT, 1976, AND CATCH, 1978 AND 1979, BY AREAS

[See *Historical Statistics, Colonial Times to 1970*, series L 236-253, for data on quantity and ex-vessel value of catch]

AREA	1976 ¹			1978		1979					
	Fisher-men (1,000)	Fishing vessels	Fishing boats ² (1,000)	Total catch (mil. lb.)	Value (mil. dol.)	Catch (mil. lb.)			Value of catch (mil. dol.)		
						Total	Fin-fish	Shell-fish	Total	Fin-fish	Shell-fish
United States.....	³ 173.6	³ 16,875	³ 85.9	6,028	1,854	6,267	5,132	1,135	2,234	1,114	1,120
New England States.....	30.5	855	15.6	661	256	709	618	91	302	144	158
Middle Atlantic States.....	17.7	580	12.5	201	79	228	167	61	92	26	66
Chesapeake Bay States.....	25.0	1,939	15.4	599	94	639	513	126	122	37	85
South Atlantic States.....	10.6	1,421	6.0	399	96	488	398	90	145	54	91
Gulf States.....	28.1	5,193	10.0	2,287	473	2,129	1,849	280	530	107	423
Pacific Coast States.....	48.4	7,193	13.8	1,741	821	1,925	1,441	484	1,006	711	295
Great Lakes States.....	1.1	194	.5	69	10	49	49	-	11	11	-
Mississippi River States.....	11.7	-	11.0	58	13	486	83	3	15	14	1
Hawaii.....	2.7	101	1.3	14	12	14	14	(2)	11	10	1

- Represents zero. ² Less than 500,000 pounds or \$500,000.¹ As of Dec. 31. ² Refers to craft having capacity of less than 5 net tons. ³ Exclusive of duplication among regions. Computation of area amounts will not equal U.S. total.⁴ Mississippi River and other areas.Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual

NO. 1280. FISHERY PRODUCTS—SUPPLY: 1960 TO 1980

[Live weight, in millions of pounds, except percent. 1977–1980 preliminary. See *Historical Statistics, Colonial Times to 1970*, series L 224–226, for domestic catch]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total	8,223	10,535	11,474	10,378	9,875	10,164	11,593	10,579	11,509	11,831	11,357
For human food.....	4,264	5,163	6,213	7,109	6,638	6,394	7,404	7,414	8,135	8,251	8,006
Finfish.....	(NA)	(NA)	(NA)	(NA)	4,971	4,848	5,857	5,589	6,263	6,324	6,139
Shellfish ¹	(NA)	(NA)	(NA)	(NA)	1,667	1,546	1,747	1,825	1,872	1,927	1,867
For industrial use.....	3,959	5,372	5,261	3,269	3,237	3,770	4,189	3,165	3,374	3,580	3,351
Domestic catch	4,942	4,777	4,917	4,858	4,967	4,877	5,388	5,198	6,028	6,267	6,482
Percent of total.....	60.1	45.3	42.8	46.8	50.2	47.9	46.5	49.1	52.4	53.0	57.1
For human food.....	2,498	2,587	2,537	2,398	2,496	2,465	2,775	2,900	3,177	3,318	3,654
Finfish.....	(NA)	(NA)	(NA)	(NA)	1,522	1,548	1,776	1,781	2,018	2,204	2,516
Shellfish ¹	(NA)	(NA)	(NA)	(NA)	974	917	999	1,119	1,159	1,114	1,138
For industrial use.....	2,444	2,190	2,380	2,460	2,471	2,412	2,613	2,298	2,851	2,949	2,828
Imports²	3,281	5,758	6,557	5,520	4,908	5,287	6,205	5,381	5,481	5,564	4,875
Percent of total.....	39.9	54.7	57.2	53.2	49.8	52.1	53.5	50.9	47.6	47.0	42.9
For human food.....	1,766	2,576	3,676	4,709	4,142	3,929	4,629	4,514	4,956	4,933	4,352
Finfish.....	(NA)	(NA)	(NA)	(NA)	3,449	3,300	3,881	3,808	4,245	4,120	3,623
Shellfish.....	(NA)	(NA)	(NA)	(NA)	693	629	748	708	713	813	729
For industrial use ³	1,515	3,182	2,881	811	766	1,358	1,576	867	523	631	523

NA Not available. ¹For univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc.), the weight of meats, excluding the shell, is reported. ²Excludes imports of edible fishery products consumed in Puerto Rico; includes landings of tuna caught by foreign vessels in American Samoa. ³Fish meal and sea herring.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

NO. 1281. FISHERIES—DISPOSITION OF DOMESTIC CATCH: 1950 TO 1980

[Live weight catch in millions of pounds. Prior to 1960, excludes Hawaii. 1977–1980 preliminary. In addition to whole fish, a large portion of waste (400–500 million lb.) derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil in each year shown. See *Historical Statistics, Colonial Times to 1970*, series L 305–310, for similar but not entirely comparable data]

DISPOSITION	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Total	4,884	4,794	4,942	4,777	4,917	4,967	4,877	5,388	5,198	6,028	6,267	6,482
Fresh and frozen.....	1,692	1,568	1,631	1,751	1,595	1,660	1,744	1,821	2,025	2,237	2,394	2,621
Canned.....	1,720	1,039	1,043	1,042	1,150	1,005	907	1,051	1,078	1,099	1,046	1,160
Cured.....	100	86	82	76	71	69	55	55	55	52	94	87
Reduced to meal, oil, etc.....	1,372	2,101	2,186	1,908	2,101	2,233	2,171	2,361	2,040	2,640	2,733	2,604

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

NO. 1282. FISHERIES, SELECTED COUNTRIES—COMMERCIAL CATCH, 1970 TO 1979, AND CATCH PER CAPITA, 1975

[In billions of pounds, live weight, except per capita. Catch of fish, crustaceans, mollusks (including weight of shells), and other aquatic plants and animals, except whales and seals. World total includes countries not shown separately]

COUNTRY	1970	1975		1978	1979, prel.	COUNTRY	1970	1975		1978	1979, prel.
		Total	Per capita ¹ (lb.)					Total	Per capita ¹ (lb.)		
World total	144.6	146.6	27.1	155.5	157.2	Thailand.....	3.2	3.4	50.5	4.6	3.8
United States.....	6.3	6.3	35.1	7.5	7.7	Iceland.....	1.6	2.2	147.3	3.5	3.6
Japan.....	19.5	21.8	148.6	22.5	22.0	Philippines.....	2.3	3.2	73.0	3.3	3.3
Soviet Union.....	16.0	22.0	63.3	19.7	20.1	Canada.....	2.9	2.2	40.1	3.0	2.9
Peru.....	27.6	7.6	37.9	7.4	8.1	Korea, D.P.R. (est.).....	1.0	2.3	78.5	2.6	2.9
Chile.....	2.6	2.0	34.8	4.3	5.8	Spain.....	3.4	3.3	77.8	3.0	2.7
Norway.....	6.4	5.5	103.6	5.7	5.8	Vietnam (est.).....	² 1.8	2.2	48.1	2.2	2.2
India.....	3.9	5.0	7.0	5.1	5.2	Brazil.....	1.2	1.7	15.2	1.8	1.9
Korea, Rep. of.....	1.6	4.2	104.3	4.6	4.8	Mexico.....	.8	1.0	10.8	1.5	1.9
Denmark.....	2.7	3.9	77.4	3.8	3.8	France.....	1.7	1.7	48.9	1.7	1.6
Indonesia.....	2.7	3.0	23.6	3.6	3.8	South Africa, Rep. of.....	1.1	1.3	15.4	1.3	1.5
						Poland.....	1.0	1.8	45.2	1.3	1.3
						United Kingdom.....	1.3	1.1	38.1	1.2	1.1

¹ 1975–1977 average. ² Pertains only to South Vietnam.

Source: U.S. National Oceanic and Atmospheric Administration, *Fisheries of the United States*, annual. Data from Food and Agricultural Organization of the United Nations (FAO), *Yearbook of Fishery Statistics*, 1979, vol. 48.

No. 1283. FISHERIES—CATCH AND VALUE OF PRINCIPAL SPECIES: 1965 TO 1980

[Catch in live weight, except as indicated. Data exclude landings by U.S. flag vessels at Puerto Rico and other ports outside the 50 States, and production of artificially cultivated fish and shellfish. 1978-1980 preliminary]

SPECIES	CATCH (mil. lb.)						VALUE (mil. dol.)					
	1965	1970	1975	1978	1979	1980	1965	1970	1975	1978	1979	1980
Fish:												
Cod, Atlantic.....	36	53	56	87	99	118	3	6	13	22	29	32
Flounder.....	180	169	162	181	209	217	18	23	44	73	83	82
Haddock.....	134	27	16	39	42	55	14	6	5	13	18	21
Halibut.....	40	35	21	18	21	19	9	9	16	19	35	17
Herring, sea.....	110	79	131	154	209	291	2	2	6	17	47	45
Jack mackerel.....	67	47	37	68	35	44	2	2	2	4	2	4
Menhaden.....	1,726	1,837	1,803	2,595	2,604	2,497	27	34	49	98	109	112
Ocean perch, Atlantic.....	84	55	32	96	34	24	3	3	3	6	7	6
Pollock.....	12	9	21	43	41	43	1	1	2	7	7	7
Salmon, Pacific.....	327	410	202	404	536	614	65	99	107	255	413	357
Tuna.....	319	393	393	409	364	399	42	75	107	177	158	233
Whiting.....	83	45	42	51	35	38	2	4	4	7	6	6
Shellfish:												
Clams (meats).....	71	99	113	88	92	95	17	29	43	74	79	90
Crabs.....	335	277	306	449	489	523	31	39	81	285	284	291
Lobsters, American.....	30	34	30	34	37	37	22	33	51	65	72	75
Oysters (meats).....	55	54	53	51	48	49	28	29	45	61	66	70
Scallops (meats).....	23	11	14	33	34	30	15	12	23	82	112	114
Shrimp.....	244	367	347	423	336	340	82	130	226	386	472	403

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

No. 1284. PRICES RECEIVED BY FISHERMEN AND VESSEL OWNERS: 1965 TO 1980

[Cents per pound. Live weight. 1977-1980 data are preliminary. Based on prices received by fishermen and vessel owners. See also *Historical Statistics, Colonial Times to 1970*, series L 321-337]

SPECIES	Point of pricing	1965	1970	1974	1975	1976	1977	1978	1979	1980
Clams, soft.....	Maine.....	49.1	47.5	76.4	86.9	101.6	118.3	124.3	144.6	150.7
Cod.....	Massachusetts.....	9.4	13.1	19.6	24.2	26.4	22.6	25.4	29.3	27.3
Crabs, blue, hard.....	Maryland, Virginia.....	7.6	6.6	12.7	15.7	21.4	20.1	20.5	19.1	20.3
Flounder.....	Massachusetts.....	9.5	15.3	26.5	34.9	39.9	41.7	50.5	47.2	42.4
Haddock.....	Massachusetts.....	10.2	25.8	36.9	32.8	43.0	31.9	31.9	42.6	38.7
Lobsters, American.....	Maine.....	75.2	94.7	141.0	161.5	153.9	173.6	177.1	180.3	189.7
Menhaden.....	(No specific point).....	1.6	1.8	3.3	2.7	3.3	3.8	3.8	4.2	4.5
Ocean perch.....	Maine, Massachusetts.....	4.1	4.9	8.1	10.3	13.7	15.3	17.1	21.0	23.0
Oysters, eastern.....	Maryland, Virginia.....	78.6	61.1	70.1	80.1	103.7	110.7	110.7	125.9	131.3
Salmon, chinook.....	(No specific point).....	37.1	55.4	64.2	85.9	122.3	137.5	133.8	173.5	166.3
Salmon, coho.....	(No specific point).....	28.8	39.3	67.8	77.6	104.3	107.4	118.6	145.2	109.7
Sea scallops.....	New Bedford, Mass.....	67.5	135.6	154.3	188.8	184.5	165.8	253.5	340.3	518.0
Shrimp.....	So. Atlantic, Gulf.....	36.6	47.6	73.3	107.0	131.3	113.3	130.6	185.4	149.0
Tuna, albacore.....	(No specific point).....	15.7	26.7	38.5	33.3	46.2	58.7	60.6	64.7	80.1

Source: U.S. National Oceanic and Atmospheric Administration, *Prices Received by Fishermen*, H.S. No. 12 (C.F.S. No. 4657 Revised), *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

No. 1285. COMMERCIAL FISHERY PRODUCTS—PER CAPITA CONSUMPTION: 1950 TO 1980

[Pounds of edible meat. 1977-1980 preliminary. Based on U.S. Bureau of the Census estimates of the civilian resident population as of July 1. See also *Historical Statistics, Colonial Times to 1970*, series L 294-304]

PRODUCT	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total.....	11.8	10.5	10.3	10.8	11.8	12.5	12.9	12.2	12.3	13.1	12.9	13.7	13.2	13.0
Fresh and frozen.....	6.3	5.9	5.7	6.0	6.9	7.2	7.5	7.0	7.6	8.3	7.9	8.2	8.0	8.1
Fish.....	4.7	4.2	3.8	3.8	4.5	4.8	5.2	4.5	5.0	5.6	5.2	5.6	5.5	5.5
Shellfish.....	1.6	1.7	1.9	2.2	2.4	2.4	2.3	2.5	2.6	2.7	2.7	2.6	2.5	2.6
Canned.....	4.9	3.9	4.0	4.3	4.5	4.9	5.0	4.8	4.3	4.3	4.6	5.1	4.9	4.6
Tuna.....	1.1	1.4	2.0	2.3	2.5	2.9	3.1	2.9	2.9	2.9	2.9	3.3	3.3	3.0
Salmon.....	1.4	1.0	.7	.9	.7	.7	.4	.3	.4	.4	.5	.6	.5	.5
Shellfish.....	.4	.4	.4	.5	.5	.5	.5	.6	.4	.4	.6	.5	.5	.5
Sardines.....	1.4	.6	.4	.3	.4	.4	.5	.4	.2	.3	.3	.3	.3	.3
Other.....	.6	.5	.5	.3	.4	.4	.5	.4	.4	.3	.3	.4	.3	.3
Cured.....	.6	.7	.6	.5	.4	.4	.4	.4	.4	.5	.4	.4	.3	.3

¹ Beginning 1973, includes consumption of artificially cultivated catfish.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

**NO. 1286. CATCH, CATCH LIMITS, AND PRINCIPAL SPECIES CAUGHT BY COUNTRIES IN THE U.S.
FISHERY CONSERVATION ZONE (FCZ), BY COUNTRY: 1979 AND 1980**

[In millions of pounds live weight. Data are preliminary. Excludes tuna. (In 1979, U.S. domestic catch of tuna in FCZ was 28 mil. lb., in 1980, 25 mil. lb.). Allocations (catch limits) set by species for countries fishing within 200 to 300 miles of U.S. shores. For details, see text, p. 711, and source]

COUNTRY	ACTUAL CATCH		ALLOCATION		Principal species caught
	1979	1980	1979	1980	
Total catch in FCZ	5,408	5,599	(x)	(x)	Pollock, menhaden, whiting.
U.S.	1,771	2,003	(x)	(x)	Pollock, menhaden, Atlantic cod.
Japan	3,637	1,596	1,434	1,479	(x)
U.S.R.	2,628	2,502	2,657	3,095	Pollock, flounder, Pacific cod.
Korea, Rep. of	282	463	1,191	169	Whiting, Alaska pollock, flounder.
Poland	125	239	194	529	Pollock, Pacific cod, flounder.
Canada	58	65	(x)	(x)	Herring, whiting, squid.
Spain	25	39	53	79	Scallops, Atlantic cod, haddock.
Italy	15	21	21	52	Squid, whiting, butterfish.
Ireland	(z)	(x)	2	(x)	Squid, butterfish, hake.
Mexico	41	10	102	64	Squid, herring, mackerel.
China (Taiwan)	4	12	16	22	Pollock, butterfish, pollock.
Romania	(z)	(z)	4	4	Pollock, Pacific cod, flounder.
					Mackerel (Atl.), whiting, squid.

X Not applicable. Z Less than 500,000. ¹ Includes countries not shown separately.

**NO. 1287. U.S. CATCH AND VALUE OF FISH AND SHELLFISH, BY DISTANCE CAUGHT OFF U.S.
SHORES—SELECTED SPECIES: 1980**

[Preliminary. Catch is shown in live weight, except as indicated. Includes landings by U.S. flag vessels at Puerto Rico and other ports outside the 50 States and catch by U.S. flag vessels unloaded onto foreign vessels within the U.S. FCZ (joint venture)]

SPECIES	Total U.S. catch ¹ (mil. lb.)	BY DISTANCE FROM U.S. SHORES						Value of U.S. catch ¹ (mil. dol.)	PERCENT OF TOTAL VALUE, BY DISTANCE CAUGHT OFF U.S. SHORES		
		Catch (mil. lb.)			Percent of U.S. catch				3 miles or less ²	3 to 200 miles	Over 200 mi.
		3 miles or less ²	3 to 200 miles	Over 200 mi.	3 miles or less ²	3 to 200 miles	Over 200 mi.				
Fish, total³	5,566.7	3,617.9	1,458.9	489.9	65.0	26.2	8.8	1,219.4	49.7	27.8	22.5
Cod, Atlantic	118.2	3.9	114.1	.2	3.3	96.5	.2	31.9	4.1	95.6	.3
Flounder	244.8	30.1	214.6	.1	12.3	87.7	(z)	84.2	14.0	85.9	.1
Haddock	55.2	.3	54.3	.6	.5	98.4	1.1	21.4	.5	98.1	1.4
Halibut	19.1	7.4	11.7	(z)	38.7	61.3	(z)	16.8	31.5	68.5	(z)
Herring, sea	291.0	257.4	33.6	-	88.5	11.5	-	44.9	95.5	4.5	-
Jack mackerel	44.4	4.4	40.0	-	10.0	90.0	-	4.0	10.0	90.0	-
Menhaden	2,496.6	2,250.1	246.5	-	90.1	9.9	-	112.0	90.0	10.0	-
Ocean perch	31.1	(z)	29.1	2.0	(z)	93.6	6.4	6.6	(z)	92.4	7.6
Salmon, Pacific	613.8	599.2	14.6	-	97.6	2.4	-	352.3	93.2	6.8	-
Tuna	500.0	.4	24.7	474.9	(z)	5.0	95.0	289.3	.1	7.5	92.4
Whiting	35.6	4.5	31.1	-	12.6	87.4	-	6.1	12.9	87.1	-
Shellfish³	1,171.0	584.7	568.7	17.6	49.9	48.6	1.5	1,119.9	42.2	54.3	3.5
Clams (meats)	95.4	29.8	65.6	-	31.2	68.8	-	90.2	69.4	30.6	-
Crabs	523.1	250.6	272.3	(z)	47.9	52.1	(z)	291.3	33.6	66.4	(z)
Lobsters	43.8	33.9	9.4	.5	77.4	21.5	1.1	90.0	75.5	23.2	1.3
Scallops (meats)	28.7	3.0	26.7	(z)	10.1	89.9	(z)	114.3	10.1	89.9	(z)
Shrimp	339.7	153.6	186.1	-	45.2	54.8	-	402.7	36.0	64.0	-

- Represents zero. Z Less than 50,000 pounds or .05 percent. ¹ Includes catch from international waters or off foreign shores. ² Includes all landings in Great Lakes and other inland waters. ³ Includes other species not shown separately.

NO. 1288. SUPPLY OF TUNA, SALMON, AND SARDINES: 1965 TO 1980

[In million of pounds. 1977-80 preliminary]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Tuna: Domestic landings, live weight	373	478	519	557	570	665	469	566	508	500
Imports, fresh and frozen, live weight	379	465	317	839	517	641	670	862	800	767
Canned tuna, total supply	410	510	675	714	582	658	583	757	674	672
From domestic landings	162	204	224	250	261	287	207	257	218	216
From imported fresh and frozen	197	234	412	411	269	312	341	448	402	393
Imported canned	51	72	39	53	52	59	35	52	54	64
Canned salmon, for U.S. consumption	150	168	83	89	58	108	130	132	100	128
Domestic pack	174	183	72	88	78	125	151	164	150	202
Exports	25	17	17	8	23	20	21	33	51	74
Canned sardines, total supply	75	66	91	94	57	79	74	75	80	71
Maine sardines	30	19	23	25	26	25	23	26	30	20
Imports	45	47	67	69	31	54	50	49	50	51

Source of tables 1286-1288: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

NO. 1289. FISHERIES—QUANTITY AND VALUE OF CATCH, BY STATES, AND CATCH OF PRINCIPAL SPECIES, BY AREAS: 1960 TO 1980

[Catch in millions of pounds, live weight, except as indicated; ex-vessel value in millions of dollars. See also *Historical Statistics, Colonial Times to 1970*, series L 262-293]

AREA, STATE, CATCH, AND VALUE	1960	1965	1970	1973	1974	1975	1976	1977, prel.	1978, prel.	1979, prel.	1980, prel.
New England:											
Catch.....	852	702	531	518	523	498	547	581	661	709	788
Value.....	61	75	91	117	124	154	174	203	256	302	327
Maine:											
Catch.....	295	205	159	143	148	138	178	182	190	232	245
Value.....	20	22	31	43	41	48	54	62	69	80	93
New Hampshire:											
Catch.....	1	1	1	2	3	3	3	4	5	8	19
Value.....	(2)	1	1	1	1	1	1	2	2	3	5
Massachusetts:											
Catch.....	480	442	287	269	270	274	289	319	377	375	438
Value.....	36	46	47	56	62	83	96	114	152	176	178
Rhode Island:											
Catch.....	69	49	79	97	97	79	72	72	84	88	81
Value.....	4	5	11	15	17	19	21	23	29	36	46
Connecticut:											
Catch.....	6	5	5	7	5	4	5	4	5	6	5
Value.....	1	2	2	2	3	3	2	2	4	7	5
Catch for certain species:											
Cod.....	35	35	53	50	58	55	55	75	86	97	118
Flounder.....	62	112	104	88	81	77	80	88	87	98	118
Haddock.....	119	134	27	8	8	16	13	28	39	42	55
Herring, sea.....	155	75	66	57	71	79	110	112	111	143	164
Lobster, American.....	29	29	30	26	26	29	30	30	34	36	36
Ocean perch, Atlantic.....	141	84	55	54	41	32	32	35	36	34	24
Pollock.....	22	12	9	15	20	21	24	29	39	34	40
Whiting.....	104	75	40	34	20	33	37	33	35	16	18
Middle Atlantic:											
Catch.....	784	356	140	257	211	188	269	213	201	228	244
Value.....	22	25	30	42	44	50	69	70	79	92	97
New York:											
Catch.....	126	147	32	36	35	37	35	32	36	37	39
Value.....	9	12	16	22	25	28	32	31	34	39	45
New Jersey:											
Catch.....	374	160	98	210	167	144	227	179	164	189	201
Value.....	10	11	13	18	17	20	35	38	44	53	50
Delaware:											
Catch.....	284	48	10	11	9	7	7	2	1	2	4
Value.....	3	1	1	2	2	2	2	1	1	1	2
Catch for certain species:											
Clams (meats).....	32	52	63	41	42	53	43	50	43	46	40
Menhaden.....	671	151	31	156	108	67	151	98	83	100	121
Oysters (meats).....	1	1	1	3	3	3	4	2	2	3	3
Scup or porgy.....	27	17	4	6	10	10	9	9	11	8	8
Chesapeake Bay:											
Catch.....	436	592	630	701	597	509	587	668	599	639	717
Value.....	35	40	41	62	58	56	74	86	94	122	130
Maryland:											
Catch.....	69	87	80	70	70	64	58	60	60	66	80
Value.....	14	13	19	21	22	23	31	31	33	37	45
Virginia:											
Catch.....	367	505	551	631	530	445	529	608	539	573	637
Value.....	21	27	22	41	36	33	43	55	61	65	85
Catch for certain species:											
Alewives.....	19	38	21	11	15	12	4	1	2	2	1
Clams (meats).....	8	11	23	53	67	47	24	28	28	30	36
Crabs.....	71	88	70	59	68	82	47	59	54	66	65
Menhaden.....	249	360	450	506	385	322	446	509	428	461	545
Oysters (meats).....	27	21	25	23	25	23	21	18	22	20	21
South Atlantic:											
Catch.....	379	357	280	240	305	333	318	345	399	488	473
Value.....	20	27	30	57	51	64	74	72	96	145	148
North Carolina:											
Catch.....	265	234	173	138	207	238	226	252	300	390	356
Value.....	7	9	9	16	18	20	28	29	41	58	69
South Carolina:											
Catch.....	24	27	16	21	19	20	21	16	21	21	21
Value.....	4	5	4	11	7	13	14	10	16	26	20
Georgia:											
Catch.....	28	20	14	17	18	18	15	13	17	22	19
Value.....	3	4	4	11	7	12	12	9	14	26	20
Florida (east coast):											
Catch.....	61	76	76	64	61	57	56	64	61	55	77
Value.....	6	8	12	19	19	19	20	24	25	33	39
Catch for certain species:											
Crabs.....	45	46	43	32	38	31	27	31	47	49	55
Menhaden.....	215	192	136	85	134	167	145	171	206	259	218
Shrimp.....	31	26	21	25	27	25	26	18	20	32	33

See footnotes at end of table.

NO. 1289. FISHERIES—QUANTITY AND VALUE OF CATCH, BY STATES, AND CATCH OF PRINCIPAL SPECIES, BY AREAS: 1960 TO 1980—Continued

[Catch in millions of pounds, live weight, except as indicated; ex-vessel value in millions of dollars. See also *Historical Statistics, Colonial Times to 1970*, series L 262-293]

AREA, STATE, CATCH, AND VALUE	1960	1965	1970	1973	1974	1975	1976	1977, prel.	1978, prel.	1979, prel.	1980, prel.
Gulf States:											
Catch	1,266	1,463	1,698	1,544	1,776	1,654	1,743	1,476	2,287	2,129	1,979
Value	85	114	167	267	242	271	386	405	473	530	463
Florida (west coast):											
Catch	136	136	116	112	123	116	111	103	110	108	115
Value	21	27	31	46	52	57	69	71	73	91	86
Alabama:											
Catch	12	18	30	37	34	31	32	34	30	31	25
Value	3	5	10	18	17	21	34	37	35	49	25
Mississippi:											
Catch	314	368	298	268	301	306	288	313	324	379	332
Value	8	9	11	17	16	14	21	26	27	32	25
Louisiana:											
Catch	566	787	1,107	1,029	1,223	1,115	1,219	918	1,674	1,529	1,412
Value	26	37	61	95	86	86	135	138	190	199	174
Texas:											
Catch	238	154	147	98	94	86	93	108	99	80	94
Value	28	36	53	91	72	83	127	133	148	159	153
Catch for certain species:											
Crabs	36	38	36	46	43	41	39	43	41	42	45
Menhaden	841	1,023	1,209	1,074	1,296	1,197	1,238	986	1,809	1,718	1,548
Mullet	33	34	27	31	28	26	19	16	27	22	31
Oysters (meats)	16	19	18	15	15	19	22	18	18	15	17
Shrimp	206	195	230	182	186	170	210	266	248	207	208
Great Lakes:¹											
Catch	68	56	72	68	78	62	67	65	68	49	44
Value	7	6	6	9	11	9	11	9	10	11	14
Superior:											
Catch	14	9	5	5	6	5	6	5	5	(NA)	(NA)
Value	1	1	1	1	2	2	2	2	2	(NA)	(NA)
Michigan:											
Catch	24	27	53	51	60	45	48	48	51	(NA)	(NA)
Value	2	2	4	5	6	4	5	2	4	(NA)	(NA)
Huron:											
Catch	6	5	2	2	2	2	2	2	2	(NA)	(NA)
Value	1	1	(2)	(2)	(2)	1	1	1	1	(NA)	(NA)
Erie:											
Catch	21	14	10	8	10	8	9	10	10	(NA)	(NA)
Value	2	1	1	1	2	2	3	3	3	(NA)	(NA)
Pacific Coast:											
Catch	1,061	1,147	1,480	1,433	1,391	1,551	1,771	1,777	1,741	1,925	2,140
Value	112	146	235	363	381	352	538	651	821	1,006	1,025
Washington:											
Catch	113	127	134	144	147	146	142	146	138	170	156
Value	16	18	30	69	59	61	72	81	97	115	86
Oregon:											
Catch	49	69	98	92	96	86	95	113	135	128	126
Value	6	9	23	30	37	26	40	49	57	65	56
California:											
Catch	541	458	703	731	685	875	917	874	722	728	804
Value	50	51	86	112	140	135	187	195	226	227	323
Alaska:											
Catch	358	492	545	486	463	445	617	644	746	899	1,054
Value	41	70	96	152	145	130	239	326	439	597	590
Catch for certain species:											
Anchovies	5	6	193	278	177	329	264	232	35	117	107
Bonito	1	6	9	31	19	32	9	23	8	5	14
Crabs	65	161	126	154	174	164	222	260	301	326	347
Flounder	48	46	46	55	54	57	62	52	63	68	60
Hallibut	51	40	34	26	18	21	18	18	17	21	19
Herring, sea	84	35	22	45	56	57	43	44	43	66	107
Jack mackerel	75	67	48	21	25	37	45	110	68	35	44
Salmon	235	327	410	222	201	202	310	336	404	536	614
Shrimp	12	20	93	152	141	140	168	192	154	96	98
Tuna	268	296	378	331	381	381	474	329	394	349	387
Mississippi River and tributaries:											
Catch	86	85	75	83	68	72	71	55	58	86	85
Value	8	8	10	13	14	15	14	11	13	15	21
Hawaii:											
Catch	11	20	11	14	11	9	15	15	14	14	11
Tuna	9	17	9	12	9	7	12	12	11	12	7
Value	3	4	4	6	6	6	9	9	12	11	12

NA Not available. Z Less than \$500,000. ¹Collected largely by State fishery agencies, and compiled by National Marine Fisheries Service. Includes, in addition to lakes shown, small amounts for Lake Ontario, Lake St. Clair, Lake of the Woods, Namakan Lake, and Rainy Lake.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

NO. 1290. FRESH AND FROZEN FISHERY PRODUCTS: 1970 TO 1980

[Excludes Alaska and Hawaii, except frozen fishery products includes Alaska and Hawaii]

PRODUCT	PRODUCTION (mil. lb.)						VALUE (mil. dol.)					
	1970	1975	1977	1978	1979	1980	1970	1975	1977	1978	1979	1980
Fish fillets and steaks¹	133.5	131.9	160.4	184.4	187.2	173.6	74.8	137.9	191.6	241.3	260.9	239.5
Cod.....	13.6	15.2	24.6	27.2	33.0	30.3	7.4	14.6	27.8	35.2	44.8	41.3
Flounder.....	46.7	41.9	44.6	46.3	47.8	46.9	28.7	53.1	69.7	83.5	87.9	84.9
Haddock.....	8.9	8.2	14.7	17.4	19.3	17.8	6.9	12.3	21.3	26.2	33.3	28.2
Ocean Perch, Atlantic.....	16.0	8.4	10.4	9.2	8.6	7.1	4.9	5.7	9.5	9.9	10.0	9.1
Whiting.....	.8	.1	.8	.8	.5	.6	.3	.1	.5	.5	.4	.5
Other.....	47.6	58.1	66.3	83.5	76.0	71.1	26.6	52.1	63.0	86.0	84.5	74.5
Frozen fishery products	368.3	299.7	345.7	309.2	268.9	228.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. ¹ Fresh and frozen.Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

NO. 1291. CANNED FISHERY PRODUCTS—PRODUCTION AND VALUE: 1970 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series L 338-357 (production data in cases) and L 358]

PRODUCT	PRODUCTION (mil. lb.)						VALUE (mil. dol.)					
	1970	1975	1977, prel.	1978, prel.	1979, prel.	1980, prel.	1970	1975	1977, prel.	1978, prel.	1979, prel.	1980, prel.
Total¹	1,346	1,386	1,436	1,615	1,441	1,464	742	1,071	1,575	1,913	1,752	1,916
Tuna.....	438	529	548	705	620	608	381	653	907	1,273	1,104	1,133
Salmon.....	183	78	151	164	150	202	139	115	243	249	275	404
Clam products.....	65	76	73	69	73	79	26	42	65	60	61	66
Jack mackerel ²	8	10	31	32	26	37	2	3	12	10	8	37
Sardines, Maine.....	19	26	23	26	30	20	11	25	27	36	45	31
Shrimp.....	25	12	25	17	10	16	37	28	71	49	40	71
Crabs.....	5	3	5	5	5	5	10	10	19	22	24	24
Squid.....	9	8	7	8	4	4	1	2	2	2	1	1
Oysters.....	2	2	1	1	1	(³)	2	4	3	1	1	(³)

¹ Includes other products, not shown separately. ² Includes a small amount of Pacific mackerel. ³ Included with other shellfish.Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

NO. 1292. PROCESSED FISHERY PRODUCTS—SUMMARY: 1970 TO 1980

[Includes Puerto Rico and American Samoa, See *Historical Statistics, Colonial Times to 1970*, series L 362-365, for meal, scrap, and oil. 1977-80 preliminary]

PRODUCT	PRODUCTION (mil. lb. ¹)						VALUE (mil. dol.)					
	1970	1975	1977	1978	1979	1980	1970	1975	1977	1978	1979	1980
Total	(X)	(X)	(X)	(X)	(X)	(X)	1,727	2,655	3,692	4,467	4,479	4,693
Packaged fresh and frozen	1,158	1,113	1,239	1,344	1,328	(NA)	800	1,309	2,196	2,183	2,352	2,387
Fish not breaded:												
Fillets and steaks, raw.....	134	132	161	184	187	174	75	138	192	241	261	240
Dressed.....	32	55	46	51	35	(NA)	9	43	48	61	45	(NA)
Other ³	10	26	46	50	51	24	4	22	40	59	41	29
Fish breaded, raw or cooked:												
Sticks.....	116	91	84	94	96	88	58	62	69	87	100	89
Fillets, portions, and steaks.....	296	286	349	377	392	337	137	211	333	406	428	400
Shellfish: Not breaded.....	328	315	340	369	364	(NA)	343	534	745	914	1,009	(NA)
Breaded, raw and cooked.....	119	128	129	143	129	(NA)	129	220	271	325	348	(NA)
Specialties, fish and shellfish.....	123	80	84	76	73	(NA)	45	79	98	80	122	(NA)
Canned products⁴	1,346	1,386	1,436	1,616	1,441	1,464	742	1,072	1,575	1,913	1,752	1,916
Fish and shellfish.....	805	802	924	1,076	961	1,016	633	920	1,405	1,748	1,602	1,792
Animal food.....	540	583	512	539	480	448	105	148	170	165	150	124
Cured fish⁵	71	55	49	45	41	(NA)	77	102	120	118	112	118
Salted (inc. spiced, pickled).....	37	29	21	20	18	(NA)	30	43	43	36	32	(NA)
Smoked.....	31	24	27	23	21	(NA)	43	56	76	76	77	(NA)
Dried (cod) lutefisk.....	2	2	1	2	2	(NA)	1	1	1	6	3	(NA)
Industrial products	(X)	(X)	(X)	(X)	(X)	(X)	108	173	201	251	262	271
Meal and scrap (mil. tons).....	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	46	66	97	121	131	132
Oil (body and liver).....	206	246	133	296	268	312	18	33	28	61	54	58
Fish solubles (mil tons).....	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	5	9	14	22	15	14
Other.....	(X)	(X)	(X)	(X)	(X)	(Z)	38	67	62	47	62	67

NA Not available. X Not applicable. Z Less than 500,000 tons. ¹ Except as indicated. ² Excludes Alaska.³ Includes bait and unbreaded portions. ⁴ Includes salmon eggs for bait. ⁵ Includes sun-dried and freeze-dried.Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual.

NO. 1293. FISHERY PRODUCTS—IMPORTS AND EXPORTS: 1960 TO 1980

[Includes Puerto Rico; imports also include landings of tuna by foreign vessels in American Samoa. See also *Historical Statistics, Colonial Times to 1970*, series L 227-235]

YEAR	IMPORTS				EXPORTS			
	Total value (mil. dol.)	Edible products		Non-edible, value (mil. dol.)	Total value (mil. dol.)	Edible products		Non-edible, value (mil. dol.)
		Quantity (mil. lb.)	Value (mil. dol.)			Quantity (mil. lb.)	Value (mil. dol.)	
1960.....	363	1,095	311	53	44	61	26	19
1965.....	601	1,399	479	121	70	96	49	20
1970.....	1,037	1,873	813	225	118	140	94	24
1973.....	1,583	2,416	1,398	185	299	239	242	57
1974.....	1,711	2,267	1,495	215	262	176	195	67
1975.....	1,637	1,913	1,367	270	305	218	267	37
1976.....	2,332	2,228	1,917	415	385	241	330	55
1977.....	2,623	2,177	2,079	544	520	331	473	47
1978.....	3,077	2,411	2,253	823	906	448	832	74
1979.....	3,811	2,369	2,668	1,143	1,082	554	1,020	62
1980, prel.....	3,648	2,144	2,682	966	1,006	574	904	102

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual. Compiled from U.S. Bureau of the Census data.

NO. 1294. SELECTED FISHERY PRODUCTS—IMPORTS AND EXPORTS: 1970 TO 1980

[Includes Puerto Rico. See *Historical Statistics, Colonial Times to 1970*, series L 312-318, for selected imports]

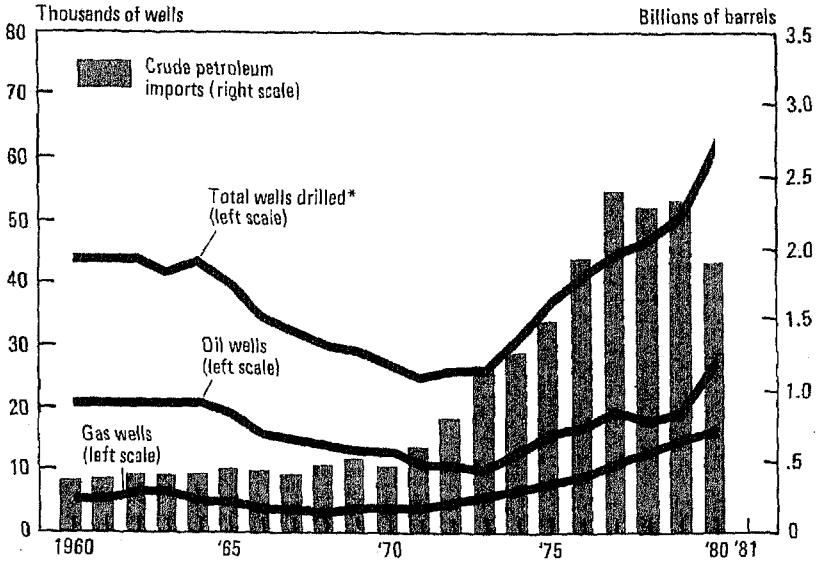
PRODUCT	QUANTITY (mil. lb.)						VALUE (mil. dol.)					
	1970	1975	1977	1978	1979	1980, prel.	1970	1975	1977	1978	1979	1980, prel.
IMPORTS												
Edible:												
Fresh or frozen:												
Whitefish ¹	8.4	8.4	9.0	11.4	7.6	8.2	4.8	5.6	7.0	8.6	7.4	8.0
Halibut ¹	18.2	8.0	6.5	7.0	4.1	6.3	8.1	8.0	9.1	10.8	7.4	9.3
Salmon ¹	7.4	9.2	5.7	6.6	5.0	5.5	6.7	11.5	10.8	13.6	11.4	13.9
Sea herring.....	103.9	99.2	70.7	72.0	40.1	22.0	1.9	5.1	8.9	5.5	1.9	3.7
Smelt.....	8.5	8.8	9.0	10.4	12.6	11.3	1.6	3.2	3.6	4.4	6.0	4.8
Tuna.....	442.8	478.6	693.3	808.2	753.6	722.7	100.5	121.2	255.3	327.2	321.6	429.3
Groundfish fillets, blocks ²	458.8	513.8	602.6	639.4	661.1	557.1	134.6	278.4	502.2	585.4	622.3	557.1
Other fillets and steaks.....	136.1	167.6	180.7	190.6	174.6	148.2	63.6	117.3	160.9	178.7	185.4	158.4
Scallops (meats).....	16.8	19.7	29.8	28.4	25.2	20.9	19.7	37.2	53.0	72.8	84.9	62.0
Lobster, American and spiny.....	54.9	58.1	60.0	58.2	60.7	50.6	93.8	188.6	250.3	256.3	288.5	270.6
Shrimp and prawn.....	214.8	201.5	225.2	195.5	220.2	215.1	198.8	346.2	488.3	418.4	705.0	711.2
Canned:												
Anchovies, in oil.....	5.5	3.6	5.4	4.8	3.6	4.5	6.3	5.6	11.2	9.6	7.4	13.2
Salmon.....	2.4	3.3	.6	.3	.4	.2	1.6	3.9	1.2	.7	.8	.5
Sardines, in oil.....	34.1	18.5	25.7	24.2	22.9	18.2	15.8	16.3	25.0	25.5	27.7	24.2
Sardines, herring, not in oil.....	25.3	24.9	35.1	32.1	34.0	38.5	8.3	15.9	20.8	22.9	25.8	28.4
Tuna.....	72.3	51.7	34.6	51.8	53.7	63.6	44.3	46.0	44.7	63.8	65.1	97.3
Bonito and yellowtail.....	2.2	.1	1.4	.4	.4	.8	.5	.1	1.0	.4	.3	.5
Crab meat.....	2.8	1.4	3.5	4.1	5.1	5.0	5.3	2.9	8.0	9.5	12.3	12.5
Oysters.....	15.0	12.4	19.2	23.5	19.1	17.0	8.1	6.4	17.9	24.6	18.3	20.3
Lobster, American and spiny.....	2.5	2.1	2.9	2.4	1.9	2.2	8.0	10.9	15.6	15.7	11.7	12.8
Pickled or salted:												
Cod, haddock, hake, pollock, cusk.....	41.2	33.6	35.7	37.6	39.7	33.0	13.6	26.8	33.4	38.3	43.3	35.6
Herring.....	30.6	20.6	19.5	25.0	17.2	16.7	5.4	6.6	7.0	13.6	9.4	10.4
Nonedible scrap and meal.....	502.0	236.7	163.0	87.8	179.2	99.1	37.7	23.6	26.5	12.6	29.6	15.5
EXPORTS												
Canned salmon.....	16.8	22.5	21.3	32.5	50.7	74.0	13.1	34.6	34.0	49.2	91.9	150.0
Canned sardines.....	1.5	2.2	1.2	1.6	1.6	1.8	.7	1.8	.9	1.5	1.2	1.4
Fish oil, nonedible.....	158.8	191.8	90.6	222.0	196.5	284.0	15.7	27.8	18.1	42.3	39.6	52.4

¹ Excludes fillets. ² Includes cod, cusk, haddock, hake, pollock, Atlantic ocean perch, and whiting.

Source: U.S. National Oceanic and Atmospheric Administration, *Fishery Statistics of the United States*, annual, and *Fisheries of the United States*, annual. Compiled from U.S. Bureau of the Census data.

Figure 27.1

Crude Petroleum and Natural Gas—Wells Drilled and Imports of Crude Petroleum: 1960 to 1980

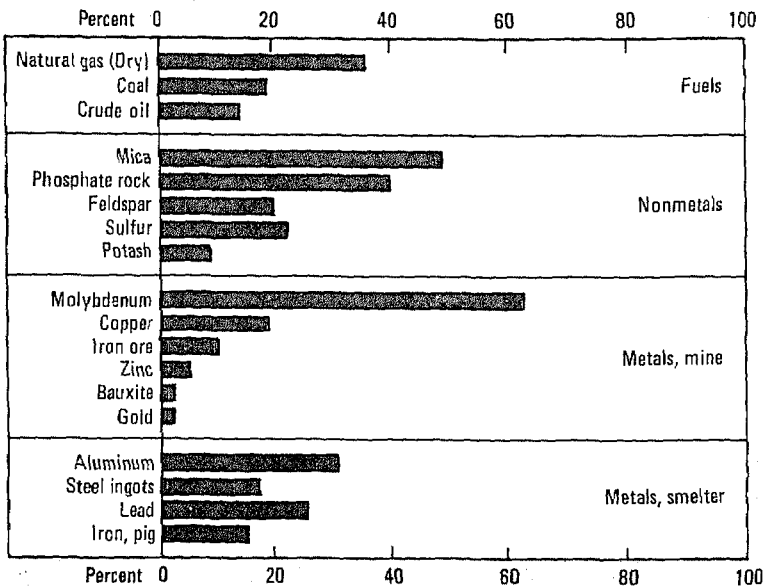


*Includes dry holes.

Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1316 and 1321.

Figure 27.2

U.S. Mineral Production as Percent of World Total: 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1311.

1981

Section 27

Mining and Mineral Products

This section presents data relating to mineral industries and their products, general summary measures of production and employment, and more detailed data on production, prices, imports and exports, consumption, and distribution for specific industries and products. Data on mining and mineral products may also be found in sections 29 and 33 of this *Abstract*; data on mining employment may be found in section 13.

"Mining" comprises the extraction of minerals occurring naturally (coal, ores, crude petroleum, natural gas) and quarrying, well operation, milling, refining and processing and other preparation customarily done at the mine or well site or as a part of extraction activity. (Mineral preparation plants are usually operated together with mines or quarries.) Exploration for minerals is included as is the development of mineral properties.

The principal governmental sources of these data are the three-volume *Minerals Yearbook*, published by the Bureau of Mines, Department of the Interior, and various monthly and annual publications of the Energy Information Administration, Department of Energy. In addition, the Bureau of the Census conducts a census of mineral industries every 5 years. Non-government sources include the *Annual Statistical Report* of the American Iron and Steel Institute, Washington, D.C.; *Metals Week* and the monthly *Engineering and Mining Journal*, issued by the McGraw-Hill Publishing Co., New York; *The Iron Age*, issued weekly by the Chilton Co., Philadelphia; and the *Joint Association Survey of the U.S. Oil and Gas Industry*, conducted by the American Petroleum Institute, Independent Petroleum Association of America, and Mid-Continent Oil and Gas Association.

Mineral statistics, with principal emphasis on commodity detail, have been collected by the Geological Survey or by the Bureau of Mines since 1880. Current data in Bureau of Mines publications include quantity and value of nonfuel minerals produced, sold or used by producers, or shipped; quantity of minerals stocked; crude materials treated and prepared minerals recovered; and consumption of mineral raw materials. The U.S. Mine Safety and Health Administration also collects and publishes data on workhours, employment, and accidents and injuries in the mineral industries, except petroleum and natural gas. In October 1977, fuel data collection activities of the Bureau of Mines were transferred to the Energy Information Administration.

Censuses of mineral industries have been conducted by the Bureau of the Census at various intervals since 1840. Beginning with the 1967 census, legislation provides for a census to be conducted every fifth year for years ending in "2" and "7." The censuses provide, for the various types of mineral establishments, information on operating costs, capital expenditures, labor, equipment, and energy requirements in relation to their value of shipments and other receipts. Commodity statistics on many manufactured mineral products are also collected by the Bureau at monthly, quarterly, or annual intervals and issued in its *Current Industrial Reports* series. Included in this series, beginning in 1973, is the *Annual Survey of Oil and Gas*.

In general, figures shown in the individual commodity tables include data for outlying areas, and may therefore not agree with summary table 1308. Except for crude petroleum and refined products, the export and import figures include foreign trade passing through the customs districts of United States and Puerto Rico, but exclude shipments between U.S. territories and the customs districts.

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

No. 1295. SUMMARY OF MINERAL OPERATIONS: 1958 TO 1977

[Represents mineral operations only. Beginning 1967, excludes single unit establishments without paid employees. See also *Historical Statistics, Colonial Times to 1970*, series M 1-11]

ITEM	Unit	1958	1963	1967	1972	1977
Establishments.....	Number.....	36,392	38,651	28,579	25,269	31,359
With 20 or more employees.....	Number.....	6,045	5,499	5,682	5,312	6,632
Including all operations in manufactures.....	Number.....	37,966	40,532	29,688	26,178	31,967
Excluding oil and gas extraction.....	Number.....	19,444	19,290	13,330	11,680	13,520
Employees, total.....	1,000.....	734	616	567	595	799
Production workers ¹	1,000.....	565	482	433	443	593
All other.....	1,000.....	169	134	134	152	206
Worker hours, production workers ¹	Million.....	1,081	973	892	909	1,183
Worker hours per production workers.....	1,000.....	1.9	2.0	2.1	2.1	2.0
Payroll, total.....	Mil. dol.....	3,749	3,743	4,187	6,226	13,167
Wages, production workers ¹	Mil. dol.....	2,623	2,680	2,888	4,250	9,082
Salaries, all other employees.....	Mil. dol.....	1,126	1,063	1,299	1,976	4,085
Cost of supplies, etc., and purchased machinery installed.....	Mil. dol.....	7,521	8,974	10,576	14,884	46,079
Value added in mining.....	Mil. dol.....	13,385	15,910	19,330	26,471	68,013
Metal mining.....	Mil. dol.....	1,180	1,418	1,557	2,382	3,604
Coal mining.....	Mil. dol.....	1,780	1,727	2,091	3,754	11,266
Oil and gas extraction.....	Mil. dol.....	9,033	11,020	13,394	17,612	48,597
Nonmetallic minerals mining.....	Mil. dol.....	1,392	1,745	2,288	2,723	4,656
Value of shipments and receipts.....	Mil. dol.....	16,373	18,804	22,784	36,319	96,375
Capital expenditures.....	Mil. dol.....	2,804	3,264	4,058	5,036	17,718

¹ See footnote 4, table 1306.

Source: U.S. Bureau of the Census, *Census of Mineral Industries, 1972*, and 1977.

No. 1296. NATIONAL INCOME ORIGINATING IN MINING: 1960 TO 1979

[In billions of dollars, except percent. Data are without capital consumption adjustment. For definition of national income, see text, p. 417. See *Historical Statistics, Colonial Times to 1970*, series F 228, for single-year figures prior to revisions issued in 1981]

TYPE OF MINING	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total mining.....	5.6	6.1	8.0	8.8	10.5	16.0	18.6	20.9	22.9	24.8	30.1
Percent of total national income.....	1.3	1.1	1.0	.9	1.0	1.4	1.5	1.5	1.4	1.4	1.5
Metal mining.....	.8	.9	1.2	1.1	1.5	1.6	1.8	1.8	1.9	2.2	2.3
Coal mining.....	1.3	1.4	2.3	2.6	3.0	5.6	6.5	6.2	6.6	6.7	8.4
Oil and gas extraction.....	2.6	2.7	3.2	3.6	4.1	6.8	8.3	10.7	11.9	12.9	16.1
Nonmetallic minerals, exc. fuels.....	.9	1.1	1.3	1.6	1.9	2.1	2.2	2.3	2.5	2.9	3.3

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and 1976-79, and *Survey of Current Business*, July issues.

No. 1297. MINING AND MINERAL PRODUCTION INDEXES: 1960 TO 1980

[1967 = 100. For a discussion of revisions to the industrial production measures, see Board of Governors of the Federal Reserve, *Industrial Production, 1976 Revision*. See also *Historical Statistics, Colonial Times to 1970*, series M 68-71]

MINING AND MINERALS	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Mining.....	80.3	93.2	112.2	113.1	114.7	115.3	112.8	114.2	118.2	124.0	125.5	132.9
Coal.....	79.2	93.8	108.0	106.0	104.8	106.4	113.4	117.2	121.9	114.7	135.6	146.7
Anthracite.....	165.0	120.7	79.2	55.3	54.9	50.9	50.1	51.9	50.2	53.4	46.7	43.7
Bituminous.....	75.6	92.6	109.2	108.1	106.8	108.7	116.0	119.9	124.9	117.2	139.3	150.9
Oil and gas extraction.....	77.9	90.5	111.6	113.6	113.7	114.4	113.3	112.0	118.0	124.6	121.7	133.8
Crude oil and natural gas.....	77.5	88.4	111.6	110.6	108.4	103.6	97.9	95.4	95.7	99.1	97.3	97.7
Crude oil.....	79.9	89.7	109.3	107.3	104.4	99.7	94.9	92.2	92.3	96.9	94.6	94.7
Natural gas.....	70.5	89.2	121.3	125.3	125.9	120.7	111.0	109.6	110.9	108.8	109.2	111.0
Natural gas liquids.....	66.5	86.3	117.5	122.2	122.8	119.3	115.3	114.5	116.2	113.2	110.9	105.0
Oil and gas drilling.....	90.2	109.1	108.3	129.6	146.5	189.3	222.8	230.1	279.3	315.2	303.8	410.2
Metal mining.....	111.5	114.8	119.9	118.8	130.2	125.6	115.8	122.8	105.5	121.0	127.0	109.1
Iron ore.....	93.6	98.5	131.1	95.1	112.6	110.4	105.4	105.4	74.3	110.0	117.1	96.6
Nonferrous ores.....	121.4	123.6	149.6	139.9	146.0	139.2	125.1	138.4	133.3	130.8	135.7	120.3
Copper ore.....	112.5	140.7	179.0	171.0	179.8	167.0	147.0	167.2	158.1	155.6	165.6	134.4
Lead and zinc ores.....	87.7	108.2	122.1	117.3	113.9	120.2	111.0	108.5	103.3	89.8	83.9	89.0
Primary metals.....	72.4	102.1	106.6	112.1	126.7	123.1	96.4	109.7	111.1	119.9	121.3	101.6
Nonferrous metals.....	61.8	95.0	109.9	121.1	134.5	129.0	97.5	118.5	124.1	131.9	135.8	119.2
Copper.....	122.3	151.5	162.7	160.7	160.5	139.9	123.0	138.2	128.0	135.8	145.9	113.4
Aluminum.....	61.1	84.2	121.6	125.8	138.6	150.1	118.8	129.7	138.8	147.0	153.6	156.5
Iron and steel.....	77.7	105.2	104.7	107.1	122.3	119.8	95.8	104.8	103.8	113.2	113.2	91.7
Stone and earth minerals.....	74.9	95.1	106.2	113.2	119.2	121.5	107.0	118.3	124.9	131.2	137.6	131.7

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 1298. VALUE OF MINERAL PRODUCTION, IMPORTS, AND EXPORTS: 1950 TO 1977

[In billions of dollars. Includes Puerto Rico and U.S. outlying areas. 1950 production data exclude Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series M 13-14, M 20, M 30, and M 38-53]

MINERAL ¹	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977
Current dollars:											
Production, total.....	11.9	15.9	18.0	21.5	29.8	32.2	36.8	55.1	62.3	69.2	73.1
Fuels ²	8.7	10.8	12.1	14.0	20.1	22.1	25.0	40.9	47.5	52.5	58.2
Metals.....	1.4	2.1	2.0	2.5	3.9	3.6	4.4	5.5	5.2	6.1	5.2
Nonmetals.....	1.8	3.0	3.9	5.0	5.8	6.5	7.4	8.7	9.6	10.6	11.7
Imports, total.....	1.9	3.0	3.5	3.6	4.8	6.3	9.8	30.1	29.4	36.7	47.2
Fuels ²	.6	1.1	1.7	2.2	3.0	4.7	8.1	27.1	26.4	33.9	44.2
Metals.....	1.0	1.6	1.5	1.0	1.2	1.0	1.1	1.8	1.8	1.6	1.5
Nonmetals.....	.3	.3	.3	.4	.6	.6	.8	1.2	1.2	1.2	1.5
Exports, total.....	(NA)	1.7	1.9	1.4	2.1	1.9	2.3	4.2	5.5	5.1	5.4
Fuels ²	(NA)	1.1	.8	1.0	1.6	1.5	1.7	3.4	4.4	4.1	4.2
Metals.....	.2	.5	.9	.2	.3	.2	.3	.3	.4	.4	.5
Nonmetals.....	.1	.1	.1	.2	.2	.2	.3	.5	.7	.6	.7
Constant (1967) dollars:											
Production, total.....	19.4	22.8	22.9	25.6	29.7	29.8	31.7	43.4	44.7	46.6	(NA)
Fuels ²	15.8	17.1	16.8	17.9	21.1	21.1	22.4	34.3	36.7	38.0	(NA)
Metals.....	1.8	2.4	2.3	2.6	3.1	2.9	3.1	3.0	2.6	2.9	2.7
Nonmetals.....	1.8	3.3	3.8	5.1	5.5	5.8	6.2	6.1	5.4	5.7	6.0

NA Not available. ¹ Through 1965, uranium included with metals; thereafter, with fuels. ² Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

Source: Except as noted, U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1299. MINERAL PRODUCTION AND CONSUMPTION—ANNUAL AVERAGE VALUE IN CONSTANT (1972) DOLLARS: 1950 TO 1977

[In millions of 1972 dollars. Estimates cover over 95 percent of U.S. production and consumption]

PERIOD	PRODUCTION				CONSUMPTION			
	Total minerals ¹	Fuels	Metallic ores	Non-metallic ores	Total minerals ¹	Fuels	Metallic ores	Non-metallic ores
1950-1954.....	18,272	13,814	2,286	677	19,958	13,985	3,631	752
1955-1959.....	20,586	15,303	2,363	825	22,988	16,155	3,720	914
1960-1964.....	22,396	16,367	2,551	979	25,643	18,288	3,676	1,066
1965-1969.....	26,979	19,879	2,822	1,363	32,150	22,487	5,099	1,511
1970-1974.....	29,860	22,012	3,188	1,511	37,556	27,220	5,338	1,722
1975-1977.....	28,286	20,776	2,897	1,652	38,752	28,732	5,055	1,898

¹ Includes construction material.

Source: U.S. Bureau of the Census and U.S. Bureau of Mines: *Raw Materials in the United States Economy 1900-1977*, Technical Paper 47.

No. 1300. SELECTED MINERAL PRODUCTS—AVERAGE PRICES: 1960 TO 1980

[Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1970*, series M 96, M 139, M 209, M 248, and M 262, for bituminous coal, crude petroleum, iron ore, lead, and aluminum, respectively]

YEARLY AVERAGE OR YEAR	Iron ore pellets ¹ (cents/l. ton, unit, iron)	Copper, electrolytic ² (cents per lb.)	Gold (dol./fine oz.)	Silver (dol./fine oz.)	Lead (New York) (cents per lb.)	Tin (New York) (cents per lb.)	Zinc ⁴ (cents per lb.)	Aluminum, delivered ⁵ (cents per lb.)	Sulfur, crude ⁶ (dol./long ton)	Bituminous coal ⁷ (dol./short ton)	Crude petroleum ⁸ (dol./bbl.)
1960.....	(NA)	32.5	35.00	.91	11.9	101.4	13.0	26.0	23.13	4.69	2.88
1965.....	25.2	35.4	35.00	1.29	16.0	178.2	14.5	24.5	22.47	4.44	2.86
1970.....	26.6	58.2	36.41	1.77	15.6	174.2	15.3	28.7	23.14	6.26	3.18
1971.....	28.0	52.0	41.25	1.55	13.9	167.3	16.1	29.0	17.47	7.07	3.39
1972.....	28.0	51.2	58.60	1.69	15.0	177.5	17.8	26.3	17.03	7.66	3.39
1973.....	29.4	59.5	97.81	2.56	16.3	227.6	20.7	25.3	17.84	8.53	3.69
1974.....	40.6	77.3	159.74	4.71	22.5	396.3	36.0	34.1	28.88	15.75	6.87
1975.....	47.2	64.2	161.49	4.42	21.5	339.8	39.0	39.8	45.63	19.23	7.67
1976.....	53.1	69.6	125.32	4.35	23.1	379.8	37.1	44.5	46.45	19.43	8.19
1977.....	55.5	65.8	148.31	4.62	30.7	534.6	34.4	51.6	45.09	19.82	8.57
1978.....	60.9	65.5	193.55	5.40	33.7	629.6	31.0	54.0	45.17	21.78	9.00
1979.....	67.8	93.3	307.50	11.11	52.6	753.9	37.3	61.0	55.75	23.50	12.64
1980, prel.....	73.7	102.4	612.56	20.63	42.5	846.0	37.4	71.6	88.93	26.00	21.19

NA Not available. ¹ Lower Great Lakes ports. Price as of end of year per long ton unit of contained iron, natural, delivered rail or vessel, Lake Superior ore. ² Domestic market. ³ Straits tin through 1975; thereafter, composite price. ⁴ Prime western. Beginning 1971, delivered price. ⁵ 99.5 percent primary aluminum ingot. ⁶ F.O.B. works. ⁷ Average value at mine. Includes Alaska. ⁸ Average value at well. Beginning 1960, includes Alaska and Hawaii. ⁹ Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II, and *Monthly Energy Review*. ¹⁰ Per metric ton.

Source: 1960-1974 compiled from *Metals Week* (copyright); *Producer Prices and Price Indexes* (U.S. Bureau of Labor Statistics), *Minerals Yearbook* and *Mineral Commodity Summaries* (U.S. Bureau of Mines); thereafter, except as noted, *Minerals Yearbook*.

NO. 1301. INDEX OF PHYSICAL VOLUME OF MINERAL PRODUCTION: 1950 TO 1979

[1967=100. Excludes Puerto Rico and outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series M 54-67]

MINERAL	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Minerals, total.....	65.3	75.4	79.1	93.5	112.1	112.7	114.1	110.4	103.8	105.5	(NA)	(NA)	(NA)
Fuels ¹	62.5	71.2	75.8	89.8	112.6	112.0	110.7	107.1	103.7	103.7	104.2	104.2	109.7
Coal.....	99.2	86.9	76.9	93.3	108.5	106.7	106.0	108.0	115.9	111.7	123.4	118.6	138.3
Crude oil ²	57.8	74.1	78.1	88.2	110.5	109.7	107.1	102.4	97.9	95.5	96.5	100.5	99.2
Natural gas (dry).....	34.6	51.9	70.3	87.9	120.9	124.4	125.0	119.1	110.6	109.8	110.2	110.0	113.1
Metals.....	105.3	109.8	104.4	114.5	135.8	127.5	136.8	130.4	117.5	129.8	118.0	(NA)	(NA)
Nonmetals.....	46.1	65.6	76.1	97.6	103.4	111.0	119.0	117.2	102.8	106.6	114.9	(NA)	(NA)

NA Not available. ¹ Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II. ² Includes lease condensate and natural gas plant liquids.

Source: Except as noted, U.S. Bureau of Mines, *Minerals Yearbook*.

NO. 1302. MINING—TOTAL ENERGY CONSUMED BY MAJOR INDUSTRY GROUP: 1954 TO 1977

[Includes firms with paid employees only. Represents purchased electricity, purchased fuels, and fuels produced and consumed at same establishment for heat and power. Excludes data for dimension and crushed and broken stone, clay, and gypsum mines operated as part of manufacturing establishments. Btu factors reflect the energy content of the various fuels with no regard to efficiency of use. Since some fuel applications are considerably more efficient than others, the Btu figures must be considered as the maximum amount of available energy. For further detail, see source]

ITEM	Unit	1954	1958	1963	1972	1977				
						Total	Metal mining	Bituminous coal	Oil and gas extraction	Non-metallic minerals except fuels
Energy used.....	Tril. Btu.....	1,273	1,384	1,489	1,991	2,391	164.7	126.3	1,773.7	322.8
Per production worker.....	Bil. Btu.....	2.0	2.4	3.1	4.5	4.0	2.6	.6	7.7	3.6
Fuels used:										
Coal.....	1,000 sh. ton.....	2,804	2,427	2,650	1,628	2,414	467.8	(0)	-	1,453.9
Fuel oils ¹	Mil. bbl.....	16.3	15.0	18.7	37.3	60.1	7.0	10.0	133.1	9.7
Gas (dry) ²	Bil. cu. ft.....	932	997	1,084	1,381	1,581	58.6	1.7	1,382.1	138.8
Gasoline.....	Mil. gal.....	(NA)	(NA)	263	223	352	20.5	61.5	223.4	45.1
Electric energy:										
Purchased.....	Bil. kWh.....	13.2	16.4	22.5	41.7	52.5	12.5	10.1	19.7	10.0
Generated:										
Used.....	Bil. kWh.....	3.7	4.4	5.9	6.6	6.9	2.6	(Z)	3.3	1.0
Sold.....	Bil. kWh.....	.9	.8	.4	.4	.4	.2	(Z)	(0)	(0)

- Represents zero. D Withheld to avoid disclosing operations of individual companies. NA Not available. Z Less than 50 million kWh. ¹ Oil and gas extraction includes crude petroleum produced and used as a fuel at same establishment; For 1954, 664 thousand barrels; for 1958, 651 thousand barrels; for 1963, 563 thousand barrels; for 1972, 9,400 thousand barrels; and for 1977, 17,648 thousand barrels. ² Oil and gas extraction includes gas produced and used at the same establishment for power or heat; For 1954, 698 billion cubic feet; for 1958, 759 billion cubic feet; for 1963, 831 billion cubic feet; for 1972, 1,015.1 billion cubic feet; and for 1977, 1,164.1 billion cubic feet.

Source: U.S. Bureau of the Census, *Census of Mineral Industries, 1977, Fuels and Electric Energy Consumed*, MC177-SR-5.

NO. 1303. OIL AND GAS FIELD OPERATIONS—COMPANIES, ESTABLISHMENTS, EMPLOYEES AND PAYROLL: 1967 TO 1977

[SIC industry 1311. Represents companies with paid employees only]

ITEM	Unit	1967	1972	1977	ITEM	Unit	1967	1972	1977
Companies.....	Number.....	5,482	5,631	6,217	Cost of supplies used, purchased machinery installed, etc.....	Bil. dol.....	3.3	4.2	13.4
All establishments.....	Number.....	8,796	7,609	8,573	Value of shipments.....	Bil. dol.....	11.7	15.7	40.8
With 20 employees or more.....	Number.....	1,034	820	981	Production of primary products:				
All employees.....	1,000.....	126.4	116.6	139.7	Crude petroleum ¹	Mil. bbl.....	3,044	3,236	2,826
Payroll.....	Mil. dol.....	1,049	1,375	2,738	Natural gas.....	Tril. cu. ft.....	17.1	21.0	18.2
Production workers.....	1,000.....	66.2	51.9	59.9	Capital expenditures.....	Bil. dol.....	2.5	3.0	10.9
Hours.....	Mil.....	130	102	118					
Wages.....	Mil. dol.....	440	499	1,025					
Value added in mining.....	Bil. dol.....	11.0	14.4	36.3					

¹ Represents crude petroleum and lease condensate plus crude petroleum produced and used in lease operations for power and heat or other purposes.

Source: U.S. Bureau of the Census, *Census of Mineral Industries, 1977, Oil and Gas Field Operations*, MC177-I-13A.

No. 1304. U.S. NONFUEL MINERAL RESERVES, 1960 TO 1980, AND CUMULATIVE PRODUCTION, 1960 TO 1979

[In thousands of metric tons unless otherwise specified. Estimates of material that can be economically extracted or produced for the United States. Economic recovery is implicit in the term reserve]

MINERAL COMMODITY	RESERVES			CUMULATIVE PRODUCTION	
	1960	1970	1980	1960-1969	1970-1979
Bauxite, (gross weight)	50,000	45,000	40,000	16,597	19,158
Cobalt, metal content in ore	40	25	-	5	(2)
Copper, metal content in ore	30,000	77,000	92,000	11,265	14,363
Gold (million troy ounces)	¹ 20	120	45	16	12
Gypsum, (gross weight) ²	(NA)	318,000	636,000	90,140	111,000
Iron ore, (gross weight) ³	2,400,000	10,700,000	17,300,000	840,000	813,000
Lead, metal content in ore	⁴ 26,000	33,000	⁵ 22,500	2,811	5,464
Manganese ore, (gross weight)	900	(⁶)	-	237	5
Molybdenum, metal content in ore	1,300	2,800	4,100	348	535
Nickel, metal content in ore	500	180	330	120	148
Phosphate rock, (gross weight)	5,200,000	7,900,000	1,800,000	269,823	424,937
Potash, in K ₂ O equivalents	360,000	420,000	300,000	26,190	23,065
Silver (million troy ounces)	760	1,300	1,510	364	380
Sulfur, in all forms	150,000	305,000	175,000	81,396	108,846
Soda ash, natural and synthetic	270,000	(⁷)	27,000,000	56,041	69,043
Tin, metal content in ore	2.5	2.5	50	(b)	(b)
Tungsten, metal content in ore	65	65	125	35	32
Zinc, metal content in ore	⁴ 12,000	24,000	⁵ 22,000	4,831	4,105

- Represents zero. D Withheld to avoid disclosing proprietary information. NA Not available. Z Less than 500. ¹ 1963 estimate. ² Excludes byproduct gypsum. ³ Iron ore reserves shown are crude ore; production is marketable ore, direct-shipping ore, concentrates and agglomerates. ⁴ 1957 estimate. ⁵ 1978 estimate. ⁶ Represents negligible amount not quantified. ⁷ Represents large amount not quantified.

Source: U.S. Bureau of Mines, *Mineral Facts and Problems, Mineral Commodity Profiles, and Mineral Commodity Summaries*, annual publications.

No. 1305. MINERAL INDUSTRY—SELECTED STATES: 1972 AND 1977

[Represents establishments classified in the mineral industries only. Excludes data for stone, sand and gravel, clay, and gypsum mines operated as parts of manufacturing establishments. Represents States with value added of more than \$500 million in 1977]

STATE	1972		1977				
	All employees (1,000)	Value added in mining (mil. dol.)	Establishments		All employees		Value added in mining (mil. dol.)
			Total	With 20 employees or more	Number (1,000)	Payroll (mil. dol.)	
United States	595.1	26,471	31,359	6,632	798.8	13,167	68,013
Alabama	8.8	264	432	122	14.1	225	787
Alaska	2.6	354	154	47	5.5	153	1,216
Arizona	21.1	625	229	50	21.0	339	751
California	29.0	1,401	1,307	295	34.8	634	3,552
Colorado	13.5	409	976	191	22.7	411	1,179
Florida	9.0	298	321	69	9.9	132	1,039
Illinois	20.5	546	879	187	25.8	452	1,163
Kansas	8.9	466	1,182	156	12.2	181	1,134
Kentucky	30.2	780	1,771	427	47.8	823	2,515
Louisiana	49.6	5,529	1,640	488	63.1	1,058	11,981
Michigan	11.4	306	499	87	11.3	203	940
Minnesota	11.7	498	179	46	11.5	213	699
Mississippi	5.6	232	449	83	6.0	87	507
Montana	5.6	169	366	46	5.9	90	580
New Mexico	16.2	958	752	177	23.5	377	2,689
Ohio	20.1	465	1,209	231	27.6	447	1,181
Oklahoma	26.9	1,133	2,279	365	43.5	696	3,418
Pennsylvania	41.9	847	1,696	417	51.7	852	2,168
Texas	95.8	6,711	6,268	1,222	143.4	2,374	19,674
Utah	11.4	372	429	100	16.7	269	911
Virginia	18.8	360	896	223	23.2	350	1,016
West Virginia	53.0	1,195	1,560	458	69.6	1,081	2,820
Wyoming	11.5	679	786	184	22.7	404	2,282
Other	57.4	1,502	4,255	829	70.1	1,055	3,219

Source: U.S. Bureau of the Census, *Census of Mineral Industries, 1977*, General Summary, MIC77-SR-1.

NO. 1306. MINERAL INDUSTRIES—SUMMARY: 1967 TO 1977

"N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series M1-12]

MINERAL INDUSTRY	1967			1972			1977					Value of ship- ments and re- ceipts* (mil. dol.)					
	Establish- ments	All employ- ees, payroll (mil. dol.)	Value added in min- ing ¹ (mil. dol.)	Establishments	All employees		Establishments	All employees		Production workers *			Value added in min- ing ² (mil. dol.)				
					Total (num- ber)	With 20 or more em- ployees		Nun- ber (1,000)	Pay- roll ¹ (mil. dol.)	Nun- ber (1,000)	Pay- roll ¹ (mil. dol.)			Man- hours ² (mil. dol.)	Wages (mil. dol.)		
All Industries	28,579	4,187	19,330	25,269	5,312	595	6,226	31,359	6,632	799	13,167	593	1,183	9,082	58,013	96,375	17,718
Metal mining	1,155	552	1,557	1,014	285	81	853	1,206	328	88	1,485	65	129	1,032	3,504	5,369	1,140
Iron ores.....	146	186	627	111	56	20	218	702	97	19	372	14	29	253	1,046	1,614	459
Copper ores.....	156	171	437	181	71	36	387	1,025	133	61	544	23	44	395	1,067	1,856	208
Lead and zinc ores.....	167	61	103	101	47	8	72	200	88	41	7	5	11	75	329	418	42
Gold and silver ores.....	183	26	51	132	12	3	30	61	175	20	4	7	73	191	189	21	
Gold ores and placers.....	125	17	35	91	5	1	20	47	126	2	32	2	25	83	102	16	
Silver ores.....	58	8	16	31	5	1	4	24	12	(2)	7	(2)	1	4	4	16	
Bauxite.....	47	32	73	44	15	4	40	137	56	7	107	5	10	79	256	372	109
Fluorspar ores, except vanadium.....	148	16	34	172	33	3	31	54	270	6	52	3	6	41	112	158	18
Metal mining services.....	295	54	175	253	46	3	71	180	375	10	227	11	22	170	502	711	18
Miscellaneous metal mining.....	188	41	142	144	34	8	58	149	225	12	203	10	20	155	432	615	252
Uranium-radium-actinium ores.....	107	14	33	119	12	1	13	31	150	4	24	1	2	14	71	97	8
Uranium-radium misc. metal ores.....	403	41	82	230	51	5	35	68	176	43	51	3	6	41	123	227	10
Anthracite mining.....	371	37	75	213	41	4	32	63	156	38	48	3	5	38	116	217	9
Bituminous coal mining.....	32	5	7	17	1	1	5	20	5	(2)	4	(2)	(2)	3	7	10	1
Anthracite mining services.....	916	2,009	3,685	1,118	1,118	165	1,742	5,275	1,690	242	4,120	204	367	3,303	11,143	16,709	2,814
Bituminous coal, lignite mining.....	3,966	925	1,967	3,191	1,076	152	1,714	3,626	4,944	1,610	2,395	198	356	3,203	10,337	16,301	2,765
Coal mining services, n.e.c.....	115	10	22	174	42	3	29	80	331	8	115	6	11	100	306	407	49
Oil and gas extraction.....	16,358	13,394	14,498	2,393	241	241	2,525	17,612	18,447	3,128	5,902	231	493	3,560	48,587	67,338	12,944
Crude petroleum and natural gas.....	8,796	10,965	7,609	820	117	117	1,375	14,422	8,573	981	2,736	60	118	1,025	38,327	40,830	10,916
Natural gas liquids.....	684	100	905	608	181	11	117	1,019	862	209	13	227	21	2,357	3,286	17,449	323
Oil and gas field services.....	2,847	707	1,524	6,209	1,382	113	1,033	2,172	1,982	1,938	2,936	160	353	1,129	6,974	9,059	1,689
Drilling oil and gas wells.....	295	627	1,907	1,907	57	45	422	881	2,825	840	79	137	14	32	1,058	3,725	540
Oil and gas exploration services.....	636	53	123	715	91	59	522	1,079	1,252	116	180	4	32	1,058	3,725	540	10
Oil and gas field services, n.e.c.....	3,895	359	770	3,587	719	11	1,070	2,723	6,235	982	99	170	170	1,436	4,556	6,742	813
Nonmetallic minerals mining	6,582	812	2,288	1,465	1,465	12	1,370	2,723	6,235	117	1,690	91	189	14	146	376	25
Dimension stone ¹	244	16	195	27	27	4	23	209	655	42	543	32	3	397	1,501	2,046	251
Crushed and broken stone ²	281	709	1,937	669	669	42	392	752	2,057	430	31	418	23	302	1,017	1,428	174
Sand and gravel ³	2,033	542	1,537	1,037	1,037	30	1,037	1,037	1,037	30	1,037	30	1,037	30	1,037	1,037	174
Clay and related minerals ⁴	3,352	238	547	437	437	9	78	198	255	103	136	8	17	91	358	591	62
Chemical and fertilizer minerals.....	193	185	269	204	204	1	1	204	204	1	204	1	1	204	204	204	277
Nonmetallic minerals, n.e.c.....	108	741	301	110	110	20	203	593	112	24	372	18	37	249	4,703	2,187	8
Nonmetallic minerals, services.....	378	41	111	459	80	7	55	138	87	7	87	6	11	65	238	350	35

Z Less than 500 or 500,000. ¹ Gross earnings paid to all employees on payroll. ² Computed by subtracting cost of supplies, materials received for preparation, purchased fuel and electric energy, contract work, and purchased machinery from the value of shipments and capital expenditures. ³ Excludes proprietors and firm members of incorporated concerns. ⁴ Represents employees up through the working foreman level engaged in manual work. Includes development and exploration workers. ⁵ Excludes paid vacations, holidays, and sick leave; includes actual overtime hours (not straight-time basis). ⁶ Represents value of shipments of primary and secondary products of the industry and amount received for services performed for other establishments on a contract, fee, or other basis. ⁷ Excludes data for dimension stone quarries operated in conjunction with dressing plants. ⁸ Excludes data for mining included in establishments classified in manufacturing industries.

Source: U.S. Bureau of the Census, *Census of Mineral Industries: 1967*, 1972, and 1977, final industry series reports.

NO. 1307. MINERAL PRODUCTION—VALUE, 1970 TO 1979, AND PRINCIPAL MINERALS IN ORDER OF VALUE, 1979, BY STATES

[In millions of dollars. Data for States will not add to total because State and U.S. totals were independently derived]

DIVISION AND STATE	1970	1975	1978	1979			
				Total	Fuels	Non-fuels	Principal minerals in order of value
U.S.	28,513	59,386	81,917	106,857	82,889	23,968	Petroleum, natural gas (wet), coal.
N.E.	143	181	265	293	-	293	(x)
Maine	24	37	43	46	-	46	Sand and gravel, cement, stone.
N.H.	9	17	23	23	-	23	Sand and gravel, stone, clays.
Vt.	28	29	48	54	-	54	Stone, asbestos, sand and gravel.
Mass.	50	59	90	93	-	93	Stone, sand and gravel, lime.
R.I.	4	6	7	8	-	8	Sand and gravel, stone, gem stones.
Conn.	28	33	54	69	-	69	Stone, sand and gravel, feldspar.
M.A.	1,485	3,430	3,773	4,382	3,054	1,328	(x)
N.Y.	300	398	448	494	40	454	Cement, stone, salt.
N.J.	89	124	128	152	-	152	Stone, sand and gravel, zinc.
Pa.	1,096	2,908	3,197	3,737	3,014	723	Coal, cement, stone.
E.N.C.	2,316	4,813	6,469	7,944	4,848	3,096	(x)
Ohio	612	1,356	1,781	2,147	1,540	607	Coal, petroleum, natural gas.
Ind.	256	542	793	966	640	326	Coal, stone, petroleum.
Ill.	689	1,491	1,758	2,346	1,869	477	Coal, petroleum, stone.
Mich.	671	1,292	1,968	2,306	799	1,507	Iron ore, petroleum, natural gas.
Wis.	88	132	159	180	-	180	Stone and gravel, stone, iron ore.
W.N.C.	1,962	3,403	5,046	6,654	2,616	4,038	(x)
Minn.	633	1,097	1,725	2,088	-	2,088	Iron ore, sand and gravel, stone.
Iowa	121	196	267	292	14	278	Cement, stone, sand and gravel.
Mo.	393	723	966	1,274	114	1,160	Lead, cement, stone.
N. Dak.	96	202	320	506	485	21	Petroleum, coal, natural gas.
S. Dak.	62	102	126	172	23	149	Gold, cement, stone.
Nebr.	73	112	152	204	105	99	Petroleum, cement, sand and gravel.
Kans.	584	971	1,490	2,138	1,875	263	Petroleum, natural gas, cement.
S.A.	2,406	7,191	7,351	(b)	(b)	3,137	(x)
Del.	2	2	2	3	-	3	Sand and gravel, magnesium compounds, clays.
Md.	88	165	222	261	68	193	Stone, cement, coal.
Va.	374	1,262	1,250	1,657	1,347	310	Coal, stone, cement.
W. Va.	1,285	3,390	3,064	4,248	4,129	119	Coal, natural gas, petroleum.
N.C.	98	153	295	342	-	342	Stone, phosphate, sand and gravel.
S.C.	56	115	183	202	-	202	Cement, stone, sand and gravel.
Ga.	203	333	594	(b)	(b)	689	Clays, stone, cement.
Fla.	300	1,771	1,741	1,965	695	1,270	Phosphate, petroleum, stone.
E.S.C.	1,640	4,541	6,012	7,449	6,411	1,038	(x)
Ky.	847	2,739	3,549	4,291	4,083	208	Coal, stone, petroleum.
Tenn.	220	423	586	651	265	386	Coal, stone, zinc.
Ala.	323	969	1,317	1,647	1,311	336	Coal, petroleum, natural gas.
Miss.	250	410	560	860	752	108	Petroleum, natural gas, sand and gravel.
W.S.C.	12,868	26,741	33,655	42,674	40,309	2,365	(x)
Ark.	226	436	629	707	404	303	Petroleum, bromine, natural gas.
La.	5,102	8,513	11,625	14,138	13,683	455	Natural gas, petroleum, sulfur.
Okla.	1,138	2,267	3,554	4,546	4,345	201	Petroleum, natural gas, coal.
Tex.	6,402	15,525	17,847	23,283	21,877	1,406	Petroleum, natural gas, sulfur.
Mt.	4,545	8,014	11,312	14,555	8,234	6,322	(x)
Mont.	313	573	723	1,044	753	291	Petroleum, coal, copper.
Idaho	120	234	299	438	-	438	Silver, phosphate, lead.
Wyo.	706	1,644	2,741	3,136	2,546	590	Petroleum, coal, sodium carbonate.
Colo.	390	958	1,450	1,824	998	826	Petroleum, molybdenum, coal.
N. Mex.	1,060	2,092	2,926	3,986	3,292	694	Natural gas, petroleum, uranium.
Ariz.	1,167	1,288	1,777	2,495	4	2,491	Copper, molybdenum, cement.
Utah	603	966	1,148	1,380	627	753	Copper, petroleum, coal.
Nev.	186	259	248	252	14	238	Gold, barite, sand and gravel.
Pac.	2,426	3,949	7,857	(b)	(b)	2,347	(x)
Wash.	91	159	251	(b)	(b)	225	Cement, sand and gravel, stone.
Oreg.	68	106	129	165	(z)	165	Stone, sand and gravel, cement.
Calif.	1,900	3,153	4,440	6,632	4,862	1,770	Petroleum, cement, natural gas.
Alaska	338	481	2,984	5,731	5,608	123	Petroleum, natural gas, sand and gravel.
Hawaii	29	50	53	64	-	64	Cement, stone, sand and gravel.

- Represents zero. D Withheld to avoid disclosing individual company data. X Not applicable. Z Less than \$500,000.

Source: U.S. Bureau of the Census. Compiled from data from U.S. Bureau of Mines and U.S. Energy Information Administration.

No. 1308. MINERAL PRODUCTION AND VALUE, 1970 TO 1979,

[Data represent production as measured by mine shipments, mine sales, or marketable, production 13-37, ton

	MINERAL	PRODUCTION QUANTITY						
		Unit	1970	1975	1976	1977	1978	1979
1	Total mineral production.....	(x).....	(x)	(x)	(x)	(x)	(x)	(x)
2	Mineral fuels.....	(x).....	(x)	(x)	(x)	(x)	(x)	(x)
3	Coal: Bituminous and lignite.....	Mil. sh. ton.....	603	648	679	691	685	776
4	Pennsylvania anthracite.....	Mil. sh. ton.....	10	6	6	6	5	5
5	Natural gas (wet).....	Bil. cu. ft.....	21,921	20,109	19,952	20,025	19,974	20,471
6	Petroleum (crude).....	Mil. bbl. ¹	3,517	3,057	2,976	3,009	3,178	3,121
7	Uranium ²	Mil. lb.....	23.1	23.2	25.5	29.9	37.0	37.5
8	Nonmetallic minerals.....	(x).....	(x)	(x)	(x)	(x)	(x)	(x)
9	Abrasive stone ³	Sh. ton.....	3,055	2,953	2,696	2,200	487	1,944
10	Asbestos.....	1,000 sh. ton.....	125	99	115	102	103	103
11	Asphalt and related bitumens (native) ⁴	1,000 sh. ton.....	1,981	1,902	2,012	1,237	1,697	1,614
12	Barite.....	1,000 sh. ton.....	854	1,318	1,234	1,494	2,112	1,937
13	Boron minerals.....	1,000 sh. ton.....	1,041	1,172	1,246	1,469	1,554	1,590
14	Bromine.....	Mil. lb.....	350	407	460	434	447	503
15	Calcium chloride.....	1,000 sh. ton.....	633	594	649	710	773	720
16	Carbon dioxide, natural (estimate).....	Mil. cu. ft.....	1,110	1,070	1,357	1,617	2,015	2,028
17	Cement: Portland.....	Mil. sh. ton.....	73.2	66.8	71.2	76.3	80.0	79.0
18	Masonry.....	Mil. sh. ton.....	3.0	2.9	3.3	3.8	4.1	3.7
19	Clays.....	Mil. sh. ton.....	54.9	49.0	52.4	53.2	56.8	54.7
20	Diatomite.....	1,000 sh. ton.....	598	573	631	648	651	717
21	Emery.....	1,000 sh. ton.....	(d)	3.5	(d)	(d)	(d)	(d)
22	Feldspar.....	1,000 sh. ton.....	726	670	740	734	735	740
23	Fluorspar.....	1,000 sh. ton.....	269	140	188	169	129	109
24	Garnet (abrasive).....	1,000 sh. ton.....	18.8	17.2	24.6	20.0	29.7	21.2
25	Gem stones (estimate).....	(x).....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
26	Gypsum.....	Mil. sh. ton.....	9.4	9.8	12.0	13.4	14.9	14.6
27	Helium ⁵	Mil. cu. ft.....	4,600	1,079	1,339	1,494	1,550	1,673
28	Lime.....	Mil. sh. ton.....	19.7	19.1	20.2	19.9	20.4	20.9
29	Magnesium compounds ⁷	1,000 sh. ton.....	708	(d)	(d)	830	(d)	(d)
30	Mica: Scrap.....	1,000 sh. ton.....	119	135	141	176	182	175
31	Sheet.....	1,000 lb.....	-	5.0	5.0	(d)	(d)	-
32	Peat.....	1,000 sh. ton.....	526	746	731	726	750	798
33	Perlite.....	1,000 sh. ton.....	456	512	553	597	641	680
34	Phosphate rock.....	Mil. sh. ton.....	38.7	48.8	49.2	52.1	55.2	58.9
35	Polash ⁸	1,000 sh. ton.....	2,729	2,094	2,501	2,461	2,543	2,632
36	Pumice.....	1,000 sh. ton.....	3,036	3,892	4,134	4,009	4,757	4,414
37	Pyrites.....	1,000 lg. ton.....	(d)	625	750	435	766	1,032
38	Salt (common).....	Mil. sh. ton.....	45.9	41.0	44.2	43.4	42.9	45.8
39	Sand and gravel.....	Mil. sh. ton.....	944	789	885	929	996	979
40	Sodium carbonate (natural).....	1,000 sh. ton.....	2,688	4,328	5,216	6,228	6,790	(d)
41	Sodium sulfate (natural).....	1,000 sh. ton.....	602	667	663	636	605	533
42	Stone ⁹	Mil. sh. ton.....	869	901	902	955	1,051	1,099
43	Sulfur: Frasch mines.....	1,000 lg. ton.....	6,504	6,077	5,860	5,935	5,645	7,388
44	Talc, soapstone, pyrophyllite.....	1,000 sh. ton.....	1,028	965	1,092	1,205	1,384	1,453
45	Tripoli.....	1,000 sh. ton.....	68	81	124	126	119	116
46	Vermiculite.....	1,000 sh. ton.....	285	330	304	359	337	346
47	Nonmetallic minerals, undistributed ¹⁰	(x).....	(x)	(x)	(x)	(x)	(x)	(x)
48	Metals.....	(x).....	(x)	(x)	(x)	(x)	(x)	(x)
49	Antimony ore and concentrate.....	Sh. ton ¹¹	1,130	886	283	610	(d)	(d)
50	Bauxite.....	1,000 lg. ton ¹²	2,082	1,772	1,958	1,981	1,643	1,792
51	Copper ²	1,000 sh. ton.....	1,720	1,413	1,606	1,504	1,496	1,531
52	Gold ²	1,000 fine oz.....	1,743	1,052	1,048	1,100	999	920
53	Iron ore, usable ¹⁴	Mil. lg. ton ¹⁵	87.2	75.7	77.1	54.1	83.2	86.2
54	Lead ²	1,000 sh. ton.....	572	621	610	592	584	579
55	Manganiferous ore ¹⁶	1,000 sh. ton ¹⁵	368	159	257	216	312	241
56	Mercury.....	76 lb. flask.....	27,296	7,368	23,133	28,244	24,163	28,519
57	Molybdenum ¹⁷	Mil. lb.....	110	105	115	125	131	144
58	Nickel ¹⁸	1,000 sh. ton.....	15.9	17.0	16.5	14.3	13.5	15.1
59	Silver ²	Mil. fine oz.....	45.0	34.9	34.3	38.2	39.4	38.1
60	Titanium concentrate: ilmenite ²	1,000 sh. ton ¹⁸	921	702	618	542	581	646
61	Tungsten ore and concentrate.....	1,000 lb. ¹⁹	3,312	5,490	5,869	6,022	6,901	6,646
62	Vanadium ²	Sh. ton.....	5,319	4,743	7,376	6,504	4,272	5,520
63	Zinc ²	1,000 sh. ton.....	534	469	485	450	334	295
64	Metals, undistributed ¹⁰	(x).....	(x)	(x)	(x)	(x)	(x)	(x)

- Represents zero. D Withheld to avoid disclosing individual company data. NA Not available. X Not applicable. ¹ 42 gal. bbl. ² Recoverable content of ores, etc. ³ Grindstones, pulpstones, millstones, grinding pebbles, sharpening stones, and tubemill liners. ⁴ Contains bituminous limestone and sandstone, and gilsonite. ⁵ Value included in "Nonmetallic minerals, undistributed." ⁶ Crude and refined. ⁷ From sea water and brines, except for metals (M₂O equiv.). ⁸ K₂O equivalent. ⁹ Excludes abrasive stone, bituminous limestone and sandstone, and ground soapstone, all included elsewhere in table. Includes calcareous marl and slate.

AND PRINCIPAL PRODUCING STATES, 1979

(including consumption by producers). See *Historical Statistics, Colonial Times to 1970*, series M selected values]

PRODUCTION VALUE (mil. dol.)						Principal producing States ranked by quantity, 1979	
1970	1975	1976	1977	1978	1979		
28,513.3	59,386.3	65,920.8	73,050.3	81,916.8	106,856.7	(x).	1
18,948.9	44,977.4	49,612.6	56,115.3	62,083.3	82,888.6	(x).	2
3,772.7	12,472.5	13,169.5	13,705.2	14,486.5	18,243.0	Ky., W. Va., Pa.	3
107.3	200.1	211.3	204.3	117.6	183.7	Pa.	4
3,745.7	8,945.1	11,571.8	15,825.0	18,076.5	24,115.1	La., Tex., Okla., N. Mex.	5
11,173.7	23,116.1	24,229.5	25,790.7	28,603.8	39,453.4	Tex., Alaska, La., Calif.	6
149.5	243.6	410.5	590.1	798.8	893.4	N. Mex., Wyo., Tex.	7
5,785.9	9,494.0	10,616.0	11,702.0	13,525.0	15,449.0	(x).	8
.6	1.1	1.4	3.2	1.3	1.7	Minn., Wis., Ark.	9
10.7	14.2	23.7	25.3	28.9	28.9	Calif., Vt., Ariz.	10
8.9	17.8	17.6	13.9	19.3	25.6	Tex., Utah, Ala., Mo.	11
12.8	21.2	28.7	30.3	44.0	48.0	Nev., Mo., Ga.	12
86.8	158.8	184.9	236.2	279.9	310.2	Calif.	13
60.6	113.1	112.3	99.7	100.0	117.0	Ark. and Mich.	14
15.2	29.0	32.9	45.0	53.9	51.9	Mich. and Calif.	15
.2	.3	.3	.4	2.6	3.2	N. Mex., Colo., Utah, Calif.	16
1,268.7	2,015.6	2,330.4	2,727.6	3,239.6	3,650.4	Calif., Tex., Pa., Mich.	17
67.5	111.8	139.6	169.1	208.6	204.8	Ga., Tex., Wyo., N.C.	18
267.9	424.6	528.7	579.2	717.3	846.1	Calif., Nev., Wash., Oreg.	19
32.6	45.8	55.0	63.9	72.4	90.3	N.Y.	20
(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	N.C., Conn., Ga., Okla.	21
9.6	11.7	17.5	17.2	18.2	21.5	Ill., Nev., Tex., Ariz.	22
13.9	10.9	17.9	16.5	13.3	12.2	N.Y., Idaho, Maine.	23
1.9	1.7	2.7	2.2	2.3	2.0	NA	24
2.4	13.9	8.9	8.9	8.9	8.2	Mich., Tex., Iowa, Calif.	25
35.1	44.7	59.9	74.3	92.7	99.9	Kans., Tex., Okla.	26
64.2	23.9	25.9	30.7	31.9	34.2	Ohio, Pa., Mo., Tex.	27
86.2	523.8	609.0	666.5	749.7	862.5	(⁵)	28
62.4	(⁵)	(⁵)	127.7	(⁵)	(⁵)	Mich., Calif., N.J., Fla.	29
2.5	5.2	5.8	7.3	8.0	7.8	N.C., S.C., N. Mex., Ala.	30
-	(z)	(z)	(⁵)	(⁵)	-	Mich., Fla., Ill., Ind.	31
6.0	12.3	12.1	12.5	13.0	15.5	N. Mex., Calif., Ariz., Idaho.	32
.9	7.3	9.4	10.8	13.7	16.4	Fla., Idaho, N.C., Tenn.	33
203.2	1,122.2	949.4	821.7	928.8	1,045.7	N. Mex., Utah, Calif.	34
98.1	223.1	210.8	206.9	226.5	279.2	Arizona, Calif., Oreg., Nev.	35
4.7	11.2	10.5	12.0	14.5	16.0	Tenn., Colo., Ariz.	36
(⁵)	4.8	8.2	7.0	12.3	17.1	La., Tex., N.Y., Ohio.	37
304.8	368.1	431.0	451.6	498.3	538.4	Calif., Tex., Alaska, Mich.	38
1,115.7	1,340.9	1,774.0	2,028.0	2,302.0	2,427.0	Wyo. and Calif.	39
56.3	182.6	259.3	337.5	371.3	(⁵)	Calif., Tex., Utah.	40
10.9	27.7	32.7	29.3	27.9	29.7	Pa., Tex., Ill., Ga.	41
1,469.6	2,120.3	2,221.0	2,456.9	2,885.7	3,399.0	Tex. and La.	42
151.8	304.8	300.0	294.7	279.9	449.4	Vt., Mont., N.Y., Tex.	43
7.8	8.9	9.9	13.1	15.8	20.4	Ill., Okla., Ark., Pa.	44
.5	.6	.8	.8	.8	6.3	Mont., S.C., Va.	45
6.5	13.8	14.0	18.6	19.7	22.0	(x)	46
34.4	157.2	169.5	56.0	222.6	740.5	(x)	47
3,778.5	4,914.9	5,692.2	5,233.0	6,308.5	8,519.1	(x)	48
(¹²)	2.1	.6	1.3	(¹²)	-	Idaho and Mont.	49
30.1	25.1	26.8	28.0	23.2	24.9	Ark., Ala., Ga.	50
1,984.5	1,814.8	2,235.0	2,009.3	1,990.3	2,955.7	Ariz., Utah, N. Mex., Mont.	51
63.4	169.9	131.3	163.2	193.3	298.3	Utah, S. Dak., Nev., Ariz.	52
941.7	1,620.6	1,871.0	1,423.0	2,401.0	2,814.0	Minn., Mich., Calif., Wyo.	53
178.6	267.2	281.6	363.8	393.5	609.9	Mo., Idaho, Colo., Va.	54
(¹²)	1.4	2.3	2.2	3.1	2.9	Minn., N. Mex., S.C.	55
11.1	1.2	2.8	3.8	3.7	8.3	Nev. and Calif.	56
190.1	259.3	333.5	450.4	607.9	871.1	Colo., Ariz., Utah, N. Mex.	57
(¹²)	(¹²)	(¹²)	(¹²)	(¹²)	(¹²)	Oreg.	58
79.7	154.4	149.3	176.3	212.7	422.0	Idaho, Ariz., Mont., Colo.	59
18.6	26.9	27.6	25.2	25.6	33.0	Fla., N.Y., N.J.	60
23.8	29.1	37.3	55.1	56.7	55.8	Calif., Colo., Nev., Utah.	61
34.9	49.3	81.3	74.5	56.8	73.9	Colo., Utah, Ark., Idaho.	62
163.7	366.1	358.5	309.3	206.9	219.8	Tenn., Mo., N.J., Idaho.	63
58.4	127.5	153.5	147.6	133.8	145.0	(x).	64

¹⁰ Comprises value of items that cannot be disclosed.¹¹ Antimony content.¹² Included with "Metals, undistributed."¹³ Dried equivalent.¹⁴ Represents shipments excluding byproduct iron sinter.¹⁵ Gross weight.¹⁶ 5 to 35 percent Mn.¹⁷ Content of concentrate.¹⁸ Content of ore and concentrate.¹⁹ Tungsten content.Source: U.S. Bureau of Mines, *Minerals Yearbook*, and beginning 1977 for mineral fuels, from U.S. Energy Information Administration, *Energy Data Reports*.

NO. 1309. MINERAL INDUSTRIES—EMPLOYMENT, HOURS, AND EARNINGS: 1960 TO 1980

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
All mining:											
All employees	1,000.....	712	632	623	697	752	779	813	851	958	1,020
Production workers	1,000.....	570	494	473	530	571	592	618	638	719	757
Average weekly earnings	Dollars.....	105	124	164	219	249	274	301	333	365	396
Average hourly earnings	Dollars.....	2.60	2.92	3.85	5.23	5.95	6.46	6.94	7.67	8.49	9.17
Average weekly hours	Number.....	40.4	42.3	42.7	41.9	41.9	42.4	43.4	43.4	43.0	43.2
Metal mining:											
All employees	1,000.....	94	84	93	95	94	94	90	94	101	98
Production workers	1,000.....	77	70	75	76	73	73	68	72	77	74
Average weekly earnings	Dollars.....	111	127	167	225	249	277	297	340	382	416
Average hourly earnings	Dollars.....	2.66	3.06	3.88	5.44	6.13	6.76	7.28	8.23	9.27	10.27
Average weekly hours	Number.....	41.8	41.6	43.1	41.4	40.7	41.0	40.8	41.3	41.2	40.5
Coal mining:											
All employees	1,000.....	186	141	145	180	213	225	225	210	259	248
Production workers	1,000.....	165	124	127	154	182	192	192	173	218	205
Average weekly earnings	Dollars.....	110	138	184	234	285	308	346	386	418	435
Average hourly earnings	Dollars.....	3.11	3.46	4.54	6.22	7.22	7.75	8.24	9.49	10.26	10.86
Average weekly hours	Number.....	35.5	39.9	40.6	37.5	39.5	39.9	41.7	40.6	41.0	40.5
Oil and gas extraction:											
All employees	1,000.....	309	287	270	300	329	346	361	429	474	552
Production workers	1,000.....	226	202	178	203	223	237	267	299	327	383
Average weekly earnings	Dollars.....	103	116	154	213	235	258	285	315	343	390
Average hourly earnings	Dollars.....	2.46	2.74	3.57	4.87	5.38	5.85	6.37	7.01	7.72	8.58
Average weekly hours	Number.....	42.0	42.4	43.2	43.8	43.7	44.1	44.7	45.0	44.4	45.4
Nonmetallic minerals, except fuels:											
All employees	1,000.....	123	120	115	122	117	115	116	119	124	123
Production workers	1,000.....	103	99	94	98	92	90	92	94	98	96
Average weekly earnings	Dollars.....	97	117	155	203	215	237	259	284	311	328
Average hourly earnings	Dollars.....	2.21	2.57	3.47	4.50	4.95	5.36	5.81	6.33	6.90	7.52
Average weekly hours	Number.....	43.7	45.7	44.7	45.0	43.5	44.2	44.6	44.8	45.0	43.6

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings, United States 1969-78, and Supplement to Employment and Earnings, Revised Establishment Data, August 1981.*

NO. 1310. MINERAL INDUSTRIES—INJURIES AND FATALITIES: 1960 TO 1979

[Excludes office workers. See also *Historical Statistics, Colonial Times to 1970*, series M 271-286]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Coal mining:										
Injuries, total	12,227	11,397	11,812	11,352	8,678	11,262	14,530	15,128	14,871	19,156
Fatal.....	325	259	260	132	133	155	141	139	106	144
Nonfatal.....	11,902	11,138	11,552	11,220	8,545	11,107	14,389	14,989	14,765	19,012
Rate per million work-hours:										
Fatal.....	1.2	1.0	1.0	.5	.5	.4	.4	.4	.3	.3
Nonfatal.....	42	45	44	40	29	30	38	38	36	43
Fatalities per 1,000 employed ¹	1.71	1.74	1.81	.90	.75	.71	.66	.60	.43	.58
Quarrying and related industries:²										
Injuries, total	4,707	3,353	3,709	2,496	2,661	2,562	2,912	3,287	4,135	4,487
Fatal.....	39	48	43	60	48	36	33	39	49	40
Nonfatal.....	4,668	3,305	3,666	2,436	2,613	2,526	2,879	3,248	4,086	4,447
Rate per million work-hours:										
Fatal.....	.2	.3	.2	.5	.4	.3	.2	.3	.3	.2
Nonfatal.....	23	17	20	19	19	19	19	21	25	26
Rate per 1,000 workers ¹										
Fatal.....	.4	.5	.5	.8	.6	.5	.4	.5	.6	.4
Nonfatal.....	49	37	45	34	33	33	35	39	49	49
Metal and nonmetal mining:³										
Injuries, total	7,253	6,328	6,730	5,023	5,448	5,158	4,907	4,694	7,124	7,983
Fatal.....	121	92	93	75	71	66	56	68	62	57
Nonfatal.....	7,132	6,236	6,637	4,948	5,377	5,092	4,851	4,626	7,062	7,926
Rate per million work-hours:										
Fatal.....	.8	.6	.7	.3	.3	.3	.2	.3	.3	.2
Nonfatal.....	45	42	47	23	24	22	20	20	29	31
Rate per 1,000 workers: ¹										
Fatal.....	.9	.8	.8	.7	.6	.5	.5	.5	.5	.4
Nonfatal.....	50	52	60	44	44	40	39	37	56	59

¹ Average number of persons at work each day mines were active. ² Includes manufacture of cement, except for 1973-75. ³ Beginning 1973, nonmetal mines exclude extraction of Frasch process sulfur.

Source: 1960-1970, U.S. Bureau of Mines, *Minerals Yearbook*, and unpublished data; thereafter, U.S. Mine Safety and Health Administration, Denver, Colorado, unpublished data.

NO. 1311. PRINCIPAL FUELS, NONMETALS, AND METALS—U.S. PRODUCTION AS PERCENT OF WORLD PRODUCTION: 1965 TO 1979

MINERAL	WORLD PRODUCTION						PERCENT U.S. OF WORLD					
	Unit	1965	1970	1975	1978	1979, prel.	1965	1970	1975	1978	1979, prel.	
Fuels: ¹												
Coal	Bil. sh. ton.....	3.1	3.3	3.7	3.9	4.1	17	18	18	17	19	
Petroleum (crude)	Bil. bbl	11.1	16.7	19.3	22.0	22.8	26	21	16	14	14	
Natural gas (dry, marketable)	Tril. cu. ft.....	(NA)	37.7	44.7	51.8	54.4	85	58	43	37	36	
Nonmetals:												
Asbestos	Mil. sh. ton.....	3.1	3.9	4.6	5.2	5.4	4	3	2	2	2	
Barite	Mil. sh. ton.....	3.9	4.3	5.4	7.5	7.9	22	20	25	28	27	
Feldspar	Mil. sh. ton.....	2.2	2.8	2.9	3.4	3.8	32	26	23	22	20	
Fluorspar	Mil. sh. ton.....	3.1	4.6	5.0	5.3	5.1	8	4	3	2	2	
Gypsum	Mil. sh. ton.....	53.0	56.9	65.3	84.3	83.5	19	17	15	18	18	
Mica (incl. scrap)	1,000 sh. ton.....	218	180	250	267	272	55	66	54	52	49	
Nitrogen, agricultural ²	Mil. sh. ton.....	18.5	33.4	46.7	72.8	76.9	27	25	20	20	19	
Phosphate rock	Mil. sh. ton.....	70.3	93.6	118.6	160.0	143.5	34	41	41	35	40	
Potash (K ₂ O equiv.)	Mil. sh. ton.....	15.1	20.0	27.4	28.7	28.6	21	14	9	9	9	
Sulfur, elemental	Mil. lg. ton.....	15.3	22.2	49.9	52.6	54.3	46	39	22	21	22	
Metals, mine basis:												
Bauxite	Mil. lg. ton.....	36.8	56.9	74.5	79.7	96.6	4	4	2	2	2	
Copper ³	Mil. sh. ton.....	5.6	6.8	7.7	8.3	8.5	24	26	18	18	19	
Gold	Mil. troy oz.....	46.2	47.5	38.7	39.3	38.8	4	4	3	3	2	
Iron ore	Mil. lg. ton.....	611	754	887	841	897	14	12	9	10	10	
Lead ⁴	Mil. sh. ton.....	3.0	3.7	3.8	3.8	3.9	10	15	17	15	15	
Mercury	1,000 flask ⁴	276	284	252	184	190	7	10	3	13	16	
Molybdenum ⁵	Mil. lb.....	115	181	177	221	229	67	61	60	60	63	
Nickel ³	1,000 sh. ton.....	468	693	888	729	753	3	2	2	2	2	
Silver	Mil. troy oz.....	257	301	298	345	346	16	15	12	11	11	
Titanium concentrates:												
Ilmenite ⁶	Mil. sh. ton.....	2.7	4.0	3.2	3.9	3.9	36	23	22	15	17	
Tungsten	Mil. lb.....	59.6	71.4	84.3	100.1	103.7	13	13	7	7	6	
Uranium oxide (U ₃ O ₈) ⁶	1,000 sh. ton.....	21	24	27	(NA)	(NA)	49	53	43	(NA)	(NA)	
Vanadium ³	1,000 sh. ton.....	9.1	19.9	23.2	35.2	38.3	58	26	20	15	14	
Zinc ⁴	Mil. sh. ton.....	4.7	6.0	6.4	6.5	6.5	13	9	7	5	5	
Metals, smelter basis:												
Aluminum	Mil. sh. ton.....	7.0	10.6	13.4	15.5	16.1	37	37	29	31	31	
Cadmium	Mil. lb.....	26.1	36.5	33.9	37.0	40.8	27	26	13	10	10	
Copper	Mil. sh. ton.....	6.1	6.8	7.7	8.7	8.9	24	24	18	17	17	
Iron, pig (incl. ferroalloys)	Mil. sh. ton.....	369	474	529	558	583	25	19	15	16	15	
Lead	Mil. sh. ton.....	2.9	3.6	3.6	5.9	5.9	14	18	17	25	26	
Magnesium	Mil. sh. ton.....	178	242	258	312	314	46	46	47	48	48	
Steel ingots and castings	Mil. sh. ton.....	507	655	713	783	816	26	20	16	18	17	
Tin	1,000 m. ton ⁶	200	227	228	245	247	2	(NA)	3	2	2	
Zinc	Mil. sh. ton.....	4.4	5.3	5.5	6.4	6.9	23	16	8	8	8	

NA Not available. ¹ Source: Beginning 1975, Energy Information Administration, *International Energy Annual*. See table 1317 for production by world region. ² For years ending June 30, U.S. production includes Puerto Rico. ³ Content of ore and concentrate. ⁴ 76-lb. flasks. ⁵ Excludes Soviet Union. ⁶ Metric tons.

Source: Except as noted, U.S. Bureau of Mines, *Minerals Yearbook*, annual.

NO. 1312. FEDERAL STRATEGIC AND CRITICAL MATERIALS INVENTORY: 1970 TO 1980

[As of Dec. 31. Covers strategic and critical materials essential to military and industrial requirements in time of national emergency. Market values are estimated current trade values of similar materials and not necessarily amounts that would be realized at time of sale]

MINERAL	Unit	QUANTITY			VALUE OF TOTAL INVENTORY (bil. dol.)		
		Total inventory ¹			1970	1975	1980
		1970	1975	1980			
Tin	1,000 lg. ton	253	207	200	942	1,381	3,158
Silver	1,000 troy oz.....	165,000	139,500	139,500	297	556	2,288
Cobalt	Mil. lb.....	72	46	41	158	185	1,020
Bauxite ²	1,000 lg. ton.....	16,798	14,332	14,333	286	350	583
Manganese ³	1,000 sh. ton.....	10,001	4,274	3,495	451	522	540
Tungsten ⁴	Mil. lb.....	82	75	62	272	414	533
Zinc	1,000 sh. ton.....	1,120	375	376	347	291	313
Titanium	1,000 sh. ton.....	24	27	21	60	145	301
Platinum	1,000 troy oz.....	450	453	440	60	72	209

¹ Consists of stockpile and nonstockpile grades and reflects uncommitted balances. ² Consists of abrasive grade, met. grade Jamaica, met. grade Surinam, and refractory. ³ Consists of chemical grade, dioxide battery natural, dioxide battery synthetic, electrolytic, ferro-high carbon, ferro-med. carbon, ferro-silicon, and metal. ⁴ Consists of carbide powder, ferro, metal powder, and ores and concentrates.

Source: U.S. General Services Administration, *Statistical Supplement, Stockpile Report to the Congress* (OP-4).

**NO. 1313. AVERAGE ANNUAL IMPORTS AND EXPORTS OF MINERALS IN CONSTANT (1972) DOLLARS:
1950 TO 1977**

[In millions of constant (1972) dollars]

ITEM	IMPORTS						EXPORTS					
	1950- 1954	1955- 1959	1960- 1964	1965- 1969	1970- 1974	1975- 1977	1950- 1954	1955- 1959	1960- 1964	1965- 1969	1970- 1974	1975- 1977
Minerals¹	3,301	4,528	4,884	6,647	9,832	13,173	1,421	1,845	1,824	2,045	2,346	2,413
Iron and ferroalloy ores.....	649	918	942	1,307	1,455	1,497	206	366	484	468	585	594
Other metal ores.....	1,232	1,379	1,000	1,350	1,551	1,756	283	392	560	578	617	616
Fuels.....	1,172	1,922	2,570	3,475	6,182	9,202	857	974	617	750	825	834
Other nonmetallic.....	148	197	245	380	488	580	69	106	152	228	293	332

¹Includes construction material.

Source: U.S. Bureau of the Census and U.S. Bureau of Mines: *Raw Materials in the United States Economy 1900-1977*, Technical Paper 47.

**NO. 1314. SELECTED MINERAL AND METAL PRODUCTS—QUANTITY AND VALUE OF IMPORTS AND
EXPORTS: 1970 TO 1980**

[Imports represent imports for consumption. Exports include shipments under foreign aid programs. Includes trade of Puerto Rico with foreign countries]

PRODUCT	Unit	QUANTITY					VALUE (mil. dol.)				
		1970	1975	1978	1979	1980	1970	1975	1978	1979	1980
IMPORTS											
Petroleum (crude) ¹	Mil. bbl.....	535	1,581	2,406	2,375	1,975	1,260	18,290	32,298	46,058	61,899
Nonmetallic minerals:											
Abrasives:											
Diamonds (industrial).....	Mil. carat.....	13.4	14.3	22.2	25.3	21.8	49	53	88	111	111
Gem stones: Diamonds.....	Mil. carat.....	4.3	4.6	5.7	4.5	4.2	425	722	1,962	1,859	2,251
Ores and concentrates:											
Bauxite (crude).....	Mil. lg. ton.....	13.6	11.5	13.6	13.6	13.9	160	245	398	389	(NA)
Chromium (Cr ₂ O ₃ content).....	1,000 sh. ton.....	647	559	415	416	410	32	61	51	56	57
Copper.....	1,000 sh. ton.....	65	29	24	34	58	77	36	25	48	73
Iron.....	Mil. lg. ton.....	44.9	46.7	33.6	33.8	25.1	480	860	845	923	773
Tungsten.....	Mil. lb.....	1.3	6.6	9.1	11.4	11.4	3	32	68	85	87
Metals:											
Aluminum.....	1,000 sh. ton.....	350	434	757	571	581	164	317	745	646	778
Cobalt.....	Mil. lb.....	11.9	6.1	16.5	18.9	15.0	26	26	168	462	359
Copper refined in ingots, etc.....	1,000 sh. ton.....	132	143	444	427	471	149	166	512	389	935
Gold (bullion).....	Mil. troy oz.....	6.4	2.3	4.4	4.4	4.1	227	407	858	1,401	2,507
Iron and steel products (major).....	Mil. sh. ton.....	13.7	12.4	21.9	18.3	16.2	2,066	4,507	7,596	7,744	7,713
Platinum group ²	Mil. troy oz.....	1.4	1.7	2.9	3.5	3.5	105	255	450	842	1,260
Silver (bullion).....	Mil. troy oz.....	29.6	61.6	61.4	78.4	64.9	53	274	323	841	1,332
Zinc: Blocks, pigs, slabs.....	1,000 sh. ton.....	280	375	686	578	452	74	274	386	391	319
EXPORTS											
Fuels: ¹											
Bituminous coal.....	Mil. sh. ton.....	71.0	65.8	30.3	50.7	89.9	955	3,242	1,647	2,763	4,523
Petroleum (crude).....	Mil. bbl.....	5.0	(Z)	(Z)	(Z)	30.6	17	(Z)	389	(Z)	751
Nonmetallic minerals:											
Gem stones: Diamonds.....	Mil. carat.....	(NA)	.3	1.6	1.2	1.3	(NA)	237	737	885	1,041
Nitrogen compounds (major).....	Mil. sh. ton.....	3.4	4.7	8.2	9.2	11.1	151	860	879	1,171	1,842
Phosphatic fertilizers ³	Mil. sh. ton.....	.8	3.6	6.5	34.9	43.4	29	725	726	865	1,383
Metals:											
Aluminum: Ingots, slabs, crude.....											
1,000 sh. ton.....	1,000 sh. ton.....	408	186	127	201	715	215	134	134	264	1,107
Plates, sheets, bars, etc.....	1,000 sh. ton.....	138	171	187	248	306	107	229	322	502	716
Gold (refined bullion).....	Mil. troy oz.....	1.0	3.1	5.0	15.6	4.7	34	429	1,025	4,621	2,787
Iron and steel products (major).....											
Mil. sh. ton.....	Mil. sh. ton.....	7.6	3.9	2.8	3.2	4.5	1,375	2,970	1,955	2,580	3,504
Magnesium ⁴	1,000 sh. ton.....	35.7	32.6	41.8	54.3	56.8	23	48	76	114	128
Molybdenum ⁵	1,000 lb.....	671	317	389	1,142	614	.8	.9	2	10	5
Silver (refined bullion).....	Mil. troy oz.....	17.2	22.6	10.0	16.3	57.2	31	104	55	238	1,327
Scrap exports:											
Aluminum.....	1,000 sh. ton.....	57	67	195	307	445	21	29	141	290	483
Iron and steel.....	Mil. sh. ton.....	10.9	9.6	9.1	11.2	11.4	459	781	704	1,158	1,257

NA Not available. Z Less than \$50,000 or \$500,000. ¹Source: U.S. Bureau of the Census, *U.S. Imports for Consumption and General Imports, TSUSA Commodity and Country*, FT 246, annual; and *U.S. Exports, Schedule B Commodity and Country*, FT 446, monthly. ²Unwrought and semimanufactured. ³Superphosphates and ammonium phosphates. ⁴Metal and alloys, scrap, semimanufactured forms. ⁵Metals and alloys, crude and scrap.

Source: Except as noted, U.S. Bureau of Mines, *Minerals Yearbook*.

NO. 1315. NET U.S. IMPORTS OF SELECTED MINERALS AND METALS AS PERCENT OF APPARENT CONSUMPTION, 1960 TO 1980, AND BY MAJOR FOREIGN SOURCES, 1976-1979

(In percent. Figures based on net imports which equal the difference between imports and exports plus or minus government stockpile and industry stock changes)

MINERAL	1960	1965	1970	1975	1976	1977	1978	1979	1980, prel.	Rank of major foreign sources, 1976-1979
Columbium.....	100	100	100	100	100	100	100	100	100	Brazil, Canada, Thailand.
Mica (sheet).....	94	94	100	100	100	100	100	100	100	India, Brazil, Madagascar.
Strontium.....	100	100	100	100	100	100	100	100	100	Mexico.
Manganese.....	89	94	95	98	98	98	97	98	97	South Africa, Gabon, Brazil, France.
Tantalum.....	94	95	96	81	96	97	97	96	97	Thailand, Canada, Malaysia, Brazil.
Bauxite ¹	74	85	88	91	91	91	93	93	94	Jamaica, Australia, Guinea.
Cobalt.....	66	92	98	98	98	97	95	94	93	Zaire, Belgium-Luxembourg, Zambia, Finland.
Chromium.....	85	92	89	91	89	91	91	90	91	South Africa, Philippines, Soviet Union, Turkey.
Platinum group.....	82	87	78	83	90	91	90	89	87	Rep. of South Africa, Soviet Union, United Kingdom.
Tin.....	82	80	81	84	85	82	79	80	84	Malaysia, Bolivia, Thailand, Indonesia.
Asbestos.....	94	85	83	84	84	85	85	83	76	Thailand, Canada, Rep. of South Africa.
Nickel.....	72	73	71	72	70	70	80	69	73	Canada, Norway, New Caledonia, Dominican Republic.
Potassium.....	(²)	7	42	51	61	63	64	66	62	Canada, Israel.
Cadmium.....	13	20	7	41	64	51	63	64	62	Canada, Australia, Mexico, Belgium-Luxembourg.
Zinc.....	46	53	54	61	58	57	66	63	58	Canada, Spain, Mexico, Honduras.
Tungsten.....	32	57	50	46	53	52	56	58	54	Canada, Bolivia, Thailand, Rep. of Korea.
Antimony.....	43	36	40	49	54	41	43	53	53	South Africa, Bolivia, China Mainland, Mexico.
Mercury.....	25	49	41	69	62	45	64	55	49	Spain, Algeria, Italy, Canada, Yugoslavia.
Titanium ³	22	9	24	25	28	39	41	39	47	Australia, Canada, Rep. of South Africa.
Selenium.....	25	44	11	66	69	52	43	28	40	Canada, Japan, Yugoslavia.
Barium.....	45	46	45	32	42	38	27	38	38	Peru, Ireland, Mexico, Morocco.
Gypsum.....	35	37	39	34	35	31	32	35	38	Canada, Mexico, Jamaica.
Petroleum ⁴	17	20	22	36	41	47	43	43	37	Saudi Arabia, Nigeria, Venezuela, Libya, Algeria.
Gold.....	56	72	59	52	60	61	53	50	28	Canada, Soviet Union, Switzerland.
Iron ore.....	16	32	30	30	31	48	23	25	22	Canada, Venezuela, Brazil, Liberia.
Vanadium.....	(²)	15	21	38	37	35	36	28	15	Rep. of South Africa, Chile, Canada.
Copper.....	(²)	15	(²)	(²)	12	13	20	12	14	Canada, Chile, Zambia, Peru.
Iron and steel.....	(²)	7	4	9	8	15	12	12	13	Japan, Europe, Canada.
Sulfur.....	(²)	(²)	(²)	(²)	-	6	12	11	13	Canada, Mexico.
Natural gas ⁵	1	3	4	5	5	5	6	5	6	Canada, Algeria.
Aluminum.....	(²)	4	(²)	(²)	9	7	11	4	(²)	Canada, Ghana.
Silver.....	43	16	26	12	45	31	43	42	(²)	Canada, Mexico, Peru, United Kingdom.

- Represents zero. ¹ Includes alumina. ² Net exports. ³ Ilmenite. ⁴ Includes crude and products. ⁵ Source: Beginning 1977, Energy Information Administration: *Annual Report to Congress*, vol. II.

Source: Except as noted, U.S. Bureau of Mines, *Minerals Commodity Summaries*; Import and export data from U.S. Bureau of the Census.

NO. 1316. PETROLEUM INDUSTRY—SUMMARY: 1940 TO 1980

YEAR	CRUDE OIL PRODUCING WELLS		COMPLETED WELLS DRILLED (1,000)				CRUDE OIL PRODUCTION			Imports, crude oil (mil. bbl.)	Imports refined petroleum products (mil. bbl.)	Operable refinery capacity (Jan. 1) (mil. bbl.)
	Total (1,000)	Daily output per well (bbl.)	Total	Crude oil	Gas	Dry	Total (mil. bbl.)	Value at wells (bil. dol.)	Avg. price per bbl. (dol.)			
1940.....	389	9.6	30	19	2	7	1,353	1.4	1.02	43	41	1,536
1945.....	416	11.3	27	14	3	7	1,714	2.1	1.22	74	39	1,853
1950.....	466	11.8	42	24	3	15	1,974	5.0	2.51	178	133	2,271
1955.....	524	13.2	55	30	4	20	2,484	6.9	2.77	285	170	2,945
1960.....	591	12.0	46	22	5	18	2,575	7.4	2.88	372	293	3,602
1965.....	589	13.3	39	18	4	16	2,849	8.1	2.86	452	449	3,803
1970.....	531	18.0	28	13	4	11	3,517	11.2	3.18	483	765	4,388
1971.....	517	18.1	26	12	4	10	3,454	11.7	3.39	611	819	4,684
1972.....	508	18.4	27	11	5	11	3,455	11.7	3.39	811	924	4,865
1973.....	497	18.3	27	10	6	10	3,361	13.1	3.89	1,184	1,099	4,979
1974.....	498	17.6	32	13	7	12	3,203	22.0	6.74	1,269	962	5,242
1975.....	500	16.8	37	16	8	13	3,057	23.4	7.67	1,498	712	5,461
1976.....	499	16.3	40	17	9	14	2,976	24.4	8.14	1,935	741	5,577
1977.....	507	16.4	45	19	11	15	3,010	25.8	8.57	2,414	800	5,985
1978.....	517	17.0	47	18	13	16	3,178	28.6	8.96	2,320	733	6,222
1979.....	531	16.3	50	19	15	16	3,121	29.5	12.64	2,380	707	6,366
1980, prel.....	(NA)	(NA)	61	27	16	18	3,146	66.7	21.19	1,903	582	6,576

NA Not available.

Source: 1940-1945, American Petroleum Institute, Washington, D.C., *Petroleum Facts and Figures*, biennial; beginning 1950, U.S. Energy Information Administration, *Annual Report to Congress*, and *Monthly Energy Review*.

No. 1317. CRUDE OIL, NATURAL GAS, AND COAL—WORLD PRODUCTION, BY REGION: 1960 TO 1979

FUEL AND REGION	PRODUCTION										PERCENT DISTRIBUTION		
	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1960	1970	1979
CRUDE OIL (mil. bbl.)													
World.....	7,674	11,063	16,711	20,368	20,539	19,502	21,192	21,776	21,969	22,776	100.0	100.0	100.0
United States.....	2,575	2,849	3,517	3,361	3,203	3,057	2,976	3,009	3,178	3,121	33.6	21.0	13.7
Other W. Hemisphere.....	1,555	1,979	2,377	2,542	2,405	2,123	2,114	2,131	2,217	2,459	20.3	14.2	10.6
Western Europe.....	99	131	116	114	116	200	312	499	641	843	1.3	7	3.7
Africa.....	105	812	2,207	2,161	1,990	1,828	2,135	2,261	2,203	2,407	1.4	13.2	10.6
Middle East.....	1,923	3,054	5,096	7,745	7,987	7,161	8,118	8,176	7,702	7,806	25.1	30.5	34.3
Far East and Oceania.....	202	246	503	816	816	806	923	1,017	1,020	1,042	2.6	3.0	4.6
Sino-Soviet area ¹	1,215	1,993	2,890	3,629	4,022	4,329	4,616	4,683	5,009	5,105	15.8	17.2	22.4
NATURAL GAS ² (bil. cu. ft.)													
World.....	16,917	24,537	37,664	46,144	47,179	47,364	49,497	51,394	51,750	54,350	100.0	100.0	100.0
United States.....	12,771	16,040	21,921	22,648	21,601	20,109	19,952	20,025	19,120	19,663	75.5	58.2	35.9
Other W. Hemisphere.....	1,299	2,268	3,554	4,735	4,712	4,778	4,863	4,999	4,630	5,010	7.7	9.4	9.2
Western Europe.....	432	671	2,751	5,148	5,837	6,033	6,349	6,527	6,470	6,850	2.6	7.3	12.2
Africa.....	6	70	122	586	594	757	891	959	710	740	(2)	3	1.4
Middle East.....	57	171	460	1,277	1,423	1,359	1,407	1,463	2,000	2,020	3	1.2	3.7
Far East and Oceania.....	158	166	525	792	895	985	1,165	1,366	1,380	1,500	9	1.4	2.8
Sino-Soviet area.....	2,184	5,152	8,331	10,958	12,117	13,342	14,870	16,054	17,450	18,930	13.0	22.1	34.8
COAL (mil. sh. ton)													
World.....	2,899	3,079	3,317	3,404	3,459	3,606	3,716	3,839	3,915	4,117	100.0	100.0	100.0
United States.....	434	527	613	599	610	655	685	697	670	781	15.0	18.5	18.9
Other W. Hemisphere.....	21	22	28	35	35	42	43	46	51	53	.7	.8	1.3
Western Europe.....	618	601	500	466	439	497	467	483	509	528	21.3	15.1	12.8
Africa.....	48	59	66	75	77	82	91	100	106	121	1.7	2.0	2.9
Middle East.....	11	10	10	12	19	14	12	14	16	18	.4	.3	.4
Far East and Oceania.....	189	237	240	233	250	278	285	346	329	301	6.5	7.2	7.3
Sino-Soviet area.....	1,578	1,622	1,861	1,984	2,032	2,038	2,123	2,152	2,237	2,321	54.4	56.1	56.4

Z Less than .05 percent. ¹ Includes Cuba. ² Marketed production, wet, through 1977; thereafter dry.

Source: 1960-1975, U.S. Dept. of Interior, *Energy Perspectives 2*, June 1976, and unpublished data; 1976 and 1977, U.S. Energy Information Administration, *International Petroleum Annual*, *World Natural Gas*, annual, and *Coal—Bituminous and Lignite*, annual, and beginning 1978, *International Energy Annual*, August 1980.

No. 1318. FUEL CONSUMPTION, BY TYPE OF USE: 1960 TO 1980

FUEL AND USE	Unit	CONSUMPTION								PERCENT USE		
		1960	1965	1970	1975	1977	1978	1979	1980 ¹	1965	1970	1980 ¹
Petroleum ²	Mil. bbl.	3,586	4,202	5,364	5,958	6,727	6,879	6,757	6,234	100	100	100
Fuel use.....	Mil. bbl.	(NA)	3,802	4,787	5,299	(NA)	(NA)	5,916	5,447	90	89	87
Nonfuel use.....	Mil. bbl.	(NA)	400	578	659	(NA)	(NA)	841	787	10	11	13
Residential ³	Mil. bbl.	884	1,001	1,142	1,024	1,103	1,103	888	779	24	21	12
Industrial.....	Mil. bbl.	746	896	1,050	1,162	1,433	1,460	1,781	1,650	21	20	26
Transportation.....	Mil. bbl.	1,862	2,183	2,832	3,253	3,545	3,704	3,565	3,325	52	53	53
Electrical generation.....	Mil. bbl.	92	121	340	519	647	612	543	480	3	6	8
Natural gas (dry)	Bil. cu. ft.	11,967	15,280	21,139	19,538	19,521	19,627	20,241	20,017	100	100	100
Fuel use.....	Bil. cu. ft.	(NA)	(NA)	(NA)	19,008	(NA)	(NA)	19,647	19,434	(NA)	(NA)	97
Nonfuel use.....	Bil. cu. ft.	(NA)	(NA)	(NA)	530	(NA)	(NA)	594	583	(NA)	(NA)	3
Residential ³	Bil. cu. ft.	4,123	5,346	7,235	7,432	7,322	7,504	7,751	7,502	35	34	38
Industrial ⁴	Bil. cu. ft.	4,535	5,955	7,851	6,968	6,815	6,757	6,899	6,776	39	37	34
Pipeline fuel.....	Bil. cu. ft.	347	501	722	583	533	530	601	594	3	3	3
Electrical generation.....	Bil. cu. ft.	1,725	2,321	3,932	3,158	3,191	3,188	3,491	3,680	15	19	17
Lease and plant fuel.....	Bil. cu. ft.	1,237	1,156	1,399	1,396	1,659	1,648	1,499	1,465	8	7	7
Coal ⁵ & 6	Mil. sh. ton	398	472	523	563	625	625	681	706	100	100	100
Fuel use.....	Mil. sh. ton	393	467	518	563	625	625	678	703	99	99	100
Nonfuel use.....	Mil. sh. ton	5	5	6	5	3	3	3	3	1	1	(2)
Residential ³	Mil. sh. ton	41	26	16	9	10	10	8	8	6	3	1
Industrial.....	Mil. sh. ton	177	201	187	147	139	134	145	129	43	36	18
Electrical generation.....	Mil. sh. ton	177	245	320	406	477	481	527	569	52	61	81

- Represents zero. NA Not available. Z Less than .5 percent. ¹ Preliminary. ² Products refined and processed from crude oil, including still gas, liquefied refinery gas, and natural gas liquids. ³ Includes commercial. ⁴ Excludes lease and plant fuel. ⁵ Includes anthracite, bituminous, and lignite coals. ⁶ Includes transportation and miscellaneous, not shown separately.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

No. 1319. CRUDE PETROLEUM AND REFINED PRODUCTS: 1965 TO 1980

[Barrels of 42 gallons. See tables 1005 and 1006 for additional information. See also *Historical Statistics, Colonial Times to 1970*, series M 138-142, M 178, and M 181]

ITEM	Unit	1965	1970	1974	1975	1976	1977	1978	1979	1980 ¹
Crude petroleum:										
Domestic production.....	Mill. bbl.	2,849	3,517	3,203	3,057	2,976	3,009	3,178	3,121	3,146
Value at wells.....	Bill. dol.	8.1	11.2	22.0	23.4	24.4	25.8	28.6	39.5	66.7
Average price per barrel at wells.....	Dol.	2.86	3.18	6.74	7.67	8.14	8.57	8.98	12.64	21.19
World production.....	Mill. bbl.	11,058	16,719	20,537	19,475	21,192	21,776	21,969	22,776	21,757
U.S. proportion of world total.....	Percent	26	21	16	16	14	14	14	14	14
Imports.....	Mill. bbl.	452	483	1,269	1,499	1,935	2,414	2,320	2,380	1,903
Value ²	Mill. dol.	1,118	1,052	15,420	18,374	25,480	33,583	32,140	45,100	62,014
Exports.....	Mill. bbl.	1	5	1	2	3	18	58	86	104
Value ²	Mill. dol.	2,841	4,991	14	178	27	209	389	394	751
Stocks, Dec. 31.....	Mill. bbl.	220	276	265	271	285	348	376	430	465
Proved reserves ³ Dec. 31.....	Mill. bbl.	31,352	39,001	34,250	32,682	30,942	29,486	27,804	27,051	(NA)
Refinery:										
Total capacity (Dec. 31) ⁴	Mill. bbl.	3,308	4,674	5,461	5,561	5,978	6,222	6,366	6,565	6,607
Crude oil receipts at refineries.....	Mill. bbl.	3,297	3,973	4,436	4,546	4,920	5,345	5,373	5,364	4,941
By pipeline: Domestic.....	Mill. bbl.	2,363	2,840	2,754	2,652	2,643	2,530	2,418	2,329	2,272
Foreign.....	Mill. bbl.	107	237	370	398	443	568	584	612	506
By water: Domestic.....	Mill. bbl.	444	610	342	305	271	319	584	592	541
Foreign.....	Mill. bbl.	344	244	896	1,101	1,487	1,835	1,983	1,722	1,370
By tank cars and trucks.....	Mill. bbl.	38	43	74	80	76	94	94	108	120
Utilization rate ^{4,5}	Percent	(NA)	88.6	83.9	84.2	87.0	89.1	86.9	84.7	74.6
Refined products:										
Completed refineries, Dec. 31.....	Number	286	279	290	287	291	302	311	311	319
Daily crude oil capacity.....	Mill. bbl.	10.2	12.7	14.7	14.9	15.9	16.8	17.1	18.0	18.1
Average dealer's net price per gal. (incl. tax) of regular grade full service gasoline ⁶	Cents.	31.15	35.69	52.41	57.22	59.47	63.08	65.71	85.16	117.27
Yield of gasoline.....	Percent	44.0	45.3	45.9	48.5	45.6	43.4	44.1	43.0	(NA)
Imports.....	Mill. bbl.	449	765	962	712	741	800	733	707	582
Value ²	Mill. dol.	1,047	1,413	9,223	6,751	6,108	7,843	6,844	9,752	11,502
Exports.....	Mill. bbl.	67	89	79	74	79	70	74	86	94
Value ²	Mill. dol.	482	424	561	325	501	610	685	858	1,242
Stocks, Dec. 31.....	Mill. bbl.	580	741	809	862	826	964	901	911	930

NA Not available.

¹ Preliminary.² Source: U.S. Bureau of the Census, *FT 135*, monthly, and *FT 410*, monthly.³ Source: American Petroleum Institute, Washington, D.C., unpublished data.⁴ Source: U.S. Energy Information Administration, *Trends in Refinery Capacity and Utilization*, annual.⁵ Crude runs as percent of domestic capacity.⁶ Data from Platt's Oilgram Price Service.Source: Except as noted, through 1976, U.S. Bureau of Mines, *Minerals Yearbook*; thereafter, U.S. Energy Information Administration, *Energy Data Reports*, and *Petroleum Refineries in the United States and U.S. Territories*, annual.

No. 1320. PETROLEUM—RUNS TO STILLS AND REFINERY PRODUCTS, BY TYPE: 1965 TO 1980

[In millions of barrels, except percent. Barrels of 42 gallons, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series M 162-77]

PRODUCT	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, prel.	PERCENT		
											1970	1975	1980, prel.
Input	3,560	4,290	4,891	4,751	4,627	5,197	5,602	5,646	5,581	5,117	100.0	100.0	100.0
Crude petroleum.....	3,301	3,968	4,537	4,429	4,541	4,910	5,330	5,379	5,346	4,929	92.5	94.1	96.3
Domestic.....	2,848	3,485	3,360	3,169	3,047	2,989	2,932	3,100	3,018	3,019	81.2	63.1	59.0
Foreign.....	453	482	1,177	1,260	1,494	1,921	2,398	2,280	2,328	1,910	11.2	31.0	37.3
Natural gas liquids ¹	227	284	308	285	273	279	264	252	202	188	6.6	5.7	3.7
Output	3,639	4,421	5,057	4,927	4,995	5,372	5,794	5,828	5,753	5,336	100.0	100.0	100.0
Gasoline.....	1,693	2,100	2,399	2,336	2,393	2,503	2,566	2,630	2,508	2,387	47.5	48.0	44.7
Distillate fuel oil.....	765	896	1,029	974	968	1,070	1,156	1,151	1,151	990	20.3	19.4	18.6
Residual fuel oil.....	269	258	355	390	451	504	600	609	616	596	5.8	9.0	11.2
Jet fuel.....	191	302	314	305	318	336	355	364	369	365	6.8	6.4	6.8
Petrochemical feedstocks.....	58	100	133	135	122	164	193	223	252	239	2.3	2.4	4.5
Still gas ²	139	164	177	176	175	181	191	200	205	197	3.7	3.5	3.7
Asphalt ³	124	147	168	164	144	140	154	173	169	141	3.3	2.9	2.6
Coke (5 bbl.=1 sh. ton).....	86	108	132	124	128	130	135	135	137	135	2.4	2.6	2.5
Liquefied refinery gases.....	107	117	128	117	109	119	122	125	121	119	2.6	2.2	2.2
Kerosene.....	93	95	79	57	55	56	62	56	67	50	2.1	1.1	.9
Other finished products.....	244	134	143	149	131	169	180	167	158	117	3.0	2.6	2.2
Shortage ⁴ and other oils (net).....	80	131	165	175	168	175	191	181	192	219	3.0	3.4	4.1

¹ Includes other liquid hydrocarbon.² 1 barrel=3,600 cu. ft.³ 5.5 barrels=1 sh. ton.⁴ Negative quantities.Source: U.S. Energy Information Administration, *Energy Data Reports*, *Petroleum Statement*, annual.

Mining and Mineral Products

No. 1321. CRUDE PETROLEUM AND NATURAL GAS—WELLS DRILLED, FOOTAGE, AND DRILLING COST, BY TYPE OF WELL: 1960 TO 1979

[Includes all costs incurred for drilling and equipping wells to point of completion as productive wells or abandonment after drilling becomes unproductive. Based on sample of operators of different size drilling establishments]

ITEM AND YEAR	WELLS DRILLED		Footage drilled (mil. ft.)	DRILLING COST (mil. dol.)		Average depth per well (ft.)	AVERAGE COST PER WELL (\$1,000)		Average cost per ft. (dol.)
	Total	Offshore		Total	Offshore		Total	Offshore	
All wells: 1960	44,133	538	186.4	2,424	208	4,223	55	386	13.01
1965.....	39,596	1,037	178.7	2,401	428	4,513	61	413	13.44
1970.....	27,177	1,058	136.9	2,579	599	5,037	95	566	18.84
1975	36,960	1,028	177.6	6,571	1,174	4,806	178	1,142	36.99
1978.....	46,655	1,197	230.6	13,061	2,577	4,943	280	2,153	56.63
1979.....	48,523	1,260	237.5	16,079	3,207	4,894	331	2,545	67.70
Oil wells: 1960	21,294	301	84.0	1,111	98	3,946	52	326	13.22
1965.....	18,857	487	76.5	1,067	193	4,059	57	398	13.94
1970.....	12,547	533	56.4	1,086	282	4,496	87	528	19.29
1975	16,276	283	66.1	2,257	253	4,059	139	892	34.15
1978.....	17,790	298	74.4	3,700	543	4,182	208	1,822	49.72
1979.....	19,243	349	80.3	4,679	695	4,170	243	1,991	58.29
Gas wells: 1960	5,262	87	29.1	540	53	5,526	103	806	18.58
1965.....	4,772	118	26.5	486	87	5,552	102	571	18.35
1970.....	3,844	193	23.1	618	139	6,007	161	720	26.75
1975	7,654	271	43.4	2,005	338	5,667	262	1,247	46.23
1978.....	13,306	419	72.8	4,979	983	5,472	374	2,345	68.37
1979.....	14,079	453	77.3	6,238	1,228	5,493	443	2,710	80.66
Dry holes: 1960	17,577	150	73.3	774	57	4,168	44	377	10.56
1965.....	15,867	432	75.7	849	167	4,739	53	387	11.21
1970.....	10,786	332	57.4	873	178	5,320	81	536	15.21
1975	13,030	474	68.2	2,309	584	5,234	177	1,232	33.86
1978.....	15,558	480	83.4	4,382	1,052	5,359	282	2,191	52.55
1979.....	15,201	458	79.9	5,162	1,284	5,256	340	2,805	64.60

Source: American Petroleum Institute, Independent Petroleum Association of America, and Mid-Continent Oil and Gas Association, *Joint Association Survey of the U.S. Oil and Gas Producing Industry*, annual.

No. 1322. PETROLEUM INVENTORIES AT THE BEGINNING OF PEAK SEASONS: 1970 TO 1980

FUEL	Unit	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Petroleum, total (Sept. 30).....	Mil. bbls.....	1,010	1,083	1,046	1,016	1,114	1,147	1,192	1,304	1,263	1,309	1,447
	Days' supply ¹	72.6	75.8	67.9	60.3	68.3	72.7	71.4	73.4	69.9	74.5	90.0
Motor gasoline (Mar. 31).....	Mil. bbls.....	235.2	245.7	237.2	207.7	220.3	245.7	238.1	262.2	259.6	240.1	282.7
	Days' supply ¹	43.7	44.4	39.8	32.7	36.6	40.0	36.3	36.8	37.4	33.8	43.9
Distillate fuel oil (Sept. 30).....	Mil. bbls.....	205.7	210.1	195.3	190.2	208.3	220.8	232.3	252.8	220.7	220.4	232.3
	Days' supply ¹	116.3	112.6	94.7	75.6	89.3	102.8	98.1	96.1	82.9	83.0	100.6
Residual fuel oil (Sept. 30).....	Mil. bbls.....	53.9	66.5	63.7	55.1	60.3	76.9	76.4	87.5	81.3	87.8	87.9
	Days' supply ¹	29.0	34.5	28.9	21.1	24.2	34.4	29.6	29.9	29.0	34.6	38.0

¹ Days' supply is derived by dividing inventories by previous three month average daily consumption (products supplied). Source: U.S. Energy Information Administration, *Petroleum Statement*, annual.

No. 1323. OIL AND GAS LEASES AND PRODUCTION ON THE OUTER CONTINENTAL SHELF, BY STATES: 1978 TO 1980

[Barrels of 42 gallons. For years ending Sept. 30. Covers leases made in ocean waters belonging to the U.S. and subject to its jurisdiction and control under provisions of the Outer Continental Shelf Lands Act. See also table 388]

STATE	LEASES			ACRES (1,000)			OIL PRODUCTION (mil. bbl.)			GAS PRODUCTION (bil. cu. ft.)		
	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980
Total	2,110	2,211	2,175	10,072	10,602	10,347	291.6	290.1	284.5	4,252	4,628	4,707
Alabama.....	8	5	5	45	29	28	-	-	-	-	-	-
Alaska.....	163	131	113	904	735	572	-	-	-	-	-	-
California.....	108	148	142	577	789	761	12.3	11.1	10.2	3	3	3
Florida.....	35	35	35	202	202	202	-	-	-	-	-	-
Louisiana.....	1,267	1,320	1,313	5,465	5,735	5,986	278.4	274.9	266.3	4,093	4,152	4,114
Mississippi.....	4	-	-	23	-	-	-	-	-	-	-	-
Texas.....	389	397	335	2,081	2,117	1,777	9	4.1	8.0	156	474	590
Offshore Atlantic.....	136	175	232	774	996	1,321	-	-	-	-	-	-

- Represents zero.

Source: U.S. Bureau of Land Management, *Public Land Statistics*, annual.

NO. 1324. PETROLEUM INDUSTRY—EXPENDITURES FOR NEW PLANT AND EQUIPMENT, BY FUNCTION:
1960 TO 1981

[In billions of dollars]

EXPENDITURE FUNCTION	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981 ¹
Total.....	2.9	3.9	5.2	4.7	7.3	9.6	10.8	12.7	13.9	16.2	20.7	25.2
Production.....	1.6	2.0	2.0	2.2	3.6	4.6	5.2	6.4	7.4	8.3	11.3	13.4
Refining and petrochemicals.....	.5	.8	1.3	.9	2.0	2.6	3.2	3.3	3.3	4.3	4.6	5.8
Marketing.....	.5	.7	1.0	.6	.5	.5	.6	.7	.7	.9	.9	.8
Transportation.....	.2	.2	.4	.3	.4	.8	.9	.9	.6	.7	1.0	1.1
Other.....	.1	.2	.5	.6	.9	1.1	1.0	1.4	1.9	2.1	2.8	4.1

¹ Estimates are based on planned capital expenditures reported in late January and February 1981.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, March issues.

NO. 1325. CRUDE PETROLEUM AND NATURAL GAS—SALES VOLUME AND LEASE REVENUES, 1967 TO 1979, AND DRILLING EXPENDITURES AND EMPLOYMENT, 1973 TO 1979

[Figures on a gross operator basis, under which individual companies responsible for management and operation of oil and gas field leases reported on all properties operated for their own account and account of others. Lease revenues represent revenues generated from sales of either crude petroleum or natural gas, comparable to sales volume reported and including production payment, royalty, and nonoperating working interest shares]

ITEM AND YEAR	All compa- nies, total	COMPANIES RANKED BY LEASE REVENUES					PERCENT OF TOTAL		
		Top 8	Next 8	Next 16	Top 50	Top 100	Top 8	Top 16	Top 32
Sales volume of—									
Crude petroleum (mil. bbl.):¹									
1967	3,044	1,647	517	283	2,552	2,658	54	71	80
1972	3,378	1,818	613	317	2,852	2,977	54	72	81
1973	3,348	1,802	619	299	2,840	2,964	54	72	81
1974	3,159	1,708	581	281	2,693	2,811	54	72	82
1975	3,086	1,654	553	282	2,626	2,753	54	72	81
1976	2,905	1,482	588	270	2,436	2,585	51	71	80
1977	2,996	1,498	602	303	2,531	2,679	50	70	80
1978	3,109	1,475	712	314	2,625	2,746	47	70	80
1979	2,992	1,488	634	279	2,501	2,631	50	71	80
Natural gas (bil. cu. ft.):									
1967	17,126	7,904	3,105	2,551	14,377	15,560	46	64	79
1972	21,902	10,607	3,546	2,800	18,170	19,446	48	65	77
1973	22,315	11,322	3,578	2,703	18,505	19,851	51	67	79
1974	21,678	9,861	4,065	2,629	17,539	19,098	45	64	75
1975	20,455	8,898	3,864	2,391	16,207	17,661	44	62	74
1976	19,902	8,727	3,515	2,598	15,906	17,273	44	62	75
1977	19,195	8,377	3,111	2,573	15,381	16,784	44	60	73
1978	19,170	8,144	2,874	2,746	15,207	16,673	42	57	72
1979	19,614	7,361	3,031	3,753	15,665	17,135	38	53	72
Lease revenues for—									
Crude petroleum (mil. dol.):¹									
1967	8,800	4,899	1,475	730	7,456	7,763	56	72	81
1972	11,332	6,194	2,024	1,053	9,608	10,018	55	73	82
1973	13,040	7,036	2,448	1,136	11,103	11,601	54	73	81
1974	20,938	11,205	3,708	1,812	17,495	18,345	54	71	80
1975	22,852	11,961	3,948	1,915	18,900	19,978	52	70	78
1976	22,936	11,537	4,279	2,004	18,673	19,951	50	69	78
1977	24,834	11,967	4,412	2,732	20,203	21,576	48	66	77
1978	27,003	12,609	5,370	2,968	22,081	23,314	47	67	78
1979	35,950	16,769	7,326	3,426	28,828	30,570	47	67	77
Natural gas (mil. dol.):									
1967	2,888	1,341	501	419	2,438	2,640	46	64	78
1972	4,317	2,062	687	591	3,596	3,843	48	64	77
1973	5,064	2,493	794	634	4,180	4,494	49	65	77
1974	6,726	3,036	1,238	777	5,400	5,894	45	64	75
1975	8,929	3,859	1,618	1,048	7,018	7,755	43	61	73
1976	12,099	4,813	1,989	1,558	9,251	10,168	40	56	69
1977	16,241	6,662	2,397	2,341	12,723	14,036	41	56	70
1978	19,126	7,441	2,683	2,945	14,575	16,415	39	53	68
1979	24,285	8,335	3,594	4,733	18,742	20,944	34	49	69
Drilling expenditures (mil. dol.):²									
1973	3,194	1,095	367	344	2,202	2,529	36	48	58
1974	4,607	1,338	585	529	2,711	3,388	29	42	53
1975	6,507	1,866	815	838	3,932	4,719	29	41	54
1976	8,071	2,706	958	1,036	5,475	6,184	34	45	58
1977	10,109	3,081	1,234	1,204	6,355	7,405	30	43	55
1978	12,904	3,944	1,732	1,580	8,290	9,723	31	44	56
1979	16,824	4,201	2,757	2,473	10,397	12,097	25	41	56
Employment (1,000):									
1973	124	38	18	13	74	81	31	45	55
1974	125	38	16	16	75	83	30	43	56
1975	137	40	18	15	79	88	29	42	53
1976	136	43	18	15	81	90	31	44	55
1977	133	42	17	15	81	91	32	44	56
1978	144	46	19	15	86	100	32	45	56
1979	157	45	22	18	91	103	29	43	54

¹ Includes condensate. ² Represents expenditures incurred during the year for drilling and equipping wells.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, MA-13K-1, *Annual Survey of Oil and Gas*.

**NO. 1326. OWNERSHIP AND OPERATION OF U.S. CRUDE OIL AND NATURAL GAS RESERVES AND
PRODUCTION BY OPERATOR-SIZE GROUPS: 1978 and 1979**

[In percent. The survey frame was comprised of operators only; firms and persons who were owners only, and who did not operate any properties, were not included. Approximately 90 percent of the total estimated crude oil reserves were reported on an ownership basis]

OPERATOR GROUPS, BY SIZE OF RESERVES	CRUDE OIL RESERVES				NATURAL GAS RESERVES			
	Ownership basis		Operated basis		Ownership basis		Operated basis	
	Re-serves	Pro-duction	Re-serves	Pro-duction	Re-serves	Pro-duction	Re-serves	Pro-duction
8 Largest: 1978	57.1	46.1	60.8	47.7	42.9	37.9	44.3	39.1
1979	57.4	46.6	60.2	49.6	42.1	35.1	43.7	36.7
20 Largest: 1978	79.9	70.8	83.8	74.5	64.8	62.9	67.0	64.8
1979	79.3	72.0	83.2	76.0	64.0	59.9	66.1	63.3
50 Largest: 1978	85.2	78.1	90.0	83.1	77.2	74.2	82.2	78.5
1979	84.4	78.1	89.0	83.8	75.9	71.1	81.0	77.3
100 Largest: 1978	87.4	81.0	92.2	87.1	82.4	80.4	88.5	85.4
1979	86.2	80.6	91.2	87.0	81.5	77.5	87.7	84.7

Source: U.S. Energy Information Administration, *U.S. Crude Oil and Natural Gas Reserves*, annual.

**NO. 1327. U.S. DIRECT INVESTMENT ABROAD IN MINING AND SMELTING AND IN PETROLEUM—VALUE,
1970 TO 1980, AND INCOME, 1980, BY REGION AND COUNTRY**

[In millions of dollars. Minus sign (—) denotes loss. See also *Historical Statistics, Colonial Times to 1970*, series U 41-46]

REGION AND COUNTRY	DIRECT INVESTMENT POSITION (at yearend)								INCOME 1980 ¹	
	Mining and smelting				Petroleum				Min- ing, smelt- ing	Petro- leum
	1970	1975	1979	1980 ¹	1970	1975	1979	1980 ¹		
All areas	5,405	6,548	5,941	6,493	19,754	25,972	38,744	46,920	1,376	13,022
Developed countries	3,286	4,398	4,195	4,487	11,205	20,129	30,220	34,173	1,022	8,566
Canada	2,574	3,053	2,854	2,997	4,337	8,220	8,648	10,573	604	2,093
Europe	36	41	34	37	5,481	11,165	17,755	19,924	12	5,856
Japan	—	—	—	—	525	1,313	1,906	1,566	—	175
Australia, New Zealand, and South Africa	675	1,305	1,307	1,453	863	1,430	1,910	2,110	405	532
Developing countries	2,119	2,150	1,746	2,006	6,644	2,519	6,093	(d)	354	4,112
Latin America	1,712	1,476	1,191	1,408	2,703	3,324	3,948	4,336	293	963
Other Africa	340	488	443	465	1,750	1,336	1,730	2,210	(d)	1,244
Middle East ²	(z)	5	(d)	(d)	1,265	-4,888	-2,086	(d)	—	-338
Other Asia and Pacific	67	181	(d)	(d)	926	2,746	2,481	2,771	(d)	2,243
International	(x)	(x)	(x)	(x)	1,905	3,323	2,432	(d)	(x)	344

— Represents zero. D Withheld to avoid disclosure of individual companies. X Not applicable. Z Less than \$500,000. ¹ Preliminary. ² Includes Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Neutral Zone, Qatar, Saudi Arabia, South Yemen, Syria, Oman, United Arab Emirates, and Yemen. Data for 1970 and 1975 are based on the 1966 benchmark survey; data for 1979 and 1980 are based on the 1977 benchmark survey. See *Survey of Current Business*, August 1980.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August 1981, and supplement titled *Revised Data Series on U.S. Direct Investment Abroad, 1966-78*.

NO. 1328. FOREIGN DIRECT INVESTMENT IN PETROLEUM IN THE UNITED STATES: 1974 TO 1980

[In millions of dollars]

YEAR	Petro- leum invest- ment	Income from invest- ment	AREA	INVESTMENT		INCOME	
				1979	1980	1979	1980
1974	5,614	579	Canada	943	1,137	112	137
1975	6,213	714	Europe	8,010	9,884	1,708	2,708
1976	5,921	803	Japan	160	52	38	(d)
			Australia, New Zealand, and So. Africa	-2	-3	—	—
1977	6,573	836					
1978	7,762	1,239	Latin America	772	1,140	178	(d)
1979	8,906	2,037	Middle East	1	4	(z)	(z)
1980	12,253	3,281	Africa, ¹ Asia, and Pacific	23	38	(z)	(z)

— Represents zero. D Withheld to avoid disclosing figures for individual companies. Z Less than \$500,000. ¹ Excludes South Africa.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August issues.

NO. 1329. CRUDE PETROLEUM AND NATURAL GAS—PRODUCTION, BY STATES: 1966 TO 1980

[See *Historical Statistics, Colonial Times to 1970*, series M 136 and M 142 for petroleum production, and series M 147-161 for natural gas production]

STATE	PETROLEUM PRODUCTION (mil. bbl.)							NATURAL GAS MARKETING PRODUCTION (bil. cu. ft.)						
	1966-1970, avg.	1971-1975, avg.	1976-1980, avg.	1975	1978	1979	1980	1966-1970, avg.	1971-1975, avg.	1976-1980, avg.	1975	1978	1979	1980
Total	3,292	3,306	3,085	3,057	3,178	3,121	3,147	19,464	21,876	20,114	20,109	19,974	20,471	20,145
Ala.....	8	11	19	13	20	19	22	(Z)	16	75	38	88	86	106
Alaska.....	53	73	357	70	449	511	592	41	134	201	160	203	221	226
Ark.....	21	17	19	16	20	19	18	146	147	108	116	107	109	112
Calif.....	365	337	346	322	347	352	357	683	447	298	318	311	248	264
Colo.....	30	34	35	38	37	32	30	120	136	187	172	184	191	186
Fla.....	2	27	47	42	48	47	42	(Z)	27	48	44	52	50	46
Ill.....	54	32	24	26	23	22	23	(NA)	5	1	(NA)	1	2	(NA)
Ind.....	9	6	5	5	5	5	5	(Z)	(Z)	(NA)	(Z)	(Z)	(Z)	(NA)
Kans.....	94	68	58	59	57	57	60	888	880	799	844	854	798	732
Ky.....	14	9	6	8	6	6	6	83	66	(NA)	61	70	80	(NA)
La.....	804	809	532	651	533	490	467	6,446	7,828	7,180	7,081	7,476	7,266	6,937
Mich.....	13	16	33	24	35	35	33	37	55	142	102	148	160	153
Miss.....	60	56	40	47	42	37	37	138	95	114	74	107	144	165
Mont.....	40	34	31	33	30	30	30	32	44	49	41	47	54	54
Nebr.....	13	8	6	6	6	6	6	8	3	(NA)	3	3	3	(NA)
N. Mex.....	127	105	83	95	83	80	75	1,101	1,213	1,186	1,217	1,174	1,181	1,142
N. Dak.....	24	21	26	20	25	31	40	39	30	30	25	30	18	41
Ohio.....	11	9	11	10	11	12	13	46	88	(NA)	85	114	123	(NA)
Okl.....	225	190	153	163	150	144	152	1,455	1,701	1,800	1,605	1,774	1,835	1,892
Texas.....	1,142	1,261	1,079	1,222	1,074	1,018	975	7,570	8,276	7,027	7,486	6,548	7,175	7,189
Utah.....	24	33	31	42	31	28	26	51	46	83	55	58	59	81
W. Va.....	3	3	(NA)	2	2	2	2	227	203	152	154	149	151	152
Wyo.....	146	141	134	136	137	132	129	275	351	362	316	357	414	382
Other.....	9	6	7	6	7	6	7	95	88	293	100	120	122	306

NA Not available. Z Less than 500 million cubic feet.

Source: Through 1975, U.S. Bureau of Mines, *Minerals Yearbook*; thereafter, U.S. Energy Information Administration, *Energy Data Reports, Natural Gas Production and Consumption*, annual, and *Crude Petroleum, Petroleum Products, and Natural Gas Liquids*, annual.

NO. 1330. NATURAL GAS—SUPPLY, PRODUCTION, CONSUMPTION, RESERVES, AND MARKETING PRODUCTION: 1965 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series M 147-161]

ITEM	Unit	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Producing wells (yearend).....	1,000.....	112	117	124	126	132	138	148	157	170	(NA)
Production value at wells ¹	Mil. dol.....	2,202	3,748	4,892	6,567	8,948	11,572	15,820	18,076	24,115	29,956
Avg. per 1,000 cu. ft.....	Cents.....	15.6	17.1	21.6	30.4	44.5	58.0	79.0	90.5	117.8	149.1
Proved reserves ²	Tril. cu. ft.....	286	291	250	237	228	216	209	200	195	(NA)
Total supply	Bil. cu. ft.	17,456	24,200	25,213	24,260	22,821	22,837	22,786	23,097	23,772	23,220
Marketed production ¹	Bil. cu. ft.	16,040	21,921	22,647	21,601	20,109	19,952	20,025	19,974	20,471	20,145
Drawn from storage.....	Bil. cu. ft.	980	1,459	1,533	1,701	1,760	1,921	1,750	2,158	2,047	2,081
Imports ³	Bil. cu. ft.	456	821	1,033	959	953	964	1,011	966	1,253	994
Consumption, total.....	Bil. cu. ft.	15,280	21,139	22,049	21,223	19,538	19,946	19,521	19,627	20,241	20,016
Residential.....	Bil. cu. ft.	3,903	4,837	4,879	4,786	4,924	5,051	4,821	4,903	4,965	4,799
Commercial ⁴	Bil. cu. ft.	1,444	2,399	2,597	2,556	2,508	2,668	2,501	2,601	2,786	2,703
Industrial.....	Bil. cu. ft.	7,112	9,249	10,185	9,769	8,365	8,598	8,474	8,405	8,398	8,241
Lease and plant fuel.....	Bil. cu. ft.	1,156	1,399	1,496	1,477	1,396	1,634	1,659	1,648	1,499	1,465
Other industrial.....	Bil. cu. ft.	5,955	7,851	8,889	8,292	6,968	6,984	6,815	6,757	6,899	6,776
Electric utilities.....	Bil. cu. ft.	2,321	3,932	3,660	3,443	3,158	3,081	3,191	3,188	3,491	3,680
Transportation ⁵	Bil. cu. ft.	501	722	728	669	583	548	533	530	601	594
Exports.....	Bil. cu. ft.	26	70	77	77	73	65	56	53	58	55
Stored.....	Bil. cu. ft.	1,078	1,857	1,974	1,784	2,104	1,756	2,307	2,278	2,295	2,026
Adjustments.....	Bil. cu. ft.	319	228	196	289	235	216	41	287	32	272
World production (dry).....	Tril. cu. ft.	24.54	37.54	43.04	44.04	44.74	47.36	49.53	51.75	54.35	(NA)
Percent U.S. of world.....	Percent.....	65.4	58.4	50.5	47.0	43.0	40.3	38.7	36.9	35.9	(NA)

NA Not available. ¹ Net marketed production comprises gas sold or consumed by producers, including loss due to natural gas liquids recovery, losses in transmission, amounts added to storage, and increases in gas in pipelines. ² Estimated, end of year. Source: American Gas Association, Arlington, Va. (Copyright.) ³ Beginning 1970, includes imports of liquefied natural gas.

⁴ Beginning 1970, includes deliveries to municipalities and public authorities for institutional heating and other purposes.

⁵ Pipeline fuel.

⁶ Source: U.S. Dept. of the Interior, *Energy Perspectives* 2, June 1976.

Source: Except as noted, U.S. Energy Information Administration, *Natural Gas Production and Consumption*, annual, and *International Energy*, annual.

No. 1331. NATURAL GAS PLANT LIQUIDS—PRODUCTION AND VALUE: 1960 TO 1979

[Barrels of 42 gallons. 1960 excludes Alaska. See also *Historical Statistics, Colonial Times to 1970*, series M 143-146]

ITEM	Unit	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total produced.....	Mil. bbl.....	340	442	606	638	634	616	596	587	590	572	578
Natural gasoline and mixtures..	Mil. bbl.....	107	130	185	164	161	148	134	129	133	126	105
Liquefied petroleum gases (incl. ethane).....	Mil. bbl.....	201	268	400	445	447	448	444	437	443	432	444
Unfractionated stream (net) and other.....	Mil. bbl.....	32	44	41	29	26	20	18	17	14	14	28
All light products:												
Average value.....	Dol. per bbl.....	2.39	2.06	2.10	2.28	2.93	5.01	4.65	5.59	6.85	7.85	(NA)
Average yield.....	Gal. per 1,000 cu ft.....	1.46	1.35	1.37	1.34	1.35	1.38	1.42	1.39	1.41	1.41	1.47
Natural gas processed.....	Tril. cu ft.....	10	14	19	20	20	19	18	18	18	17	16

NA Not available.

Source: Through 1976, U.S. Bureau of Mines, *Minerals Yearbook*; thereafter, U.S. Energy Information Administration, *Energy Data Reports, Petroleum Statement*, annual.

No. 1332. COAL AND COKE—SUMMARY: 1960 TO 1980

[Includes coal consumed at mines. Demonstrated coal reserve base for United States on Jan. 1, 1976, was 439 billion tons. Recoverability varies between 40 and 90 percent for individual deposits; 50 percent or more of overall U.S. coal reserve base is recoverable. See also *Historical Statistics, Colonial Times to 1970*, series M 93-126]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980 ¹
COAL²											
Total production.....	Mil. sh. tons...	434	527	613	610	655	685	697	670	781	835
Value.....	Mil. dol.....	2,098	2,398	3,878	9,631	12,671	13,399	13,908	14,664	18,427	21,801
World production.....	Mil. sh. tons...	2,899	3,079	3,295	3,457	3,617	3,720	3,839	3,915	4,117	(NA)
Bituminous:											
Number of mines.....	Number.....	7,865	7,228	5,601	5,247	6,168	6,161	6,077	6,229	6,150	6,000
Production.....	Mil. sh. tons...	416	512	603	603	648	679	691	665	776	830
Value, total.....	Mil. dol.....	1,950	2,276	3,773	9,486	12,472	13,189	13,705	14,486	18,243	21,580
Average per ton.....	Dollars.....	4.69	4.44	6.26	15.75	19.23	19.43	19.82	21.78	23.50	26.00
Method of mining:											
Underground.....	Mil. sh. tons...	285	333	339	277	292	295	266	242	320	334
Surface.....	Mil. sh. tons...	131	179	264	326	356	384	425	423	456	495
Percent of total production..	Percent.....	31.4	35.1	43.8	54.0	54.8	56.6	61.5	63.6	58.7	59.7
Exports.....	Mil. sh. tons...	37	50	71	60	66	59	54	40	65	90
Value.....	Mil. dol.....	332	465	951	2,420	3,233	2,886	2,626	2,004	3,400	4,627
Imports.....	1,000 sh. tons...	260	184	36	2,080	940	1,203	1,647	2,953	2,059	1,194
Value ³	Mil. dol.....	2	2	(Z)	58	22	18	39	75	69	43
Consumption ⁴	Mil. sh. tons...	380	459	516	553	556	599	620	621	667	702
Electric power utilities.....	Mil. sh. tons...	174	243	319	390	404	447	478	480	526	568
Industrial.....	Mil. sh. tons...	173	197	184	154	146	145	138	133	144	128
Average men employed ⁵	1,000.....	169	134	140	167	190	202	221	242	227	245
Average days worked.....	Number.....	191	219	228	206	232	232	210	166	206	225
Average tons per man:											
Per day.....	Tons.....	12.83	17.52	18.84	17.58	14.74	14.46	14.84	14.68	15.23	15.09
Per year.....	Tons.....	2,453	3,829	4,296	3,848	3,420	3,355	3,235	2,952	3,137	3,395
Production, by State:											
Alabama.....	Mil. sh. tons...	13.0	14.8	20.6	19.8	22.6	21.5	21.5	20.6	23.8	26.4
Illinois.....	Mil. sh. tons...	46.0	58.5	65.1	58.2	59.5	58.2	53.5	48.6	59.5	62.5
Indiana.....	Mil. sh. tons...	15.5	15.8	22.3	23.7	25.1	25.4	27.8	24.2	27.5	30.9
Kentucky.....	Mil. sh. tons...	68.9	85.8	125.3	137.2	143.6	144.0	146.3	135.7	149.8	150.1
Ohio.....	Mil. sh. tons...	34.0	39.4	55.4	45.4	46.8	46.8	47.9	41.2	43.5	39.4
Pennsylvania.....	Mil. sh. tons...	65.4	80.3	80.5	80.5	84.1	85.8	84.6	81.5	89.2	87.1
Virginia.....	Mil. sh. tons...	27.8	34.1	35.0	34.3	35.5	40.0	37.6	31.9	37.0	41.0
West Virginia.....	Mil. sh. tons...	118.9	149.2	144.1	102.5	109.3	108.8	95.4	85.3	112.4	121.8
Wyoming.....	Mil. sh. tons...	2.0	3.3	7.2	20.7	23.8	30.8	46.0	58.3	71.8	84.9
Other States.....	Mil. sh. tons...	25.0	31.3	47.4	61.1	98.1	117.6	130.7	137.8	161.5	176.1
COKE											
Production ⁶	Mil. sh. tons...	57.2	66.9	66.5	61.6	57.2	58.3	53.5	49.0	52.9	46.1
Value of coke ⁷	Mil. sh. tons...	56.2	65.2	65.7	60.7	56.5	57.7	53.1	49.0	52.9	46.1
Value of product at plant.....	Mil. dol.....	1,392	1,429	2,193	5,262	5,261	5,941	5,596	6,557	6,662	(NA)
Coke and breeze.....	Mil. sh. tons...	1,075	1,118	1,099	4,609	4,607	5,021	4,653	5,695	5,459	(NA)
Avg. market value per ton.....	Dollars.....	16.31	16.84	27.71	73.24	84.34	86.07	84.56	97.06	97.58	(NA)
Coal charged.....	Mil. sh. tons...	81.4	95.3	95.5	90.2	83.6	84.7	77.7	71.4	77.4	66.7
Average value per ton.....	Dollars.....	9.82	9.40	12.47	36.49	44.21	44.16	46.26	52.1	50.7	(NA)
Yield of coke from coal.....	Percent.....	70.3	70.4	69.1	69.3	68.4	68.9	68.8	68.6	68.4	69.2

NA Not available. Z Less than \$500,000. ¹ Preliminary. ² Relates to mines having an output of 1,000 tons a year or more, including lignite and small output of anthracite produced outside Pennsylvania. ³ Bituminous coal and lignite only; anthracite not available. ⁴ Includes some categories not shown separately. ⁵ Average number of men working daily. ⁶ Includes beehive coke. ⁷ Prior to 1976, excludes screenings or breeze; thereafter, includes beehive and other nonrecoverable coke-oven operations.

Source: 1960 to 1976, U.S. Bureau of Mines, *Minerals Yearbook*; thereafter, U.S. Energy Information Administration, *Energy Data Reports, Weekly Coal Production and Coke and Chemicals Monthly*.

No. 1333. CEMENT, SAND AND GRAVEL, STONE AND GYPSUM: 1960 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series M 188-189 (for related data), M 190 (gypsum mined), M 193, and M 194 (for total quantity)]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Cement production ¹	Mil. sh. ton	62.8	73.1	76.1	87.6	82.9	69.7	74.5	80.1	85.5	85.9	76.8
Portland	Percent	95.5	95.5	98.1	95.4	95.9	95.8	95.6	95.3	95.2	95.6	95.9
Shipments ²	Mil. sh. ton	61.5	73.6	78.4	90.7	82.9	70.7	75.2	81.6	88.0	87.2	77.8
Portland	Mil. sh. ton	58.7	70.3	73.4	86.6	79.5	67.8	71.9	77.9	83.8	83.4	74.7
Value	Mil. dol.	1,104	1,245	1,366	2,017	2,221	2,220	2,576	3,000	3,623	4,061	3,689
Average per ton	Dollar	17.95	16.91	17.88	22.23	26.79	31.41	34.24	36.76	41.17	46.57	47.42
Imports	Mil. sh. ton	8	1.0	2.5	6.7	5.7	3.6	3.1	4.0	6.6	9.4	5.3
Value	Mil. dol.	10	14	34	104	102	71	67	94	191	302	196
Exports	1,000 sh. ton	35	141	123	268	199	417	343	236	55	149	186
World production (est.)	Mil. sh. ton	349	478	630	773	776	774	834	877	939	963	978
Sand and gravel:												
Sold or used by producers	Mil. sh. ton	710	908	944	984	905	789	885	929	996	979	794
Value	Mil. dol.	720	957	1,116	1,359	1,421	1,340	1,774	2,028	2,302	2,427	2,302
Average per ton	Dollar	1.01	1.05	1.18	1.38	1.57	1.79	2.00	2.18	2.31	2.47	2.90
Stone sold or used by producers	Mil. sh. ton	617	780	869	1,060	1,044	901	902	955	1,051	1,098	982
Limestone	Mil. sh. ton	451	555	626	775	752	665	663	707	786	812	723
Granite	Mil. sh. ton	43	60	87	121	119	95	94	109	122	123	119
Basalt and related rock	Mil. sh. ton	58	76	77	84	97	78	75	77	84	101	81
Other	Mil. sh. ton	65	89	79	80	76	63	70	62	59	62	59
Value	Mil. dol.	953	1,204	1,470	1,990	2,186	2,120	2,221	2,457	2,886	3,386	3,394
Crude gypsum: ³												
Active establishments ⁴	Number	96	113	108	112	116	110	117	115	116	113	122
Apparent supply	Mil. sh. ton	15.1	15.9	15.5	21.2	19.3	15.1	17.9	20.3	23.1	22.3	19.7
Mined	Mil. sh. ton	9.8	10.0	9.4	13.6	12.0	9.8	12.0	13.4	14.9	14.6	12.4
Imports for consumption	Mil. sh. ton	5.3	5.9	6.1	7.7	7.4	5.4	6.2	7.1	8.3	7.8	7.4
Exports	1,000 sh. ton	17	28	41	83	132	75	284	143	132	91	88
Calcined gypsum produced	Mil. sh. ton	8.6	9.3	8.4	12.6	11.0	9.2	11.0	12.6	14.0	14.5	11.8
Value	Mil. dol.	121	133	132	205	206	186	237	278	387	442	270
Gypsum products sold,												
value ⁵	Mil. dol.	361	420	353	638	623	514	655	911	1,248	1,392	1,242
Building uses, value	Mil. dol.	339	391	323	583	570	468	598	843	1,171	1,312	1,149

¹ Includes Puerto Rico; excludes Alaska except for imports and exports. ² Includes natural, slag, and hydraulic lime plants, not shown separately, except 1970 excludes slag cement. ³ Excludes byproduct gypsum. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. ⁴ Each mine, plant, or combination mine and plant is counted as 1 establishment. ⁵ Made from domestic, imported, and byproduct gypsum.

No. 1334. LIME—QUANTITY SOLD OR USED BY PRODUCERS: 1960 TO 1980

[In thousands of short tons, except as noted. Excludes Puerto Rico. See also *Historical Statistics, Colonial Times to 1970*, series M 191-192]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980, prel.
Active plants (number)	157	212	194	172	171	163	161	155	154	153
Quantity sold	12,935	16,794	19,747	21,606	19,133	20,229	19,947	20,443	20,945	19,009
Value (mil. dol.)	173	233	286	474	524	609	666	750	862	843
Per ton (dollars)	13.35	13.87	14.49	21.92	27.38	30.11	33.41	36.67	41.18	44.34

No. 1335. PHOSPHATE ROCK—SUMMARY: 1960 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series M 203-204]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Mine production	Mil. ton	60.9	84.3	125.5	155.8	187.5	170.1	184.0	191.2	204.8	231.4
P ₂ O ₅ content	Mil. ton	9.3	14.3	18.6	20.8	23.5	20.1	22.4	23.5	25.4	28.2
Marketable production	Mil. ton	19.6	29.5	38.7	45.7	48.8	49.2	52.1	55.2	56.9	60.0
P ₂ O ₅ content	Mil. ton	6.1	9.1	12.0	14.1	15.0	15.1	16.1	16.9	17.5	18.4
Value	Mil. dol.	117.0	193.3	203.2	501.4	1,122.2	949.4	821.7	928.9	1,045.7	1,256.9
Per ton	Dollars	5.97	6.55	5.25	10.98	22.99	19.28	15.77	16.84	18.36	20.95
Imports ¹	Mil. sh. ton	.14	.15	.14	.18	.04	.05	.17	1.00	.98	.54
Value	Mil. dol.	3.8	3.0	3.8	9.0	1.6	2.2	6.1	24.4	21.6	12.9
Per ton	Dollars	26.07	20.14	27.87	49.45	43.83	43.59	35.02	24.38	22.04	23.99
Exports	Mil. sh. ton	4.5	7.3	11.7	19.9	12.3	10.4	14.6	14.2	15.8	15.7
P ₂ O ₅ content	Mil. sh. ton	1.4	2.3	3.8	4.5	4.0	3.3	4.7	4.5	5.1	5.0
Value	Mil. dol.	26.6	51.1	60.0	194.0	429.2	272.8	288.6	297.4	356.5	431.4
Per ton	Dollars	5.95	6.98	5.11	13.96	34.98	26.23	19.79	20.94	22.56	27.48
Consumption, apparent ²	Mil. sh. ton	14.9	21.9	27.2	34.7	34.2	34.3	37.3	40.6	43.6	45.0
World production	Mil. sh. ton	46.1	70.3	93.6	120.0	118.6	119.0	129.0	138.9	143.3	148.8

¹ For consumption; P₂O₅ content not available. ² Amount sold or used plus imports minus exports.

Source of tables 1333-1335: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1336. POTASH—SUMMARY: 1960 TO 1980

[In thousands of short tons, except value. See also *Historical Statistics, Colonial Times to 1970*, series M 201-202]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980
Production of potassium salts (marketable)	4,472	5,401	4,853	4,576	4,427	4,675	4,769	4,708	4,756
Approximate equivalent K ₂ O	2,638	3,140	2,729	2,501	2,400	2,457	2,483	2,453	2,468
Value ¹ (mil. dol.)	89.7	129.8	98.1	223.1	210.8	206.9	226.5	279.2	(NA)
Sales of potassium salts by producers	4,412	5,027	4,703	3,819	4,612	4,675	4,804	5,014	4,701
Approximate equivalent K ₂ O	2,602	2,931	2,689	2,094	2,500	2,460	2,543	2,632	2,444
Value at plant (mil. dol.)	88.4	121.2	92.4	187.9	210.8	206.9	226.5	279.2	353.9
Per ton (dollars)	20.04	24.10	19.64	49.19	45.70	44.22	47.15	55.68	75.28
Imports for consumption of potash materials	415	1,867	4,403	6,271	7,578	8,386	8,656	9,375	9,031
Approximate equivalent K ₂ O	226	1,108	2,605	3,797	4,594	5,076	5,189	5,693	5,481
Value (mil. dol.)	15.4	52.7	94.7	267.2	344.0	373.8	399.2	520.8	648.0
Exports of potash materials	833	1,099	966	1,419	1,670	1,650	1,577	1,233	1,421
Approximate equivalent K ₂ O	491	648	544	779	945	932	892	700	840
Value (mil. dol.)	25.9	42.5	28.5	92.7	91.9	90.2	88.6	79.5	153.1
Apparent consumption of potassium salts ²	3,994	5,795	8,140	8,671	10,517	11,405	11,782	13,156	12,312
Approximate equivalent K ₂ O	2,337	3,391	4,730	5,112	6,149	6,804	6,840	7,826	7,085
World production (marketable), approximate equivalent K ₂ O	10,000	15,100	20,013	27,269	26,765	27,730	28,851	28,586	30,722

NA Not available. ¹ Derived from reported value of amount sold or used. ² Amount sold or used plus imports minus exports.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1337. SULFUR—SUMMARY: 1960 TO 1980

[In thousands of long tons, except value. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1970*, series M 195-199]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Production, sulfur, all forms ¹	6,661	8,212	9,557	11,419	11,259	10,707	10,558	10,999	11,910	11,652
Sulfur from Frasch mines	5,037	6,116	7,082	7,901	7,211	6,284	5,822	5,559	6,257	6,289
Recovered elemental sulfur	767	1,215	1,457	2,632	2,969	3,138	3,567	3,998	4,006	3,982
Pyrites, sulfur content only	416	354	339	162	237	286	168	296	394	317
Gross weight of total pyrites	1,016	875	845	424	625	750	435	766	1,033	834
Byproduct sulfuric acid ²	345	388	537	654	767	942	945	1,086	1,148	987
Shipments, Frasch mines	5,130	7,251	6,504	7,898	6,077	5,880	5,935	5,645	7,388	7,283
Approximate value (mil. dol.)	118	165	154	241	305	300	295	280	449	721
Avg. value per long ton (dol.)	23.08	22.71	23.65	30.52	50.16	51.19	49.66	49.60	60.83	98.93
Imports for consumption:										
Crude sulfur	741	1,486	1,537	2,150	1,897	1,727	1,977	2,143	2,455	2,483
Pyrites, sulfur content ³	146	160	130	-	-	-	-	-	-	-
Exports, sulfur	1,787	2,635	1,433	2,663	1,352	1,270	1,178	852	2,012	1,754

- Represents zero. ¹ Includes other byproduct sulfur compounds, not shown separately. ² Represents sulfur content. Produced at copper, lead, and zinc plants. ³ Estimate.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1338. LEAD—SUMMARY: 1960 TO 1980

[In thousands of short tons, except as indicated. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports and as noted. See also *Historical Statistics, Colonial Times to 1970*, series M 242-248]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980, prel.
Smelter production of refined primary lead	382	418	567	573	636	653	605	623	634	603
Domestic ores and base bullion ¹	229	305	528	580	530	569	536	553	584	580
Foreign ores and base bullion	154	113	139	93	106	84	68	70	50	43
Recovery of secondary lead	470	576	597	699	658	727	835	848	883	745
Imports, general:										
Lead in pigs and bars	206	223	244	118	101	146	261	244	211	90
Lead in ores and matte	146	123	112	94	88	76	73	58	44	49
Exports of refined pig lead ²	2	8	8	62	21	6	10	9	12	181
Consumption of metal, primary and secondary	1,021	1,241	1,361	1,599	1,297	1,490	1,582	1,579	1,497	1,180
Average price, common lead:										
New York (cents per lb.)	11.95	16.00	15.69	22.53	21.53	23.10	30.70	33.65	52.64	42.46
London (cents per lb.)	9.04	14.37	13.76	26.83	18.73	20.46	28.00	29.86	54.52	41.21
Mine production of recoverable lead ³	247	301	572	664	621	610	592	584	579	606
Value ⁴ (mil. dol.)	58	94	179	299	267	282	364	394	610	514
World smelter production, est.	2,550	2,911	3,628	3,829	3,633	3,568	3,557	3,626	3,682	3,593
World smelter capacity	(NA)	(NA)	(NA)	5,235	6,938	5,190	5,255	5,230	5,241	(NA)

NA Not available. ¹ Excludes lead content of antimonial lead. ² Pigs, bars, and anodes. ³ Includes Alaska.

Source: U.S. Bureau of Mines, *Minerals Yearbook*, and *Mineral Facts and Problems*.

No. 1339. IRON ORE—SUMMARY: 1960 TO 1980

(In millions of long tons, except as indicated. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1970*, series M 205-211)

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Number of mines.....	247	183	74	66	67	65	54	51	49	37
Production ¹	88.8	87.4	89.8	84.4	78.9	80.0	65.8	81.6	85.7	69.6
Lake Superior.....	71.8	68.4	68.6	70.7	68.7	67.4	44.0	72.7	77.2	62.3
Northeastern.....	4.1	5.2	3.5	2.4	1.9	2.4	2.0	8.9	8.6	7.3
Western.....	4.6	² 13.1	14.3	10.5	9.6	10.1	9.8			
Hematite ³	² 68.1	47.0	33.6	24.1	19.2	19.3	11.5	15.9	13.9	11.8
Magnetite ³	18.2	36.9	53.8	58.8	58.4	59.3	43.1	64.8	71.0	57.8
Other.....	2.4	3.5	2.4	1.5	1.2	1.4	1.1	.8	.8	-
Shipments ⁵	83.0	84.1	87.2	85.1	75.7	77.1	54.1	83.2	86.2	69.6
Value ⁵ (mil. dol.).....	724	801	942	1,391	1,421	1,423	2,401	2,814	2,554	
Average per ton at mine (dol.).....	8.73	9.53	10.80	16.34	21.41	24.28	26.32	28.86	32.64	36.56
Stocks, Dec. 31 ⁶	12.3	12.7	15.3	9.4	12.3	14.0	14.8	12.4	11.3	10.6
Price (Lake Superior ores) Dec. 31:										
Natural ores, basis 51.5% Fe (dol./lg. ton).....	11.45	10.55	10.80	17.28	18.50	20.26	21.18	22.30	24.56	28.50
Imports ⁷	34.6	45.1	44.9	48.0	46.7	44.4	37.9	33.6	33.8	25.1
Value (mil. dol.).....	322	444	490	696	860	980	957	845	923	773
Exports.....	5.3	7.1	5.5	2.3	2.5	2.9	2.1	4.2	5.1	5.7
Value (mil. dol.).....	58	80	68	35	60	82	63	137	179	231
World production ⁸	514	611	754	879	902	885	828	835	897	874

- Represents zero. ¹ Includes Southeastern district and byproduct ore, not shown separately. Beginning 1976, Western includes byproduct ore and Northeastern includes Southeastern. ² Includes undistributed. ³ Predominant mineral. ⁴ Includes brown ore from Tenn., Mo., and Tex.; also magnetite from Calif., Utah, and Wyo. ⁵ Beginning 1976, includes byproduct ore. ⁶ At mines. ⁷ For consumption. ⁸ Estimated.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1340. GOLD AND SILVER—SUMMARY: 1950 TO 1980

[See *Historical Statistics, Colonial Times to 1970*, series M 268-269, for mine production]

ITEM	Unit	1950	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980, prel.
GOLD												
Ore produced ¹	1,000 sh. ton.....	3,584	2,267	3,113	3,687	4,598	5,722	3,063	5,806	4,292	7,046	9,512
Production, U.S.	Mil. fine oz.....	2.4	1.7	1.7	1.7	1.1	1.1	1.0	1.1	.9	.9	.9
Value.....	Mil. dol.....	84	58	60	69	180	170	131	163	193	298	583
Production, world.....	Mil. fine oz.....	28.3	37.8	46.2	47.5	40.1	38.5	39.0	38.9	39.0	38.8	38.8
Industrial consumption												
U.S., net.....	Mil. troy oz.....	2.8	3.0	5.3	6.0	4.7	4.0	4.6	4.9	4.7	4.8	3.2
Imports ²	Mil. dol.....	163	335	102	237	397	457	331	674	903	1,480	2,750
Exports.....	Mil. dol.....	514	2	1,285	38	228	493	375	1,113	1,114	4,908	3,648
Price per fine oz. ³	Dollars.....	35.0	35.0	35.0	38.4	159.7	161.5	125.3	148.3	193.6	307.5	612.6
Production: ⁴												
Nevada.....	1,000 fine oz.....	170	66	⁵ 205	480	299	333	288	324	261	250	274
South Dakota.....	1,000 fine oz.....	572	551	⁵ 656	579	344	305	319	305	286	246	267
Utah.....	1,000 fine oz.....	392	314	⁵ 389	408	255	190	187	211	236	281	180
SILVER												
Ore produced ¹ ⁶	1,000 sh. ton.....	1,060	988	958	934	758	919	1,821	1,457	1,840	1,822	1,069
Production, U.S.	Mil. fine oz.....	42	31	40	45	34	35	34	38	39	38	31
Value.....	Mil. dol.....	38	28	51	80	159	154	149	176	213	422	647
Production, world.....	Mil. fine oz.....	203	241	257	301	292	303	316	340	344	346	341
Industrial consumption												
U.S., net ⁷	Mil. fine oz.....	110	102	137	128	176	158	171	154	160	157	125
Imports ⁸	Mil. dol.....	79	54	63	104	502	331	329	356	389	962	1,606
Exports.....	Mil. dol.....	4	27	51	49	82	148	61	85	119	471	1,910
Price per fine oz. ³	Dollars.....	.91	.91	1.29	1.77	4.71	4.42	4.35	4.62	5.40	11.11	20.63
Production: ⁴												
Idaho.....	Mil. fine oz.....	16.0	17.8	⁵ 18.1	19.1	12.4	13.9	11.6	15.3	18.4	17.1	13.7
Arizona.....	Mil. fine oz.....	5.1	5.3	⁵ 6.1	7.3	6.4	6.3	7.6	6.8	6.6	7.5	5.7
Utah.....	Mil. fine oz.....	6.8	5.1	⁵ 5.2	6.0	3.2	2.8	3.1	3.3	2.9	2.5	2.1
Colorado.....	Mil. fine oz.....	3.3	2.1	⁵ 2.0	2.9	2.8	3.4	4.1	4.7	4.2	2.8	3.0

¹ Gold and silver are also produced from base-metal ores and placers. In 1975, those sources accounted for 38 percent of gold produced and 65 percent of silver. ² General imports, 1950-1977; imports for consumption, beginning 1978. ³ Selling price, except New York price for silver, beginning 1985. ⁴ Source, 1950-1985, U.S. Bureau of the Mint, *Annual Report of the Director*. ⁵ Refinery production. ⁶ Includes gold-silver ore. ⁷ Excludes coinage. ⁸ General imports, 1950-1970; thereafter, imports for consumption.

Source: Except as noted, U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1341. COPPER—SUMMARY: 1960 TO 1980

[In thousands of short tons, except as indicated. Excludes Hawaii and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1970*, series M 235-241]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980, prel.
New (primary) copper produced—										
Mines (from domestic ores).....	1,080	1,352	1,720	1,597	1,413	1,606	1,504	1,496	1,591	1,288
Copper ore produced ¹ (mil. sh. tons).....	135	173	258	293	263	284	260	264	292	241
Average yield of copper (percent).....	.73	.70	.59	.49	.47	.51	.52	.51	.49	.47
Smelters (from domestic ores).....	1,143	1,403	1,605	1,532	1,374	1,461	1,394	1,400	1,448	1,086
Percent of world total.....	23	23	24	19	17	17	16	16	16	13
Refineries (from domestic ores).....	1,121	1,336	1,521	1,421	1,286	1,423	1,411	1,463	1,556	1,237
From foreign ores, matte, etc., refinery.....	398	376	244	234	157	117	85	134	114	98
Total new refined, domestic and foreign.....	1,519	1,712	1,765	1,655	1,443	1,539	1,496	1,597	1,670	1,335
Secondary copper produced.....	871	1,253	1,248	1,344	972	1,145	1,198	1,375	1,711	1,584
Recovered from old scrap only.....	429	513	504	483	369	419	452	553	666	676
Imports (unmanufactured) ²	524	523	392	609	324	535	517	602	362	598
Refined.....	143	137	132	314	147	382	391	457	237	505
Exports (unmanufactured) ³	506	372	307	191	234	172	125	196	204	213
Refined exports of metallic copper.....	434	325	221	127	172	112	52	101	61	16
Stocks (producers, Dec. 31).....	359	281	470	425	511	580	459	374	354	354
Mine production of primary copper.....	1,080	1,352	1,720	1,597	1,413	1,606	1,504	1,496	1,591	1,288
Arizona.....	539	703	918	859	813	1,024	924	983	1,043	835
Montana.....	92	115	120	131	88	91	86	74	77	42
New Mexico.....	67	99	166	197	146	172	165	141	181	165
Utah.....	218	259	296	231	177	185	194	205	213	174
Other States.....	163	175	220	180	189	134	135	93	77	72
Avg. price, domestic production (cents per lb.).....	32.1	35.4	58.2	77.3	64.2	69.6	66.8	66.5	93.3	102.4
World smelter production.....	5,040	6,105	6,752	8,068	8,069	8,642	8,967	8,844	8,885	8,765
World smelter capacity.....	(NA)	(NA)	(NA)	9,260	(NA)	(NA)	(NA)	10,900	11,180	(NA)

NA Not available. ¹ Includes old tailings, smelted or retreated. Not comparable with mine production figures which include recoverable copper content of ores not classified as "copper." ² Includes copper imported for immediate consumption plus material entering country under bond. ³ Comprises copper in ores and concentrates, matte, refined, blister, and scrap.

No. 1342. MOLYBDENUM CONCENTRATES—SUMMARY: 1960 TO 1980

[In millions of pounds of contained molybdenum, except as indicated. See *Historical Statistics, Colonial Times to 1970*, series M 227-228, for production and exports of ores and concentrates]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, prel.
Production.....	68.2	77.4	111.4	115.9	112.0	106.0	113.2	122.4	131.8	144.0	150.7
Shipments from mines.....	69.9	77.3	110.4	135.1	118.2	105.2	114.5	125.0	130.7	143.5	149.3
Average price per pound ¹ (dol.).....	1.47	1.75	1.92	1.92	2.24	2.74	3.26	4.02	4.86	6.07	9.00
Value (mil. dol.).....	87.4	120.8	180.1	217.7	254.7	259.3	333.5	450.4	607.9	871.1	1,344.2
Exports ²	30.2	24.1	55.7	74.0	78.7	62.6	62.5	65.7	69.2	72.2	68.2
Imports for consumption ³	-	.1	(Z)	.5	.2	2.6	2.1	2.0	2.7	2.3	1.8
Consumption.....	44.8	68.1	76.1	82.5	91.7	90.0	85.0	91.0	96.4	103.2	108.2
Stocks (industry, Dec. 31) ⁴	3.5	4.2	9.7	22.0	18.7	10.7	9.4	9.2	9.0	9.5	18.1
World production, estimate.....	89.1	*98.5	*161.1	180.1	185.6	180.3	195.5	209.7	221.0	229.4	238.1

- Represents zero. Z Less than 50,000 pounds. ¹ Molybdenum in technical-grade oxide, f.o.b., plant of major producer, domestic sales. ² Includes roasted concentrates. ³ Includes Alaska, Hawaii, and Puerto Rico. ⁴ At mines and at plants making molybdenum products. * Free world.

No. 1343. COBALT—SUMMARY: 1960 TO 1980

[In millions of pounds of contained cobalt; except as indicated]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Production:											
Mine.....	2.2	1.2	.7	-	-	-	-	-	-	-	-
Secondary (scrap) ¹	.2	.1	.1	.3	.3	.3	.3	.5	1.0	1.2	1.2
Imports ²	12.2	15.4	12.4	19.2	18.1	6.6	16.5	17.5	19.0	20.0	16.3
Exports ³	(NA)	.1	1.5	1.4	1.3	1.8	1.8	.9	1.5	.7	(NA)
Consumption.....	8.9	13.6	13.4	18.7	18.9	12.8	16.5	16.6	20.0	17.4	15.3
Inventories.....	104.0	103.8	81.0	65.4	56.0	49.5	44.1	44.5	45.2	44.2	43.3
Government ⁴	103.2	102.2	79.1	62.9	54.0	47.8	41.0	40.9	40.8	40.8	40.8
Private ⁵	.8	1.6	1.9	2.5	2.0	1.8	3.2	3.7	4.4	3.4	2.5
Price ⁶ (dollars/lb.).....	1.54	1.62	2.20	3.00	3.46	3.98	4.44	5.58	11.53	24.58	(NA)

- Represents zero. NA Not available. ¹ Reported consumption of purchased scrap. ² Content of unwrought cobalt and cobalt alloys, and waste and scrap. ³ Includes cobalt sold but not delivered. ⁴ Consumer stocks only. ⁵ Weighted average based on the market price quoted by a major U.S. cobalt dealer.

Source of tables 1341-1343: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1344. NICKEL—SUMMARY: 1960 TO 1980

[Quantities in thousands of short tons. Excludes Alaska, Hawaii, and Puerto Rico, except for imports and exports. See also *Historical Statistics, Colonial Times to 1970*, series M 231-234]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, prel.
Mine production	14	16	16	18	17	17	16	14	14	15	15
Plant production: Primary ¹	14	14	16	14	14	14	14	13	11	12	11
Secondary ²	27	51	49	66	65	42	47	45	44	57	40
Imports (est. nickel content)	103	163	156	190	221	161	188	195	234	177	189
Exports (gross weight)	54	21	31	22	30	30	47	39	36	51	57
Consumption	108	172	156	198	208	146	163	155	181	196	156
Stocks (consumer), Dec. 31	11	14	25	29	45	35	32	19	20	19	15
Price per pound ³ (dollars)	.74	.79	1.33	1.53	2.01	2.20	2.20	2.41	2.10	1.93	3.20
World production, est.	353	468	693	783	849	890	873	887	728	753	850

¹ From domestic ores. ² Includes nickel recovered from iron and steel scrap. ³ Peak price quoted U.S. buyers by International Nickel Co., Inc., for electrolytic nickel, U.S. duty included, i.o.b. Port Colborne, Ontario.

No. 1345. TIN—SUMMARY: 1960 TO 1980

[In thousands of short tons, except price. See headnote, table 1344, for exclusions]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980, prel.
Production: Domestic smelters	(D)	3.4	(D)	6.7	7.2	6.3	7.4	6.5	5.1	3.3
Secondary sources	24.7	28.1	22.4	21.1	17.5	18.1	20.4	23.3	23.7	20.5
Imports for consumption:										
Metal	44.3	45.7	56.7	44.3	48.9	49.7	52.7	51.6	53.3	48.9
Ore (tin content)	15.8	4.7	5.2	6.6	7.1	6.3	7.4	4.3	5.0	9.9
Exports	1.0	3.2	5.0	9.5	4.0	2.6	6.0	5.2	3.8	4.7
Price of Straits tin at N.Y., avg. cents per lb. ¹	101	178	174	396	340	380	535	630	754	846
Consumption	90	84	83	73	62	69	67	68	69	62
World mine production, est.	202	225	256	257	245	241	254	266	270	271

D Withheld to avoid disclosure of individual company data. ¹ See footnote 3, table 1300.

No. 1346. TUNGSTEN CONCENTRATE—SUMMARY: 1960 TO 1980

[Excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series M 225-226, for related data]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980, prel.
Production:										
Concentrates (60% WO ₃ basis) ¹	1,000 sh. ton	7.0	7.9	10.1	5.8	6.1	6.3	7.3	7.0	6.2
Tungsten content	Mil. lb.	6.7	7.6	9.3	5.5	5.9	6.0	6.9	6.6	5.9
Shipments from mines:										
Reported value i.o.b. mines	Mil. dol.	9.8	13.0	23.8	29.1	37.3	55.1	56.7	55.8	49.0
Avg. value per lb. of tungsten	Dollars	1.40	1.72	2.55	5.30	6.35	9.15	8.22	8.27	8.20
Imports, general ²	Mil. lb.	5.2	3.5	1.3	6.9	5.8	6.8	³ 9.1	³ 11.4	³ 11.4
Consumption ²	Mil. lb.	11.6	13.9	16.7	14.0	16.1	17.1	18.8	21.6	20.4
Stocks, ¹ ² end of year	Mil. lb.	5.5	1.8	2.2	2.5	1.2	1.0	1.5	1.6	1.4
World production ²	Mil. lb.	68.7	59.6	71.4	84.5	90.9	89.0	93.6	109.7	117.4

¹ A short ton of 60% tungsten trioxide (WO₃) contains 951.72 pounds of tungsten. ² Tungsten content. ³ Imports for consumption.

Source of tables 1344-1346: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1347. URANIUM—SUMMARY: 1960 TO 1980

[See table 1028. See also *Historical Statistics, Colonial Times to 1970*, series M 266-267]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Mine ore shipments ¹	Mil. sh. ton	8.0	4.4	6.3	7.0	7.0	8.6	10.3	14.3	15.0	16.7
Recoverable content ²	Mil. lb.	37.6	20.8	25.6	24.8	24.0	27.0	31.8	37.6	31.4	40.0
Value ³	Mil. dol.	(NA)	(NA)	(NA)	196	252	438	628	812	749	1,040
Production, concentrate ²	1,000 sh. ton	17.6	10.4	12.9	11.5	11.6	12.7	14.9	18.5	18.7	21.9
Imports, concentrate ² ⁴	1,000 sh. ton	18.0	4.0	-	-	.7	1.8	2.8	2.6	1.7	1.8
World production ² ⁵	1,000 sh. ton	41.6	20.4	24.2	24.0	24.8	29.0	37.5	44.1	49.4	56.7

- Represents zero. NA Not available. ¹ Receipts at mills. ² U₃O₈. ³ Based on average price for delivery commitments during the year. ⁴ Mainly for enrichment and export of enriched uranium product, 1965-76; thereafter, for domestic consumption only. ⁵ Excludes Communist countries.

Source: U.S. Dept. of Energy, *Statistical Data of The Uranium Industry, 1981*, and *1980 Annual Report to Congress*, vol. II.

No. 1348. ZINC—PRODUCTION AND PRICES: 1960 TO 1980

[Production in thousands of short tons. Excludes Alaska and Hawaii. 1980 data are preliminary. See *Historical Statistics, Colonial Times to 1970*, series M 249-250, for production]

ITEM AND STATE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Smelter production, primary slab zinc	800	994	878	583	555	438	499	450	448	521	375
Value (mil. dol.).....	205	291	236	241	399	341	369	310	278	389	281
From domestic ores.....	334	551	404	399	347	308	382	355	295	281	256
From foreign ores.....	465	443	474	184	208	130	117	95	154	240	120
Production, redistilled secondary slab zinc.....	69	84	77	83	79	58	69	51	38	59	32
Avg. price of common zinc (cents per lb.).....	13.0	14.5	15.3	20.7	36.0	39.0	37.1	34.4	31.0	37.3	37.4
Mine production, recoverable zinc	435	611	534	479	500	489	485	450	334	295	369
Colorado.....	31	54	57	58	49	48	51	40	24	11	15
Idaho.....	37	58	41	46	39	41	47	31	36	33	31
Missouri.....	3	4	51	82	92	75	84	82	65	68	72
New York.....	66	70	59	81	93	77	74	71	29	13	37
Tennessee.....	91	122	116	64	86	83	83	90	97	94	142
Other States.....	207	303	208	148	141	145	146	136	83	76	72
World smelter production, est.....	3,335	4,353	5,321	5,877	6,183	5,526	5,986	6,153	6,251	6,520	6,412
World smelter and refining capacity.....	(NA)	(NA)	(NA)	6,720	6,940	(NA)	7,545	7,668	8,487	8,524	(NA)

NA Not available.

Source: U.S. Bureau of Mines, *Minerals Yearbook*, and *Mineral Facts and Problems*.

No. 1349. BAUXITE—SUMMARY: 1960 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series M 256-257]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Production:											
Crude ore.....	Mil. lg. ton.....	2.4	2.0	2.5	2.4	2.2	2.4	2.4	2.0	2.2	1.8
Dried bauxite.....	Mil. lg. ton.....	2.0	1.7	2.1	1.9	1.8	2.0	2.0	1.6	1.8	1.5
Value.....	Mil. dol.....	21.1	18.6	30.1	25.7	25.1	26.6	27.6	23.2	24.9	22.4
Imports ¹ (crude, dried).....	Mil. lg. ton.....	8.7	11.4	13.6	15.0	11.5	12.5	12.8	13.6	13.6	13.9
Value ²	Mil. dol.....	78.0	143.0	159.8	180.2	245.1	315.1	349.5	397.5	389.1	(NA)
Exports (as shipped).....	1,000 lg. ton.....	29	147	3	16	19	15	26	13	15	21
Value.....	Mil. dol.....	2.6	10.7	.2	1.2	1.7	1.3	2.3	1.5	3.3	(NA)
Consumption (dry equivalent).....	Mil. lg. ton.....	8.9	13.5	15.7	16.9	12.4	13.8	14.3	14.5	15.4	15.7
World production, est.....	Mil. lg. ton.....	27.2	36.8	56.9	78.4	73.6	76.2	80.1	78.6	86.3	88.5

NA Not available. ¹ Includes Virgin Islands. ² See footnote 1, table 1314.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1350. ALUMINUM—SUMMARY: 1960 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series M 258-262]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Production	Mil. sh. ton.....	2.3	3.4	4.8	5.9	4.9	5.4	5.8	6.1	6.4	6.5
Primary aluminum.....	Mil. sh. ton.....	2.0	2.8	4.0	4.9	3.9	4.3	4.5	4.8	5.0	5.1
Plant capacity.....	Mil. sh. ton.....	2.5	2.8	4.3	4.9	5.0	5.2	5.2	5.2	5.3	5.5
Secondary aluminum ¹	Mil. sh. ton.....	.3	.6	.8	1.0	1.0	1.2	1.3	1.3	1.4	1.4
Value ² (primary metal).....	Bil. dol.....	1.2	1.7	2.6	3.7	3.7	4.8	6.0	6.6	7.8	9.3
Primary aluminum.....	Bil. dol.....	1.0	1.3	2.2	3.0	3.0	3.8	4.7	5.2	6.1	7.3
Price (cents per lb. ³).....	Cents/lb.....	26.0	24.5	28.7	34.1	39.8	44.5	51.6	54.0	61.0	71.6
Secondary aluminum.....	Bil. dol.....	.2	.3	.5	.7	.8	1.0	1.3	1.4	1.7	2.0
Imports for consumption ⁴	Mil. sh. ton.....	.2	.6	.5	.6	.6	.7	.8	1.1	.8	.7
Value.....	Bil. dol.....	.1	.3	.2	.4	.4	.6	.8	1.1	1.0	1.0
Exports ⁴	1,000 sh. tons.....	384	315	612	524	440	484	411	520	773	1,483
Value.....	Bil. dol.....	.2	.2	.4	.5	.4	.5	.5	.7	1.1	2.4
Shipments ⁵ (net domestic).....	Mil. sh. ton.....	2.4	3.8	4.5	6.4	4.6	5.8	6.1	6.8	6.9	6.0
World production, est.....	Mil. sh. ton.....	5.0	7.0	10.6	14.5	13.4	13.9	15.2	15.6	16.1	16.9
Plant capacity.....	Mil. sh. ton.....	5.9	7.9	12.0	15.6	16.4	17.6	18.0	18.9	19.6	20.4

¹ Recoverable aluminum content from scrap, old and new.

² Based on published producers' prices for primary metal.

³ Average of prices for primary aluminum, 1960-1978, quoted by *American Metal Market*; 1979 and 1980: *Metals Week*.

⁴ And semiconductor (including metal and alloys, plates, bars, etc., and scrap).

⁵ Compiled by Aluminum Association from data on net shipments of aluminum ingot and mill products. Includes changes in aluminum industry and government inventories and net trade.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

No. 1351. MAGNESIUM—SUMMARY: 1970 TO 1980

[In thousands of short tons, except as indicated. Magnesium metal is used primarily in the manufacturing of aircraft, automotive, and other types of transportation equipment, material-handling equipment, power tools, and alloying with other metals]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Production (domestic).....	124	138	137	140	(D)	148	151	159	185	200	210
Primary ¹	112	123	121	122	(D)	120	120	126	149	162	170
Secondary (recovered from scrap) ..	12	15	16	18	15	28	31	33	36	37	40
Exports.....	36	24	18	40	46	33	13	28	42	54	57
Value (million dol.).....	22.5	15.7	11.7	28.2	48.5	48.2	26.9	51.8	75.8	113.8	127.7
Imports.....	3	4	4	5	5	6	15	6	7	5	4
Value (million dol.).....	2.5	2.3	2.6	2.7	5.2	11.5	22.7	8.0	10.1	9.0	8.3
Consumption.....	93	92	104	116	130	94	104	104	109	109	96
For structural products.....	23	19	24	25	28	19	17	20	19	19	17
For distributive or sacrificial purposes.....	70	73	80	91	102	75	87	84	90	90	78
Alloys (aluminum).....	37	37	43	52	62	47	54	56	59	61	54
Other.....	33	36	37	39	40	28	33	28	31	29	24
Price per pound (cents).....	35	36	37	38	41-75	82	87-92	96-99	99-101	101-109	107-125
World production (primary).....	242	256	258	266	¹ 143	258	275	284	318	341	351

D Withheld to avoid disclosing company proprietary data. ¹ Beginning with 1975, figures are the difference between total North American production reported by the International Magnesium Association and Canadian production. ² Excludes U.S. production.

No. 1352. CHROMITE—SUMMARY: 1970 TO 1980

[In thousands of short tons, except value, in millions of dollars]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Imports for consumption ¹	1,405	1,299	1,056	931	1,102	1,252	1,275	1,293	1,013	1,024	982
Value.....	31.8	31.9	27.6	21.0	28.5	60.7	70.0	68.7	51.4	55.6	56.5
South Africa.....	407	422	249	303	341	289	438	659	490	353	405
Soviet Union.....	248	307	434	242	298	349	189	80	157	250	170
Philippines.....	210	159	131	190	264	210	166	172	165	194	138
Exports.....	41	35	20	21	18	139	124	187	23	27	6
Reexports.....	73	145	57	34	99	45	85	61	29	28	44
Consumption, total.....	1,403	1,093	1,140	1,387	1,450	881	1,006	1,000	1,010	1,209	968
Metallurgical industry.....	912	720	727	920	904	532	597	578	534	774	573
Refractory industry.....	278	193	224	261	295	183	202	208	237	193	155
Chemical industry.....	213	180	189	206	251	166	207	214	239	242	240
Stocks, Dec. 31 (consumer).....	733	1,019	857	597	573	952	1,009	1,338	1,301	907	675
World production ¹	6,672	7,093	6,725	7,381	8,244	9,136	9,362	10,163	9,963	10,511	10,725
South Africa.....	1,573	1,812	1,635	1,818	2,089	2,288	2,656	3,372	3,466	3,634	3,764
Soviet Union.....	1,930	1,980	2,040	2,100	2,150	2,290	2,300	2,400	2,550	2,650	2,700
Philippines.....	624	474	385	640	584	573	475	593	592	618	631

¹ Includes countries not shown separately.

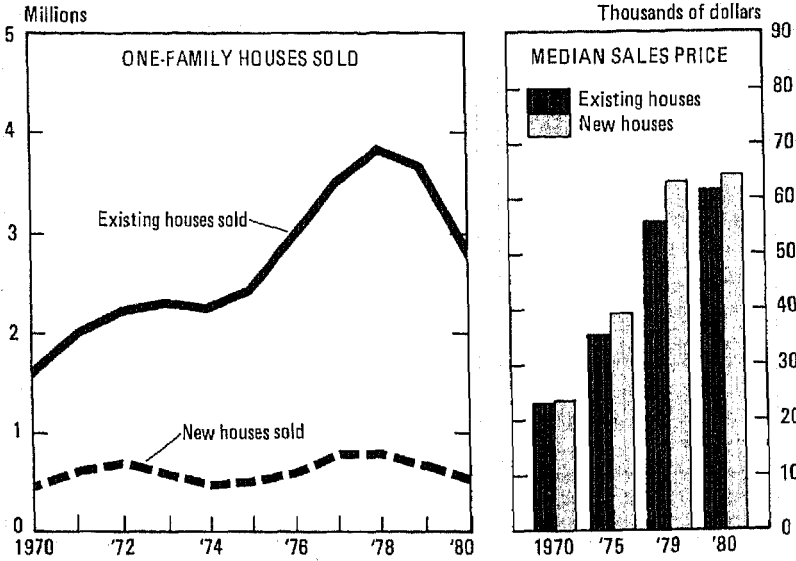
No. 1353. TITANIUM—SUMMARY: 1970 TO 1980

ITEM	Unit	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Ilmenite concentrate:												
Mine shipments.....	1,000 sh. ton.....	921	714	740	804	755	702	618	542	581	646	594
Value.....	Mill. dol.....	18.6	15.9	16.7	20.1	22.7	26.9	27.6	25.2	25.6	33.0	32.0
Imports.....	1,000 sh. ton.....	96	28	15	70	82	122	168	335	309	184	357
Value.....	Mill. dol.....	1.0	.4	.2	.9	1.4	2.1	2.6	5.7	4.5	2.8	6.7
Consumption.....	1,000 sh. ton.....	972	899	786	808	852	748	822	887	792	791	853
Titanium dioxide pigments:												
Production.....	1,000 sh. ton.....	655	678	718	785	787	603	713	687	701	741	714
Imports for consumption.....	1,000 sh. ton.....	60	43	86	60	35	26	68	115	118	105	98
Consumption.....	1,000 sh. ton.....	(NA)	(NA)	(NA)	(NA)	(NA)	596	754	785	802	836	741
Price, Dec. 31:												
Anatase.....	Cents/lb.....	26	26	27-29	24	31	39	41	44	46	53	57
Rutile.....	Cents/lb.....	26-27	26-27	26-29	28	35	44	47	49	51	59	63
World production:												
Ilmenite concentrate.....	1,000 sh. ton.....	3,109	2,846	2,702	2,983	3,519	3,194	3,490	3,653	3,874	3,872	4,019
Titanium slag.....	1,000 sh. ton.....	653	859	924	947	936	832	901	765	1,037	² 842	² 1,343
Rutile concentrate, natural ³	1,000 sh. ton.....	460	424	351	385	398	422	445	376	333	² 397	² 467

NA Not available. ¹ Preliminary. ² Estimated. ³ Excludes U.S. production data to avoid disclosing company proprietary data.

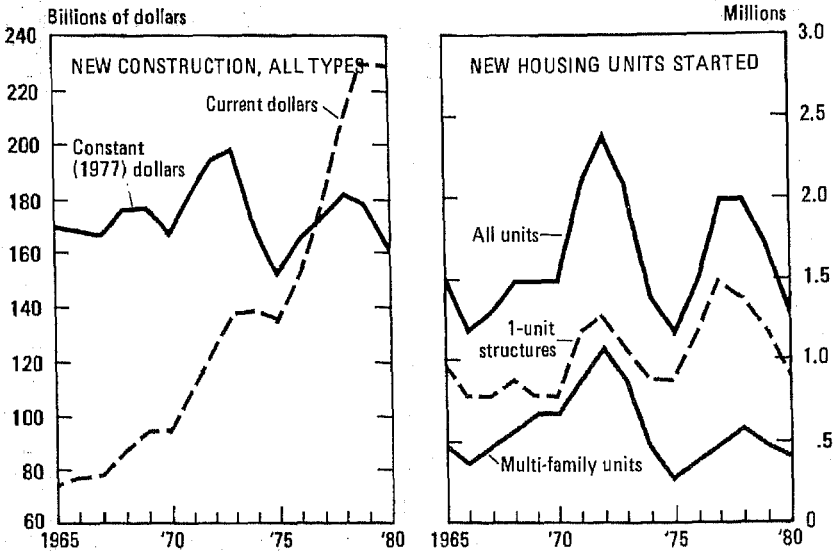
Source of tables 1351-1353: U.S. Bureau of Mines, *Minerals Yearbook*.

Figure 28.1
**Existing and New Private One-Family Houses Sold
and Median Sales Price: 1970 to 1980**



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1391, 1393 and 1394.

Figure 28.2
**New Construction — Value of Total Construction and Housing
Units Started: 1965 to 1980**



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1354, 1355 and 1366.



Section 28

Construction and Housing

This section presents data on the construction industry and on various indicators of its activity and costs; on housing units and their characteristics, occupants, and financing; on public housing; and on nonresidential buildings.

The principal source of these data is the U.S. Bureau of the Census, which issues a variety of current publications. Construction statistics compiled by the Bureau appear in its monthly *Construction Reports* series with various quarterly or annual supplements; *Housing Starts* and *Housing Completions* present data by type of unit and by 4 major census regions; *New One-Family Houses Sold and For Sale* also provides statistics annually on physical and financial characteristics for all new housing by the 4 major census regions; *Value of New Construction Put in Place* includes monthly composite construction cost indexes, and a special supplement which contains historical data, 1964 to 1980, as well as several tables showing data for 1915-1964; *Price Index of New One-Family Houses Sold* presents quarterly figures and annual regional data; and *Housing Units Authorized by Building Permits and Public Contracts* covers approximately 16,000 permit-issuing jurisdictions in the United States. Statistics on expenditures by owners of residential properties are issued quarterly and annually in *Residential Alterations and Repairs*. Reports of the censuses of construction industries (see below) are also issued on various topics.

Other Census Bureau publications include the *Current Housing Reports* series, which comprises the quarterly *Housing Vacancies*, the quarterly *Market Absorption of Apartments*, the *Annual Housing Survey*, and reports of the censuses of housing and of construction industries. *Construction Review*, published monthly by the Bureau of Industrial Economics, U.S. Department of Commerce, contains many of the census series and other construction statistics series from the Federal Government and private agencies.

Other sources include the monthly *Dodge Construction Potentials* of F. W. Dodge Division, McGraw-Hill Information Systems Company, New York, N.Y., which presents State data on construction contracts; the Bureau of Economic Analysis, which presents data on residential capital and gross housing product; and the Federal Home Loan Bank Board, the Department of Housing and Urban Development (HUD), and the Veterans Administration, which publish financial data. Data on conventional home mortgages are provided by the Federal Home Loan Bank Board. The Department of Housing and Urban Development provides data on the gross flow of long-term mortgage loans in its study, *The Supply of Mortgage Credit, 1970-1979*. Data on mortgages insured by the Federal Housing Administration (FHA) and on VA-guaranteed loans are also presented in this section. In addition, the *Statistical Yearbook*, published by HUD, also contains housing data.

Censuses and Surveys.—Censuses of the construction industry were first conducted by the Bureau of the Census for 1929, 1935, and 1939; beginning in 1967, a census has been taken every five years (for years ending in "2" and "7"). The latest reports are for 1977.

The 1977 Census of Construction Industries, in accordance with the 1972 *Standard Industrial Classification Manual* (see text, page 376), defines a construction establishment as a relatively permanent place of business where the usual business activities related to construction are conducted.

From 1850 through 1930, the Bureau of the Census collected some housing data as part of its censuses of population and agriculture. Beginning in 1940, separate censuses of housing have been taken at 10-year intervals. For the 1970 and 1980 censuses, data on year-round housing units were collected and issued on occupancy and structural characteristics, plumbing facilities, value, and rent.

Evaluation studies of the 1950, 1960, and 1970 censuses estimated the underenumeration of occupied housing units at 2.9 percent, 2.4 percent, and 1.7 percent, respectively. The net undercount in the 1970 census is estimated at approximately 1.5 million housing units. Estimates for the 1980 census were not available at the time of publication of this edition. The estimates for the various censuses are not strictly comparable due to differences in timing, procedures, and other factors. The census figures have not been adjusted to reflect the estimated undercounts.

The Annual Housing Survey (*Current Housing Reports*, Series H-150 and H-170), which began in 1973, provides a current and ongoing series of data on selected housing and demographic characteristics. It is based on a national sample and on separate samples for 60 SMSA's selected to represent a cross section of the housing stock in these areas. Annual Housing Survey estimates are subject to both sampling and nonsampling errors; caution should, therefore, be used in making comparisons with 1970 census data.

Data on residential mortgages were collected continuously from 1890 to 1970, except 1930, as part of the decennial census by the Bureau of the Census. Since 1973, mortgage status data, which are limited to single family homes on less than ten acres with no business on the property, have been presented in the Annual Housing Survey.

Housing units.—In general, a housing unit is a group of rooms or a single room occupied or intended for occupancy as separate living quarters; that is, the occupants do not live and eat with any other persons in the structure, and there is either (1) direct access from the outside or through a common hall, or (2) complete kitchen facilities for the exclusive use of the occupants. Transient accommodations, barracks for workers, and institutional-type quarters are not counted as housing units.

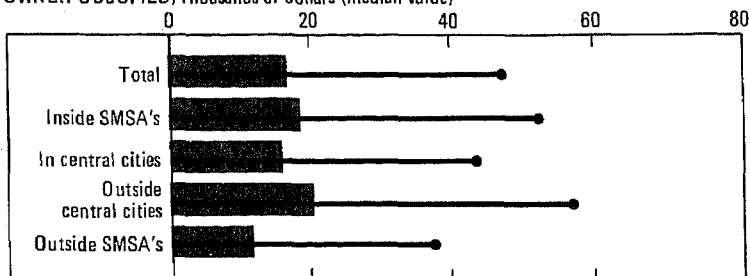
Statistical Reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

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

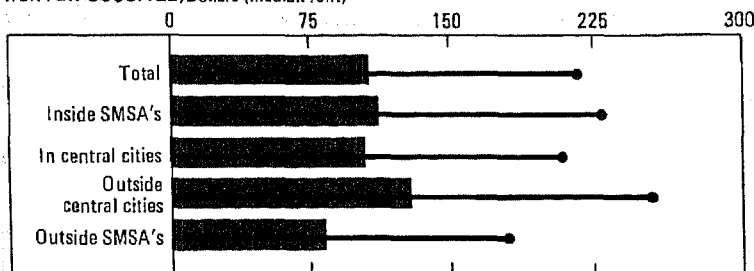
Figure 28.3

Occupied Housing Units— Median Value and Median Rent: 1970 and 1979

OWNER OCCUPIED/Thousands of dollars (median value)



RENTER OCCUPIED/Dollars (median rent)



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1379.

No. 1354. VALUE OF NEW CONSTRUCTION PUT IN PLACE: 1970 TO 1980

[In millions of dollars, except percent. Represents value of construction put in place during year; differs from building permit and construction contract data in timing and coverage. Includes installed cost of normal building service equipment and selected types of industrial production equipment (largely site fabricated). Excludes cost of shipbuilding, land, and most types of machinery and equipment. For methodology, see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series N 1-29 and N 66-69]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total	95,204	138,428	139,221	135,941	151,084	173,829	205,561	230,781	230,273
Average annual percent change ¹	5.2	13.3	.6	-2.4	11.1	15.1	18.3	12.3	-2
Private	87,114	105,927	100,886	95,057	111,961	135,655	158,665	181,691	174,897
Percent of total.....	70.5	76.5	72.5	69.9	74.1	78.0	77.7	78.7	76.0
Residential buildings (incl. farm).....	31,864	59,728	50,376	46,472	60,520	80,956	93,424	99,030	87,261
New housing units.....	24,272	50,086	40,644	34,408	47,277	65,749	75,808	78,587	63,139
Structures with—									
1 unit.....	14,754	30,648	26,293	27,423	40,049	55,271	62,385	60,790	45,662
2 or more units.....	9,518	19,438	14,351	6,986	7,228	10,478	13,422	17,798	17,476
Additions, alterations.....	6,234	7,274	8,045	10,925	12,308	14,209	16,349	18,236	21,125
Nonhousekeeping.....	1,358	2,366	1,687	1,139	935	998	1,267	2,206	2,997
Nonresidential buildings.....	21,412	27,583	29,637	26,407	26,091	28,695	36,293	47,298	52,434
Commercial.....	9,753	15,451	15,944	12,806	12,756	14,783	18,565	24,924	29,945
Industrial.....	6,507	8,243	7,902	8,018	7,183	7,712	10,994	14,950	13,837
Hospital and institutional.....	2,529	3,152	3,201	3,209	3,398	3,290	3,347	3,530	4,046
Religious.....	929	814	918	867	956	1,046	1,248	1,548	1,637
Educational.....	864	836	655	567	660	660	729	806	1,175
Other nonresidential.....	800	1,086	1,017	939	1,140	1,203	1,410	1,540	1,794
Public utilities.....	11,017	15,181	16,624	17,379	20,301	20,272	23,455	28,323	28,678
Telephone, telegraph.....	2,968	3,965	4,279	3,683	3,777	4,345	5,418	6,343	6,733
Other public utilities.....	8,049	11,215	12,345	13,696	16,524	15,926	18,037	21,980	21,945
Electric light, power.....	5,807	8,777	9,246	9,888	11,777	12,432	14,384	17,480	17,340
Gas.....	1,654	1,708	1,739	1,350	1,280	1,560	1,929	2,650	2,643
Railroads.....	304	422	575	514	580	737	1,190	1,259	1,163
Petroleum pipelines.....	284	308	785	1,944	2,887	1,197	534	591	809
Farm (nonresidential).....	1,875	2,525	3,249	3,731	3,971	4,431	5,209	5,598	5,274
All other private.....	946	912	1,000	1,068	1,077	1,301	1,283	1,452	1,250
Public	28,090	32,501	38,334	40,884	39,123	38,174	45,896	49,090	55,376
Percent of total.....	29.5	23.5	27.5	30.1	25.9	22.0	22.3	21.3	24.0
Buildings.....	10,656	12,994	14,990	15,474	13,759	12,799	15,241	15,857	18,884
Educational.....	5,619	6,647	7,310	7,760	6,342	5,459	6,264	6,903	8,050
Hospital.....	838	1,001	1,238	1,745	1,870	1,733	1,822	1,648	1,785
Industrial.....	498	606	766	918	905	1,070	1,184	1,411	1,788
Housing, redevelopment.....	1,106	941	1,006	754	720	908	1,053	1,211	1,648
Other public buildings.....	2,584	3,799	4,670	4,296	3,922	3,629	4,919	4,684	5,593
Highways and streets.....	9,982	10,505	12,065	10,854	9,743	9,380	10,706	11,896	13,785
Conservation, development.....	1,907	2,311	2,741	3,257	3,742	3,862	4,457	4,587	5,090
Military facilities.....	717	1,167	1,185	1,389	1,630	1,429	1,502	1,647	1,880
Other public construction.....	4,827	5,524	7,352	9,911	10,248	10,704	13,989	15,002	15,755
Sewer systems.....	1,543	1,954	2,681	4,801	5,341	5,374	6,765	7,299	7,171
Water supply facilities.....	1,093	1,067	1,381	1,765	1,631	1,810	2,661	2,490	3,266
Misc. construction.....	2,192	2,503	3,290	3,345	3,276	3,520	4,563	5,215	5,318
Public ownership:									
State and local government.....	24,798	27,648	33,042	34,566	32,106	30,855	37,497	40,227	45,372
Buildings.....	9,753	11,665	13,487	13,580	11,631	10,501	12,764	13,215	15,899
Highways and streets.....	9,728	10,236	11,808	10,547	9,404	8,984	10,285	11,468	13,314
Conservation, development.....	540	356	495	618	903	774	597	673	821
Other.....	4,777	5,391	7,252	9,821	10,167	10,595	13,851	14,872	15,538
Federal government.....	3,293	4,853	5,293	6,318	7,017	7,320	8,398	8,862	10,004
Conservation, development.....	1,367	1,955	2,246	2,638	2,839	3,088	3,860	3,915	4,270
Buildings.....	903	1,329	1,504	1,894	2,128	2,298	2,477	2,642	3,165
Military facilities.....	717	1,167	1,185	1,389	1,630	1,429	1,502	1,647	1,880
Misc. (incl. highways and streets).....	305	401	357	397	420	505	559	659	688

¹ Change from prior year shown; for 1970, change from 1965. Minus sign (—) denotes decrease. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *Construction Reports*, series C30.

**NO. 1355. VALUE IN CONSTANT (1977) DOLLARS OF NEW CONSTRUCTION PUT IN PLACE:
1965 TO 1980**

[In millions of dollars, except percent. For details on derivation of constant values and description of revised series, see source.
For description of nature of revisions and deflators used, see *Construction Reports*, series C30-80S]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
New construction.....	169,981	187,618	198,850	170,289	152,198	163,457	173,395	181,987	179,265	160,696
Private.....	118,136	118,405	152,480	126,032	108,556	122,083	135,299	141,171	141,434	122,912
Percent of total	69.5	70.6	76.7	74.0	71.3	74.7	78.0	77.6	78.9	76.5
Residential buildings ¹	62,738	57,581	87,033	66,393	56,074	67,737	80,689	81,226	75,969	60,899
New housing units	48,762	43,873	72,984	53,596	41,506	52,864	65,472	65,891	60,278	44,070
Structures with—										
1 unit.....	35,270	26,656	44,632	34,593	33,051	44,797	55,016	54,223	46,637	31,850
2 or more units	13,492	17,217	28,352	19,003	8,455	8,087	10,458	11,668	13,640	12,220
Additions, alterations	10,638	11,252	10,597	10,563	13,190	13,805	14,218	14,231	14,005	14,738
Nonhousekeeping	3,339	2,456	3,451	2,233	1,378	1,049	1,000	1,104	1,687	2,092
Nonresidential buildings ²	37,834	35,692	37,510	33,379	28,011	27,642	28,640	32,224	36,062	35,445
Industrial.....	(NA)	8,473	8,878	8,506	7,612	7,698	9,734	11,424	9,360	
Office.....	(NA)	10,895	8,144	6,904	5,273	5,046	5,263	5,838	7,204	8,996
Other commercial.....	(NA)	16,255	12,873	11,061	8,310	8,468	9,486	10,651	11,765	11,242
Hospital, institutional.....	(NA)	4,217	4,284	3,616	3,404	3,597	3,290	2,991	2,702	2,734
Religious.....	(NA)	1,550	1,107	1,034	920	1,013	1,044	1,107	1,180	1,106
Educational.....	(NA)	1,442	1,140	741	601	699	659	649	614	793
Other nonresidential.....	(NA)	1,334	1,479	1,145	996	1,207	1,199	1,255	1,172	1,214
Public utilities.....	13,400	20,328	23,169	21,420	19,376	21,365	20,249	21,927	24,014	22,156
Telephone, telegraph.....	3,354	5,050	5,639	5,283	4,181	3,954	4,340	5,136	5,436	5,199
Other public utilities.....	10,046	15,278	17,530	16,138	15,195	17,412	15,909	16,792	18,579	16,957
Electric light, power ³	6,337	11,146	13,764	12,177	11,143	12,553	12,414	13,539	14,929	13,597
Gas.....	2,724	3,065	2,670	2,277	1,448	1,305	1,558	1,721	2,189	1,977
Railroads.....	730	541	614	671	547	609	734	1,060	972	780
Petroleum pipelines.....	255	526	482	1,013	2,057	2,945	1,203	472	489	603
Farm (nonresidential).....	3,184	3,126	3,438	3,663	3,959	4,207	4,425	4,640	4,268	3,562
All other private.....	980	1,678	1,330	1,177	1,137	1,131	1,296	1,155	1,121	849
Public.....	51,845	49,213	46,370	44,258	43,642	41,374	38,097	40,816	37,831	37,784
Percent of total	30.5	29.4	23.3	26.0	28.7	25.3	22.0	22.4	21.1	23.5
Buildings.....	18,070	17,922	17,798	17,101	16,530	14,630	12,788	13,550	12,124	12,775
Educational.....	9,824	9,367	9,061	8,262	8,235	6,724	5,453	5,569	5,272	5,432
Hospital.....	1,193	1,399	1,362	1,397	1,852	1,981	1,734	1,630	1,261	1,205
Industrial.....	845	831	826	864	973	960	1,069	1,058	1,081	1,210
Housing, redevelopment.....	1,353	1,999	1,370	1,324	910	808	909	911	929	1,150
Other public buildings.....	4,855	4,325	5,179	5,254	4,559	4,157	3,624	4,382	3,580	3,779
Highways and streets.....	18,261	17,670	15,354	13,285	11,146	10,291	9,332	9,215	8,582	8,470
Conservation, development.....	4,634	3,406	3,367	3,439	3,603	3,914	3,855	4,104	3,828	3,821
Military facilities.....	1,926	1,243	1,644	1,360	1,489	1,734	1,431	1,331	1,248	1,251
Other public construction.....	8,953	8,972	8,206	9,073	10,674	10,805	10,690	12,616	12,049	11,466
Sewer systems.....	2,982	2,992	2,814	3,412	5,379	5,669	5,366	6,146	5,970	5,410
Water supply facilities.....	2,885	2,074	1,629	1,787	1,935	1,697	1,808	2,395	2,048	2,458
Miscellaneous.....	3,087	3,906	3,663	3,874	3,559	3,439	3,516	4,076	4,031	3,601

NA Not available. ¹ Including farm. ² Excludes building by privately owned public utilities. ³ Includes construction with Rural Electrification Administration (REA) funds.

Source: U.S. Bureau of the Census, *Construction Reports*, series C30.

**NO. 1356. VALUE OF PRIVATELY OWNED NONRESIDENTIAL BUILDING PROJECTS, BY CONSTRUCTION
STATUS, 1973 TO 1980, AND BY TYPE OF PROJECT, 1980**

[In billions of dollars]

CONSTRUCTION STATUS	1973	1974	1975	1976	1977	1978	1979	1980				
								Total	Indus- trial	Office build- ing	Other com- mercial	Other ¹
Value of projects—												
Started.....	28.4	27.7	20.1	23.8	29.3	38.7	49.0	48.3	11.3	14.1	14.7	8.2
Completed.....	24.6	26.9	28.0	25.9	27.7	31.7	40.1	48.4	14.6	10.0	16.5	7.4
Under construction at yearend.....	42.8	46.1	41.9	41.9	44.6	55.2	68.3	73.5	22.9	21.1	14.2	15.3

¹ Privately owned religious, educational, hospital and institutional, and miscellaneous nonresidential building projects.

Source: U.S. Bureau of the Census, *Construction Reports*, series C30.

NO. 1357. CONSTRUCTION CONTRACTS—VALUE OF CONSTRUCTION AND FLOOR SPACE OF BUILDINGS, BY CLASS OF CONSTRUCTION: 1970 TO 1980

[Value in billions of dollars; space in million square feet; except percent. Includes new structures and additions to existing structures, and major alterations to existing structures which affect only valuation, since no additional floor area is created by "alteration." See also *Historical Statistics, Colonial Times to 1970*, series N 78-100]

CLASS OF CONSTRUCTION	AMOUNT										PERCENT DISTRIBUTION			
	1970	1973	1974	1975	1976	1977	1978	1979	1980		1970	1975	1979	1980
Value of construction, total.....	68.3	99.3	93.7	92.7	110.1	139.7	159.9	168.4	147.2		100.0	100.0	100.0	100.0
Residential buildings.....	24.8	45.7	33.6	31.3	44.2	62.0	74.9	74.6	63.2		36.3	33.8	44.3	42.9
Nonresidential buildings, total.....	24.6	31.4	33.2	31.6	30.0	35.1	45.0	50.2	52.3		36.0	34.1	29.8	35.5
Commercial ¹	9.1	12.8	11.8	9.2	10.2	13.6	20.6	24.4	24.8		13.3	9.9	14.5	16.8
Manufacturing.....	3.7	4.8	5.6	6.8	4.5	5.4	9.2	7.6	8.2		5.4	7.3	4.5	5.6
Educational and science.....	5.3	5.1	6.3	5.9	4.9	5.2	5.7	6.3	6.8		7.8	6.4	3.7	4.6
Hospital.....	2.8	3.3	3.8	3.7	4.5	4.5	3.8	4.8	5.4		4.1	4.0	2.9	3.7
Public buildings.....	1.0	2.0	2.1	2.1	2.3	1.5	1.6	1.5	1.5		2.3	1.0	1.0	1.0
Religious.....	.6	.7	.8	.8	.9	1.0	1.2	1.3	1.2		.9	.8	.8	.8
Social and recreational ²	2.1	2.7	2.8	3.1	3.0	3.3	3.0	4.1	4.3		3.1	3.3	2.4	2.9
Nonbuilding construction.....	19.0	22.1	27.0	29.8	35.9	42.6	39.9	43.7	31.6		27.8	32.2	26.0	21.5
Floor space, total.....	2,938	4,013	2,938	2,390	2,819	3,536	4,101	3,905	3,081		100.0	100.0	100.0	100.0
Residential buildings.....	1,781	2,574	1,857	1,441	1,867	2,440	2,815	2,528	1,886		60.6	60.3	64.7	61.2
Nonresidential buildings, total.....	1,157	1,439	1,282	949	952	1,096	1,286	1,377	1,195		39.4	39.7	35.3	38.8
Commercial ¹	530	717	594	409	440	564	758	816	685		18.0	17.1	20.9	22.2
Manufacturing.....	212	293	246	146	152	175	219	243	213		7.2	6.1	6.2	6.9
Educational and science.....	195	156	176	152	118	112	104	102	95		6.6	6.4	2.6	3.1
Hospital.....	75	76	75	63	71	66	53	57	56		2.6	2.6	1.5	1.8
Public buildings.....	29	49	47	46	42	43	22	20	17		1.0	1.9	.5	.6
Religious.....	27	28	27	28	31	32	35	34	29		.9	1.2	.9	.9
Social and recreational ²	89	120	117	105	99	105	96	106	100		3.0	4.4	2.7	3.2

¹ Includes nonindustrial warehouses. ² Includes miscellaneous.

Source: F.W. Dodge Division, McGraw-Hill Information Systems Company, New York, N.Y. In *Dodge Construction Potentials*.

NO. 1358. CONSTRUCTION CONTRACTS—VALUE, BY STATES: 1975 TO 1980

[In millions of dollars. See headnote, table 1357. Represents value of construction in States in which work was actually done]

STATE	1975	1978	1979	1980			STATE	1975	1978	1979	1980		
				Total (incl. non-bldg.)	Residential	Non-residential					Total (incl. non-bldg.)	Residential	Non-residential
Total.....	92,659	159,930	168,446	147,164	63,206	52,344	Mo.....	1,645	2,752	3,065	2,587	893	1,084
Ala.....	3,084	2,758	2,543	1,905	902	544	Mont.....	393	554	569	398	205	80
Alaska.....	4,826	692	626	643	187	227	Nebr.....	747	1,392	1,043	838	340	276
Ariz.....	1,704	2,907	3,553	3,157	1,626	1,015	Nev.....	479	1,322	1,193	1,127	665	318
Ark.....	1,301	1,536	1,728	1,250	643	365	N.H.....	313	1,604	549	469	236	131
Calif.....	8,663	16,102	18,159	17,597	8,685	6,604	N.J.....	1,950	4,096	3,613	3,606	1,319	1,571
Colo.....	1,380	2,639	3,197	2,711	1,281	967	N. Mex.....	680	987	1,060	1,055	412	391
Conn.....	804	1,541	1,564	1,406	542	587	N.Y.....	3,955	5,711	5,405	5,932	1,684	2,484
Del.....	228	368	323	324	122	115	N.C.....	2,240	4,756	5,852	3,473	1,762	1,190
D.C.....	542	432	580	545	157	296	N. Dak.....	865	824	601	442	203	141
Fla.....	3,607	9,116	12,176	12,926	7,434	2,990	Ohio.....	3,924	6,482	6,233	5,107	1,875	2,203
Ga.....	1,825	3,472	3,673	3,848	1,824	1,313	Okl.....	1,166	2,385	2,895	2,342	1,176	752
Hawaii.....	979	667	1,006	1,137	728	286	Oreg.....	1,036	2,259	2,495	1,885	900	628
Idaho.....	399	737	675	649	292	247	Pa.....	3,009	4,795	4,626	5,118	1,591	1,928
Ill.....	3,907	7,262	7,009	5,302	1,702	2,192	R.I.....	244	345	397	331	125	106
Ind.....	2,211	6,437	3,442	2,735	978	1,350	S.C.....	2,143	1,811	4,827	2,506	1,066	705
Iowa.....	1,252	2,223	2,404	1,558	552	539	S. Dak.....	275	554	551	421	176	115
Kans.....	1,324	1,611	1,828	1,874	628	520	Tenn.....	1,678	3,081	4,886	2,767	1,166	1,016
Ky.....	1,444	3,486	3,033	2,190	926	677	Tex.....	6,372	13,868	13,104	13,611	6,065	5,354
La.....	1,847	4,636	3,542	3,279	1,135	1,230	Utah.....	735	1,385	1,440	1,121	446	522
Maine.....	398	513	485	537	218	203	Vt.....	144	279	311	251	135	57
Md.....	1,886	2,846	2,592	3,036	1,013	983	Va.....	2,932	4,779	4,044	3,490	1,695	1,114
Mass.....	1,415	2,244	2,638	2,732	1,131	967	Wash.....	2,019	4,427	5,896	4,780	1,650	1,309
Mich.....	3,187	6,043	5,257	4,139	1,546	1,933	W. Va.....	926	787	1,226	835	258	201
Minn.....	1,667	3,186	3,299	2,717	1,170	891	Wis.....	1,667	3,067	2,945	2,279	904	862
Miss.....	1,030	1,580	3,895	1,549	599	617	Wyo.....	229	611	595	649	197	153

Source: F. W. Dodge Division, McGraw-Hill Information Systems Company, New York, N.Y. Figures reported currently in *Dodge Construction Potentials*.

NO. 1359. PRIVATE CONSTRUCTION AUTHORIZED BY BUILDING PERMITS: 1972 TO 1980

[In billions of dollars. "14,000 and 16,000 place" series are based on U.S. total of approximately 14,000 and 16,000 places identified in 1972 and 1978, respectively, with local building permit systems]

TYPE OF CONSTRUCTION	VALUE (14,000 places)							VALUE (16,000 places)		
	1972	1973	1974	1975	1976	1977	1978	1978	1979	1980
Total.....	59.4	61.8	50.8	47.3	63.1	82.9	96.6	101.6	107.4	101.9
New housing units.....	35.9	33.7	23.5	23.9	35.5	50.0	55.4	58.9	56.3	47.2
In structures with—										
1 unit.....	21.4	20.7	16.8	19.8	29.0	40.0	43.2	46.3	42.6	33.1
2-4 units.....	1.9	1.7	1.0	1.1	1.8	2.6	3.0	3.1	3.3	3.3
5 units or more.....	12.5	11.3	5.7	3.0	4.7	7.4	9.3	9.6	10.4	10.8
New nonhousekeeping residential buildings.....	1.4	1.7	.9	.7	.8	1.0	1.3	1.3	1.6	1.5
New nonresidential buildings.....	17.3	20.9	20.5	16.2	19.2	23.7	30.8	32.2	38.3	34.9
Industrial buildings.....	2.9	4.5	4.5	3.0	3.9	5.5	7.4	7.8	9.3	8.0
Office buildings.....	3.8	4.1	3.9	3.0	3.1	4.3	6.6	6.8	9.1	9.9
Stores and other mercantile.....	4.2	4.8	4.3	3.4	4.3	5.7	7.3	7.6	9.0	6.7
Hospitals and other institutional.....	1.9	1.9	2.0	2.0	2.4	2.0	2.1	2.1	2.3	1.6
All other nonresidential.....	4.6	5.6	5.8	4.8	5.4	6.1	7.4	7.9	8.7	8.7
Additions and alterations.....	4.9	5.6	6.0	6.6	7.7	8.2	9.1	9.2	11.2	18.3

Source: U.S. Bureau of the Census. In U.S. Department of Commerce, Bureau of Industrial Economics, *Construction Review*.

NO. 1360. PRICE, WAGE SCALE, AND COST INDEXES FOR CONSTRUCTION: 1965 TO 1980

[1977 = 100, except as indicated. Excludes Alaska and Hawaii, except as noted. Indexes of certain of these sources are published on bases different from those shown here. See *Historical Statistics, Colonial Times to 1970*, series N 118-137, for construction cost indexes on a 1947-49 base]

ITEM	1965	1970	1973	1974	1975	1976	1978	1979	1980
Price index for new one-family houses sold ¹	44.4	55.3	67.5	73.8	81.7	88.7	114.5	130.8	145.2
Union hourly wage scales, building trades ²	59.3	84.1	105.0	113.2	122.9	130.9	146.5	156.6	169.1
Construction cost indexes:									
Dept. of Commerce composite ³	43.6	56.8	69.6	81.8	89.3	92.4	113.0	128.7	143.3
Federal Highway Admin.: Highways ⁴	41.7	58.0	70.8	96.3	96.7	93.4	119.4	142.6	163.0
Environmental Protection Agency:									
Sewers.....	39.9	51.2	68.2	78.8	88.5	94.1	109.5	123.2	133.6
Sewage treatment plant.....	40.2	51.6	65.6	78.0	89.8	94.3	109.5	120.4	131.3
Federal Energy Regulatory Commission: Pipeline.....	48	54	64	76	93	98	112	121	133
American Appraisal Co.: Building construction ⁵	41	57	76	80	86	94	109	118	125
Turner Construction Co.: Building construction ⁶	45	62	78	91	95	97	106	118	131
E. H. Boeckh, building cost index: ⁷									
Small residential structures.....	41.8	56.5	73.5	79.4	84.7	91.7	109.0	119.0	128.9
Apartments, hotels, and office buildings.....	41.9	57.5	71.3	77.9	85.6	92.4	106.5	114.7	125.1
Commercial and factory buildings.....	40.7	55.8	69.8	77.3	85.3	92.6	107.5	117.1	127.7
Engineering News-Record: ⁸									
Building construction.....	40.6	54.1	73.7	78.0	84.6	92.3	108.4	117.8	125.9
General construction.....	37.7	53.8	73.5	78.4	85.8	93.1	107.7	116.5	125.6
Handy-Whitman public utility: ⁹									
Building.....	41	53	69	84	93	95	109	122	135
Electric light and power ¹⁰	41	52	63	75	88	94	106	116	127

¹Includes value of site. ²1972=100. Based on minimum wage rates agreed upon through collective bargaining; excludes overtime. As of first work day in July. Includes Honolulu, Hawaii, beginning in 1976. Source: U.S. Bureau of Labor Statistics, *Union Wages and Hours: Building Trades*, annual. ³Covers both building and nonbuilding construction, excluding maintenance and repair. Represents a weighted average of various indexes used for different types of construction. ⁴Based on average contract unit bid prices for composite mile (involving specific average amounts of excavation, paving, reinforcing steel, structural steel, and structural concrete). ⁵Average for 30 cities of 4 types of buildings: Wood-frame, brick-wood frame, brick-steel frame, and reinforced concrete. Covers materials and labor costs in structural portion of buildings but excludes those for plumbing, heating, lighting, sprinklers, and elevators. Reflects employee-benefit costs, and allows for contractors' overhead and profit. ⁶Eastern cities. Based on firm's cost experience with respect to labor rates, materials prices, competitive conditions, efficiency of plant and management, and productivity. Reflects payment of sales taxes and employee-benefit costs. ⁷Average of 20 cities for types shown. Weights based on surveys of building costs. Wage rates used for both common and skilled labor. Reflects payment of sales taxes and social security payroll taxes. ⁸Building construction index computed on basis of hypothetical unit of construction requiring 6 bbl. of portland cement, 1,088 M bd. ft. of 2" x 4" lumber, 2,600 lb. of structural steel, and 68.38 hours of skilled labor. General construction index based on same materials components combined with 200 hours of common labor. ⁹Based on data covering public utility construction costs for 95 items in 8 geographic regions. Covers skilled and common labor; does not reflect tax payments nor employee-benefit costs. ¹⁰As derived by U.S. Bureau of the Census. Covers steam production plants only; excludes hydraulic plants.

Source: Except as noted, U.S. Bureau of the Census. In U.S. Department of Commerce, Bureau of Industrial Economics, *Construction Review*.

NO. 1361. CONSTRUCTION MATERIALS—INDEXES OF PRODUCER PRICES: 1970 TO 1980

[1967=100. For discussion of producer price index, see text, p 458. Covers materials incorporated as integral part of a building or normally installed during construction and not readily removable. Excludes consumer durables such as kitchen ranges, refrigerators, etc. See also, *Historical Statistics, Colonial Times to 1970*, series N 140-155]

COMMODITY	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
All materials.....	112.5	126.6	138.5	160.9	174.0	187.7	204.9	228.3	251.4	266.4
Softwood lumber: Douglas fir.....	108.7	161.1	209.6	213.7	212.0	250.7	291.4	339.7	383.9	353.0
Southern pine.....	114.7	151.5	187.9	184.5	175.3	217.4	262.5	304.6	324.2	297.4
Hardwood lumber.....	114.6	126.2	169.0	189.5	160.3	176.0	200.3	235.8	260.0	252.0
Millwork.....	116.0	128.4	144.2	157.1	160.4	176.9	193.7	235.4	254.3	260.4
Plywood.....	108.4	130.7	155.2	161.1	161.2	187.0	212.2	235.6	250.5	246.5
Building paper and board.....	101.0	106.4	112.8	123.5	127.1	138.8	157.0	187.4	182.4	206.2
Prepared paint.....	112.4	118.0	122.2	145.7	166.9	174.4	182.4	192.3	204.4	235.3
Finished steel products:										
Structural shapes.....	115.3	134.6	140.7	179.0	216.3	227.1	241.2	272.0	300.4	329.9
Reinforcing bars.....	110.3	114.7	124.1	201.5	199.2	182.5	185.8	208.4	261.1	274.8
Black pipe, carbon.....	113.3	132.5	137.8	178.7	204.6	219.1	247.9	279.8	301.8	323.6
Wire nails, 8d common.....	114.8	133.5	140.4	207.1	241.4	243.6	261.3	273.5	298.5	331.9
Nonferrous metal products:										
Copper water tubing.....	122.9	116.9	135.0	187.1	171.6	181.6	195.4	207.8	261.7	305.0
Building wire.....	123.2	92.9	108.2	169.7	125.8	118.4	126.7	125.5	167.7	209.4
Plumbing fixtures.....	111.2	119.7	125.8	149.1	162.3	174.1	186.6	199.1	217.1	246.7
Heating equipment.....	110.6	118.2	120.4	135.0	150.7	158.0	165.5	174.4	187.1	206.5
Metal doors, sash, trim.....	113.0	120.5	124.5	147.3	162.5	171.3	188.7	207.6	229.6	255.2
Plate glass.....	(NA)	115.0	115.0	115.0	120.4	126.4	130.0	147.3	153.3	159.0
Concrete ingredients.....	112.6	126.9	131.2	148.7	172.3	186.7	199.0	217.7	244.0	274.0
Concrete products.....	112.2	125.6	131.7	151.7	170.5	188.1	191.8	214.0	244.1	273.9
Structural clay products¹.....	109.9	117.3	123.3	135.2	151.2	163.5	179.8	197.2	217.9	231.5
Gypsum products.....	99.7	114.7	120.9	137.6	144.0	154.4	183.5	229.1	252.3	256.3
Asphalt roofing.....	102.7	131.2	135.5	196.0	225.9	238.3	253.0	292.0	325.3	396.8
Insulation materials.....	123.2	136.9	137.4	156.5	196.2	212.6	235.9	250.7	256.3	287.9

NA Not available. ¹ Excludes refractories.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

NO. 1362. CONSTRUCTION INDUSTRIES—SUMMARY, BY INDUSTRY: 1972 AND 1977

[Based on a probability sample of about 167,000 in 1972 and 181,000 in 1977 construction establishments with payroll; see Appendix III. N.e.c.=Not elsewhere classified]

INDUSTRY	Estab- lish- ments with payroll (1,000)	EMPLOYEES (1,000)		PAYROLL (mil. dol.)		RECEIPTS (mil. dol.)		Value added ² (mil. dol.)
		Total	Con- struction workers	Total	Con- struction workers	Total	Net construc- tion ¹	
1972, total.....	437.9	4,146	3,487	40,005	32,187	155,850	111,232	68,197
Contract construction.....	430.0	4,083	3,464	39,528	32,036	152,722	110,716	67,810
General building contractors.....	133.1	1,150	938	10,159	7,740	64,350	33,245	17,884
Heavy construction contractors.....	28.0	827	709	9,255	7,537	31,461	25,357	16,200
Special trade contractors.....	269.0	2,107	1,817	20,114	16,759	56,911	52,114	33,726
1977, total.....	480.0	4,273	3,565	54,980	43,112	224,685	164,516	98,864
Contract construction.....	474.9	4,234	3,548	54,566	42,963	221,622	163,463	98,116
General building contractors.....	156.0	1,181	963	13,537	10,041	89,787	48,262	25,040
Single-family houses.....	101.0	438	393	3,736	3,066	21,890	15,070	7,297
Other residential buildings.....	4.8	56	46	646	485	4,515	2,203	1,145
Operative builders.....	23.8	174	110	2,026	1,053	22,918	10,627	5,229
Industrial buildings and warehouses.....	8.3	202	171	2,853	2,247	13,063	7,545	4,258
Nonresidential buildings, n.e.c.....	18.5	312	254	4,275	3,190	27,400	12,816	7,112
Heavy construction contractors ³	31.3	917	757	14,267	10,988	50,728	40,272	26,573
Highway and street construction.....	11.7	268	233	3,596	2,927	15,621	12,546	7,641
Water, sewer, and utility lines.....	10.2	198	173	2,837	2,347	9,553	8,371	5,523
Heavy construction, n.e.c.....	8.3	413	318	7,296	5,274	23,283	17,527	12,447
Special trade contractors ³	287.7	2,136	1,827	26,762	21,934	81,108	74,929	46,502
Plumbing, heating, air-conditioning.....	56.4	459	369	6,414	5,025	21,431	19,136	10,681
Painting, paperhanging, decorating.....	27.4	133	121	1,381	1,191	3,205	3,051	2,362
Electrical work.....	36.8	357	297	5,483	4,497	14,482	13,919	8,748
Masonry and other stonework.....	24.8	152	143	1,493	1,350	3,805	3,676	2,417
Plastering, drywall, insulation.....	16.7	180	158	2,282	1,901	6,266	5,819	3,630
Carpentering.....	24.4	125	115	1,202	1,081	3,647	3,328	2,083
Roofing and sheet metal work.....	20.6	172	146	1,968	1,555	6,321	5,939	3,420
Concrete work.....	17.0	118	107	1,210	1,043	4,152	3,862	2,228
Excavating and foundation work.....	16.5	104	92	1,208	1,021	4,370	3,930	2,994
Special trade contractors n.e.c.....	20.6	128	108	1,384	1,086	4,608	4,129	2,693
Subdividers and developers, n.e.c.....	5.1	39	18	414	150	3,043	1,053	748

¹ Construction receipts less payments for construction work subcontracted to others, not shown separately. ² Total receipts less (a) payments for materials, components, and supplies, (b) payments for construction work subcontracted to others, not shown separately. ³ Includes other industries each with less than \$2.5 billion in total receipts, not shown separately.

Source: U.S. Bureau of the Census, *Census of Construction Industries, 1972 and 1977*, series CC.

No. 1363. CONSTRUCTION ESTABLISHMENTS—SUMMARY, BY STATES: 1977

[See headnote, table 1362]

STATE	ALL ESTABLISHMENTS		ESTABLISHMENTS WITH PAYROLL			STATE	ALL ESTABLISHMENTS		ESTABLISHMENTS WITH PAYROLL		
	Number (1,000)	Re-ceipts (mil. dol.)	Number (1,000)	Em- ployees (1,000)	Re-ceipts (mil. dol.)		Number (1,000)	Re-ceipts (mil. dol.)	Number (1,000)	Em- ployees (1,000)	Re-ceipts (mil. dol.)
U.S.	1,200.4	244,816	480.0	4,273	224,665	Mo.	31.9	5,100	10.5	89	4,658
Ala.	18.1	3,862	7.4	81	3,617	Mont.	7.6	924	2.6	16	819
Alaska	3.3	1,524	1.4	17	1,428	Nebr.	13.1	2,109	4.9	36	1,932
Ariz.	10.9	3,433	5.3	53	3,259	Nev.	3.8	1,365	1.8	22	1,291
Ark.	17.8	1,780	5.1	34	1,522	N.H.	7.4	896	3.0	18	811
Calif.	104.0	33,412	44.7	424	30,515	N.J.	32.9	6,158	15.4	115	5,656
Colo.	21.7	4,670	8.5	74	4,322	N. Mex.	6.4	1,319	3.4	30	1,228
Conn.	17.3	2,921	7.5	51	2,624	N.Y.	62.8	11,647	27.1	206	10,765
Del.	3.1	1,120	1.6	18	1,090	N.C.	33.8	4,845	14.4	116	4,489
D.C.	1.1	705	.5	11	677	N. Dak.	5.3	797	2.1	15	745
Fla.	50.7	10,185	21.9	197	9,345	Ohio	54.8	10,725	20.8	180	9,893
Ga.	28.0	4,822	10.9	101	4,379	Okl.	24.1	2,899	7.0	52	2,469
Hawaii	3.2	1,509	1.7	21	1,435	Oreg.	18.6	3,073	7.3	45	2,698
Idaho	9.4	1,297	2.6	19	1,113	Pa.	57.7	11,451	24.3	217	10,606
Ill.	51.4	13,374	21.0	210	12,338	R.I.	5.0	804	2.5	15	749
Ind.	30.5	5,352	11.3	99	4,905	S.C.	14.4	3,311	6.5	85	3,104
Iowa	22.8	3,099	8.3	56	2,829	S. Dak.	6.1	648	2.2	12	570
Kans.	18.4	2,703	6.3	53	2,438	Tenn.	27.3	4,130	9.4	85	3,708
Ky.	23.5	2,807	7.4	56	2,493	Tex.	88.7	22,523	31.5	408	20,577
La.	18.4	4,908	7.5	107	4,579	Utah	9.9	2,025	4.4	35	1,829
Maine	8.9	810	3.3	20	736	Vt.	4.6	390	1.7	9	347
Md.	20.4	5,885	9.7	105	5,549	Va.	28.7	5,519	13.1	117	5,110
Mass.	29.2	4,611	11.7	87	4,210	Wash.	24.7	5,616	11.4	85	5,201
Mich.	40.8	8,411	16.4	128	7,760	W. Va.	8.6	1,254	3.7	31	1,171
Minn.	26.6	5,136	9.7	83	4,716	Wis.	27.0	4,739	11.0	81	4,362
Miss.	11.4	1,497	4.3	34	1,352	Wyo.	4.3	722	1.8	13	650

Source: U.S. Bureau of the Census, *Census of Construction Industries, 1977*, area series CC77-A.

No. 1364. NEW HOUSING UNITS AUTHORIZED BY STATES: 1979 AND 1980

[Includes public housing contract awards. Based on about 16,000 places in U.S. having building permit systems]

STATE	HOUSING UNITS			VALUATION		STATE	HOUSING UNITS			VALUATION	
	1979, total (1,000)	1980		1979 (mil. dol.)	1980 (mil. dol.)		1979, total (1,000)	1980		1979 (mil. dol.)	1980 (mil. dol.)
		Total (1,000)	Percent single unit ¹					Total (1,000)	Percent single unit ¹		
U.S.	1,551.8	1,190.6	60	56,331	47,156	Mo.	19.4	13.6	62	657	459
Ala.	17.5	15.9	56	437	388	Mont.	3.1	2.3	58	90	71
Alaska ..	2.7	2.2	73	148	155	Nebr.	8.7	6.7	74	275	208
Ariz.	53.8	38.7	62	1,493	1,244	Nev.	19.0	11.8	53	700	458
Ark.	8.5	8.2	60	289	270	N.H.	6.8	5.3	70	241	198
Calif.	211.5	144.4	60	9,727	7,788	N.J.	34.6	22.3	66	1,251	985
Colo.	42.8	30.1	64	1,589	1,154	N. Mex.	13.1	8.7	70	463	330
Conn.	14.8	10.1	62	536	412	N.Y.	33.8	24.5	59	1,068	926
Del.	3.0	2.9	81	97	90	N.C.	41.4	35.5	70	1,267	1,176
D.C.	1.7	2.7	18	59	82	N. Dak.	4.8	3.1	53	185	115
Fla.	175.7	174.2	51	5,858	6,471	Ohio.	48.0	31.2	52	1,917	1,283
Ga.	40.6	34.8	73	1,297	1,166	Okla.	18.8	17.7	66	761	810
Hawaii.	11.0	10.3	39	542	640	Oreg.	28.3	19.3	71	1,058	828
Idaho	9.0	5.8	58	300	219	Pa.	42.8	30.0	68	1,481	1,118
Ill.	45.8	25.2	42	1,852	1,087	R.I.	5.3	2.9	59	151	90
Ind.	26.8	20.9	51	1,077	768	S.C.	26.8	22.3	70	823	747
Iowa.	13.3	8.7	55	466	312	S. Dak.	3.9	3.1	69	120	97
Kans.	13.3	10.9	56	520	435	Tenn.	23.3	19.4	64	729	611
Ky.	13.1	10.2	58	437	351	Texas.	150.0	127.5	53	4,981	4,851
La.	23.6	20.5	58	792	682	Utah.	16.6	10.5	73	630	389
Maine	4.3	3.4	85	138	113	Vt.	3.2	2.9	61	104	98
Md.	26.7	20.0	82	925	811	Va.	44.5	37.3	78	1,582	1,322
Mass.	21.4	16.5	64	712	634	Wash.	51.6	33.0	54	1,323	1,373
Mich.	49.2	29.0	62	1,900	1,164	W. Va.	3.8	3.3	45	120	108
Minn.	29.3	21.3	63	1,227	974	Wis.	26.5	18.2	60	980	990
Miss.	8.9	9.4	56	242	255	Wyo.	5.2	3.8	60	188	149

¹ Privately owned structures.Source: U.S. Bureau of the Census, *Construction Reports*, series C40, annual, and December issues.

NO. 1365. NEW HOUSING UNITS STARTED: 1960 TO 1981

[Minus sign (—) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series N 156-159]

YEAR	Total (1,000)	Per- cent change	PRIVATELY OWNED (1,000)		Pub- licly owned (1,000)	YEAR AND MONTH	Total (1,000)	Per- cent change	PRIVATELY OWNED (1,000)		Pub- licly owned (1,000)
			Total	1-unit structures					Total	1-unit structures	
1960.....	1,296	¹ —16.6	1,252	995	44	1975.....	1,171	—13.4	1,160	892	11
1961.....	1,365	5.3	1,313	974	52	1976.....	1,548	32.2	1,538	1,162	10
1962.....	1,492	9.3	1,463	991	30	1977.....	2,002	29.8	1,987	1,451	15
1963.....	1,635	9.6	1,603	1,012	32	1978.....	2,036	1.7	2,020	1,433	16
1964.....	1,561	—4.5	1,529	970	32	1979.....	1,780	—13.8	1,745	1,194	15
1965.....	1,510	—3.3	1,473	964	37	1980.....	1,313	—25.4	1,292	852	20
1966.....	1,196	—20.8	1,165	779	31	1981: Jan.....	(NA)	(NA)	² 1,660	² 993	(NA)
1967.....	1,322	10.5	1,292	844	30	Feb.....	(NA)	(NA)	² 1,215	² 791	(NA)
						Mar.....	(NA)	(NA)	² 1,297	² 838	(NA)
1968.....	1,545	16.9	1,508	899	38	Apr.....	(NA)	(NA)	² 1,332	² 897	(NA)
1969.....	1,500	—2.9	1,467	811	33	May.....	(NA)	(NA)	² 1,158	² 764	(NA)
1970.....	1,469	—2.1	1,434	813	35	June.....	(NA)	(NA)	² 1,039	² 688	(NA)
1971.....	2,085	41.9	2,052	1,151	32	July.....	(NA)	(NA)	² 1,047	² 704	(NA)
1972.....	2,379	14.1	2,357	1,309	22	Aug. ³	(NA)	(NA)	² 934	² 598	(NA)
1973.....	2,057	—13.5	2,045	1,132	12	Sept. ³	(NA)	(NA)	² 918	² 615	(NA)
1974.....	1,352	34.3	1,338	888	15						

NA Not available. ¹ Change from 1959. ² Seasonally adjusted annual rate. ³ Preliminary.Source: U.S. Bureau of the Census, *Construction Reports*, series C20.

NO. 1366. NEW HOUSING UNITS STARTED—SELECTED CHARACTERISTICS: 1970 TO 1980

[In thousands. For composition of regions, see fig. 1, inside front cover. Beginning 1977, data for regions and structures are not available for publicly owned units. See also *Historical Statistics, Colonial Times to 1970*, series N 156-163]

CHARACTERISTIC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total.....	1,469	2,085	2,379	2,057	1,352	1,171	1,548	2,002	2,036	1,760	1,313
Northeast.....	224	271	334	278	183	150	170	202	201	178	126
North Central.....	301	440	445	442	320	295	401	465	451	350	220
South.....	829	884	1,068	906	561	448	575	784	824	748	646
West.....	315	490	532	431	288	278	402	539	547	473	307
Units inside SMSA's ¹	1,034	1,519	1,733	1,502	932	767	1,048	1,378	1,433	1,242	916
Units outside SMSA's ¹	435	566	646	556	420	405	499	612	590	507	383
Publicly owned.....	35	32	22	12	15	11	10	15	16	15	20
Privately owned.....	1,434	2,052	2,357	2,045	1,338	1,160	1,538	1,987	2,020	1,745	1,292
With FHA aid ²	421	528	371	163	95	98	144	178	178	178	178
With VA aid ²	61	94	104	86	73	77	100	131	127	122	95
In structures with:											
1 unit.....	815	1,153	1,311	1,133	889	896	1,166	1,452	1,436	1,196	854
2-4 units.....	96	133	151	124	77	68	89	122	125	123	113
5 units or more.....	558	799	917	800	387	208	292	415	463	430	333

¹ For definition of standard metropolitan statistical area (SMSA), see text, Appendix II. 1970-1975 based on 1967 definitions as amended through 1974; thereafter, on 1974 definitions as amended through 1975. ² Beginning 1972, source: U.S. Dept. of Housing and Urban Development, *HUD Statistical Yearbook*.Source: Except as noted, U.S. Bureau of the Census, *Construction Reports*, series C20, and unpublished data. Includes data from U.S. Federal Housing Administration and U.S. Veterans Administration.

NO. 1367. NEW MOBILE HOMES PLACED FOR RESIDENTIAL USE AND AVERAGE SALES PRICE, BY REGION: 1974 TO 1980

[A mobile home is a moveable dwelling, 10 feet or more wide and 35 feet or more long, designed to be towed on its own chassis and without need of a permanent foundation. Excluded are travel trailers, motor homes, and modular housing. Based on a probability sample and subject to sampling variability; see source. For composition of regions, see fig. 1, inside front cover]

REGION	UNITS (1,000)								AVERAGE SALES PRICE (\$1,000)							
	1974	1975	1976	1977	1978	1979	1980	1974	1975	1976	1977	1978	1979	1980	1974	1980
U.S.....	332.0	229.3	249.6	257.5	279.9	279.9	228.5	9.3	10.6	12.3	14.2	15.9	17.6	19.2		
Northeast.....	23.3	14.7	16.8	16.7	17.4	16.9	12.0	9.4	10.5	11.6	12.9	14.3	15.8	17.3		
North Central.....	67.5	48.5	51.5	50.7	49.5	47.3	31.7	9.3	10.7	11.6	13.5	15.1	16.1	17.8		
South.....	170.8	110.8	114.8	112.5	135.3	145.2	137.1	8.3	9.0	10.8	12.1	13.7	15.6	17.7		
West.....	70.4	55.2	66.5	77.7	77.7	70.5	47.6	11.6	13.6	16.0	18.1	20.6	23.1	25.0		

Source: U.S. Bureau of the Census, *Construction Reports*, series C20.

No. 1368. PRIVATE HOUSING STARTS, BY REGION, AND MOBILE HOMES: 1970 TO 1980

[In thousands of units, except percent. For composition of regions, see fig. 1, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series N 157 and N 170]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Private housing starts ¹	1,434	2,052	2,357	2,045	1,338	1,160	1,538	1,987	2,020	1,745	1,292
Single family	813	1,151	1,309	1,132	888	892	1,162	1,451	1,433	1,194	852
Condominiums ²	(NA)	(NA)	(NA)	69	46	20	30	41	42	43	35
Northeast	113	145	170	155	119	112	127	156	147	123	87
North Central	166	238	256	269	225	222	294	337	325	243	142
South	377	526	612	478	367	366	484	588	604	522	428
West	157	242	272	230	176	192	277	370	358	306	196
Multifamily	621	901	1,047	913	450	268	375	536	587	551	440
Percent of total	43.3	43.9	44.4	44.6	33.6	33.0	24.4	27.0	29.1	31.6	34.1
Condominiums ²	(NA)	(NA)	(NA)	172	130	45	64	77	113	156	150
Northeast	105	119	159	122	84	37	43	46	53	55	38
North Central	128	196	187	171	92	72	106	128	126	106	77
South	235	343	445	421	186	76	104	195	220	225	215
West	154	244	255	199	108	83	122	168	188	165	110
MOBILE HOMES ³											
Shipments to dealers	401	497	576	567	329	213	246	277	276	277	222
Percent of total private starts and mobile homes	21.9	19.5	19.6	21.7	19.7	15.5	13.8	12.2	12.0	13.7	14.6
Percent of single-family private starts and mobile homes	33.0	30.1	30.5	33.4	27.0	19.3	17.5	16.0	16.1	18.8	20.6

NA. Not available. ¹ Includes farm housing. ² Type of ownership under which the owners of the individual housing units are also joint owners of the common areas of the building or community. Includes a small number of cooperatively owned units. ³ A mobile home is a vehicular portable structure built on a chassis and designed to be used without a permanent foundation as a year-round dwelling when connected to utilities. The homes are defined as units more than 8 feet wide or 32 feet in length.

Source: U.S. Bureau of the Census, *Construction Reports*, series C20. Mobile home shipments data provided by Manufactured Housing Institute, Arlington, Va., through 1977; for 1978-1980, by the National Conference of States and Building Codes and Standards.

No. 1369. PERCENT OF NEW PRIVATELY OWNED COMPLETED ONE-FAMILY HOUSES WITH VARIOUS CHARACTERISTICS: 1970 TO 1980

[Percent distribution, except total houses. Data beginning 1975 show percent distribution of characteristics for all houses completed (includes new houses completed, houses built for sale completed, contractor-built and owner-built houses completed, and houses completed for rent). Data for 1970 cover contractor-built, owner-built, and houses for rent for year construction started and houses sold for year of sale. Percents exclude houses for which characteristics specified were not reported. See also headnote, table 1393]

CHARACTERISTIC	1970	1975	1978	1979	1980	CHARACTERISTIC	1970	1975	1978	1979	1980
Total houses (1,000)	793	875	1,389	1,301	957	Bathrooms	100	100	100	100	100
Financing	100	100	100	100	100	1 or less	32	24	15	16	18
Mortgage	84	82	86	84	81	1½	20	17	11	11	10
FHA-insured	30	9	8	11	16	2	32	40	48	48	48
VA-guaranteed	7	8	7	7	8	2½ or more	16	20	25	26	25
Conventional	47	58	69	63	55	Foundation	100	100	100	100	100
Farmers Home	47	58	69	63	55	Full or partial base-					
Admin	7	3	3	3	3	ment	37	45	42	42	36
Cash or equivalent	16	18	13	15	18	Slab	36	35	40	39	45
Floor area (sq. ft.)	100	100	100	100	100	Crawl space	27	20	18	19	19
Under 1,200	36	25	18	19	21	Heating fuel	100	100	100	100	100
1,200-1,599	28	30	28	28	29	Electricity	28	49	52	51	50
1,600-1,999	16	34	24	23	22	Gas	62	40	37	39	41
2,000-2,399	21	11	13	15	13	Oil	8	9	8	7	3
2,400 and over	21	11	13	15	15	Other	1	2	3	3	5
Number of stories	100	100	100	100	100	Central air-conditioning	100	100	100	100	100
1	74	65	81	59	60	With	34	46	58	60	63
2 or more	17	23	28	31	31	Without	66	54	42	40	37
Split level	10	12	11	11	8	Parking facilities	100	100	100	100	100
Bedrooms	100	100	100	100	100	Garage	58	67	74	73	69
2 or less	13	14	12	14	17	Carport	17	9	7	7	7
3	63	65	64	64	63	No garage or carport	25	24	18	20	24
4 or more	24	21	24	23	20						

Source: U.S. Bureau of the Census and U.S. Dept. of Housing and Urban Development, *Construction Reports*, series C25, *Characteristics of New Housing* (a joint publication).

NO. 1370. GROSS HOUSING PRODUCT—SUMMARY: 1960 TO 1979

(In billions of dollars. For definition of current and constant dollars, see text, p. 419)

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
CURRENT DOLLARS											
Total value of housing output ¹	46.7	63.3	90.3	108.4	119.3	132.6	144.5	160.5	180.3	205.5	233.1
Percent of GNP ²	9.2	9.2	9.1	9.1	9.0	9.2	9.3	9.3	9.4	9.5	9.7
Nonfarm housing	44.6	60.8	87.3	104.9	115.4	127.9	139.1	154.5	173.2	197.6	224.0
Owner-occupied	31.3	42.7	61.3	74.1	81.7	91.1	99.5	111.1	125.4	144.8	166.8
Tenant-occupied	13.3	18.2	26.0	30.8	33.7	36.8	39.5	43.4	47.8	52.8	57.2
Farm housing	2.1	2.5	3.0	3.5	3.9	4.7	5.4	6.0	7.1	7.8	9.1
Less: Intermediate goods and services consumed ..	7.9	9.1	12.4	15.9	17.6	19.9	22.4	25.9	27.9	34.5	38.3
Equals: Gross housing product	38.7	54.2	77.9	92.5	101.5	112.7	122.1	134.6	152.4	171.0	194.8
CONSTANT (1972) DOLLARS											
Total value of housing output ¹	62.0	78.6	98.1	108.4	113.9	119.9	123.8	130.1	137.4	146.3	154.2
Nonfarm housing	57.9	74.8	94.5	104.9	110.5	116.8	120.6	127.1	134.4	143.5	151.6
Owner-occupied	40.6	52.5	66.4	74.1	78.2	83.1	86.3	91.4	97.3	105.1	112.8
Tenant-occupied	17.2	22.3	28.1	30.8	32.3	33.5	34.3	35.7	37.1	38.4	38.7
Farm housing	4.1	3.9	3.7	3.5	3.3	3.3	3.2	3.1	2.9	2.8	2.7
Less: Intermediate goods and services consumed ..	10.6	11.3	13.5	15.9	16.9	17.9	19.0	20.9	20.9	24.3	25.0
Equals: Gross housing product	51.4	67.3	84.6	92.5	97.0	102.0	104.8	109.3	116.4	122.0	129.2

¹ Equals personal consumption expenditures (see text, pages 779 and 780) for housing less expenditures for transient hotels, motels, clubs, schools, and institutions. ² GNP=Gross national product.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76 and 1976-79*.

NO. 1371. RESIDENTIAL CAPITAL—STOCKS AND AVERAGE AGE: 1960 TO 1980

[As of Dec. 31. Data based on fixed residential capital formation components of the gross national product. For nonresidential business capital, see table 924. See *Historical Statistics, Colonial Times to 1970*, series F 528-534 and N 200-223 for related data]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
CAPITAL IN CURRENT DOLLARS (bil. dol.)											
Gross stocks ¹	664	796	1,163	1,652	1,862	2,017	2,274	2,627	3,135	3,493	3,891
Private nonfarm: 1-4 units	552	651	931	1,280	1,446	1,567	1,771	2,052	2,455	2,735	3,043
5 or more units	46	59	122	208	239	259	292	336	402	452	509
Farm (1-4 units)	41	41	52	64	71	75	82	91	106	114	123
Private nonhousekeeping	5	7	10	12	14	14	16	18	20	22	23
Mobile homes	4	6	15	27	34	37	42	49	57	65	74
Public: Federal, State and local	12	17	26	40	46	49	54	62	73	81	91
Net stocks ^{1 2}	418	514	754	1,287	1,224	1,319	1,484	1,716	2,046	2,279	2,527
Private nonfarm: 1-4 units	357	426	605	841	944	1,016	1,149	1,336	1,601	1,784	1,977
5 or more units	26	46	87	155	180	194	216	248	295	330	369
Farm (1-4 units)	18	18	22	27	29	31	34	38	44	47	51
Private nonhousekeeping	2	4	7	8	8	9	9	10	11	12	12
Mobile homes	3	4	10	19	23	24	27	30	34	38	41
Public: Federal, State and local	10	13	20	30	34	36	39	43	51	55	61
CAPITAL IN CONSTANT (1972) DOLLARS (bil. dol.)											
Gross stocks ¹	941	1,102	1,262	1,409	1,446	1,474	1,511	1,556	1,602	1,644	1,675
Private nonfarm: 1-4 units	786	905	1,012	1,099	1,121	1,144	1,174	1,211	1,247	1,279	1,302
5 or more units	65	96	132	175	185	189	193	198	204	211	217
Public: Federal, State and local	17	23	28	34	35	35	35	36	36	37	37
Farm (1-4 units)	59	58	56	55	55	54	54	54	54	53	53
Private nonhousekeeping	7	9	11	11	11	11	10	10	10	10	10
Mobile homes	3	6	14	24	27	28	30	32	34	36	37
Net stocks ^{1 2}	593	711	818	928	950	964	986	1,016	1,046	1,072	1,086
Private nonfarm: 1-4 units	508	591	657	717	729	742	762	788	814	834	846
5 or more units	37	64	95	132	140	142	143	146	150	154	158
Farm (1-4 units)	26	25	24	23	23	22	22	22	22	22	22
Private nonhousekeeping	3	6	7	7	6	6	6	6	6	6	5
Mobile homes	2	4	10	17	18	19	19	20	20	21	21
Public: Federal, State and local	14	18	21	25	26	26	25	25	25	25	25
AVERAGE AGE ³ (years)											
Gross stocks	28.0	26.5	25.9	24.9	24.8	24.9	24.9	24.8	24.7	24.7	24.8
Private nonfarm: 1-4 units	27.5	26.6	26.6	26.2	26.3	26.4	26.3	26.1	25.9	25.9	26.0
5 or more units	27.9	21.4	18.3	15.7	15.6	16.0	16.4	16.7	16.9	17.1	17.3
Farm (1-4 units)	45.0	45.5	45.9	46.2	46.0	46.0	46.0	45.8	45.6	45.7	45.6
Private nonhousekeeping	21.8	15.9	14.6	15.7	16.1	16.5	17.0	17.5	18.1	18.7	19.3
Mobile homes	4.7	5.0	4.7	4.6	4.9	5.4	5.9	6.2	6.5	6.7	7.1
Federal	15.0	15.8	16.6	17.2	17.4	18.8	20.2	21.2	21.8	22.9	23.8
State and local	9.8	11.7	13.2	14.4	15.0	15.7	16.5	17.2	17.8	18.4	18.9

¹ Includes other, not shown separately. ² Represents net value of structures at preceding year end plus net investment based on straight-line depreciation for year shown. ³ Constant-dollar stocks.

Source: U.S. Bureau of Economic Analysis, unpublished data.

NO. 1372. HOUSING UNITS—SUMMARY OF CHARACTERISTICS: 1960 TO 1979

(In thousands, except as indicated. Refers to 243 standard metropolitan statistical areas (SMSA's) as defined in 1970 census reports. For definition of SMSA, see text, Appendix II. For information on methodology, see Appendix III. For definition of median, see Guide to Tabular Presentation)

CHARACTERISTIC	1960	1970				1979			
		Total	Inside SMSA's		Outside SMSA's	Total	Inside SMSA's		Outside SMSA's
			Total	In central cities			Total	In central cities	
All housing units	58,326	68,672	46,289	22,608	22,383	86,374	57,484	25,422	26,890
All year-round units.....	56,584	67,699	46,083	22,584	21,616	84,586	57,145	25,389	27,441
Occupied units.....	53,024	63,445	43,858	21,395	19,586	78,572	53,641	23,697	24,931
Owner occupied.....	32,797	39,886	26,090	10,300	13,796	51,411	33,021	11,787	18,391
Percent of all occupied.....	61.9	62.9	59.5	48.1	70.4	65.4	61.6	49.7	73.8
Renter occupied.....	20,227	23,560	17,769	11,095	5,790	27,160	20,620	11,911	6,540
Vacant year-round.....	3,560	4,254	2,224	1,189	2,030	6,014	3,504	1,692	2,510
For sale only.....	522	501	298	130	203	677	436	186	241
Homeowner vacancy rate.....	1.6	1.2	1.1	1.2	1.5	1.3	1.3	1.5	1.3
For rent.....	1,453	1,686	1,142	745	524	1,600	1,107	651	493
Rental vacancy rate.....	6.7	6.8	6.0	6.3	8.3	5.5	5.0	5.1	6.9
Other vacant.....	1,084	2,087	784	314	1,303	3,738	1,960	855	1,777
Vacant, seasonal and migratory.....	1,742	973	206	24	766	1,788	340	33	1,449
Urban.....	40,764	50,145	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Rural.....	17,562	18,527	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cooperatives and condominiums:									
Owner occupied.....	(NA)	(NA)	(NA)	(NA)	(NA)	1,308	1,197	519	112
Cooperatives.....	(NA)	(NA)	(NA)	(NA)	(NA)	341	310	216	31
Condominiums.....	(NA)	(NA)	(NA)	(NA)	(NA)	967	887	303	81
Vacant for sale only.....	(NA)	(NA)	(NA)	(NA)	(NA)	77	64	33	13
Units in structure ¹ —									
1—unit.....	43,758	48,781	29,033	11,430	17,758	57,280	35,602	12,746	21,679
Percent of total units.....	77.3	68.1	63.0	50.6	82.2	67.7	62.3	50.2	79.0
2—4 units.....	7,552	9,007	7,184	4,753	1,823	10,785	8,525	5,256	2,260
5 or more units.....	6,238	9,829	8,934	6,225	895	12,810	11,579	7,173	1,331
Mobile home or trailer.....	767	2,073	933	176	1,140	3,610	1,439	214	2,172
Year structure built: ¹									
April 1970 or later.....	(X)	(X)	(X)	(X)	(X)	18,146	11,715	3,545	6,431
1960–March 1970.....	(X)	16,956	11,849	4,172	5,106	17,592	12,298	4,397	5,293
1950–1959.....	16,046	14,499	10,708	4,304	3,791	13,982	10,177	3,984	3,804
1940–1949.....	8,640	8,788	6,147	14,108	2,639	7,963	5,451	2,687	2,512
1939 or earlier.....	33,632	27,458	17,378	(NA)	10,080	26,904	17,503	10,776	9,401
Percent built prior to 1940.....	57.7	40.6	37.7	(NA)	46.6	31.8	30.6	42.4	34.3
Units with ¹ —									
1–3 rooms.....	11,400	11,028	8,305	5,461	2,725	12,614	9,589	5,908	3,026
4 rooms.....	12,435	14,113	9,230	4,904	4,883	16,658	11,071	5,286	5,588
5 rooms.....	14,323	16,998	11,233	5,286	5,765	20,134	12,883	5,660	7,251
6 rooms.....	11,141	13,609	9,271	4,078	4,338	17,195	11,403	4,754	5,791
7 or more rooms.....	9,020	11,950	8,044	2,856	3,906	17,984	12,199	3,780	5,786
Median number of rooms.....	4.9	5.0	5.0	4.7	5.1	5.1	5.1	4.8	5.2
Persons per unit (median):									
Owner occupied.....	3.1	3.0	3.1	2.8	2.7	2.6	2.7	2.5	2.5
Renter occupied.....	2.6	2.3	2.2	2.1	2.6	2.0	1.9	1.8	2.1
Units lacking some or all plumbing facilities ¹	7,899	4,398	1,494	716	2,904	2,353	823	386	1,531
Percent.....	13.2	6.5	3.2	3.2	13.4	2.8	1.4	1.5	5.6
Percent of units with—									
Telephone ²	78.5	87.0	89.1	88.5	82.2	91.6	92.6	90.1	89.4
Air conditioning ¹	12.4	36.7	39.7	38.2	30.0	54.5	55.1	52.8	51.2
Central system ¹	1.9	10.7	12.3	11.0	7.5	25.2	26.8	22.2	21.6
One or more automobiles ²	78.4	82.5	81.4	71.6	85.0	(NA)	(NA)	(NA)	(NA)
Public sewer ¹	(NA)	70.2	82.1	96.2	47.9	73.4	84.7	97.5	49.9
Public or private company water ¹	(NA)	81.7	91.0	89.0	61.7	83.9	92.0	99.2	68.9
Basement ¹	54.0	50.9	55.5	58.3	41.1	(NA)	(NA)	(NA)	(NA)
Second home owner ²	(NA)	4.6	4.5	4.2	4.7	(NA)	(NA)	(NA)	(NA)

NA Not available. X Not applicable. ¹ For 1960, all housing units, based on a complete count, but tabulated on a 20-percent sample basis. For 1970 and 1979, all year-round units. ² Occupied housing units.

Source: U.S. Bureau of the Census, *U.S. Census of Housing: 1960*, vol. I, and *Current Housing Reports*, series H-150-79, Annual Housing Survey, part A, *General Housing Characteristics for the United States and Regions*.

No. 1373. ESTIMATES OF THE HOUSING INVENTORY AND CHANGE: 1970 TO 1979

(Minus sign (-) denotes decrease. For explanation of percent change, see Guide to Tabular Presentation)

TENURE, RACE, AND VACANCY STATUS	TOTAL UNITS, 1970		TOTAL UNITS, 1979		Percent average annual change, 1970- 1979	NEW UNITS CONSTRUCTED, 1970-1979 ¹		UNITS REMOVED, 1973-1979 ²	
	Number (1,000)	Per- cent	Number (1,000)	Per- cent		Number (1,000)	Per- cent	Number (1,000)	Per- cent
All housing units	68,672	100.0	86,374	100.0	2.6	18,421	100.0	4,328	100.0
All year-round units	67,609	98.6	84,586	97.9	2.5	18,146	98.5	4,280	98.9
Occupied units	63,445	92.4	78,572	91.0	2.4	16,724	90.8	3,547	82.0
Owner occupied ³	39,886	58.1	51,411	59.5	2.9	11,804	63.0	1,422	32.9
White	37,005	53.9	47,055	54.5	2.7	10,823	58.8	1,252	28.9
Black	2,568	3.7	3,711	4.3	4.2	562	3.1	156	3.6
Renter occupied ³	23,560	34.3	27,160	31.4	1.6	5,119	27.8	2,125	49.1
White	19,601	28.5	21,731	25.2	1.2	4,398	23.9	1,534	35.4
Black	3,607	5.3	4,643	5.4	2.9	586	3.2	548	12.7
Vacant year-round	4,254	6.2	6,014	6.9	3.9	1,422	7.7	733	16.9
For sale only	501	.7	877	.8	.3	272	1.5	42	1.0
For rent	1,686	2.4	1,600	1.8	-.5	360	1.9	236	5.4
Other vacant	2,067	3.0	3,738	4.3	6.7	790	4.3	454	10.5
Vacant or seasonal ⁴	973	1.4	1,788	2.1	7.0	275	1.5	48	1.1

¹ Apr. 1, 1970, to Oct. 31, 1979. ² Removed between Oct. 1973 and Oct. 31, 1979, by demolition, disaster, or other means.³ Includes races not shown separately. ⁴ Includes migratory.

No. 1374. HOUSING UNITS, BY GEOGRAPHIC REGIONS: 1960 TO 1979

(In thousands, except percent. See headnote, table 1372. For composition of regions, see fig. 1, inside front cover)

YEAR AND LOCATION	TOTAL					PERCENT DISTRIBUTION				
	U.S.	North- east	North Central	South	West	U.S.	North- east	North Central	South	West
1960, total	58,326	14,798	16,798	17,173	9,558	100.0	100.0	100.0	100.0	100.0
Inside SMSA's	38,633	11,894	10,514	9,052	7,233	66.2	80.0	62.6	52.7	75.7
Central cities	20,440	6,005	5,695	5,208	3,531	35.0	40.6	33.9	30.3	36.9
Not in central cities	18,193	5,829	4,818	3,844	3,701	31.2	39.4	28.7	22.4	38.7
Outside SMSA's	19,893	2,964	6,284	8,121	2,325	33.8	20.0	37.4	47.3	24.3
1970, total	68,672	16,642	18,971	21,000	12,029	100.0	100.0	100.0	100.0	100.0
Inside SMSA's	46,269	13,036	12,206	11,651	9,395	67.4	78.3	64.3	55.4	78.1
Central cities	22,606	6,212	5,978	6,166	4,252	32.9	37.3	31.5	29.3	35.3
Not in central cities	23,661	6,824	6,228	5,486	5,143	34.5	41.0	32.8	26.1	42.8
Outside SMSA's	22,383	3,606	6,765	9,379	2,634	32.6	21.7	35.7	44.6	21.9
1979, total	86,374	18,953	22,495	28,271	16,656	100.0	100.0	100.0	100.0	100.0
Inside SMSA's	57,484	14,398	14,353	15,753	12,981	66.6	76.0	63.8	55.7	77.9
Central cities	25,422	6,318	6,243	7,445	5,416	29.5	33.4	27.8	26.3	32.5
Not in central cities	32,062	8,080	8,110	8,308	7,565	37.1	42.6	36.0	29.4	45.4
Outside SMSA's	28,890	4,555	8,142	12,518	3,675	33.4	24.0	36.2	44.3	22.1

No. 1375. YEAR-ROUND HOUSING UNITS—TENURE AND RACE: 1960 TO 1979

(In thousands. See headnote, table 1372)

ITEM	Total	OWNER OCCUPIED			RENTER OCCUPIED			VACANT YEAR- ROUND	
		Total	Black	White and other	Total	Black	White and other	Total	For rent
1960, total	56,551	32,795	1,811	30,964	20,226	2,979	17,246	3,531	1,592
Lacking some or all plumbing	8,992	3,470	644	2,826	4,315	1,363	2,952	1,208	469
Inside SMSA's	37,939	21,311	1,186	20,125	14,556	2,182	12,374	2,072	1,088
In central cities	20,147	9,141	852	8,289	9,942	1,862	8,080	1,064	720
Outside central cities	17,792	12,170	334	11,836	4,614	320	4,295	1,008	368
Outside SMSA's	18,612	11,484	625	10,868	5,670	797	4,872	1,459	604
1970, total	67,699	39,886	2,568	37,319	23,560	3,607	19,953	4,254	1,666
Lacking some or all plumbing	4,872	1,809	386	1,423	1,963	656	1,308	900	236
Inside SMSA's	46,093	26,090	1,825	24,265	17,769	2,913	14,856	2,224	1,142
In central cities	22,584	10,300	1,335	8,965	11,095	2,498	8,597	1,189	745
Outside central cities	23,499	15,790	490	15,300	6,674	416	6,259	1,035	397
Outside SMSA's	21,616	13,796	742	13,054	5,790	693	5,097	2,030	524
1979, total	84,586	51,411	3,711	47,700	27,160	4,643	22,517	6,014	1,600
Lacking some or all plumbing	2,353	731	182	549	984	340	644	638	126
Inside SMSA's	57,145	33,021	2,683	30,338	20,620	3,892	16,728	3,504	1,107
In central cities	25,389	11,787	1,856	9,931	11,911	3,115	8,796	1,692	651
Outside central cities	31,756	21,234	827	20,407	8,710	776	7,934	1,812	456
Outside SMSA's	27,441	18,381	1,028	17,363	6,540	752	5,788	2,510	493

Source of tables 1373-1375: U.S. Bureau of the Census, *Census of Housing, 1970*, vol. VI and *Current Housing Reports*, series H-150, Annual Housing Survey: 1979, part A, *General Housing Characteristics for the United States and Regions*.

No. 1376. HOUSING UNITS—SELECTED CHARACTERISTICS, BY STATES: 1980

STATE	Total units (1,000)	YEAR-ROUND UNITS								
		Total (1,000)	Owner occupied			Renter occupied			Vacancy rate	
			Total (1,000)	Per- cent lack- ing com- plete plumb- ing ¹	Median value, speci- fied owner (dol.)	Total (1,000)	Per- cent lack- ing com- plete plumb- ing ¹	Median con- tract rent, speci- fied renter (dol.)	Home- owner	Rental
U.S.	88,397	86,678	51,787	1.4	47,200	28,591	3.6	198	1.8	7.1
Ala.	1,467	1,449	941	2.7	33,900	400	7.7	119	1.6	8.3
Alaska.	163	154	77	11.7	76,300	55	8.6	340	3.6	15.4
Ariz.	1,110	1,066	653	1.9	54,700	303	2.6	227	2.8	11.6
Ark.	898	888	575	3.1	31,100	240	6.8	127	1.6	8.8
Calif.	9,279	9,221	4,825	.4	84,500	3,805	2.2	253	2.3	5.1
Colo.	1,194	1,169	684	.6	64,100	377	2.5	223	3.0	8.8
Conn.	1,159	1,144	699	.5	65,600	394	2.6	203	1.2	4.7
Del.	239	230	143	.9	44,400	64	3.6	202	1.7	9.2
D.C.	277	277	90	.5	68,800	163	3.0	207	4.0	5.9
Fla.	4,375	4,266	2,555	.6	45,100	1,186	2.3	208	2.4	9.8
Ga.	2,029	2,013	1,217	1.7	36,900	655	5.9	153	1.7	7.9
Hawaii.	334	332	152	1.1	118,100	142	3.4	271	1.4	10.3
Idaho.	375	360	233	1.0	45,600	91	2.4	171	2.3	11.4
Ill.	4,317	4,300	2,532	.9	52,800	1,511	3.1	201	1.8	6.9
Ind.	2,092	2,063	1,382	1.1	37,200	545	2.9	166	1.6	8.5
Iowa.	1,131	1,121	756	1.1	40,600	296	3.2	175	1.6	7.3
Kans.	955	950	612	.8	37,800	260	2.1	168	2.3	9.2
Ky.	1,369	1,355	885	4.8	34,200	379	10.4	151	1.4	8.1
La.	1,548	1,534	925	1.4	43,000	486	4.2	156	1.5	8.1
Maine.	501	427	280	4.5	37,900	115	5.8	172	1.7	7.1
Md.	1,571	1,549	906	1.1	58,300	555	3.2	222	1.5	5.5
Mass.	2,208	2,140	1,170	.7	48,400	863	2.6	197	1.0	5.1
Mich.	3,590	3,448	2,322	.7	39,000	873	2.7	196	1.4	7.3
Minn.	1,613	1,530	1,036	1.4	53,100	410	3.8	212	1.5	5.8
Miss.	912	904	588	3.5	31,400	239	11.9	109	1.3	8.2
Mo.	1,989	1,962	1,249	1.6	36,700	545	3.2	153	2.0	9.0
Mont.	328	315	195	1.5	46,500	89	4.1	165	1.9	11.0
Nebr.	625	619	391	.8	38,000	180	2.1	170	2.0	7.9
Nev.	340	337	181	.4	68,700	123	2.3	268	3.6	10.2
N.H.	386	349	219	1.8	48,000	105	3.9	205	1.7	6.1
N.J.	2,772	2,688	1,580	.7	60,200	969	3.0	226	1.4	4.8
N. Mex.	506	492	300	3.6	45,300	141	3.6	177	2.1	11.0
N.Y.	6,869	6,698	3,083	1.2	45,600	3,257	3.8	210	1.2	4.1
N.C.	2,271	2,220	1,396	2.4	36,000	645	7.8	134	1.5	7.8
N. Dak.	259	253	156	1.9	43,900	71	3.7	175	2.6	8.9
Ohio.	4,108	4,077	2,623	1.1	44,900	1,211	3.0	167	1.5	7.7
Okla.	1,237	1,229	791	1.1	35,600	328	2.3	164	2.3	10.8
Oreg.	1,083	1,071	646	.7	56,900	346	2.7	212	2.0	7.4
Pa.	4,597	4,510	2,951	1.1	39,100	1,269	3.6	173	1.4	6.8
R.I.	373	363	199	.9	46,800	140	2.8	158	1.1	7.5
S.C.	1,154	1,121	723	2.2	35,100	307	8.6	130	1.6	8.9
S. Dak.	277	269	168	2.2	36,600	75	3.7	148	2.1	10.1
Tenn.	1,747	1,737	1,110	2.7	35,600	508	5.8	148	1.7	7.9
Tex.	5,549	5,480	3,169	1.5	39,100	1,760	2.8	213	2.5	10.9
Utah.	490	481	317	.5	57,300	131	1.9	187	2.6	7.8
Vi.	223	196	123	2.3	42,200	56	3.7	174	1.5	6.2
Va.	2,021	1,998	1,221	3.2	48,000	641	6.2	207	1.7	6.5
Wash.	1,689	1,650	1,011	.6	59,900	529	2.4	219	2.1	7.3
W. Va.	748	736	505	4.2	36,500	181	10.2	136	1.3	7.2
Wis.	1,864	1,753	1,127	1.3	48,600	525	3.3	185	1.3	5.0
Wyo.	188	182	115	.8	59,800	51	3.2	217	2.2	9.7

¹ Represents housing units that do not have all three specified plumbing facilities (hot and cold piped water, a flush toilet, and a bathtub or shower) for the exclusive use of the occupants.

Source: U.S. Bureau of the Census, 1980 Census of Housing, Supplementary Reports, HC80-S1-1.

NO. 1377. OCCUPIED HOUSING UNITS—TENURE, AND POPULATION PER OCCUPIED UNIT, BY RACE OF HOUSEHOLD HEAD AND BY RESIDENCE: 1920 TO 1979

[In thousands, except as indicated. Prior to 1960, excludes Alaska and Hawaii. Tenure allocated for housing units which did not report. Minus sign (—) denotes decrease. For explanation of average annual percent change, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series N 238-245]

YEAR, RACE, AND RESIDENCE	OCCUPIED UNITS ¹				AVERAGE ANNUAL PERCENT CHANGE ²		Population per-occupied unit ⁴	
	Total	Owner occupied		Renter occupied		Total occupied units		Total population ³
		Number	Percent	Number	Percent			
TOTAL								
1920.....	24,352	11,114	45.6	13,238	54.4	1.9	1.4	4.3
1930.....	29,905	14,280	47.8	15,624	52.2	2.1	1.5	4.1
1940.....	34,855	15,196	43.6	19,659	56.4	1.5	.7	3.8
1950.....	42,826	23,560	55.0	19,266	45.0	2.1	1.4	3.5
1960.....	53,024	32,797	61.9	20,227	38.1	2.2	1.7	3.4
1970.....	63,445	39,886	62.9	23,560	37.1	1.8	1.2	3.2
1975.....	72,523	46,867	64.6	25,656	35.4	2.7	1.0	(NA)
1976.....	74,005	47,904	64.7	26,101	35.3	2.0	1.0	(NA)
1977.....	75,280	48,765	64.8	26,515	35.2	1.7	1.0	(NA)
1978.....	77,167	50,283	65.2	26,884	34.8	2.5	1.1	(NA)
1979.....	78,572	51,411	65.4	27,160	34.6	1.8	1.1	(NA)
RACE								
White:								
1920.....	21,826	10,511	48.2	11,315	51.8	(NA)	1.5	4.3
1930.....	26,983	13,544	50.2	13,439	49.8	2.1	1.5	4.1
1940.....	31,561	14,418	45.7	17,143	54.3	1.6	.7	3.7
1950.....	39,044	22,241	57.0	16,803	43.0	2.2	1.3	3.3
1960.....	47,880	30,623	64.4	17,057	35.6	2.1	1.6	3.2
1970.....	56,529	36,979	65.4	19,551	34.6	1.7	1.2	3.1
1975.....	63,860	43,072	67.4	20,788	32.6	2.5	.8	(NA)
1976.....	65,114	44,024	67.6	21,090	32.4	2.0	.6	(NA)
1977.....	66,111	44,762	67.7	21,349	32.3	1.5	.6	(NA)
1978.....	67,664	46,076	68.1	21,588	31.9	2.4	.7	(NA)
1979.....	68,786	47,055	68.4	21,731	31.6	1.7	.7	(NA)
Black and other:								
1920.....	2,526	603	23.9	1,923	76.1	(NA)	.6	4.3
1930.....	2,922	737	25.2	2,185	74.8	1.5	1.4	4.3
1940.....	3,293	778	23.6	2,516	76.4	1.2	.7	4.1
1950.....	3,783	1,319	34.9	2,464	65.1	1.4	1.6	3.9
1960.....	5,144	1,974	38.4	3,171	61.6	3.1	2.4	3.9
1970.....	6,920	2,907	42.0	4,014	58.0	3.0	2.3	3.5
1975.....	8,663	3,795	43.8	4,868	56.2	4.6	2.1	(NA)
1976.....	8,891	3,880	43.6	5,011	56.4	2.6	2.0	(NA)
1977.....	9,169	4,003	43.7	5,166	56.3	3.1	1.9	(NA)
1978.....	9,503	4,207	44.3	5,296	55.7	3.6	2.0	(NA)
1979.....	9,786	4,356	44.5	5,429	55.5	3.0	2.0	(NA)
RESIDENCE								
Nonfarm:								
1920.....	17,600	7,189	40.8	10,411	59.2	2.2	(NA)	4.2
1930.....	23,300	10,721	46.0	12,579	54.0	2.8	2.3	4.0
1940.....	27,748	11,413	41.1	16,335	58.9	1.8	.9	3.7
1950.....	37,105	19,802	53.4	17,304	46.6	2.9	2.4	3.3
1960 ⁵	49,458	30,164	61.0	19,294	39.1	2.9	2.5	3.3
1970 ⁵	60,351	37,393	62.0	22,957	38.0	2.0	1.7	3.1
1975.....	69,880	44,714	64.0	25,166	36.0	3.0	(NA)	(NA)
1976.....	71,335	45,711	64.1	25,624	35.9	2.1	(NA)	(NA)
1977 ⁵	72,661	46,602	64.1	26,060	35.9	1.9	(NA)	(NA)
1978 ⁵	74,847	48,322	64.6	26,525	35.4	3.0	(NA)	(NA)
Farm:								
1920 ⁶	6,751	3,925	58.1	2,827	41.9	1.0	(NA)	4.7
1930.....	6,605	3,560	53.9	3,045	46.1	—2	—5	4.6
1940.....	7,107	3,783	53.2	3,324	46.8	—7	(Z)	4.3
1950.....	5,721	3,758	65.7	1,963	34.3	—2.1	—2.8	4.0
1960 ⁵	3,566	2,633	73.8	933	26.2	—4.6	—3.8	3.8
1970 ⁵	3,095	2,492	80.5	603	19.5	—1.4	—4.7	3.4
1975.....	2,644	2,154	81.5	490	18.5	—3.1	(NA)	(NA)
1976.....	2,670	2,193	82.1	477	17.9	1.0	(NA)	(NA)
1977 ⁵	2,618	2,164	82.7	455	17.4	—2.0	(NA)	(NA)
1978 ⁵	2,320	1,961	84.5	359	15.5	—11.4	(NA)	(NA)

NA Not available. Z Less than .05 percent. ¹ Statistics on the number of occupied units are essentially comparable although identified by various terms—the term "family" applies to figures for 1920 and 1930; "occupied dwelling unit," 1940 and 1950; and "occupied housing unit," 1960 to 1979. For 1920, includes the small number of quasifamilies; for 1930, represents private families only. ² For 1920, change from 1910. ³ Based on total resident population; see tables 1, 2, and 28. ⁴ From 1950 to 1970, population in occupied housing units was determined by dividing population in housing units by number of occupied housing units. Population data exclude persons in institutions and other group quarters (see table 77). ⁵ Not comparable with data for earlier censuses because of a basic change in definition of farm residence. For definitions used in 1960 and 1970, see text, p. 856. ⁶ Includes a small proportion of urban-farm families in addition to rural-farm.

Source: U.S. Bureau of the Census, *Census of Population and Housing: 1960 and 1970*; and *Current Housing Reports*, series H-150, Annual Housing Survey, part A, *General Characteristics for the United States and Regions*.

NO. 1378. OCCUPIED HOUSING UNITS—PERCENT OF HOME OWNERSHIP, BY RACE OF HOUSEHOLD HEAD, INSIDE AND OUTSIDE SMSA'S, BY REGION: 1960 TO 1979

[See headnote, table 1372. For composition of regions, see fig. 1 inside front cover]

YEAR AND REGION	TOTAL		INSIDE SMSA'S						OUTSIDE SMSA'S	
	White	Black ¹	Total		In central cities		SMSA remainder		White	Black ¹
			White	Black ¹	White	Black ¹	White	Black ¹		
1960: United States	64.4	38.4	62.1	35.7	51.1	31.7	73.4	51.6	69.0	44.8
Northeast	58.1	27.0	55.5	26.4	37.5	22.3	72.6	46.7	70.0	42.0
North Central	69.1	35.8	67.3	34.2	56.0	31.4	79.2	56.5	72.0	54.3
South	66.4	41.6	65.9	39.7	60.5	35.9	72.3	51.3	67.1	43.6
West	62.5	44.6	61.6	42.5	55.0	38.4	67.7	54.0	65.5	54.6
1970: United States	65.4	41.6	62.3	38.5	51.3	34.8	71.1	54.1	72.1	51.7
Northeast	60.4	28.6	57.4	28.1	38.8	24.2	71.7	47.3	72.1	42.6
North Central	70.2	42.0	67.8	41.3	56.5	38.9	76.5	58.8	74.4	56.3
South	68.2	46.9	65.3	43.4	59.5	39.1	70.7	57.3	71.9	52.0
West	60.2	40.1	58.6	40.0	52.0	36.6	63.6	49.6	66.1	42.1
1979: United States	68.4	44.4	65.0	40.8	53.8	37.3	72.3	51.6	75.2	57.8
Northeast	63.3	31.4	60.1	31.0	41.2	27.4	71.8	45.8	73.9	37.0
North Central	72.9	44.2	71.2	43.8	60.4	41.0	77.6	58.0	75.9	49.5
South	72.0	50.4	67.5	44.8	58.8	40.5	73.8	55.6	77.4	60.3
West	62.5	39.2	60.9	39.5	54.8	39.1	64.9	40.5	68.1	33.3

¹ For 1960, represents Black and other races.

Source: U.S. Bureau of the Census, *Census of Population and Housing: 1970, PHC(2), General Demographic Trends for Metropolitan Areas, 1960 to 1970*; and *Current Housing Reports*, series H-150-79, Annual Housing Survey: 1979, part A.

NO. 1379. OCCUPIED HOUSING UNITS—FINANCIAL SUMMARY: 1970 AND 1979

[In thousands, except as indicated. See headnote, table 1372. For definition of median, see Guide to Tabular Presentation]

CHARACTERISTIC	1970					1979				
	Total	Inside SMSA's			Outside SMSA's	Total	Inside SMSA's			Outside SMSA's
		Total	In central cities	Not in central cities			Total	In central cities	Not in central cities	
Occupied units, total	63,445	43,859	21,395	22,464	19,586	78,572	53,641	23,697	29,944	24,931
Median income:										
Owner occupied (\$1,000)	9.7	11.0	10.1	11.6	7.5	18.3	20.3	18.0	21.4	15.2
Renter occupied (\$1,000)	6.3	6.7	6.1	7.7	5.3	10.0	10.3	9.1	11.8	9.0
Specified owner occupied ¹	31,726	22,059	8,543	13,516	9,667	41,336	27,923	9,863	18,059	13,414
With value of—										
Less than \$20,000	19,556	11,963	5,608	6,356	7,594	4,034	1,824	1,119	705	2,211
\$20,000-\$24,999	4,880	3,740	1,214	2,526	940	2,352	1,227	684	543	1,125
\$25,000-\$34,999	4,444	3,709	1,044	2,665	736	6,091	3,455	1,702	1,752	2,636
\$35,000-\$49,999	2,050	1,760	444	1,316	289	10,090	8,657	2,370	4,287	3,433
\$50,000-\$74,999					110	10,608	7,843	2,248	5,594	2,765
\$75,000 and over	997	887	234	653		8,160	6,919	1,740	5,178	1,241
Median—										
Value (\$1,000)	17.1	19.0	16.4	20.8	12.2	47.1	52.3	43.7	57.1	38.0
Real estate taxes ² (dol.)	(NA)	(NA)	(NA)	(NA)	(NA)	\$453	\$575	\$451	\$649	\$255
Units monthly costs ³ —										
With mortgages (dol.)	(NA)	(NA)	(NA)	(NA)	(NA)	\$337	\$354	\$310	\$378	\$294
Owned clear (dol.)	(NA)	(NA)	(NA)	(NA)	(NA)	\$116	\$130	\$118	\$138	\$99
Specified renter occupied ⁴	22,334	17,433	11,033	6,401	4,900	26,560	20,473	11,906	8,567	6,077
With gross rent of—										
Less than \$80	5,466	3,499	2,619	879	1,968	1,482	983	748	235	500
\$80-\$99	3,701	2,879	2,099	779	822	877	560	398	182	317
\$100-\$119	3,332	2,739	1,845	894	592		2,200	1,613	588	1,016
\$120-\$149	3,772	3,283	1,967	1,316	485					
\$150-\$199	3,304	2,986	1,525	1,461	318	5,155	3,753	2,545	1,208	1,402
\$200-\$299	1,194	1,110	547	563	84	9,411	7,810	4,338	3,473	1,600
\$300 and over	265	254	145	108	12	5,119	4,525	1,972	2,552	593
No cash rent	1,300	685	284	400	615	1,287	640	293	348	647
Median rent	\$108	\$114	\$107	\$130	\$84	\$217	\$229	\$209	\$255	\$181

NA. Not available. ¹ Includes only 1-family homes on less than 10 acres and no business on the property. ² Taxes paid previous year. ³ Covers real estate taxes, property insurance, utilities, fuel, water, garbage and trash collection, and mortgage.

⁴ Excludes 1-family homes on 10 acres or more.

Source: U.S. Bureau of the Census, *Current Housing Reports*, H-150-79 Annual Housing Survey: 1979 part A, *General Housing Characteristics for the United States and Regions*.

NO. 1380. SELECTED CHARACTERISTICS OF OCCUPIED UNITS: 1960 TO 1980

(Percent distribution. Annual averages)

CHARACTERISTIC	OCCUPIED, 1960 ¹			OCCUPIED, 1970 ¹			OCCUPIED, 1979			OCCUPIED, 1980		
	Total	Owner	Rent-er	Total	Owner	Rent-er	Total	Owner	Rent-er	Total	Owner	Rent-er
Rooms in unit:												
1-2 rooms.....	6	23	14	4	17	10	4	1	11	4	1	10
3-4 rooms.....	32		51	28		51	29	15	56	29	15	56
5 rooms.....	26	29	19	26	28	21	24	26	19	24	26	20
6 rooms.....	20	26	10	22	27	11	21	27	9	21	27	9
7 rooms or more.....	16	22	6	20	28	7	22	31	5	22	31	5
Units in structure:												
1 unit.....	76	94	48	74	94	38	73	94	33	73	94	34
2-4 units.....	32		25	14		29	13	4	28	12	4	27
5-9 units.....	11	6	9	4	6	11	14	2	12	15	2	12
10 units or more.....			8			22						27
With all plumbing facilities.....	84	89	77	95	97	91	98	99	96	98	99	96
Year structure built:												
1965 or later.....	(X)	(X)	(X)	12	13	9	33	34	30	34	35	32
1960-1964.....	(X)	(X)	(X)	12	13	10	10	10	9	10	10	9
1950-1959.....	27	34	16	19	24	12	17	20	12	17	20	12
1940-1949.....	15	16	13	14	13	9	9	9	9	9	9	9
1939 or earlier.....	58	50	71	43	36	56	31	27	40	30	26	38

X Not applicable. ¹ As of April 1.Source: U.S. Bureau of the Census, *Census of Housing, 1960 and 1970; Current Housing Reports*, series H-150-79, and unpublished data.

NO. 1381. CHARACTERISTICS OF HOMEOWNERS AND RENTERS, BY INCOME: 1979

(Income data refer to the 12 months prior to interviews, which were conducted between October and December)

CHARACTERISTIC	OWNER OCCUPIED UNITS WITH INCOME OF—				RENTER OCCUPIED UNITS WITH INCOME OF—			
	Under \$10,000	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 and over	Under \$10,000	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 and over
Occupied units, total (1,000).....	12,309	8,403	14,891	15,809	13,564	5,971	5,445	2,181
	PERCENT							
Male head, wife present, no relatives.....	41.6	67.7	81.2	89.6	21.1	43.2	57.0	69.8
Female head (2 or more persons).....	13.9	12.6	7.4	3.6	26.7	15.5	10.7	6.2
One-person household.....	41.5	14.9	7.4	3.3	45.2	32.2	24.2	17.1
Household head 65 years and over.....	57.9	28.0	14.1	9.6	27.9	9.7	7.5	7.2
Own children under 18 years.....	17.1	38.7	51.9	53.2	29.6	35.7	36.9	37.4
Lacking some or all plumbing facilities.....	4.0	1.4	.6	.2	5.7	2.2	1.1	.7
With 1.01 persons or more per room.....	2.2	3.4	3.6	3.0	5.7	6.7	5.2	4.8
Built 1960 or later.....	31.5	40.9	46.1	54.2	33.4	41.3	46.1	53.7
With units inside SMSA's ¹	53.7	59.7	64.2	74.9	73.5	75.3	79.5	84.0
In central cities.....	23.3	23.3	22.4	22.9	47.8	40.3	39.9	38.8
With air-conditioning ²	48.1	56.1	61.3	66.5	36.4	51.5	58.1	67.7

¹ For definition, see text, Appendix II. ² Covers room units and central systems.Source: U.S. Bureau of the Census, *Current Housing Reports*, series H-150-79, Annual Housing Survey: 1979, part B and part C.

NO. 1382. OCCUPIED UNITS—SELECTED STRUCTURAL DEFICIENCIES, BY RESIDENCE: 1978

(Data based on respondent's opinion of his/her unit. See headnote, table 1372)

ITEM	U.S. total	Total in SMSA's	In central cities of SMSA's	Not in central cities of SMSA's	Outside SMSA's	North-east	North Central	South	West
Occupied units (1,000).....	77,167	52,722	23,436	29,286	24,445	16,952	20,171	25,094	14,950
Percent of units with—									
Some or all wiring exposed.....	3.2	2.7	3.0	2.5	4.1	2.8	3.0	3.6	3.2
Signs of water leakage—									
In roof.....	6.1	5.6	6.3	5.1	7.2	5.8	5.5	7.1	5.8
In basement.....	11.0	10.5	9.1	11.7	12.0	18.4	18.0	4.8	3.6
Cracks or holes in walls.....	5.9	5.9	8.1	4.2	6.0	7.1	4.8	6.7	4.9
Broken plaster.....	3.7	3.8	5.5	2.4	3.6	5.2	3.5	3.6	2.4
Peeling paint.....	4.5	4.7	6.7	3.0	4.0	6.6	3.6	4.2	3.4
Holes in floor.....	1.9	1.7	2.4	1.2	2.2	2.1	1.1	2.7	1.3

Source: U.S. Bureau of the Census, *Current Housing Reports*, series H-150-78, Annual Housing Survey: 1978, part B and part C.

NO. 1383. HEATING EQUIPMENT AND FUELS FOR OCCUPIED UNITS: 1950 TO 1979

(In thousands, except percent)

ITEM	1950	1960	1970	1975	1979	PERCENT DISTRIBUTION				
						1950	1960	1970	1975	1979
Occupied units, total.....	42,826	53,024	63,445	72,523	78,572	100.0	100.0	100.0	100.0	100.0
Warm air furnace.....	¹ 11,508	17,378	27,515	36,999	² 42,198	26.9	32.8	43.4	51.0	² 53.7
Steam or hot water.....	10,071	11,980	13,211	13,792	13,679	23.5	22.6	20.8	19.0	17.4
Floor, wall, or pipeless furnace.....	(¹)	6,088	5,552	6,580	6,225	(¹)	11.5	8.8	9.1	7.9
Built-in electric units.....	-	664	3,236	4,625	5,956	-	1.3	5.1	6.4	7.6
Room heaters with flue.....	³ 15,399	11,183	7,209	4,747	4,316	36.0	21.1	11.4	6.5	5.5
Room heaters without flue.....	5,268	5,218	3,558	3,330	3,050	12.3	9.8	5.6	4.6	3.9
Fireplaces, stoves, or heaters ⁴	(³)	(³)	2,766	1,982	2,578	(³)	(³)	4.4	2.7	3.3
None.....	581	503	398	468	570	1.4	.9	.6	.6	.7
House heating fuel:										
Utility gas.....	11,387	22,851	35,014	40,933	43,322	26.6	43.1	55.2	58.4	55.1
Fuel oil, kerosene, etc.....	9,885	17,159	16,473	16,299	15,708	22.6	32.4	26.0	22.5	20.0
Electricity.....	283	933	4,876	9,173	13,244	.7	1.8	7.7	12.6	16.9
Bottled, tank, or LP gas.....	787	2,686	3,807	4,146	4,134	1.8	5.1	6.0	5.7	5.3
Wood and other fuel.....	4,855	2,460	1,060	930	1,235	11.3	4.6	1.7	1.3	1.6
Coal or coke.....	14,828	6,456	1,821	573	358	34.6	12.2	2.9	.8	.4
None.....	999	478	395	468	570	2.3	.9	.6	.6	.7
Cooking fuel:										
Electricity.....	6,403	16,351	25,768	33,944	⁵ 38,779	15.0	30.8	40.6	46.8	⁵ 50.3
Utility gas.....	22,084	27,296	31,244	32,493	⁵ 32,576	51.6	51.5	49.2	44.8	⁵ 42.2
Bottled, tank, or LP gas.....	3,417	6,491	5,314	5,440	⁵ 5,225	8.0	12.2	8.4	7.5	⁵ 6.8
Other fuel.....	10,796	2,603	908	332	⁵ 352	25.2	4.9	1.4	.5	⁵ .5
None.....	124	280	213	315	⁵ 236	.3	.5	.3	.4	⁵ .3

- Represents zero. ¹ "Floor, wall, or pipeless furnace" included in "Warm air furnace." ² Includes heat pumps.
³ "Fireplaces, stoves, or portable heaters" included in "Room heaters with flue." ⁴ Portable heaters. ⁵ 1978 data.

Source: U.S. Bureau of the Census, *Census of Housing, 1960*, vol. I, No. 1; *Census of Housing, 1970*, vol. I; and *Current Housing Reports*, series H-150, Annual Housing Survey, part A, *General Housing Characteristics for the United States and Regions*.

NO. 1384. SELECTED ELECTRICAL APPLIANCES—NUMBER AND PERCENT OF HOMES WITH APPLIANCES: 1960 TO 1979

[As of December 31. Percentages based on total number of homes wired for electricity. See also table 1461]

ITEM	HOMES WITH APPLIANCES (mil.)						PERCENT WITH APPLIANCES					
	1960	1965	1970	1975	1978	1979	1960	1965	1970	1975	1978	1979
Number of wired homes.....	51.7	57.6	64.0	72.7	77.8	79.4	(x)	(x)	(x)	(x)	(x)	(x)
Air-conditioners, room.....	7.8	13.9	26.0	38.4	43.1	44.1	15.1	24.2	40.6	52.8	55.4	55.5
Bed coverings.....	12.2	20.0	31.7	41.4	48.1	51.0	23.6	34.7	49.5	57.0	61.8	64.2
Blenders.....	4.2	7.5	23.4	32.9	39.9	41.6	8.0	13.0	36.5	45.2	51.2	52.4
Can openers.....	2.5	14.2	29.1	39.7	47.3	50.5	4.8	24.7	45.5	54.6	60.7	63.6
Coffeemakers.....	30.2	41.3	56.7	71.0	77.7	79.3	58.3	71.7	88.6	97.7	99.8	99.9
Dishwashers.....	3.7	7.8	17.0	27.9	32.6	34.2	7.1	13.5	26.5	38.3	41.9	43.0
Disposers, food waste.....	5.4	7.8	16.3	28.2	33.4	34.1	10.5	13.6	25.5	38.8	42.9	43.0
Dryers, clothes (incl. gas).....	10.1	15.2	28.6	42.0	46.9	48.8	19.6	26.4	44.6	57.7	60.3	61.5
Freezers.....	12.1	15.7	20.0	31.6	34.9	35.5	23.4	27.2	31.2	43.5	44.9	44.7
Frypans.....	22.5	28.3	36.0	45.8	53.2	54.0	43.4	49.2	58.2	63.0	68.3	68.0
Hotplates and buffet ranges.....	12.5	13.1	15.7	19.1	20.4	20.7	24.2	22.7	24.5	26.2	26.3	26.0
Irons, total.....	45.7	57.1	63.8	72.6	77.1	79.3	88.4	99.1	99.7	99.9	99.9	99.9
Steam and steam/spray.....	30.6	43.5	56.5	70.7	76.7	79.2	59.2	75.5	88.2	97.2	99.0	99.8
Microwave ovens.....	(NA)	(NA)	(NA)	2.3	5.5	6.1	(NA)	(NA)	(NA)	3.2	7.1	7.6
Mixers, food.....	29.0	41.9	52.8	65.6	71.8	73.7	56.0	72.8	82.4	90.2	92.2	92.8
Radios.....	50.3	57.3	63.9	72.6	77.8	79.3	¹ 94.3	¹ 99.5	99.8	99.9	99.9	99.9
Ranges: Free-standing.....	16.0	18.5	25.9	35.8	39.5	39.7	30.9	32.1	40.5	49.2	50.8	50.0
Built-in.....	3.3	5.9	9.6	14.0	15.4	15.4	6.4	10.3	15.0	19.3	18.8	19.4
Refrigerators.....	50.8	57.3	68.9	72.6	77.6	79.2	98.2	99.5	99.8	99.9	99.7	99.8
Television: Black and white.....	46.2	55.9	63.2	72.6	77.8	79.3	89.4	97.1	98.7	99.9	99.9	99.9
Color.....	(NA)	5.5	27.2	54.1	66.3	71.3	(NA)	9.5	42.5	74.4	85.2	89.8
Toasters.....	37.2	48.1	59.3	71.7	77.8	79.3	72.0	83.6	92.6	98.6	99.9	99.9
Vacuum cleaners.....	38.4	48.1	58.9	72.1	77.7	79.3	74.3	83.5	92.0	99.2	99.9	99.9
Washers.....	28.6	83.1	89.8	50.8	58.5	61.4	55.4	57.4	62.1	69.9	75.2	77.3

NA Not available. X Not applicable. ¹ Based on 53,300,000 homes in 1960, and 58,586,000 in 1965.

Source: Gralla Publications, Inc., New York, N.Y., *Merchandising*, annual statistical issues. (Copyright.)

NO. 1385. HOUSING UNITS—SELECTED CHARACTERISTICS, BY TYPE OF PRIMARY HEATING FUEL AND EQUIPMENT: 1978-1979

[In thousands. As of winter 1978-1979. Excludes Alaska and Hawaii. Covers year-round units only. For composition of regions, see fig. 1, inside front cover]

ITEM	Total occupied housing units ¹	PRIMARY HEATING FUEL					PRIMARY HEATING EQUIPMENT				
		Natural gas	Fuel oil, kerosene	Electricity	LPG ²	Wood	Warm air furnace with ducts	Steam or hot water system	Room heaters ³	Floor, wall, or pipeless furnace	Built in electric units
Total ⁴	76,608	41,845	16,919	12,071	3,124	1,885	38,394	12,365	7,472	5,999	5,608
Northeast	17,353	6,962	8,829	1,435	85	22	6,482	8,432	182	211	1,255
North Central	20,614	15,298	3,117	1,095	782	240	14,498	2,582	1,352	707	593
South	24,603	10,018	4,187	6,720	1,996	1,233	10,809	886	4,294	2,554	1,826
West	14,028	9,567	787	2,822	260	391	6,606	665	1,644	2,527	1,835
Urban	56,823	36,626	11,330	7,544	702	79	29,326	10,542	5,381	4,842	3,457
Rural	19,785	5,219	5,589	4,527	2,423	1,807	9,069	1,823	2,093	1,158	2,151
Heating and cooling degree day zones: ⁵											
Less than 2,000 HDD and—											
More than 7,000 HDD	6,267	2,982	1,930	1,140	176	22	3,120	1,402	393	188	1,057
5,000-7,000 HDD	21,606	14,311	4,583	2,032	321	192	13,058	5,009	640	914	1,240
4,000-5,499 HDD	20,319	9,327	7,517	2,293	569	562	9,774	5,644	1,134	759	1,457
Less than 4,000 HDD	16,814	9,330	1,827	3,481	1,035	823	7,005	277	2,526	3,019	1,409
More than 2,000 HDD and less than 4,000 HDD	11,602	5,895	1,082	3,124	1,023	286	5,437	33	2,779	1,119	446
Single family detached	48,547	26,942	11,138	6,424	1,895	1,680	25,246	5,956	5,102	4,207	3,016
Single family attached	3,128	2,244	353	435	41	17	1,845	602	153	111	283
2-4 unit building	10,749	6,742	2,129	1,586	242	-	4,964	2,659	1,299	569	895
5 or more unit building	9,151	4,427	2,027	2,503	22	-	2,897	3,112	542	625	1,191
Mobile home	4,805	1,295	1,272	1,110	924	188	3,329	37	312	487	209
Year house built:											
1939 or earlier	25,159	14,318	7,890	1,135	841	788	8,998	7,116	3,659	2,056	892
1940-1949	7,548	4,873	1,868	408	120	205	3,512	1,275	985	1,109	239
1950-1959	13,761	7,951	3,636	1,336	374	228	7,727	1,602	1,537	1,161	537
1960-1969	16,127	8,913	2,172	3,791	863	322	8,918	2,091	1,042	991	1,806
1970-1974	8,768	3,716	1,124	3,044	712	172	5,897	229	313	585	1,213
1975 or later	5,245	2,074	430	2,357	194	171	3,343	54	35	98	920

- Represents zero or rounds to zero. ¹ Includes types of fuel and equipment not shown separately. ² Liquid petroleum gas. ³ With or without flue. ⁴ Includes other type of housing structure not shown separately. ⁵ See fig. 7.2, p. 219.

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Characteristics of the Housing Stock and Households*, February 1980.

NO. 1386. EXPENDITURES BY RESIDENTIAL PROPERTY OWNERS FOR IMPROVEMENTS AND MAINTENANCE AND REPAIRS: 1970 TO 1980

[In millions of dollars, except averages]

YEAR AND TYPE OF EXPENDITURE	All properties	1-unit properties with owner occupant	Other properties	ADDITIONS AND ALTERATIONS			Major construction replacements	Maintenance and repairs
				Total	Residential	Other property		
1970: All properties ¹	14,770	9,469	5,301	6,246	4,950	1,296	2,629	5,895
Average per property	\$297	\$265	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1975: All properties ¹	25,239	15,684	9,556	10,997	8,815	2,182	4,484	9,758
Average per property	\$459	\$382	\$885	\$200	\$160	\$40	\$82	\$178
1978: All properties ¹	37,461	24,189	13,272	16,458	12,156	4,302	8,094	12,909
Average per property	\$646	\$562	\$893	\$284	\$210	\$74	\$140	\$222
1979: All properties ¹	42,231	28,280	13,951	18,285	12,922	5,363	8,996	14,950
Average per property	\$712	\$638	\$954	\$310	\$219	\$91	\$153	\$253
Heating and air-conditioning ²	3,405	2,251	1,154	710	710	(NA)	1,845	850
Plumbing	3,715	2,055	1,660	673	673	(NA)	1,486	1,576
Roofing	3,976	2,536	1,440	(NA)	(NA)	(NA)	2,804	1,372
Painting	5,306	3,141	2,165	(NA)	(NA)	(NA)	5,306	
1980: All properties ¹	46,338	31,481	14,857	21,336	15,376	5,960	9,816	15,187
Average per property	\$781	\$688	\$954	\$355	\$256	\$99	\$163	\$253
Heating and air-conditioning ²	4,307	2,866	1,441	878	878	(NA)	2,459	972
Plumbing	3,980	2,326	1,655	797	797	(NA)	1,577	1,606
Roofing	4,351	2,975	1,368	(NA)	(NA)	(NA)	3,160	1,172
Painting	5,709	3,110	2,599	(NA)	(NA)	(NA)	(NA)	5,709

NA Not available. ¹ Includes types of expenditures not separately specified. ² Central air-conditioning.

Source: U.S. Bureau of the Census, *Construction Reports*, series C50.

NO. 1387. LOW-RENT PUBLIC HOUSING UNITS, BY PROGRESS STAGE: 1960 TO 1980

[In thousands. As of Dec. 31. Housing for the elderly designed for persons 62 years old or over, disabled, or handicapped. Includes Puerto Rico and Virgin Islands. Covers units subsidized by HUD under annual contributions contracts. See also *Historical Statistics, Colonial Times to 1970*, series N 186-191]

YEAR AND PROGRAM	Total	Occupied units ¹	Under construction	Other ²	YEAR AND PROGRAM	Total	Occupied units ¹	Under construction	Other ²
1960.....	593.3	478.2	36.4	78.8	1979.....	1,338.5	1,254.6	23.5	60.4
Elderly.....	18.9	1.1	4.1	13.7	Elderly.....	323.0	307.3	7.0	8.7
1965.....	735.7	604.9	42.4	88.4	New construction.....	1,103.0	1,064.7	17.7	20.6
Elderly.....	97.7	36.2	21.6	40.0	Conventional ³	868.1	853.0	6.2	8.9
1970.....	1,155.3	893.5	126.8	135.0	Turnkey ⁴	234.9	211.7	11.5	11.7
Elderly.....	249.4	143.4	65.7	40.3	Acquisition ⁵	117.3	71.7	5.8	39.8
1973.....	1,323.6	1,109.1	96.7	117.8	Leased housing ⁶	118.2	118.2	-	-
Elderly.....	333.9	261.8	35.8	36.3	New.....	46.5	46.5	-	-
1974.....	1,314.0	1,151.0	64.8	98.2	1980.....	1,384.4	1,281.7	32.9	69.8
Elderly.....	327.3	265.1	32.3	29.9	Elderly.....	335.6	318.1	7.1	10.4
1975.....	1,316.7	1,180.4	52.9	83.4	New construction.....	1,130.4	1,081.3	23.1	26.0
Elderly.....	336.3	286.3	24.3	23.7	Conventional ³	883.5	860.0	10.4	13.1
1976.....	1,305.4	1,181.5	63.4	60.5	Turnkey ⁴	246.9	221.3	12.7	12.9
Elderly.....	321.3	293.0	14.9	13.4	Acquisition ⁵	135.3	81.7	9.8	43.8
1977.....	1,308.8	1,187.7	63.6	57.5	Leased housing ⁶	118.7	118.7	-	-
Elderly.....	322.3	295.0	15.3	12.0	New.....	46.5	46.5	-	-
1978.....	1,224.8	1,206.8	9.4	8.6					
Elderly.....	309.0	304.7	2.3	2.0					

- Represents zero. ¹ Under management or available for occupancy. ² To be constructed or to go directly "under management" because no rehabilitation needed. ³ New housing constructed on the Local Housing Authority (LHA) site pursuant to a contract let by the LHA. ⁴ New housing purchased by the LHA from a private developer upon completion of construction pursuant to an earlier agreement. ⁵ Existing housing acquired by the LHA. ⁶ Existing housing leased by LHA from an owner under a contract permitting LHA to sub-lease the units.

Source: U.S. Dept. of Housing and Urban Development, unpublished data.

NO. 1388. NEW APARTMENTS COMPLETED AND RENTED IN 3 MONTHS: 1975 TO 1980

[1980 data are preliminary. Structures with 5 or more units, privately financed, nonsubsidized, unfurnished apartments. Based on sample and subject to sampling variability. For definition of median, see Guide to Tabular Presentation]

CHARACTERISTIC	NUMBER (1,000)						PERCENT RENTED IN 3 MONTHS					
	1975	1976	1977	1978	1979	1980	1975	1976	1977	1978	1979	1980
Total.....	223	157	196	229	241	194	70	80	80	82	82	75
Rent: Under \$150.....	14.7	6.8	6.4	3.6	2.5	6.1	79	84	85	89	94	80
\$150-\$174.....	34.7	14.4	14.5	13.1	6.1		77	82	75	82	96	
\$175-\$199.....	47.6	35.0	30.4	25.2	15.1		74	82	84	81	85	
\$200-\$249.....	63.8	56.9	72.5	71.6	66.0		73	80	83	84	84	
\$250 or more.....	62.1	43.9	71.8	115.2	151.5		58	79	77	80	81	
Bedrooms: Less than 2.....	101.3	75.1	87.8	112.6	119.1	92.4	73	86	83	84	80	76
2.....	109.0	74.5	100.6	107.8	113.3	94.3	68	77	78	80	86	74
3 or more.....	12.7	7.4	7.3	8.3	8.7	7.4	63	59	77	77	84	63

Source: U.S. Bureau of the Census, *Current Housing Reports*, series H-130, and unpublished data.

NO. 1389. VACANT HOUSING UNITS—PERCENT, BY STATUS: 1975 TO 1980

[Annual averages. See headnote, table 1390. See also *Historical Statistics, Colonial Times to 1970*, series N 247-248]

STATUS	TOTAL				INSIDE SMSA'S				OUTSIDE SMSA'S			
	1975	1976	1979	1980	1975	1976	1979	1980	1975	1976	1979	1980
All units.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Occupied.....	91.3	91.7	91.1	90.8	92.8	93.2	92.9	92.9	88.1	88.6	87.6	88.4
Vacant, seasonal.....	2.1	2.0	2.0	2.4	.9	.7	.5	.6	4.6	4.7	5.0	6.0
Vacant, year-round.....	6.6	6.3	6.9	6.8	6.3	6.1	6.6	6.5	7.3	6.7	7.4	7.6
For rent.....	2.1	1.7	1.8	1.8	2.4	2.0	2.1	2.0	1.5	1.1	1.3	1.5
For sale only.....	.7	.6	.7	.8	.8	.5	.7	.8	.7	.8	.8	.9
Rented or sold ¹	.7	.8	.9	.7	.7	.9	.9	.8	.5	.6	.7	.6
Held off market.....	3.1	3.2	3.5	3.5	2.4	2.7	2.9	2.9	4.6	4.2	4.6	4.6
Occasional use.....	.8	.8	.9	.9	.5	.6	.6	.6	1.6	1.4	1.6	1.5

¹ Awaiting occupancy.

Source: U.S. Bureau of the Census, *Current Housing Reports*, series H-111.

NO. 1390. VACANCY RATES FOR HOUSING UNITS—CHARACTERISTICS: 1975 TO 1980

[In percent. Annual averages. Based on Current Population Survey and Quarterly Household Survey. Rate is relationship between vacant housing for rent or for sale and the total rental and homeowner supply, which comprises occupied units, units rented or sold and awaiting occupancy, and vacant units available for rent or sale. For composition of regions, see fig. 1, inside front cover. See headnote, table 1372 concerning SMSA's. See also Historical Statistics, Colonial Times to 1970, series N 249-258]

RENTAL UNITS					HOMEOWNER UNITS				
	1975	1978	1979	1980		1975	1978	1979	1980
Total rental units	6.0	5.0	5.4	5.4	Total homeowner units	1.2	1.0	1.2	1.4
Inside SMSA's	6.1	5.2	5.4	5.2	Inside SMSA's	1.3	1.0	1.1	1.3
Outside SMSA's	5.7	4.5	5.4	6.1	Outside SMSA's	1.1	1.2	1.2	1.4
Northeast	4.1	4.8	4.5	4.2	Northeast	1.0	.8	1.0	1.1
North Central	5.7	4.8	5.7	6.0	North Central	1.0	1.0	1.2	1.6
South	7.7	5.5	6.1	6.0	South	1.5	1.3	1.1	1.3
West	6.2	4.8	5.3	5.2	West	1.5	1.0	1.3	1.6
Units in structure: 1 unit	3.6	3.1	3.2	3.4	Units in structure: 1 unit	1.0	.9	1.0	1.2
2 or more	7.3	6.1	6.6	6.4	2 or more	5.4	3.2	3.7	4.3
5 or more	8.3	6.7	7.6	7.1	5 or more	14.4	9.2	6.6	8.7
Units with: 3 rooms or less	8.4	6.9	7.3	6.9	Units with: 3 rooms or less	3.5	3.0	3.0	3.5
4 rooms	5.8	4.8	5.2	5.2	4 rooms	2.1	1.3	1.4	1.7
5 rooms	4.6	3.8	4.1	4.3	5 rooms	1.1	1.1	1.1	1.2
6 rooms or more	3.3	3.2	3.4	3.8	6 rooms or more	1.0	.9	1.1	1.3
Monthly rent: Less than \$60	5.5	4.0	3.1	2.5	Value: Less than \$10,000	1.4	1.5	1.1	1.5
\$60-\$79	5.7	5.0			\$10,000-\$19,999	1.0	.9	1.5	.9
\$80-\$99	4.6	5.0	4.1	3.4	\$20,000-\$24,999	.9	.7	.7	.9
\$100 or more	6.7	5.2	6.0	6.0	\$25,000 or more	1.4	.9	1.1	1.3
Year built: 1960 or later	8.3	6.0	5.8	5.8	Year built: 1960 or later	2.2	1.2	1.4	1.8
1965 or later	9.0	6.2	6.1	6.2	1965 or later	2.7	1.4	1.7	2.1
1940-1959	4.8	3.5	4.8	4.7	1940-1959	.5	.6	.6	.8
1939 or earlier	5.4	5.5	5.5	5.5	1939 or earlier	1.1	1.3	1.4	1.5
Plumbing: With all facilities	5.9	4.8	5.2	5.2	Plumbing: With all facilities	1.3	1.0	1.1	1.3
Lacking facilities	11.2	12.0	12.3	10.6	Lacking facilities	2.0	2.9	3.7	4.2

Source: U.S. Bureau of the Census, *Current Housing Reports*, series H-111.

NO. 1391. EXISTING ONE-FAMILY HOUSES SOLD AND PRICE, BY REGION: 1970 TO 1980

[Based on data (adjusted and aggregated to regional and national totals) reported by participating real estate multiple listing services. For definition of median, see Guide to Tabular Presentation. For composition of regions, see fig. 1, inside front cover]

REGION	Unit	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Houses sold, U.S.	1,000	1,612	2,018	2,252	2,334	2,272	2,452	3,002	3,547	3,863	3,701	2,881
Northeast	1,000	251	311	361	367	354	377	458	480	494	504	384
North Central	1,000	501	583	630	674	645	685	843	1,110	1,132	1,050	797
South	1,000	568	735	788	847	839	899	1,110	1,254	1,495	1,427	1,154
West	1,000	292	389	473	446	434	491	591	703	741	720	547
Median sales price, U.S.	\$1,000	23.0	24.6	26.7	28.9	32.0	35.3	38.1	42.9	48.7	55.7	62.2
Northeast	\$1,000	25.2	27.1	29.8	32.8	35.8	39.3	41.8	44.4	47.9	53.6	60.8
North Central	\$1,000	20.1	22.1	23.9	25.3	27.7	30.1	32.9	36.7	42.2	47.8	51.9
South	\$1,000	22.2	24.3	26.4	29.0	32.3	34.8	36.5	39.8	45.1	51.3	58.3
West	\$1,000	24.3	26.5	28.4	31.0	34.8	39.6	46.1	57.3	66.7	77.4	89.3

Source: National Association of REALTORS®, Washington, D.C., *Existing Home Sales*, monthly. (Copyright.)

NO. 1392. PRICE INDEX—NEW ONE-FAMILY HOUSES SOLD, BY REGION: 1965 TO 1981

[1977=100. Based on fixed proportions of ten characteristics of new houses sold in 1977. For composition of regions, see fig. 1, inside front cover]

YEAR	U.S.	North-east	North Central	South	West	YEAR AND QUARTER	U.S.	North-east	North Central	South	West
1965	44.4	43.5	45.5	48.1	41.0	1974	73.8	82.9	74.8	77.4	67.8
1966	46.2	46.4	48.1	50.4	42.3	1975	81.7	89.8	82.5	85.1	76.2
1967	47.5	48.1	50.0	51.2	42.7	1976	88.7	93.6	89.9	91.1	84.6
1968	50.0	52.9	53.3	53.4	43.7	1977	100.0	100.0	100.0	100.0	100.0
1969	53.8	57.5	58.2	56.8	47.7	1978	114.5	111.1	114.3	112.2	118.5
1970	55.3	61.5	58.2	58.7	48.8	1979	130.8	126.1	127.9	128.5	136.5
1971	58.3	65.6	60.4	63.3	50.3	1980	145.2	138.5	135.4	144.3	154.2
1972	62.1	70.4	64.2	67.2	53.5	1981, 1st qtr	153.7	(NA)	(NA)	(NA)	(NA)
1973	67.5	76.1	69.2	71.7	60.1	2d qtr	157.3	(NA)	(NA)	(NA)	(NA)

NA Not available.

Source: U.S. Bureau of the Census, *Construction Reports*, series C27, quarterly.

NO. 1393. NEW PRIVATE ONE-FAMILY HOUSES SOLD, BY REGION, TYPE OF FINANCING, AND SALES PRICE: 1970 TO 1980

[In thousands. Based on a national probability sample of monthly interviews with builders or owners of 1-family houses for which building permits have been issued or, for nonpermit areas, on which construction has started. For details, see source. For composition of regions, see fig. 1, inside front cover]

YEAR AND SALES PRICE GROUP	NUMBER SOLD					PERCENT SOLD					FINANCING TYPE	
	Total ¹	North-east	North-Central	South	West	Total ¹	North-east	North-Central	South	West	Con-ventional ²	FHA and VA
1970.....	485	61	100	203	121	100	100	100	100	100	202	232
Under \$35,000.....	394	38	77	178	100	81	62	77	88	83	127	224
Under \$20,000.....	169	10	20	99	38	35	16	20	49	31	31	122
\$20,000-\$29,999.....	178	20	47	62	49	37	33	47	31	40	65	92
\$30,000-\$34,999.....	47	8	9	17	13	10	13	9	8	11	31	10
\$35,000 and over.....	92	23	22	26	21	19	38	22	13	17	75	7
\$35,000-\$39,999.....	35	7	8	10	9	7	11	8	5	7	(NA)	(NA)
\$40,000-\$49,999.....	37	10	9	10	7	8	16	9	5	6	(NA)	(NA)
\$50,000 and over.....	20	5	5	5	5	4	8	5	2	4	(NA)	(NA)
1975.....	549	71	108	222	160	100	100	100	100	100	363	122
Under \$35,000.....	190	18	35	93	45	35	25	33	42	30	72	67
Under \$20,000.....	110	9	17	60	24	20	13	16	27	15	29	37
\$20,000-\$34,999.....	80	9	18	33	21	15	13	17	15	14	42	30
\$35,000 and over.....	359	52	72	128	106	65	73	68	58	71	291	54
\$35,000-\$39,999.....	98	10	20	40	28	18	14	19	18	19	67	28
\$40,000-\$49,999.....	127	18	25	47	37	23	25	24	21	25	101	22
\$50,000-\$59,999.....	65	12	13	20	20	12	17	12	9	13	59	3
\$60,000 and over.....	69	12	14	21	21	13	17	13	9	14	64	(S)
1978.....	817	78	145	331	262	100	100	100	100	100	575	173
Under \$35,000.....	65	5	8	42	11	8	6	5	13	4	21	20
\$35,000 and over.....	751	73	138	289	251	92	94	95	87	96	554	153
\$35,000-\$39,999.....	76	8	10	38	21	9	10	7	11	8	37	21
\$40,000-\$49,999.....	175	14	28	84	48	21	18	20	25	18	107	39
\$50,000-\$59,999.....	156	14	29	66	47	19	18	20	20	18	110	22
\$60,000-\$74,999.....	157	18	34	54	52	19	23	23	16	20	128	22
\$75,000-\$99,999.....	119	13	25	33	48	15	17	17	10	18	109	5
\$100,000 and over.....	69	6	11	15	37	8	8	8	4	14	64	(S)
1979.....	709	67	112	304	225	100	100	100	100	100	469	186
Under \$35,000.....	33	(S)	3	27	2	5	(S)	3	9	1	9	9
\$35,000 and over.....	675	66	109	277	222	95	98	97	91	99	460	177
\$35,000-\$39,999.....	41	4	5	23	9	6	6	4	7	4	15	20
\$40,000-\$49,999.....	110	11	18	55	28	16	16	16	18	13	55	48
\$50,000-\$59,999.....	135	12	22	64	37	19	17	19	21	17	76	50
\$60,000-\$74,999.....	158	16	28	64	50	22	24	25	21	22	109	43
\$75,000-\$99,999.....	132	16	20	45	50	19	23	18	15	22	112	14
\$100,000 and over.....	100	8	17	26	48	14	13	15	9	22	92	2
1980.....	530	47	78	261	143	100	100	100	100	100	294	192
Under \$35,000.....	15	(S)	2	12	(S)	3	(S)	3	5	(S)	5	3
\$35,000 and over.....	515	47	76	249	143	97	100	97	95	100	288	189
\$35,000-\$39,999.....	33	2	4	24	2	6	3	5	9	2	7	21
\$40,000-\$49,999.....	85	8	15	45	18	16	16	19	17	13	29	49
\$50,000-\$59,999.....	95	7	14	51	22	18	14	18	19	16	40	47
\$60,000-\$74,999.....	117	11	16	56	34	22	24	20	21	24	60	49
\$75,000-\$99,999.....	96	11	15	41	29	18	24	19	16	20	71	19
\$100,000 and over.....	91	9	12	32	37	17	18	16	12	26	81	4

NA Not available. S Estimate does not meet publication standards. ¹ Includes types of financing not shown separately. ² 1970 includes houses financed by Farmers Home Administration. ³ VA only.

Source: U.S. Bureau of the Census, *Construction Reports*, series C25, *Characteristics of New Housing*, annual, and *New One-Family Houses Sold and For Sale*, monthly.

NO. 1394. MEDIAN SALES PRICE OF NEW PRIVATE ONE-FAMILY HOUSES SOLD, BY REGION: 1965 TO 1980

[In dollars. See headnote, table 1393. For definition of median, see Guide to Tabular Presentation]

YEAR	U.S.	North-east	North-Central	South	West	YEAR	U.S.	North-east	North-Central	South	West
1965.....	20,000	21,500	21,600	17,500	21,600	1973.....	32,500	37,100	32,900	30,900	32,400
1967.....	22,700	25,400	25,100	19,400	24,100	1974.....	35,900	40,100	36,100	34,500	35,800
1968.....	24,700	27,700	27,400	21,500	25,100	1975.....	39,300	44,000	39,600	37,300	40,600
1969.....	25,600	31,600	27,600	22,800	25,300	1976.....	44,200	47,300	44,800	40,500	47,200
1970.....	23,400	30,300	24,400	20,300	24,000	1977.....	48,800	51,600	51,500	44,100	53,500
1971.....	25,200	30,600	27,200	22,500	25,500	1978.....	55,700	58,100	59,200	50,300	61,300
1972.....	27,600	31,400	29,300	25,800	27,500	1979.....	62,900	65,500	63,900	57,300	69,600
						1980 ¹	64,500	69,300	63,300	59,700	72,300

¹ 1981, U.S. total: 1st qtr., \$66,900, 2d qtr., \$69,400.

Source: U.S. Bureau of the Census, *Construction Reports*, series C25, *Characteristics of New Housing*, annual, and *New One-Family Houses Sold and For Sale*, monthly.

NO. 1395. RECENT HOME BUYERS—GENERAL CHARACTERISTICS AND DOWNPAYMENTS: 1976 TO 1980

[As of October. Based on a sample survey; subject to sampling variability]

ITEM	Unit	1976	1977	1978	1979	1980
Median price of house purchased.....	Dollars.....	43,340	49,320	54,750	58,100	69,714
First-time buyers.....	Dollars.....	37,670	43,160	46,700	50,800	61,450
Repeat buyers ¹	Dollars.....	50,080	58,730	59,180	64,300	75,750
Average monthly mortgage payment.....	Dollars.....	329	361	384	449	599
Percent of income.....	Percent.....	24.0	25.0	26.0	26.2	32.4
Percent buying—						
New houses.....	Percent.....	15.1	12.8	14.4	17.8	22.4
Existing houses.....	Percent.....	84.9	87.2	85.6	82.2	77.6
Single-family houses.....	Percent.....	88.8	90.2	86.6	87.5	82.4
Multiple-family houses.....	Percent.....	4.8	6.2	7.6	5.3	5.5
Condominiums.....	Percent.....	6.4	3.6	5.6	6.8	12.1
For the first time.....	Percent.....	44.8	48.1	36.7	36.6	32.9
Average age of first-time buyers.....	Years.....	28.1	28.2	28.3	28.4	28.3
Average age of repeat buyers ¹	Years.....	35.9	37.9	35.5	34.7	36.4
Source of downpayment for—						
First-time buyer.....	Percent.....	70.9	75.6	73.5	43.8	51.1
Entirely from savings and investments.....	Percent.....	20.4	14.3	8.7	32.6	32.6
Help from relatives.....	Percent.....					
Repeat buyers ¹	Percent.....	21.2	25.8	19.2	14.8	27.7
Entirely from savings and investments.....	Percent.....	45.5	43.9	56.6	55.8	39.7
Entirely from previous home sale.....	Percent.....	25.2	28.1	21.4	24.9	28.0
Downpayment to sales price.....	Percent.....	18.0	19.2	12.4	17.6	20.5
First-time buyers.....	Percent.....	30.8	35.0	27.6	29.0	32.7
Repeat buyers ¹	Percent.....					

¹ Buyers who previously owned a home.

Source: Chicago Title Insurance Company, *The Guarantor*, bimonthly. (Copyright.)

NO. 1396. MORTGAGE STATUS OF NONFARM DWELLING UNITS: 1940 TO 1979

[In millions, except percent. Prior to 1960, excludes Alaska and Hawaii. For 1940 and 1950, mortgage data are for owner-occupied dwelling units in 1- to 4-dwelling unit structures without business; for 1960, for properties with 1- to 4-dwelling units, and for 1971-1979, for properties with 1 housing unit. See also *Historical Statistics, Colonial Times to 1970*, series N 302-307]

ITEM	1940	1950	1960	1971	1974	1975	1976	1977	1978	1979
Owner occupied units.....	11.4	19.8	27.9	33.2	36.2	37.2	37.9	38.8	40.1	41.3
Reporting mortgage status.....	10.6	17.8	27.9	33.2	36.2	37.2	37.9	38.8	40.1	41.3
Mortgaged.....	4.8	7.8	15.8	20.1	23.0	23.4	24.1	24.9	25.6	26.4
Percent.....	45.3	44.0	56.8	60.6	63.5	63.0	63.5	64.2	63.9	64.0
Not mortgaged.....	5.8	10.0	12.0	13.1	13.2	13.8	13.8	13.9	14.5	14.9

Source: U.S. Bureau of the Census, *Census of Housing: 1950*, vol. I; *1960 and 1970*, vol. V; and *Current Housing Reports*, series H-150, Annual Housing Survey, part C, *Financial Characteristics of the Housing Inventory for the United States and Regions*.

NO. 1397. VOLUME OF LONG-TERM MORTGAGE LOANS ORIGINATED, BY TYPE OF PROPERTY, 1970 TO 1980, AND BY LENDER, 1980

[In billions of dollars. Covers credit extended in primary mortgage markets for financing real estate acquisitions]

TYPE OF PROPERTY	1970	1975	1976	1977	1978	1979	1980, BY LENDER					
							Total ¹	Sav-ings and loan	Com- mer- cial banks	Mort- gage cos.	Fed' credit agen- cies	Mut- ual sav- ings
Loans, total.....	59.8	120.7	161.6	229.2	257.2	258.6	193.8	68.5	42.4	35.4	18.8	7.0
1-4 unit family home.....	35.6	77.9	112.8	162.0	185.0	187.4	131.4	61.1	26.8	29.1	4.4	5.4
New units.....	12.6	24.6	32.2	46.4	58.0	60.8	48.6	23.0	7.5	13.5	2.0	1.1
Existing units.....	23.0	53.3	80.6	115.6	127.0	126.6	82.8	38.1	19.3	15.6	2.4	4.3
Multifamily residential.....	8.8	10.7	12.3	15.8	16.4	15.8	12.5	3.1	1.3	1.7	2.9	.5
New units.....	7.0	5.8	4.6	5.6	6.8	8.4	8.4	1.5	.5	1.3	2.7	.2
Existing units.....	1.8	4.9	7.8	10.2	9.6	7.5	4.1	1.6	.8	.4	.2	.3
Non-residential.....	12.5	24.2	27.1	39.1	42.7	40.6	35.1	4.2	12.5	4.6	.7	1.0
Farm properties.....	3.0	7.9	9.5	12.3	13.1	14.8	14.8	.1	1.9	-	10.7	-

- Represents zero. ¹ Includes life insurance companies and other lenders not shown separately.

Source: U.S. Dept. of Housing and Urban Development, *Survey of Mortgage Lending Activity, 1970-1979*, and *Survey of Mortgage Lending Activity*, monthly and quarterly.

NO. 1398. CHARACTERISTICS OF CONVENTIONAL FIRST MORTGAGE LOANS FOR PURCHASE OF SINGLE-FAMILY HOMES: 1975 TO 1981

[Annual averages, except as indicated. Refers to loans originated directly (rather than through correspondents) by savings and loan associations, mortgage companies, commercial banks, and mutual savings banks]

LOAN CHARACTERISTIC	Unit	NEW HOMES						EXISTING HOMES					
		1975	1977	1978	1979	1980	1981, June	1975	1977	1978	1979	1980	1981, June
Contract interest rate	Percent ...	8.75	8.80	9.30	11.3	12.9	14.1	9.01	8.83	9.37	11.6	13.2	14.4
Initial fees, charges ¹	Percent ...	1.54	1.33	1.39	1.85	2.15	2.50	1.19	1.17	1.26	1.64	2.12	2.22
Term to maturity	Years	26.8	27.9	28.0	28.8	28.2	27.5	24.0	25.8	26.4	26.9	26.5	25.3
Loan to price ratio	Percent ...	76.1	76.3	75.3	72.9	72.9	72.6	73.4	75.1	75.1	73.6	73.7	73.1
Purchase price	\$1,000 ...	44.6	54.3	62.6	79.4	90.1	94.1	38.2	47.5	54.2	64.7	65.3	70.8

¹ Rate applies to any general or specific charges paid by borrower or seller, in order to obtain a loan, except those for mortgage, credit, life, or property insurance; for property transfer; and for title search and insurance.

Source: U.S. Federal Home Loan Bank Board, monthly news releases.

NO. 1399. HOME LOANS GUARANTEED AND INSURED BY VA: 1975 TO 1980

[Based on complete count of primary loans closed for conventionally built homes. See also table 633]

LOAN CHARACTERISTICS	NEW HOMES						EXISTING HOMES					
	1975	1976	1977	1978	1979	1980	1975	1976	1977	1978	1979	1980
Average loan (\$1,000)	32.9	35.7	39.6	44.0	51.5	57.0	28.6	30.6	34.6	38.3	44.8	48.4
PERCENT OF HOME LOANS												
Loan amount:												
Less than \$20,000	2.3	1.7	.9	.6	.3	.3	21.2	16.7	10.7	7.6	4.2	3.3
\$20,000-\$24,999	9.9	5.8	2.8	1.3	.6	.4	19.3	16.8	12.5	9.7	6.3	4.9
\$25,000-\$29,999	23.8	17.6	11.0	5.6	1.9	.9	20.5	20.2	16.8	15.1	10.8	8.5
\$30,000-\$34,999	31.2	24.6	19.5	13.0	6.0	2.5	15.7	16.2	16.6	15.3	12.4	10.3
\$35,000-\$39,999	19.5	25.4	23.1	19.6	11.7	5.7	10.2	12.3	15.0	14.3	13.1	11.4
\$40,000-\$49,999	13.3	24.9	42.7	34.4	30.8	23.5	13.1	17.8	28.4	18.3	20.2	19.9
\$50,000-\$59,999				16.2	24.6	26.5				9.8	13.3	14.9
\$60,000-\$69,999				6.6	13.7	18.7				6.4	9.3	10.3
\$70,000 and over				2.7	10.4	21.5				3.5	10.4	16.5
Mortgage maturity:												
Less than 25 years	.3	.3	.3	.3	.3	.3	2.9	2.7	2.1	1.7	1.4	1.2
25 years	.5	.6	.5	.3	.2	.2	6.1	5.8	4.5	4.0	2.9	2.4
26-29 years	4.9	2.9	1.8	3.9	2.6	1.3	1.2	.5	.5	1.4	.9	.3
30 years	94.3	96.2	97.4	95.5	96.9	98.2	89.8	91.0	92.9	92.9	94.8	96.1
Downpayment status:												
With downpayment	42.9	27.6	44.5	46.3	47.4	45.2	26.5	24.3	26.4	26.2	28.0	29.7
With no downpayment	57.1	72.4	55.5	53.7	52.6	54.8	73.5	75.7	73.6	73.8	72.0	70.3

Source: U.S. Veterans Administration, unpublished data.

NO. 1400. ONE-FAMILY HOMES, FHA-INSURED MORTGAGES: 1975 TO 1980

[Data for sec. 203(b) of National Housing Act only. For definition of median, see Guide to Tabular Presentation]

CHARACTERISTIC	Unit	NEW HOMES						EXISTING HOMES					
		1975	1976	1977	1978	1979	1980	1975	1976	1977	1978	1979	1980
Avg. mo., occupant expenses:													
Real estate taxes	Dol	49	54	56	56	57	58	40	40	41	44	43	49
Maintenance and repair	Dol	22	24	24	23	29	30	20	21	22	24	28	31
Heating and utilities	Dol	42	46	54	61	68	74	43	48	53	60	68	79
Avg. purchase transactions:													
Total acquisition cost ¹	\$1,000	33.0	35.3	37.2	41.5	50.3	56.0	26.9	27.4	29.2	34.0	39.4	45.0
Closing costs	Dol	672	706	701	772	856	981	606	614	660	761	846	960
Market price of site ²	\$1,000	6.4	7.0	7.3	7.7	9.8	11.8	5.5	5.6	5.8	6.9	8.1	10.1
Median value and cost:													
Amount of mortgage	\$1,000	29.7	32.2	34.0	37.3	45.0	50.1	24.6	25.4	27.1	30.9	35.4	39.6
Estimated value	\$1,000	32.5	35.2	37.2	41.1	50.4	56.0	26.2	26.8	28.9	33.0	38.4	44.0
Loan/value ratio	Percent	92.8	92.9	92.0	93.0	93.5	92.6	94.9	95.1	94.8	95.5	95.1	93.9
Income of occupant ³	\$1,000	17.1	18.2	18.8	20.4	24.3	27.1	15.5	15.9	16.6	18.3	21.2	24.7
Mo. mortgage payment	Dol	284	318	329	369	469	568	245	255	260	300	368	466
Term of mortgage	Years	30.0	30.0	29.9	29.9	29.9	29.3	29.3	29.4	29.4	29.5	29.5	29.5

¹ Sales price plus closing costs. ² Includes street improvements or utilities, rough grading, terracing and retaining walls, if any, for site. ³ Annual.

Source: U.S. Dept. of Housing and Urban Development, HUD Statistical Yearbook.

NO. 1401. RESIDENTIAL LOANS UNDERWRITTEN BY FHA: 1960 TO 1980

[In millions of dollars. Figures are gross amount of insurance written; do not take account of principal repayments on previously insured loans. See also *Historical Statistics, Colonial Times to 1970*, series N 291-297]

LOAN	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
FHA-insured loans	6,293	8,689	11,982	5,903	7,941	9,746	13,000	16,098	22,848	22,091
Home mortgages: New properties.....	2,197	1,705	2,667	752	1,148	1,087	1,664	1,881	3,409	4,071
Existing properties.....	2,403	5,760	5,447	3,182	5,017	5,275	7,177	9,259	14,758	12,367
Project type mortgages.....	711	591	3,251	1,213	976	2,315	2,818	3,270	2,719	3,987
Property improvement loans ¹	982	634	617	750	799	1,071	1,341	1,688	1,962	1,646

¹ Not ordinarily secured by mortgages. Beginning 1970, includes mobile home loans.

Source: U.S. Dept. of Housing and Urban Development, *HUD Statistical Yearbook*.

NO. 1402. NONRESIDENTIAL BUILDINGS—TYPE, BY REGION AND HEATING (HDD) AND COOLING (CDD) DEGREE DAYS WEATHER ZONE: 1979-1980

[In thousands. Building type based on predominant activity in which the occupants were engaged. Based on a sample survey of building representatives conducted October 1979 to January 1980; subject to sampling variability. Excludes Alaska and Hawaii. For composition of weather zones, see fig. 7.2, p. 219]

TYPE	Total	North-east	North Central	South	West	LESS THAN 2,000 CDD AND				More than 2,000 CDD, less than 4,000 HDD
						More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	2,000 to 3,999 HDD	
Nonresidential buildings	4,238	735	1,326	1,566	612	470	1,242	1,132	704	689
Assembly.....	448	57	146	199	46	38	143	154	60	53
Automotive sales and service.....	401	77	145	122	57	55	130	115	53	48
Education.....	161	23	35	75	28	17	36	43	28	38
Food sales.....	366	56	118	139	53	47	99	83	69	68
Health care.....	44	7	18	15	5	1	20	12	5	5
Industrial.....	243	36	80	86	41	25	75	57	47	38
Lodging.....	101	13	12	54	23	8	21	18	28	26
Office.....	600	104	192	199	105	59	199	136	94	113
Residential.....	347	131	109	78	29	68	117	119	18	25
Retail/services.....	714	114	227	277	96	78	180	184	136	136
Warehouse and storage.....	430	59	137	157	77	44	107	112	90	77
Other.....	237	34	68	94	40	19	69	68	43	38
Vacant.....	146	23	39	70	13	11	45	32	33	26

Source: U.S. Energy Information Administration, *Nonresidential Buildings Energy Consumption Survey: Building Characteristics*, 1981.

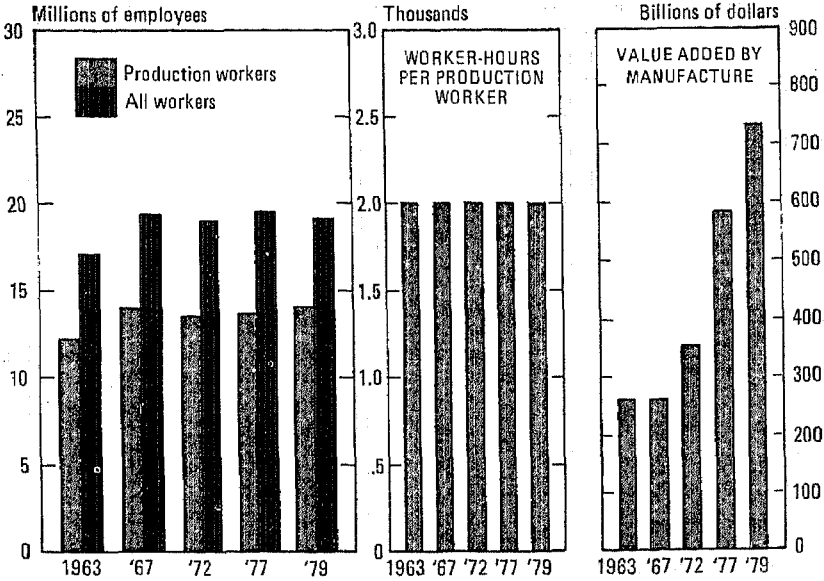
NO. 1403. NONRESIDENTIAL BUILDINGS—TYPE, BY SQUARE FOOTAGE AND YEAR CONSTRUCTED: 1979-1980

[In thousands. See headnote, table 1402]

TYPE	Total	SQUARE FOOTAGE					YEAR CONSTRUCTED				
		1,000 or less	1,001 to 5,000	5,001 to 10,000	10,001 to 25,000	25,001 and over	Prior to 1946	1946 to 1960	1961 to 1970	1971 to 1973	1974 to present
Nonresidential buildings	4,238	677	1,729	801	596	436	1,590	1,064	789	235	561
Assembly.....	448	44	156	131	79	38	198	101	80	17	51
Automotive sales and service.....	401	92	197	78	28	7	112	127	97	23	42
Education.....	161	10	33	21	31	67	37	53	47	6	18
Food sales.....	366	70	207	51	31	8	122	95	69	17	63
Health care.....	44	4	15	9	8	10	9	11	11	3	11
Industrial.....	243	22	58	55	45	63	77	55	44	30	35
Lodging.....	101	10	33	22	16	20	21	33	28	12	6
Office.....	600	89	259	115	86	52	216	118	121	41	104
Residential.....	347	41	177	45	64	19	237	63	30	7	10
Retail/services.....	714	123	292	152	95	52	280	219	105	28	103
Warehouse and storage.....	430	79	169	59	64	60	159	99	77	25	70
Other.....	237	58	76	38	39	26	82	50	48	18	39
Vacant.....	146	37	59	24	12	13	61	40	31	6	8

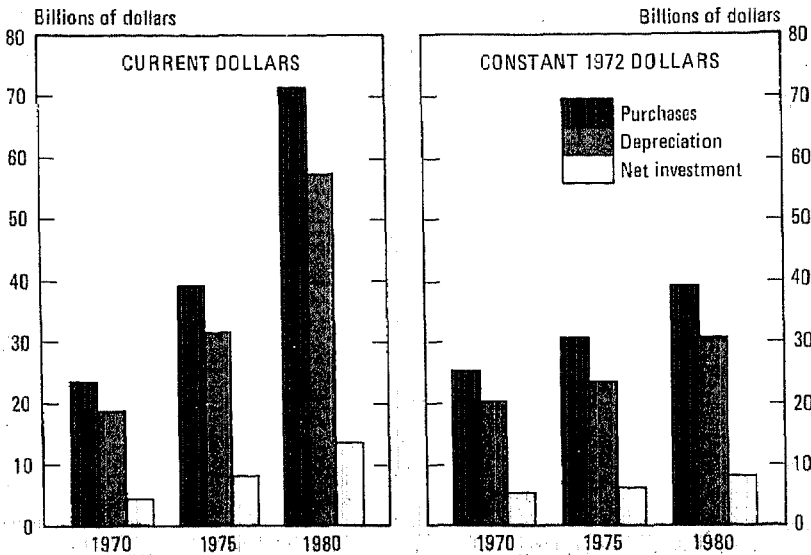
Source: U.S. Energy Information Administration, *Nonresidential Buildings Energy Consumption Survey: Building Characteristics*, 1981.

Figure 29.1
Manufactures—Summary: 1963 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1405.

Figure 29.2
Capital in Manufacturing Establishments: 1970 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1415.



This section presents summary data for manufacturing as a whole and more detailed information for major industry groups and selected specific products. The types of measures shown at the different levels include data for establishments; employment and wages; raw materials, fuels, and electricity consumed; plant and equipment expenditures; value and quantity of production and shipments; value added by manufacture; inventories; and various indicators of financial status.

The principal sources of these data are Bureau of the Census reports of the censuses of manufactures conducted every five years; the *Annual Survey of Manufactures*; and the *Current Industrial Reports* series, which presents monthly, quarterly, or annual data on production, shipments, and stocks for particular commodities. Indexes of industrial production are presented monthly in the Federal Reserve Board's *Federal Reserve Bulletin*. Reports on current activities of industries, or current movements of individual commodities, are also compiled by such government agencies as the Bureau of Labor Statistics; the Economics and Statistics Service of the Department of Agriculture, and the International Trade Administration; and by private research or trade associations such as The Conference Board, Inc., New York, and the American Iron and Steel Institute, Washington, D.C.

Data on financial aspects of manufacturing industries are collected by the Bureau of Economic Analysis (BEA) and the Federal Trade Commission (FTC). Industry aggregates in the form of balance sheets, profit and loss statements, analyses of sales and expenses, lists of subsidiaries, and types and amounts of security issues are published for leading manufacturing corporations registered with the SEC. The BEA issues data on capital in manufacturing industries and capacity utilization rates in manufacturing. The FTC has made several comprehensive studies of individual industries. See also Section 18, *Business Enterprise* in this edition.

Censuses and annual surveys.—The first census of manufactures covered the year 1809. Between 1809 and 1963, a census was conducted at periodic intervals. Since 1967 it has been taken every 5 years (for years ending in "2" and "7"). Census data, either direct reports or estimates from administrative records, are obtained for every manufacturing plant with one employee or more.

The Annual Survey of Manufactures, conducted for the first time in 1949, collects data for the years between censuses for the more general measures of manufacturing activity covered in detail by the censuses. The annual survey data are estimates derived from a scientifically selected sample of companies. The most recent, 1978, annual survey is based on a sample of about 70,000 of an approximate total of 350,000 establishments. It comprises all large plants, which account for approximately two-thirds of total U.S. manufacturing employment, and a representative selection of the more numerous small plants. Government-owned and -operated establishments are excluded.

The basic statistical measures of manufacturing activity, such as employment, payrolls, value added, etc., are defined in essentially the same way for both the annual surveys and the census of manufactures. However, the bases for computing average employment vary for different years. For example, beginning with 1949, average employment was calculated from the figures reported for the pay periods ending nearest the 15th of March, May, August, and November, whereas for 1947 such averages were based on 12 monthly employment figures. In 1967, the average employment calculation was revised to the pay periods which include the 12th of March, May, August, and November to provide data more comparable with other statistical series.

Establishments and classification.—The censuses of manufactures for 1947 through 1977 cover operating manufacturing establishments as defined in the *Standard Industrial Classification Manual (SIC)*, issued by the U.S. Office of Management and Budget (see text, p. 376). The *Manual* is also used for classifying establishments in the annual surveys. The comparability of manufactures data over time is affected by changes in the official definitions of industries as presented in the

Manual. It is important to note therefore that the 1972 edition of the *Manual* was used for the 1972 and 1977 censuses while the 1967 *Manual* was used for the 1967 census. For the censuses from 1947 to 1963, reports were required from all establishments employing one or more persons at any time during the census year. For the 1967 and 1972 censuses, reports were required only from establishments with 10 or more employees and establishments operated by multi-establishment companies. Data for single unit companies with less than 10 employees were estimated on the basis of government administrative records and industry averages. In the 1977 Census, data were based on administrative records for all establishments with fewer than 5 employees; and, depending on the industry, for those with fewer than 20. Each of the establishments tabulated was classified in one of the more than 450 manufacturing industries as defined by the *SIC Manual* in 1972 and 1977, as compared to 400 industries in the 1967 census. The *Manual* defines an industry as a number of establishments producing a single product or a closely related group of products. In the main, an establishment is classified in a particular industry if its production of a product or product group exceeds in value added its production of any other product group. While some establishments produce only the products of the industry in which they are classified, few within an industry specialize to that extent. The statistics on employment, payrolls, value added, inventories, and expenditures, therefore, reflect both the primary and secondary activities of the establishments in that industry. For this reason care should be exercised in relating such statistics to the total shipments figures of products primary to the industry.

The censuses for 1947 through 1977 were conducted on an establishment basis. The term "establishment" signifies a single physical plant site or factory. It is not necessarily identical with the business unit or company, which may consist of one or more establishments. A company operating establishments at more than one location is required to submit a separate report for each location. An establishment engaged in distinctly different lines of activity and maintaining separate payroll and inventory records is also required to submit separate reports.

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

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

NO. 1404. NATIONAL INCOME ORIGINATING IN MANUFACTURING: 1947 TO 1980

[In billions of dollars, except percent. Prior to 1963, excludes Alaska and Hawaii. For definition of national income, see text, p. 417. Refers to national income without capital consumption adjustment. Data represent net value added at factor costs. See *Historical Statistics, Colonial Times to 1970*, series F 230, for single-year figures prior to revisions issued in 1981]

ITEM	1947	1954	1958	1963	1967	1972	1974	1975	1976	1977	1978	1979	1980
Total manufacturing.....	60	95	108	144	194	252	301	318	367	411	464	515	527
Percent of national income.....	30	31	29	29	29	26	26	25	26	26	26	26	24
Durable goods.....	32	55	62	86	119	154	181	186	217	249	286	315	312
Percent of total	53	58	58	60	61	61	60	58	59	60	62	61	59
Nondurable goods.....	28	40	46	57	75	98	121	132	150	163	178	199	216

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and 1976-79, and *Survey of Current Business*, July 1981.

NO. 1405. MANUFACTURES—SUMMARY: 1947 TO 1978

[Prior to 1958, excludes Alaska and Hawaii. Census data, except as noted. For establishment coverage, see text, p. 776. See also *Historical Statistics, Colonial Times to 1970*, series P 1-12]

ITEM	Unit	1947	1954	1958	1963	1967	1972	1978 ¹	1977	1978
Number of establishments ²	1,000.....	³ 241	³ 287	303	312	311	321	(NA)	360	(NA)
With 20 or more employees.....	1,000.....	(NA)	³ 90	95	102	107	114	(NA)	119	(NA)
All employees, ⁴ annual average ⁵	Mil.....	³ 14.3	16.1	16.0	17.0	19.3	19.0	18.6	19.6	20.5
Payroll, all employees.....	Bil. dol.....	³ 40	66	78	100	132	174	233	264	299
Payroll per employee.....	\$1,000.....	³ 2.8	4.1	4.9	5.9	6.8	9.2	12.4	13.5	14.6
Production workers, annual average.....	Mil.....	11.9	12.4	11.7	12.2	14.0	13.5	13.1	13.7	14.2
Percent of all employees.....	Percent.....	83.2	77.0	73.1	71.8	72.5	71.1	69.7	69.9	69.3
Hours, production workers.....	Bil.....	24.3	24.3	22.7	24.5	27.8	26.7	25.4	26.7	27.7
Hours per worker.....	1,000.....	2.0	2.0	1.9	2.0	2.0	2.0	1.9	2.0	2.0
Wages, production workers.....	Bil. dol.....	30	45	50	62	81	106	138	157	176
Percent of payroll for all employees.....	Percent.....	75.0	68.2	64.1	62.0	61.4	60.9	59.2	59.5	58.9
Wages per worker.....	\$1,000.....	2.5	3.6	4.3	5.1	5.8	7.8	10.5	11.5	12.3
Wages per worker hour.....	Dol.....	1.24	1.83	2.19	2.53	2.92	3.95	5.43	5.88	6.35
Value added by manufacture ⁶	Bil. dol.....	74	117	142	192	262	354	511	585	657
Per production worker.....	\$1,000.....	6.2	9.5	12.1	15.7	18.8	26.2	39.0	42.7	46.3
Per production worker hour.....	Dol.....	3.04	4.81	6.25	7.83	9.42	13.25	20.12	21.91	23.72
Per dollar of workers' wages.....	Dol.....	2.47	2.60	2.84	2.90	3.23	3.34	3.70	3.73	3.73
Cost of materials.....	Bil. dol.....	(NA)	(NA)	(NA)	230	299	407	681	782	878
Value of shipments ⁷	Bil. dol.....	(NA)	(NA)	(NA)	421	557	757	1,186	1,359	1,523
Per production worker.....	\$1,000.....	(NA)	(NA)	(NA)	34.4	39.9	55.9	90.5	99.9	107.2
End-of-year inventories.....	Bil. dol.....	26	40	49	60	84	108	170	198	209
Capital expenditures, new ⁸	Bil. dol.....	6.0	8.2	9.5	11.4	21.5	24.1	40.7	47.5	55.2
Indexes:										
Employment.....	1967=100.....	74	83	83	88	100	98	97	101	106
Value added.....	1967=100.....	29	45	54	73	100	135	195	222	251
Shipments.....	1967=100.....	(NA)	(NA)	(NA)	76	100	136	213	242	273
Ratios:										
Value added to shipments.....	Ratio.....	(NA)	(NA)	(NA)	45.6	47.0	46.7	43.1	42.9	43.1
Inventories to shipments.....	Ratio.....	(NA)	(NA)	(NA)	14.2	15.0	14.2	14.3	13.8	13.7
Payroll to value added.....	Ratio.....	54.0	56.4	54.9	52.0	50.3	49.1	45.6	45.2	45.5
Gross book value of depreciable assets.....	Bil. dol.....	(NA)	(NA)	(NA)	158	218	301	395	439	479
Machinery and equipment.....	Bil. dol.....	(NA)	(NA)	(NA)	(NA)	157	218	292	328	360
Assets per employee.....	\$1,000.....	(NA)	(NA)	(NA)	9.3	11.3	16.4	21.0	22.4	23.4

NA Not available. ¹ Estimated data based on *Annual Survey of Manufactures*; see text, p. 775. ² Includes administrative and auxiliary units, except as noted. ³ Excludes administrative offices and auxiliary units. ⁴ Includes data for employees of manufacturing establishments engaged in distribution and construction work. ⁵ Data for most industries in 1954 and for all industries since 1954 are based on pay periods ending nearest 15th of March, May, August, and November. For 1947, and industries of a seasonal type in 1954, data represent average of 12 monthly figures. ⁶ Unadjusted for 1947; thereafter, adjusted. Unadjusted value added is obtained by subtracting cost of materials, supplies, containers, fuel, purchased electric energy, and contract work from value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) net change in finished goods and work-in-process inventories between beginning and end of year. ⁷ Includes extensive and unmeasurable duplication from shipments between establishments in the same industry classification. ⁸ Beginning 1954, includes plants under construction and not yet in operation.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1947, 1954, 1958, 1963, 1967, 1972, and 1977* final reports; and *Annual Survey of Manufactures*.

NO. 1406. FINANCES OF MANUFACTURING CORPORATIONS: 1960 TO 1980

[In billions of dollars. See tables 942 and 943 for individual industry data]

ITEM	1960	1965	1967	1970	1972	1974	1975	1976	1977	1978	1979	1980
Net sales.....	346	492	575	709	850	1,061	1,065	1,203	1,328	1,496	1,742	1,897
Net operating profit.....	26	46	48	50	66	84	77	97	107	122	135	129
Net profit:												
Before taxes.....	28	47	48	48	63	87	80	105	115	133	154	145
After taxes.....	15	28	29	29	36	59	49	65	70	81	99	92
Cash dividends.....	8	12	13	15	16	19	20	23	27	29	32	36
Retained earnings.....	7	16	16	14	20	39	29	42	44	52	66	58

Source: U.S. Federal Trade Commission, *Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations*, fourth quarter reports.

No. 1407. INDUSTRIAL PRODUCTION INDEXES, BY INDUSTRY: 1960 TO 1981

[1967 = 100. Based on 1967 *Standard Industrial Classification Manual* (see text, p. 776). See also *Historical Statistics, Colonial Times to 1970*, series P 13 and P 18-39]

MAJOR INDUSTRY GROUP	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981, Jan-June
Industrial production.....	66	90	108	110	120	130	129	118	131	138	146	153	147	152
Manufacturing.....	65	90	106	108	119	130	129	116	130	138	147	154	147	152
Durable goods.....	63	89	102	102	114	127	126	109	122	130	140	146	137	142
Primary metals.....	72	102	107	100	112	127	123	96	110	111	120	121	102	112
Fabricated metal products.....	71	91	102	104	112	125	124	110	124	131	142	149	135	138
Electrical machinery.....	52	82	108	108	122	143	144	117	135	145	159	175	173	178
Nonelectrical machinery.....	57	85	104	100	116	134	140	125	135	144	154	164	163	170
Transportation equipment.....	65	95	90	98	108	118	109	97	111	122	133	135	117	120
Insoluble goods.....	58	83	112	110	120	139	144	132	147	156	167	175	171	171
Clay, glass, stone products.....	79	98	108	111	121	134	133	118	136	146	157	164	147	154
Lumber and products.....	75	96	106	114	121	126	116	108	129	131	136	137	119	128
Furniture and fixtures.....	72	95	108	116	131	144	138	118	137	145	156	162	150	158
Miscellaneous.....	71	94	111	112	127	138	138	128	145	149	151	154	148	156
Nondurable goods.....	69	91	112	117	127	134	135	126	142	151	157	164	161	166
Textile mill products.....	69	93	112	117	133	143	133	122	135	134	138	145	137	138
Apparel products.....	82	97	101	105	109	117	114	108	126	134	134	134	129	122
Leather and products.....	90	96	90	87	88	83	78	77	77	74	74	72	70	69
Paper and products.....	68	92	115	120	129	137	135	116	133	138	145	151	151	156
Printing and publishing.....	71	88	107	107	113	118	118	113	123	128	132	137	140	143
Chemicals and products.....	56	88	120	126	144	155	159	147	171	186	197	212	207	220
Petroleum products.....	77	92	113	117	122	129	125	124	134	143	145	144	135	131
Rubber and plastics products.....	52	86	132	148	172	184	185	167	200	232	254	272	256	274
Foods.....	79	92	109	113	117	121	124	123	133	139	143	148	149	152
Tobacco products.....	91	100	102	101	106	112	110	112	117	113	118	118	120	123
Mining.....	80	93	112	110	113	115	115	113	114	118	124	126	133	140
Utilities.....	63	89	125	131	139	145	144	146	152	157	161	166	170	169
Energy ¹.....	70	89	117	120	125	128	126	126	129	133	135	138	139	136

¹ Production of energy is represented by output of primary energy, such as crude oil, natural gas, and coal mining, and by the conversion of primary energy to other energy forms for final consumption.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 1408. CAPACITY UTILIZATION RATES IN MANUFACTURING: 1965 TO 1980

[In percent. Annual figures are averages of quarterly data, except yearend 1965. Capacity represents maximum practical amount of output that can be produced with current stock of plant and equipment]

INDUSTRY	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
All manufacturers.....	86	81	80	83	86	83	77	81	83	84	82	78
Firms with assets of—												
\$100 million and over.....	89	83	83	86	88	85	78	84	85	86	85	79
\$10 million–\$99.9 million.....	85	79	78	81	83	81	75	78	80	81	81	78
Under \$10 million.....	80	73	73	77	79	77	72	76	78	78	76	72
Durable goods ¹.....	88	78	78	82	85	82	76	81	84	84	83	77
Electrical machinery.....	83	76	76	81	82	83	73	80	82	83	82	80
Machinery, except electrical.....	95	86	81	84	87	88	83	86	89	91	91	90
Transportation equipment ¹	89	75	81	85	87	78	76	82	86	85	80	72
Motor vehicles.....	96	81	92	97	100	83	83	93	99	95	84	67
Aircraft.....	79	68	65	69	69	71	65	65	68	70	76	79
Primary metals.....	(NA)	82	75	86	88	88	73	78	80	84	84	74
Stone, clay, and glass.....	84	76	80	83	83	79	70	77	79	80	80	73
Nondurable goods ¹.....	85	83	83	85	86	84	79	82	82	82	82	79
Food, including beverages.....	75	82	81	81	81	80	77	77	78	79	79	76
Textiles.....	83	82	84	89	90	81	78	85	86	85	83	80
Paper.....	95	86	88	90	94	91	79	87	88	88	91	88
Chemicals.....	85	82	81	84	88	85	74	80	78	80	83	78
Petroleum.....	95	95	94	94	97	89	89	93	92	90	86	81
Rubber.....	93	82	86	89	89	85	74	80	85	83	77	70

NA Not available. ¹ Includes items not shown separately.

Source: U.S. Bureau of Economic Analysis. Quarterly data in *Survey of Current Business*, monthly.

No. 1409. INDEX OF MANUFACTURING CAPACITY AND RELATION OF OUTPUT TO CAPACITY: 1950 TO 1981

[1967 output=100. Annual figures are averages of quarterly data. Capacity represents estimated quantity of output, relative to output in 1967, which the *current* stock of plant and equipment in manufacturing industries was capable of producing. Primary processing industries comprise textiles, lumber, paper and pulp, petroleum, rubber, stone, clay, glass, primary metals, fabricated metals, and a portion of chemicals. Advanced processing industries comprise chemical products, food, beverages, tobacco, apparel, furniture, printing and publishing, leather, machinery, transportation equipment, instruments, ordnance, and miscellaneous industry groups]

YEAR	Index of capacity	RELATION OF OUTPUT TO CAPACITY (percent)			YEAR	Index of capacity	RELATION OF OUTPUT TO CAPACITY (percent)		
		All manufacturing	Primary processing	Advanced processing			All manufacturing	Primary processing	Advanced processing
1950.....	54	83	89	80	1974.....	154	84	88	82
1955.....	67	87	92	84	1975.....	160	73	74	73
1960.....	82	80	80	81	1976.....	164	80	82	78
1965.....	100	90	91	89	1977.....	169	82	84	81
1967.....	115	87	86	88	1978.....	174	84	87	83
1968.....	122	87	88	87	1979.....	179	86	88	84
1969.....	129	86	89	85	1980.....	186	79	78	79
1970.....	134	79	83	77	1981: 1st qtr.....	189	80	81	79
1971.....	138	78	82	76	2nd qtr.....	191	80	80	80
1972.....	142	84	86	81	3d qtr.....	192	79	79	79
1973.....	148	88	93	85					

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, November 1976, and *Capacity Utilization in Manufacturing and Materials*, G.3., monthly. (Based on data from Federal Reserve Board, U.S. Dept. of Commerce, U.S. Bureau of Labor Statistics, and McGraw-Hill Information Systems Company, New York, N.Y.)

No. 1410. MANUFACTURES—SUMMARY, BY TYPE OF OPERATION: 1947 TO 1977

[A multiunit company operates establishments at more than one location. See text, p. 776]

ITEM	Unit	1947	1954	1958	1963	1967	1972	1977
Multiunit companies: Establishments.....	1,000.....	35.2	31.8	41.9	45.9	51.7	70.2	81.2
Employees.....	Million.....	8.0	9.5	10.1	11.0	13.3	14.3	15.0
Production workers.....	Million.....	6.7	7.4	7.2	8.1	9.8	9.8	10.1
Payroll, all employees.....	Bil. dol.....	22.8	40.6	51.8	68.2	93.8	138.8	214.2
Wages, production workers.....	Bil. dol.....	17.8	29.0	33.5	44.7	60.9	81.9	124.9
Value added by manufacture.....	Bil. dol.....	43.9	79.6	105.3	146.6	206.4	286.1	465.0
Capital expenditures, new.....	Bil. dol.....	(NA)	6.5	7.5	8.9	18.6	20.0	41.0
Single unit companies: Establishments.....	1,000.....	205.6	255.0	256.3	260.8	254.0	250.5	278.7
Employees.....	Million.....	6.3	6.2	5.3	5.2	5.2	4.8	4.6
Payroll, all employees.....	Bil. dol.....	16.9	22.3	21.9	25.1	28.5	35.4	49.8
Value added by manufacture.....	Bil. dol.....	30.3	37.4	37.9	45.5	55.5	67.9	100.1

NA Not available. ¹ Includes data obtained from Federal administrative records.

Source: U.S. Bureau of the Census, 1977 *Census of Manufactures, Type of Organization*, subject series, MC77-SR-7.

No. 1411. MANUFACTURERS' SHIPMENTS, INVENTORIES AND ORDERS: 1960 TO 1980

[In billions of dollars, except ratios. See also *Historical Statistics, Colonial Times to 1970*, series P 74-92]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Shipments.....	370.5	491.9	633.7	875.2	1,017.5	1,039.1	1,185.6	1,358.4	1,523.4	1,727.3	1,845.9
Durable goods.....	190.6	266.7	338.3	476.2	530.7	523.9	608.3	711.2	814.2	909.6	936.0
Nondurable goods.....	179.9	225.3	295.4	399.0	486.8	515.3	577.4	647.2	709.3	817.7	909.9
Inventories (Dec. 31).....	53.6	68.0	101.2	124.3	157.6	159.8	179.9	188.4	209.1	240.4	256.6
Durable goods.....	32.0	42.0	66.3	80.7	100.9	102.1	111.5	120.4	136.3	159.6	169.6
Nondurable goods.....	21.5	26.0	35.0	43.6	56.7	57.7	63.3	68.1	72.9	80.8	87.0
Ratio of inventories to sales ¹	1.79	1.58	1.91	1.63	1.86	1.77	1.86	1.58	1.55	1.62	1.57
Durable goods.....	2.13	1.78	2.35	2.01	2.32	2.28	2.04	1.93	1.87	2.12	2.04
Nondurable goods.....	1.44	1.34	1.40	1.20	1.37	1.26	1.24	1.20	1.17	1.10	1.08
New orders.....	363.0	505.7	624.5	915.4	1,047.1	1,021.0	1,193.5	1,380.3	1,579.3	1,770.9	1,860.7
Durable goods.....	183.8	279.8	328.7	515.4	562.1	503.4	615.8	732.9	868.3	952.2	951.2
Nondurable goods.....	179.2	225.9	295.8	400.0	485.0	517.6	577.7	647.4	711.0	818.7	909.5
Unfilled orders (Dec. 31).....	44.9	80.4	105.7	160.2	189.9	172.5	181.4	203.3	259.3	302.9	317.7
Durable goods.....	42.4	76.6	101.1	153.0	184.5	164.9	173.4	195.1	249.3	291.9	307.0
Nondurable goods.....	2.5	3.8	4.6	7.2	5.3	7.6	8.0	8.2	10.0	11.0	10.7

¹ Ratio based on December seasonally adjusted data.

Source: U.S. Bureau of the Census, *Manufacturers' Shipments, Inventories and Orders, 1972-1980*, M31.10; and unpublished data.

NO. 1412. OPERATING MANUFACTURING ESTABLISHMENTS—SELECTED DATA, BY LEGAL FORM OF ORGANIZATION: 1954 TO 1977

[1954 excludes Alaska and Hawaii. For establishment coverage, see text, p. 776. See also *Historical Statistics, Colonial Times to 1970*, series P 205-211]

FORM OF ORGANIZATION AND YEAR	Estab- lish- ments ¹ (1,000)	ALL EMPLOYEES		PRODUCTION WORKERS		Value added by manu- facture ³ (mil. dol.)	Capital expendi- tures, new (mil. dol.)
		Total ² (1,000)	Payroll (mil. dol.)	Total ² (1,000)	Wages (mil. dol.)		
Corporate:							
1954	148.5	14,273	59,051	11,205	41,480	109,669	7,752
1963	176.2	15,245	89,356	11,426	59,064	184,100	10,791
1967 ⁴	153.9	17,697	119,530	13,260	78,429	253,261	20,989
1972	233.2	18,545	171,143	13,118	103,254	347,086	23,520
1977	284.2	19,114	259,306	13,302	153,891	574,044	46,474
Noncorporate, total:⁵							
1954	138.4	1,372	3,912	1,166	3,111	7,363	449
1963	130.4	990	3,932	806	3,030	8,002	580
1967 ⁴	33.2	530	2,709	433	2,008	5,636	370
1972	87.5	482	3,043	408	2,237	6,908	453
1977	75.7	476	4,707	389	3,273	11,052	1,210
Individual proprietorship:							
1954	88.2	593	1,527	507	1,237	2,735	176
1963	99.2	536	2,033	440	1,595	3,916	315
1967 ⁴	24.9	243	1,187	210	933	2,361	141
1972	42.5	213	1,303	183	963	2,885	186
1977	52.3	202	1,840	174	1,322	3,961	300
Partnership:							
1954	47.9	703	2,108	602	1,684	4,054	216
1963	27.7	334	1,034	277	1,062	2,726	141
1967 ⁴	6.7	193	971	157	730	1,895	114
1972	17.7	167	1,067	139	792	2,413	150
1977	18.3	123	1,213	100	829	2,681	206

¹ Beginning 1963, includes administrative offices and auxiliary units. ² For method of calculation, see text, p. 775.

³ For definition, see footnote 6, table 1405. ⁴ Excludes establishments with fewer than 10 employees. ⁵ Includes forms of organization not shown separately.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1967, 1972, and 1977*, vol. I, and special report, *Type of Organization*, MC 77(SR)-3.

NO. 1413. MANUFACTURES—SUMMARY, BY EMPLOYEE SIZE-CLASS: 1954 TO 1977

ITEM AND YEAR	All estab- lish- ments	ESTABLISHMENTS WITH TOTAL EMPLOYEES—					PERCENT DISTRIBUTION				
		Under 20	20-99	100-249	250-999	1,000 and over	Under 20	20- 99	100- 249	250- 999	1,000 and over
Establishments (1,000):¹											
1954	287	196	64	16	9	2	68.4	22.3	5.5	3.1	.7
1963	307	207	70	18	10	2	67.6	22.9	5.7	3.2	.5
1967	306	199	74	20	11	2	65.0	24.2	6.5	3.6	.7
1972	313	203	76	21	12	2	64.9	24.3	6.7	3.8	.6
1977	351	237	78	22	12	2	67.5	22.3	6.1	3.4	.6
Employees (1,000):¹											
1954	116,848	1,198	2,835	2,490	4,082	5,103	7.7	18.1	15.5	26.0	32.6
1963	16,235	1,175	3,072	2,727	4,312	4,951	7.3	18.9	16.8	26.5	30.5
1967	18,492	1,042	3,276	3,069	5,042	6,062	5.6	17.7	16.6	27.3	32.8
1972	18,032	1,114	3,356	3,232	5,155	5,175	6.2	18.6	17.9	28.6	28.7
1977	18,515	1,206	3,490	3,336	5,393	5,091	6.5	18.8	18.0	29.1	27.5
Payroll (mil. dol.):¹											
1954	62,983	3,765	10,246	9,171	16,264	23,516	6.0	16.3	14.6	25.9	37.3
1963 ²	93,299	5,502	15,191	13,926	23,740	34,772	6.0	16.3	15.0	25.5	37.3
1967	123,481	6,080	19,205	18,172	31,688	46,335	4.9	15.6	14.7	27.7	39.1
1972	160,414	8,645	25,787	25,348	43,348	57,286	5.4	16.1	15.8	27.0	35.7
1977	242,032	13,712	38,690	37,772	66,248	85,609	5.7	16.0	15.6	27.4	35.4
Value added by manufacture (mil. dol.):³											
1954	116,848	7,207	18,013	17,143	31,286	43,199	6.1	15.4	14.7	26.8	37.0
1963 ²	192,102	11,310	30,073	28,826	51,054	71,056	5.9	15.6	15.0	26.5	36.9
1967	261,984	13,271	39,138	38,922	71,036	99,617	5.1	14.9	14.9	27.1	38.0
1972	353,973	19,127	54,870	56,467	99,923	123,586	5.4	15.5	16.0	28.2	34.9
1977	585,166	30,081	89,829	92,232	172,607	200,417	5.1	15.4	15.8	29.5	34.2
Value of shipments (mil. dol.):⁴											
1963 ²	420,528	24,684	69,329	66,438	110,736	149,654	5.9	16.5	15.8	26.3	35.6
1967	557,398	27,461	87,481	87,367	150,770	204,319	4.9	15.7	15.7	27.0	36.7
1972	756,534	38,584	120,972	127,206	212,511	257,622	5.1	16.0	16.8	28.0	34.1
1977	1,358,526	29,922	211,422	220,485	404,763	456,596	2.2	15.6	16.2	29.8	33.6

¹ Excludes administrative offices and auxiliary units. ² Individual size-class data do not add to total because they were derived from separate tabulations. ³ For definition, see footnote 6, table 1405. ⁴ See footnote 7, table 1405.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1967, Size of Establishments*, MC67(1)-2, and *Census of Manufactures, 1954, 1963, 1967, 1972, and 1977, General Summary*, MC77(1)-1.

**NO. 1414. MANUFACTURING EMPLOYMENT AND VALUE ADDED—PERCENT DISTRIBUTION, BY
GEOGRAPHIC DIVISIONS: 1950 TO 1978**

[For composition of divisions, see fig. 1, inside front cover. For definition of "value added," see table 1405]

GEOGRAPHIC DIVISION ^a	1950	1954	1958	1963	1965	1967	1970	1972	1975	1976	1977	1978
EMPLOYMENT												
New England.....	9.8	9.0	8.7	8.4	8.2	8.1	7.6	7.2	7.1	7.1	7.1	7.1
Middle Atlantic.....	26.9	26.6	25.7	24.0	23.4	22.6	21.8	20.7	19.5	18.5	18.7	18.0
East North Central.....	30.0	28.6	26.6	26.4	27.2	26.7	26.0	25.9	25.5	25.4	25.3	25.1
West North Central.....	5.6	6.0	6.0	6.0	6.0	6.2	6.2	6.3	6.8	6.6	6.6	6.7
South Atlantic.....	11.1	11.0	11.8	12.6	12.7	12.9	13.6	14.4	14.3	14.4	14.3	14.4
East South Central.....	4.4	4.5	4.9	5.2	5.6	5.7	6.1	6.6	6.7	6.8	6.7	6.7
West South Central.....	4.0	4.5	5.0	5.1	5.3	5.6	6.1	6.5	7.0	7.4	7.3	7.5
Mountain.....	1.1	1.1	1.4	1.7	1.6	1.6	1.8	2.0	2.2	2.4	2.4	2.5
Pacific.....	7.0	8.8	10.0	10.6	10.0	10.6	10.3	10.4	10.9	11.5	11.5	11.9
VALUE ADDED												
New England.....	8.3	7.8	7.4	7.1	7.1	7.2	6.8	6.4	6.2	6.1	6.1	6.2
Middle Atlantic.....	26.2	26.0	24.6	22.7	22.5	21.9	21.4	19.9	18.5	17.6	17.6	17.2
East North Central.....	33.2	31.2	28.9	29.3	30.2	28.6	27.5	28.2	26.9	27.4	27.4	27.2
West North Central.....	5.7	6.1	6.3	6.1	6.2	6.4	6.9	6.7	7.0	7.0	7.0	7.1
South Atlantic.....	9.4	9.1	10.1	11.0	11.1	11.2	11.8	12.5	12.1	12.4	12.4	12.5
East South Central.....	3.8	4.0	4.5	4.8	5.1	5.2	5.7	6.0	6.1	6.2	6.1	6.2
West South Central.....	4.3	4.9	5.5	5.7	5.8	6.3	6.7	7.0	8.9	8.9	8.9	8.7
Mountain.....	1.2	1.2	1.6	1.8	1.6	1.7	1.9	2.1	2.4	2.3	2.3	2.4
Pacific.....	7.9	9.7	11.1	11.5	10.7	11.3	11.1	11.3	11.9	12.2	12.2	12.4

Source: U.S. Bureau of the Census, *Census of Manufactures, 1963, 1967, 1972, 1977: General Summary, MC77(1)-1*; and *Annual Survey of Manufactures*.

NO. 1415. CAPITAL IN MANUFACTURING ESTABLISHMENTS: 1960 TO 1980

[In billions of dollars. Minus sign (—) denotes decline. Data refer to privately owned manufacturing establishments and are based on the capital expenditures data from the census of manufactures, the Annual Survey of Manufactures, and the inventory investment component of GNP. For details, see source. See *Historical Statistics, Colonial Times to 1970*, series P 107-122, for single-year figures prior to revisions issued in 1981]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
In current dollars:											
Purchases.....	10.8	18.3	23.8	29.0	38.3	39.8	43.4	51.2	57.7	67.3	71.4
Equipment.....	7.8	13.8	17.5	22.4	29.3	31.6	34.7	41.8	47.1	55.1	57.7
Structures.....	3.0	4.5	6.4	6.6	9.0	8.2	8.7	9.4	10.5	12.3	13.7
Depreciation (straight-line) ¹	10.0	12.0	18.9	23.0	26.5	31.6	34.5	38.5	43.5	49.8	57.7
Equipment.....	7.3	8.8	14.0	16.7	19.0	23.3	26.1	29.5	33.4	38.3	44.7
Structures.....	2.7	3.1	4.9	6.3	7.5	8.3	8.4	8.9	10.0	11.5	13.0
Net investment ²	.9	6.4	4.9	6.0	11.8	8.2	8.9	12.7	14.2	17.5	13.7
Equipment.....	.5	5.0	3.5	5.7	10.3	8.3	8.6	12.3	13.7	16.8	13.0
Structures.....	.3	1.4	1.4	.3	1.5	—1	.3	.4	.5	.8	.7
Net value ³	152.2	187.9	299.6	377.2	482.3	509.1	551.4	612.9	692.5	809.5	924.4
Equipment and structures.....	95.6	116.4	191.2	236.1	292.7	319.3	343.9	387.3	437.8	498.3	580.2
Equipment.....	54.7	68.2	112.3	136.0	170.4	198.2	219.0	248.8	281.8	321.8	381.4
Structures.....	40.9	48.1	78.9	100.0	122.3	121.2	124.8	138.5	156.1	176.5	198.7
Inventories (end of year).....	56.6	71.5	108.4	141.1	189.6	199.8	207.5	225.6	254.7	311.2	344.2
In 1972 dollars:											
Purchases.....	15.6	24.5	25.9	27.9	33.4	30.4	31.6	35.3	37.1	40.3	39.2
Equipment.....	10.3	17.3	18.5	21.8	26.3	24.5	25.3	28.9	30.7	33.7	32.6
Structures.....	5.3	7.2	7.3	6.1	7.1	5.9	6.2	6.3	6.4	6.6	6.6
Depreciation.....	14.1	15.9	20.4	22.1	23.0	24.0	25.0	26.2	27.6	29.2	30.6
Equipment.....	9.6	11.1	14.8	16.3	17.1	18.0	19.0	20.1	21.5	23.0	24.6
Structures.....	4.4	4.8	5.6	5.8	5.9	6.0	6.0	6.1	6.1	6.2	6.2
Net investment.....	1.5	8.6	5.5	5.8	10.4	6.4	6.6	9.1	9.5	11.1	8.4
Equipment.....	.6	6.2	3.7	5.5	9.2	6.5	6.4	8.8	9.2	10.7	8.0
Structures.....	.9	2.4	1.7	.3	1.2	—1	.2	.3	.3	.4	.3
Real net value ³	210.3	245.1	315.1	337.1	356.8	359.8	370.6	383.1	398.2	416.6	424.5
Equipment and structures ⁴	140.4	158.1	202.2	215.3	225.9	232.7	239.7	249.2	259.1	270.7	279.5
Equipment.....	71.9	84.8	115.8	128.0	137.4	144.3	151.1	160.3	169.9	181.1	189.6
Structures.....	68.6	73.2	86.3	87.3	88.5	88.4	88.6	88.9	89.2	89.6	89.9
Inventories (end of year).....	69.9	87.0	112.9	121.8	130.9	127.1	130.9	133.9	139.1	145.9	145.0

¹ Estimates derived by using perpetual inventory method and assuming, in general, service lives of 85 percent of those shown in Internal Revenue Service's Bulletin F. ² Represents the difference between purchases and depreciation. ³ End of year.

⁴ Represents real net value of equipment and structures at preceding yearend plus net investment based on straight-line depreciation for year shown.

Source: U.S. Bureau of Economic Analysis, unpublished data.

No. 1416. MANUFACTURES SUMMARY,

[Sum of State totals may not add to U.S. total]

	STATE	1967					1972				
		Establishments ¹		All employees ²		Value added by manufacture ⁴ (mil. dol.)	Establishments ¹		All employees ²		Value added by manufacture ⁴ (mil. dol.)
		Total	With 20 or more employees	Number ³ (1,000)	Payroll (mil. dol.)		Total	With 20 or more employees	Number ³	Payroll (mil. dol.)	
1	U.S.	311,140	110,256	19,323	132,209	261,984	320,701	114,195	19,027	174,187	353,973
2	N.E.	24,286	9,164	1,562	10,190	18,972	23,731	8,718	1,362	11,905	22,501
3	Maine	2,385	615	111	577	1,070	2,075	590	100	695	1,376
4	N.H.	1,481	566	95	513	932	1,434	566	90	663	1,279
5	Vt.	925	281	43	259	515	860	274	37	311	576
6	Mass.	10,963	4,471	714	4,646	8,715	10,770	4,153	619	5,486	10,678
7	R.I.	2,703	922	122	700	1,351	2,756	904	118	888	1,764
8	Conn.	5,829	2,309	478	3,494	6,390	5,836	2,231	399	3,860	6,826
9	M.A.	76,422	29,002	4,360	30,527	57,262	71,808	26,983	3,933	37,120	70,330
10	N.Y.	42,911	14,730	1,929	13,852	25,247	38,341	12,995	1,679	16,219	30,402
11	N.J.	14,740	5,903	881	6,325	12,738	15,069	5,918	836	8,107	16,409
12	Pa.	19,771	8,369	1,550	10,350	19,277	18,398	8,070	1,418	12,794	23,519
13	E.N.C.	63,062	24,563	5,151	38,495	75,016	64,673	24,761	4,933	50,958	99,949
14	Ohio	15,428	6,285	1,397	10,523	20,435	16,390	6,487	1,346	13,810	27,171
15	Ind.	6,920	2,917	710	5,023	10,308	7,354	3,049	704	6,882	14,112
16	Ill.	18,536	7,477	1,397	10,014	20,017	18,617	7,345	1,306	12,800	25,847
17	Mich.	14,340	5,157	1,134	9,357	17,242	14,467	5,019	1,076	12,745	23,376
18	Wis.	7,838	2,727	512	3,578	7,014	7,845	2,861	501	4,722	9,443
19	W.N.C.	20,623	6,893	1,206	8,165	16,773	21,467	7,393	1,202	10,923	23,585
20	Minn.	5,409	1,778	300	2,107	4,080	5,698	1,930	302	2,889	5,524
21	Iowa	3,388	1,092	210	1,435	3,251	3,387	1,170	216	2,039	4,758
22	Mo.	6,545	2,457	452	3,049	5,895	6,732	2,470	434	3,897	8,189
23	N. Dak.	454	92	8	42	113	482	117	10	79	201
24	S. Dak.	604	137	16	93	171	606	151	17	135	285
25	Nebr.	1,672	525	77	476	1,150	1,723	598	85	704	1,733
26	Kans.	2,551	812	144	965	2,112	2,839	957	137	1,181	2,915
27	S.A.	37,961	13,138	2,502	14,014	29,313	41,534	14,981	2,739	20,638	44,349
28	Del.	528	253	71	588	958	567	243	69	755	1,282
29	Md.	3,401	1,463	288	1,956	3,781	3,579	1,437	256	2,386	4,707
30	D.C.	593	155	23	179	333	564	135	19	220	389
31	Va.	4,938	1,620	340	1,905	4,068	4,837	1,768	375	2,826	6,178
32	W. Va.	1,844	563	124	832	2,170	1,734	607	121	1,098	2,647
33	N.C.	8,266	3,379	643	3,066	6,607	8,632	3,794	744	4,929	11,015
34	S.C.	3,485	1,251	304	1,502	3,030	3,719	1,441	345	2,345	4,966
35	Ga.	6,976	2,268	423	2,231	4,684	7,627	2,663	467	3,330	7,370
36	Fla.	7,950	2,186	285	1,755	3,683	10,275	2,893	343	2,750	5,787
37	E.S.C.	15,746	5,528	1,092	5,909	13,718	16,525	6,246	1,249	9,211	21,234
38	Ky.	2,994	1,135	225	1,352	3,636	3,167	1,259	259	2,160	5,682
39	Tenn.	5,040	2,022	418	2,190	4,921	5,647	2,291	467	3,352	7,662
40	Ala.	4,951	1,446	289	1,603	3,526	4,984	1,630	323	2,397	5,065
41	Miss.	2,761	925	160	764	1,635	2,277	1,066	200	1,302	2,825
42	W.S.C.	21,883	6,727	1,083	6,855	16,617	24,018	7,873	1,239	10,281	24,596
43	Ark.	2,911	927	144	666	1,558	2,897	1,053	181	1,152	2,800
44	La.	3,639	1,016	165	1,084	2,790	3,657	1,133	179	1,601	4,273
45	Okla.	2,611	745	118	764	1,346	3,042	897	143	1,188	2,270
46	Tex.	12,722	4,039	658	4,340	10,922	14,422	4,790	736	6,340	15,253
47	Mt.	8,679	2,243	315	2,123	4,522	10,119	2,831	388	3,469	7,446
48	Mont.	923	191	20	130	312	943	206	21	165	463
49	Idaho	1,131	303	37	220	503	1,190	350	43	303	821
50	Wyo.	331	65	6	37	86	377	78	7	57	144
51	Colo.	2,461	664	104	731	1,509	2,841	834	133	1,298	2,504
52	N. Mex.	749	169	17	99	205	926	227	24	157	358
53	Ariz.	1,630	424	77	543	995	2,037	597	94	855	1,880
54	Utah	1,124	353	47	315	778	1,358	430	57	486	1,069
55	Nev.	330	74	7	50	134	447	109	10	92	208
56	Pac.	42,433	12,972	2,050	15,911	29,675	46,826	14,400	1,982	19,682	39,968
57	Wash.	5,014	1,375	271	2,119	3,764	5,345	1,463	226	2,308	4,721
58	Oreg.	4,437	1,275	163	1,083	2,061	4,670	1,461	179	1,627	3,490
59	Calif.	31,962	10,012	1,584	12,515	23,394	35,699	11,149	1,545	15,478	31,175
60	Alaska	323	95	8	56	130	342	91	8	77	171
61	Hawaii	697	215	25	140	326	770	236	25	191	410

X. Not applicable. ¹ Includes central administrative offices and auxiliary units. ² Includes employment and payroll at administrative offices and auxiliary units. ³ "All employees" represents the average of "production workers" plus all other employees for the payroll period ended nearest the 12th of March. "Production workers" represents the average of the employment for the payroll periods ended nearest the 12th of March, May, August, and November.

BY STATES: 1967 TO 1977

because U.S. and State figures were independently derived¹

1977							Leading major industry groups ranked by value added by manufacture, 1977	
Establishments ¹		All employees ²		Production workers ³		Value added by manu- facture ⁴ (mil. dol.)		
Total	With 20 or more employ- ees	Num- ber ² (1,000)	Payroll (mil. dol.)	Num- ber ³ (1,000)	Wages (mil. dol.)			
359,928	118,699	19,590	264,013	13,691	157,164	585,166	Mach. exc. electrical; trans. equip.; chemicals.	1
25,737	8,881	1,390	17,602	943	9,623	35,587	(x)	2
2,157	595	103	1,078	84	781	2,343	Paper; leather; lumber.	3
1,825	623	95	1,029	72	645	2,175	Elec. equip.; machinery exc. elec.; paper.	4
1,030	298	42	498	29	270	1,050	Elec. equip.; mach. exc. elec.; fabricated metal.	5
11,133	4,054	613	7,819	408	4,199	16,349	Machinery exc. elec.; elec. equip.; instruments.	6
3,107	945	125	1,327	95	825	2,737	Misc. mfg.; fabricated metal; primary metal.	7
6,485	2,366	412	5,852	255	2,902	10,934	Fabricated metal; mach. exc. elec.; trans. equip.	8
71,009	24,904	3,617	49,843	2,382	26,929	103,160	(x)	9
36,578	11,425	1,510	20,876	958	10,419	44,290	Print. and publish.; instruments; mach. exc. elec.	10
15,696	5,775	778	10,924	490	5,562	22,853	Chemicals; food; electrical equip.	11
18,735	7,704	1,329	18,043	934	10,949	36,017	Primary metal; machinery exc. electrical; food.	12
69,237	25,941	4,974	76,908	3,475	48,128	160,223	(x)	13
17,354	6,728	1,331	20,356	924	12,908	43,055	Trans. equip.; machinery exc. elec.; primary metal.	14
8,061	3,229	706	10,439	522	7,047	22,718	Electrical equip.; trans. equip.; primary metal.	15
19,517	7,441	1,286	18,741	858	10,757	40,279	Machinery exc. elec.; food; elec. equip.	16
15,627	5,380	1,116	20,054	789	12,721	37,566	Trans. equip.; machinery exc. elec.; fab. metal.	17
8,678	3,163	535	7,318	381	4,697	16,606	Machinery exc. elec.; food; paper.	18
24,321	7,804	1,297	17,389	891	10,331	40,621	(x)	19
6,637	2,126	332	4,693	211	2,413	9,605	Machinery exc. elec.; food; elec. equip.	20
3,783	1,245	240	3,383	171	2,191	8,684	Machinery exc. elec.; food; chemicals.	21
7,354	2,429	433	5,704	299	3,405	13,042	Transportation equip.; food; chemicals.	22
571	145	14	162	9	97	473	Food; machinery exc. elec.; print. and publishing.	23
740	195	23	251	17	169	612	Food; machinery exc. electrical; lumber.	24
1,965	626	88	1,075	63	681	2,867	Food; machinery exc. elec.; elec. equip.	25
3,270	1,037	168	2,115	122	1,371	5,338	Trans. equip.; machinery exc. elec.; food.	26
47,692	15,560	2,823	31,502	2,131	19,996	72,304	(x)	27
619	231	67	1,141	32	410	1,596	Chemicals; food; petroleum.	28
3,937	1,351	244	3,420	163	1,976	7,116	Food; electronic equipment; primary metal.	29
555	130	19	298	8	102	610	Printing and publishing; food; fabricated metal.	30
5,519	1,879	395	4,442	302	2,917	10,882	Chemicals; food; tobacco.	31
1,857	583	117	1,621	89	1,124	3,880	Chem.; primary metal; stone, clay, glass prod.	32
9,954	4,005	765	7,519	611	5,086	18,231	Textiles; tobacco; chemicals.	33
4,229	1,560	374	3,805	300	2,640	8,186	Textiles; chemicals; machinery exc. elec.	34
8,623	2,906	485	5,125	376	3,404	12,549	Textiles; transportation equipment; food.	35
12,399	2,915	358	4,133	250	2,336	9,255	Food; electrical equip.; chemicals.	36
19,187	6,797	1,328	14,506	1,036	9,959	36,234	(x)	37
3,548	1,318	278	3,452	209	2,303	9,546	Machinery exc. elec.; chemicals, elec. equip.	38
6,487	2,477	490	5,219	376	3,481	12,663	Chemicals; food; machinery exc. elec.	39
5,863	1,855	341	3,773	273	2,698	8,406	Primary metals; paper; chemicals.	40
3,289	1,147	219	2,062	178	1,477	5,619	Transportation equip.; lumber; elec. equip.	41
29,796	9,048	1,442	18,319	1,017	10,990	52,112	(x)	42
3,595	1,101	197	1,932	161	1,401	4,882	Food; electronic equipment; paper.	43
4,276	1,236	195	2,683	145	1,799	9,418	Chemicals; petroleum; food.	44
3,818	1,067	164	2,051	110	1,164	4,682	Machinery exc. elec.; fabricated metal; petroleum.	45
18,107	5,644	886	11,853	601	6,626	33,150	Chemicals, petroleum; machinery exc. electrical	46
13,808	3,220	461	5,991	312	3,489	13,622	(x)	47
1,168	203	24	317	19	236	802	Lumber; food; petroleum.	48
1,495	379	52	625	40	432	1,430	Lumber; food; chemicals.	49
505	102	9	111	6	74	382	Petroleum; chemicals; stone, glass, clay.	50
3,948	961	153	2,125	98	1,143	4,472	Food; instruments; machinery exc. elec.	51
1,323	258	29	297	21	184	734	Food; electronic equipment; stone, clay, glass.	52
2,892	677	111	1,463	70	781	3,333	Machinery exc. elec.; elec. equip.; trans. equip.	53
1,748	494	70	867	49	522	1,974	Machinery exc. electrical; food; trans. equip.	54
729	147	15	192	10	113	495	Food; stone, clay, glass; electrical equip.	55
59,106	16,534	2,255	31,929	1,505	17,720	71,245	(x)	56
6,723	1,712	265	4,054	181	2,385	8,955	Transportation equipment; lumber; food.	57
5,716	1,580	202	2,760	155	1,902	6,138	Lumber; food; paper.	58
45,289	12,883	1,752	24,672	1,143	13,151	54,862	Transportation equip.; elec. equip.; food.	59
429	128	11	166	9	123	504	Food; lumber; printing and publishing.	60
949	231	25	277	17	161	786	Food; petroleum; printing and publishing.	61

⁴ For definition, see footnote 6, table 1405.Source: U.S. Bureau of the Census, *Census of Manufactures, 1967 and 1972, General Summary*, MC 67(1)-1 and MC 72(1)-1; and *Census of Manufactures, 1977*, vol. III, Area Statistics.

**NO. 1417. LARGE MANUFACTURING COMPANIES—ADEQUACY OF CAPITAL FACILITIES TO MEET
CURRENT DEMAND: 1965 TO 1980**

[Percent distribution. As of July. Number of companies weighted by company assets. Based on replies to the question: In view of the current rate of order bookings and customer inquiries, are your plant-and-equipment facilities now Inadequate, Sufficient, or More than adequate? as part of a quarterly survey conducted among the 1,000 largest manufacturing companies as listed by total assets]

YEAR	Inadequate	Sufficient	More than adequate	YEAR	Inadequate	Sufficient	More than adequate
1965.....	31	67	2	1973.....	45	53	2
1966.....	47	51	2	1974.....	57	40	3
1967.....	33	62	5	1975.....	19	43	38
1968.....	26	72	2	1976.....	18	65	17
1969.....	37	59	4	1977.....	20	66	14
1970.....	28	60	12	1978.....	20	62	18
1971.....	18	59	23	1979.....	20	69	11
1972.....	16	71	13	1980.....	12	57	31

Source: The Conference Board, New York, N.Y., *Quarterly Survey of Capital Investment and Supply Conditions in Manufacturing*. (Copyright.)

**NO. 1418. LARGE MANUFACTURING COMPANIES—CAPITAL APPROPRIATIONS AND EXPENDITURES, BY
INDUSTRY: 1970 TO 1980**

[In millions of dollars, except percent. Based on reports submitted by companies responding to The Conference Board's *Quarterly Survey of Capital Appropriations*. This survey is conducted among the 1,000 largest manufacturing companies as listed by total assets. **Appropriations:** Authorizations by management to spend funds for new plant and equipment; **Expenditures:** Cost of new plant and equipment]

YEAR AND ITEM	Total	Food and beverages	Paper and allied products	Chemicals and allied products	Petroleum and coal products	Primary iron and steel	Electrical machinery and equip.	Machinery, except electrical	Motor vehicles and equipment	Other manufacturing
1970: Appropriations.....	25,337	1,587	1,034	3,036	5,704	1,534	2,584	3,098	1,276	5,484
Expenditures.....	26,321	1,598	1,046	3,143	5,559	1,746	2,408	3,093	1,689	6,039
Percent of appropriations.....	103.9	100.7	101.2	103.5	97.5	113.8	93.2	99.8	132.4	110.1
1974: Appropriations.....	53,707	3,014	3,041	7,625	12,865	5,128	2,730	5,849	1,697	11,758
Expenditures.....	39,985	2,560	1,802	5,834	7,410	2,077	2,798	4,605	2,515	10,384
Percent of appropriations.....	74.5	84.9	59.3	76.5	57.6	40.5	102.5	78.7	148.2	88.3
1975: Appropriations.....	45,034	3,573	1,802	7,466	13,986	3,102	1,978	3,748	1,015	8,264
Expenditures.....	45,557	3,081	1,905	7,172	11,907	3,552	2,227	4,014	1,808	9,891
Percent of appropriations.....	101.2	86.2	100.2	96.1	85.1	114.5	112.6	107.1	178.1	119.7
1976: Appropriations.....	50,034	3,834	1,585	7,906	11,231	2,897	2,853	5,001	3,517	11,210
Expenditures.....	47,055	3,666	2,073	7,486	12,551	3,552	2,445	4,442	1,701	9,139
Percent of appropriations.....	94.0	95.6	130.8	94.7	111.8	122.6	85.7	88.8	48.4	81.5
1977: Appropriations.....	63,420	4,966	2,648	7,854	17,527	2,516	3,189	5,105	5,288	14,347
Expenditures.....	52,498	3,882	1,825	7,545	14,350	3,048	3,064	4,747	3,321	10,716
Percent of appropriations.....	82.8	78.2	68.9	96.1	81.9	121.1	96.1	93.0	63.0	74.7
1978: Appropriations.....	67,156	4,898	2,795	7,759	15,142	3,083	4,421	6,306	6,981	15,771
Expenditures.....	58,356	4,217	2,140	7,797	14,495	2,671	3,668	5,445	4,508	13,415
Percent of appropriations.....	86.9	86.1	76.6	100.5	95.7	86.6	83.0	86.3	64.6	85.1
1979: Appropriations.....	88,519	6,840	3,979	10,725	19,526	3,559	5,859	10,236	8,129	19,866
Expenditures.....	73,126	5,037	3,018	9,309	16,876	3,243	4,918	8,400	5,335	16,990
Percent of appropriations.....	82.6	73.6	75.8	86.8	86.4	91.1	83.9	82.1	65.6	85.5
1980: Appropriations.....	104,631	6,603	3,576	12,170	32,875	2,889	6,544	9,368	7,110	23,496
Expenditures.....	88,209	6,014	3,859	10,918	22,228	3,458	6,271	9,826	5,555	20,080
Percent of appropriations.....	84.3	91.1	107.9	89.7	67.6	119.7	95.8	104.9	78.1	85.5

Source: The Conference Board, New York, N.Y., *Quarterly Survey of Capital Appropriations*. (Copyright.)

**NO. 1419. EXPORTS AND EXPORT-RELATED EMPLOYMENT OF MANUFACTURING ESTABLISHMENTS:
1963 TO 1977**

[Includes only direct exports and products shipped to exporters or others for export. Excludes output of the supplying establishments that furnish parts or materials to the manufacturer producing the product exported. Therefore, estimates tend to understate the importance of the export trade for the domestic economy when compared to the total value of shipments of all manufacturers]

ITEM	Unit	1963	1971	1972	1976	1977
Value of shipments, total.....	Bil. dol.....	420.5	671.0	756.5	1,185.7	1,358.5
For export.....	Bil. dol.....	16.5	33.1	36.7	83.1	85.8
Percent of total.....	Percent.....	3.9	4.9	4.8	7.0	6.3
Manufacturing employment, total ¹	1,000.....	16,958	18,363	19,027	18,753	19,590
Export related.....	1,000.....	(NA)	746	770	1,173	1,106
Percent of total.....	Percent.....	(NA)	4.1	4.0	6.3	5.6

NA Not available. ¹ Includes employees of central administrative and auxiliary offices.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1963, 1967, 1972, and 1977*; and *Annual Survey of Manufactures*.

NO. 1420. EXPORTS SHIPMENTS AND EXPORT-RELATED EMPLOYMENT OF MANUFACTURING ESTABLISHMENTS, SELECTED STATES: 1977

[See headnote, table 1419 and footnote 1 of same table concerning employment figures. Represents States with export-related employment of 20,000 or more]

STATE	VALUE OF SHIPMENTS (mil. dol.)		EMPLOYMENT (1,000)		STATE	VALUE OF SHIPMENTS (mil. dol.)		EMPLOYMENT (1,000)	
	Total	For exports	Total	Export related		Total	For exports	Total	Export related
U.S.¹	1,358,397	85,796	19,590	1,106	Minnesota.....	23,021	1,605	332	21
California.....	120,896	9,116	1,752	135	New Jersey.....	51,279	2,881	778	37
Connecticut.....	19,842	1,662	412	29	New York.....	86,216	5,833	1,510	81
Florida.....	20,981	1,583	358	24	North Carolina.....	40,912	2,291	765	29
Illinois.....	93,081	6,313	1,286	75	Ohio.....	95,235	6,028	1,331	78
Indiana.....	52,172	2,942	706	37	Pennsylvania.....	79,845	4,714	1,329	75
Massachusetts.....	30,144	2,310	613	43	Texas.....	92,736	5,386	886	52
Michigan.....	93,757	6,937	1,116	69	Washington.....	21,747	2,805	265	27
					Wisconsin.....	38,725	2,132	535	30

¹ Includes States not shown separately.

Source: U.S. Bureau of the Census, *Census of Manufactures, Origin of Exports of Manufactured Products, 1977*, Subject Series MC77-SR-12.

NO. 1421. U.S. SHARE OF WORLD EXPORTS OF MANUFACTURES: 1960 TO 1980

[World exports=exports from 15 major trading countries: U.S., Austria, Belgium-Luxembourg, Canada, Denmark, France, Fed. Rep. of Germany, Italy, Japan, Netherlands, Norway, Sweden, Switzerland, and U.K. Percents are calculated from the values of exports of the six commodity groups from each of the 15 countries. Percentage shares are based on values excluding shipments to the United States and are based on current exchange rates]

YEAR	U.S. MANUFACTURES EXPORTS		EXPORT	U.S. MANUFACTURES EXPORTS					
	Total ¹ (bil. dol.)	Percent of world		Total ¹ (bil. dol.)			Percent of world		
				1978	1979	1980	1978	1979	1980
			Total	94.5	116.7	144.0	17.0	17.4	18.3
1960.....	12.7	25.3	Nonelectrical machinery.....	27.4	33.2	41.9	23.0	23.9	25.1
1965.....	17.3	22.5	Transport equipment.....	22.2	25.8	28.8	22.4	22.7	23.2
1970.....	29.4	21.1	Chemicals.....	12.6	17.3	20.7	17.3	17.9	18.9
1975.....	71.0	19.1	Electrical machinery.....	9.7	11.6	13.9	17.8	18.5	19.2
1976.....	77.2	18.8	Basic manufactures ²	12.5	16.2	22.3	8.7	9.2	10.7
1977.....	80.2	17.3	Misc. articles ³	10.2	12.6	16.3	15.0	15.1	16.3

¹ Excludes mineral fuel products, processed food, fats, oils, firearms of war, and ammunition. ² Includes semifinished products of various materials, such as metals, fibers, wood, glass, leather, rubber, and certain finished products of metal. ³ Includes mainly nondurable consumer goods and professional and scientific instruments.

Source: U.S. Dept. of Commerce, International Trade Administration, *Business America*, biweekly.

NO. 1422. EXPORTS AND EXPORT-RELATED EMPLOYMENT OF MANUFACTURING ESTABLISHMENTS, BY INDUSTRY: 1977

[See headnote, table 1419 and footnote 1 of same table concerning employment figures]

INDUSTRY GROUP	VALUE OF SHIPMENTS (mil. dol.)		MANUFACTURING EMPLOYMENT (1,000)		INDUSTRY GROUP	VALUE OF SHIPMENTS (mil. dol.)		MANUFACTURING EMPLOYMENT (1,000)	
	Total	For exports	Total	Export related		Total	For exports	Total	Export related
Manufacturing, total	1,358,397	85,796	19,590	1,106	Rubber, misc. plastics products.....	39,553	1,411	721	24
Food and kindred products.....	192,912	6,782	1,520	37	Leather, leather products.....	7,607	270	243	4
Tobacco manufactures.....	9,051	1,190	61	8	Stone, clay, glass products.....	35,477	997	614	17
Textile mill products.....	40,551	1,492	876	29	Primary metal industries.....	103,259	2,792	1,114	28
Apparel, other textile prod.....	40,106	757	1,334	13	Fabricated metal products.....	90,078	4,125	1,557	71
Lumber and wood products.....	39,941	1,874	692	20	Machinery, exc. electrical.....	122,188	19,142	2,083	279
Furniture, fixtures.....	16,978	207	464	5	Elec., electronic equipment.....	88,426	8,061	1,723	159
Paper and allied products.....	52,086	2,100	629	19	Transportation equipment.....	166,896	17,712	1,767	201
Printing, publishing.....	49,716	649	1,092	10	Instruments and related products.....	28,898	4,235	559	85
Chemicals, allied products.....	118,074	9,466	880	69	Misc. manufacturing.....	19,151	1,424	441	24
Petroleum, coal products.....	97,453	1,112	147	3					

Source: U.S. Bureau of the Census, *Census of Manufactures, Origin of Exports of Manufactured Products, 1977*, Subject Series MC77-SR-12.

No. 1423. MANUFACTURES SUMMARY

[Data based on various editions of the *Standard Industrial Classification Manual*, published by the Office of

Industry code ¹	INDUSTRY GROUP	1967				1972			
		Establish- ments (num- ber)	All employees		Value added by manu- facture ³ (mil. dol.)	Establish- ments (num- ber)	All employees		Value added by manu- facture ³ (mil. dol.)
			Num- ber ² (1,000)	Pay- roll (mil. dol.)			Num- ber ² (1,000)	Pay- roll (mil. dol.)	
(x)	All manufacturing establish- ments, incl. central adminis- trative offices.....	311,140	19,323	132,208	261,984	320,701	19,027	174,187	353,973
20	Food and kindred products	^a 32,518	1,650	10,077	26,621	28,183	1,569	12,920	35,615
201	Meat products	4,914	310	1,954	3,551	4,437	308	2,544	4,961
202	Dairy products	6,188	232	1,449	3,466	4,590	189	1,596	4,054
203	Preserved fruits and vegetables	3,528	223	1,084	^a 3,238	2,557	233	1,534	4,514
204	Grain mill products	3,202	112	758	2,882	3,080	111	1,013	3,699
205	Bakery products	4,300	264	1,665	3,495	3,633	235	2,029	4,537
206	Sugar and confectionery products	182	114	644	1,900	1,249	107	832	2,473
207	Fats and oils	(NA)	44	297	919	860	40	366	1,291
208	Beverages	4,376	221	1,525	4,790	3,624	212	2,033	6,689
209	Misc. foods and kindred products	4,498	130	700	2,375	4,153	134	974	3,397
21	Tobacco products	329	75	377	^a 2,032	272	66	502	2,637
211	Cigarettes	16	37	221	^a 1,640	20	38	345	2,186
212	Cigars	148	19	71	^a 196	124	14	68	192
213	Chewing and smoking tobacco	46	4	18	^a 64	37	3	23	103
214	Tobacco stemming and redrying	119	16	66	^a 133	91	11	66	154
22	Textile mill products	7,080	929	4,391	8,153	7,201	953	6,051	11,716
221	Weaving mills, cotton	393	203	938	1,624	307	121	745	1,256
222	Weaving mills, manmade fiber	396	109	529	922	412	150	979	1,632
223	Weaving, finishing mills, wool	310	42	216	429	198	19	132	239
224	Narrow fabric mills	384	26	121	214	376	27	162	289
225	Knitting mills	2,698	241	1,036	1,914	2,723	277	1,647	3,181
226	Textile finishing, except wool	641	74	416	710	655	80	564	1,114
227	Floor covering mills	385	44	228	599	527	60	415	1,076
228	Yarn and thread mills	768	119	505	946	807	148	866	1,580
229	Misc. textile goods	1,105	72	401	795	1,196	72	540	1,149
23	Apparel, other textile products	26,393	1,357	5,582	10,064	24,438	1,368	7,212	13,488
231	Men's and boys' suits and coats	1,003	136	642	1,048	856	125	770	1,342
232	Men's and boys' furnishings	2,853	345	1,212	2,181	2,787	363	1,692	3,242
233	Women's and misses' outerwear	9,416	409	1,756	3,183	9,526	433	2,270	4,102
234	Women's, children's undergarments	1,213	114	444	867	1,002	105	525	1,049
235	Hats, caps, and millinery	843	24	102	184	496	15	73	133
236	Children's outerwear	1,334	78	298	538	1,061	75	368	709
237	Fur goods	1,304	9	59	117	797	5	41	86
238	Misc. apparel and accessories	1,397	71	285	510	1,302	62	336	636
239	Misc. fabricated textile products	7,030	173	785	1,457	6,611	186	1,139	2,188
24	Lumber and wood products ⁷	36,795	554	2,799	4,973	33,949	691	4,986	10,310
241	Logging camps, log contractors	16,334	71	339	665	13,238	80	524	1,163
242	Sawmills and planing mills	11,461	216	1,028	1,794	9,452	204	1,488	3,259
243	Millwork, plywood, and structural members ⁷	4,558	154	896	1,505	5,506	191	1,474	2,908
244	Wood containers ⁷	905	31	135	239	1,160	37	204	359
245	Wood buildings and mobile homes	(NA)	(NA)	(NA)	(NA)	993	97	745	1,491
249	Misc. wood products ⁷	3,537	83	401	750	3,600	82	550	1,129
25	Furniture and fixtures	10,008	425	2,258	4,170	9,233	462	3,205	6,097
251	Household furniture ⁷	6,306	298	1,456	2,650	5,369	317	2,024	3,861
252	Office furniture	365	35	225	478	433	39	330	660
253	Public building, related furniture	438	23	132	234	422	21	158	296
254	Partitions and fixtures	1,970	48	324	587	2,010	57	484	871
259	Misc. furniture and fixtures	929	22	121	221	999	27	210	410
26	Paper and allied products	5,890	639	4,436	9,756	6,038	633	5,992	13,064
261	Pulpmills	61	15	126	334	60	11	126	307
262	Papermills, except building paper	354	140	1,121	2,356	349	130	1,440	2,909
263	Paperboard mills	283	67	534	1,509	273	69	778	1,994
264	Misc. converted paper products	2,492	187	1,187	2,833	2,525	189	1,630	4,008
265	Paperboard containers and boxes	2,606	219	1,387	2,541	2,739	224	1,907	3,599
266	Building paper and board mills	94	12	83	184	92	12	112	247

For footnotes, see pp. 790 and 791.

FOR INDUSTRY GROUPS: 1967 TO 1977

Management and Budget; see text, p. 776. See also *Historical Statistics, Colonial Times to 1970*, series P 58-67]

1975				1977							
All employees		Value added by manufacture ³ (mil. dol.)	Capital expenditures, new ⁴ (mil. dol.)	Establishments		All employees		Production workers		Value added by manufacture ³ (mil. dol.)	Capital expenditures, new ⁴ (mil. dol.)
Number ² (1,000)	Payroll (mil. dol.)			Total	With 20 or more employees	Number ² (1,000)	Payroll (mil. dol.)	Number ² (1,000)	Wages (mil. dol.)		
18,302	209,519	442,485	37,262	359,928	118,669	19,590	264,013	13,691	157,164	585,166	47,459
1,525	15,856	48,095	3,434	26,656	11,038	1,520	18,544	1,072	11,731	56,062	4,215
308	3,161	7,169	423	4,534	1,715	309	3,702	254	2,817	7,478	533
170	1,823	4,942	294	3,731	1,617	154	1,939	85	988	5,648	389
223	1,918	6,041	430	2,379	1,263	235	2,336	199	1,793	7,685	471
114	1,329	5,644	452	3,043	1,076	113	1,576	79	1,034	6,626	620
237	2,584	6,288	270	3,386	1,289	222	2,866	131	1,525	7,073	365
103	868	3,677	283	1,198	518	105	1,206	84	868	4,151	313
41	472	1,649	232	869	458	41	561	30	365	1,905	208
204	2,417	8,110	755	3,104	1,689	195	2,849	100	1,369	9,901	994
126	1,165	4,576	296	4,412	1,413	146	1,509	111	972	5,596	322
66	655	3,722	145	228	123	61	751	50	571	4,334	182
40	477	3,203	102	14	13	39	568	33	442	3,803	118
10	58	166	3	101	34	8	55	7	44	126	3
3	27	143	3	35	19	3	32	3	22	189	7
13	92	210	37	78	57	11	96	6	63	217	53
835	6,397	12,044	997	7,202	4,131	876	7,881	765	6,203	16,105	1,224
107	769	1,337	133	314	192	117	1,047	107	902	1,945	187
152	1,150	1,965	192	449	351	151	1,429	135	1,169	2,791	260
14	112	198	11	165	84	15	137	13	106	313	15
19	140	259	12	335	182	21	172	18	131	351	16
231	1,686	3,301	228	2,617	1,511	236	1,911	206	1,470	3,863	245
68	612	1,151	92	678	395	72	740	60	554	1,417	125
49	416	1,040	53	592	285	56	557	44	380	1,530	83
131	915	1,567	161	798	608	141	1,184	127	994	2,255	180
64	596	1,227	115	1,254	523	68	706	55	498	1,641	112
1,214	7,700	14,749	381	26,505	11,932	1,334	9,659	1,157	7,253	19,671	457
98	738	1,250	16	737	467	99	822	86	646	1,574	26
333	1,842	3,654	76	3,013	2,129	365	2,340	323	1,863	4,935	118
402	2,511	4,786	127	11,834	5,556	448	3,153	387	2,304	6,430	134
87	514	973	24	878	595	92	613	79	449	1,250	23
15	99	158	3	409	169	15	105	13	79	186	4
64	364	708	13	1,002	686	71	459	61	349	879	14
4	38	86	3	620	48	4	52	3	36	113	1
55	363	683	16	1,284	593	56	408	48	288	845	21
156	1,232	2,451	103	6,728	1,689	185	1,707	156	1,238	3,459	116
588	5,231	10,356	1,264	37,302	7,056	692	7,425	595	5,795	16,223	1,563
67	664	1,713	378	15,469	708	83	1,009	75	840	2,419	387
194	1,642	3,041	472	9,000	2,273	211	2,228	188	1,849	4,975	585
159	1,526	2,836	187	6,149	1,878	197	2,216	167	1,715	4,701	273
31	233	472	37	1,949	540	38	300	33	234	540	30
58	540	1,050	36	1,165	752	80	858	63	576	1,789	110
78	626	1,243	155	3,570	905	83	813	69	581	1,800	180
396	3,310	6,290	252	10,235	3,588	464	4,448	384	3,192	8,922	389
286	2,036	3,801	149	6,161	2,224	310	2,669	265	1,999	5,213	211
37	370	756	30	523	233	45	543	35	376	1,236	68
20	174	331	16	420	185	20	214	15	133	415	22
48	492	940	36	2,134	666	57	675	44	454	1,311	59
25	239	462	21	997	280	32	347	24	230	747	29
589	6,990	17,944	2,718	6,545	3,999	629	8,943	486	6,323	22,171	3,295
13	191	821	294	45	42	16	293	13	221	906	301
121	1,668	3,973	832	339	287	127	2,167	100	1,632	5,407	1,115
65	911	2,892	807	249	232	68	1,176	53	888	3,081	934
193	2,075	5,729	412	2,994	1,435	207	2,608	158	1,771	7,263	507
188	2,040	4,351	347	2,860	1,950	204	2,602	157	1,733	5,296	421
9	106	238	26	58	53	7	97	6	78	218	17

No. 1423. MANUFACTURES SUMMARY

[See headnote,

Industry code ¹	INDUSTRY GROUP	1967				1972			
		Establishments (number)	All employees		Value added by manufacture ³ (mil. dol.)	Establishments (number)	All employees		Value added by manufacture ³ (mil. dol.)
			Number ² (1,000)	Payroll (mil. dol.)			Number ² (1,000)	Payroll (mil. dol.)	
27	Printing and publishing.....	37,989	1,031	7,152	14,355	42,103	1,057	9,831	20,210
271	Newspapers.....	8,094	336	2,224	4,185	8,116	349	3,168	6,220
272	Periodicals.....	2,510	79	634	1,869	2,534	67	709	2,110
273	Books.....	1,766	97	688	1,967	1,905	98	919	2,540
274	Misc. publishing.....	1,493	31	197	418	2,041	39	331	776
275	Commercial printing ⁷	19,497	331	2,358	3,944	22,282	344	3,277	5,695
276	Manifold business forms.....	542	34	240	551	667	39	344	824
277	Greeting card publishing ⁷	222	28	151	372	199	24	192	527
278	Blankbooks and bookbinding.....	1,462	54	294	506	1,465	52	372	687
279	Printing trades services ⁷	2,403	42	366	544	2,894	47	521	831
28	Chemicals and allied products ⁷	⁵ 11,799	⁵ 841	⁵ 6,443	⁵ 23,550	11,425	837	8,731	32,414
281	Industrial inorganic chemicals ⁷	2,032	248	2,090	7,737	1,049	100	1,079	3,343
282	Plastics materials, synthetics ⁷	771	172	1,292	3,799	461	162	1,666	4,935
283	Drugs.....	1,129	118	942	4,073	1,078	130	1,413	6,131
284	Soap, cleaners, toilet goods ⁷	2,508	97	684	3,930	2,573	112	1,058	6,201
285	Paints and allied products.....	1,701	66	492	1,319	1,599	66	647	1,792
286	Industrial organic chemicals.....	(NA)	131	1,130	4,406	827	137	1,614	6,073
287	Agricultural chemicals ⁷	1,278	46	281	1,006	1,233	48	438	1,737
289	Misc. chemical products ⁷	2,198	88	628	1,587	2,605	83	814	2,203
29	Petroleum and coal products.....	1,880	142	1,216	5,426	2,016	140	1,638	5,793
291	Petroleum refining.....	437	107	965	4,745	323	101	1,247	4,585
295	Paving and roofing materials.....	1,098	27	186	456	1,199	30	297	846
299	Misc. petroleum and coal products.....	345	8	65	225	494	9	94	352
30	Rubber and miscellaneous plastics products ⁷	6,458	517	3,287	6,800	9,237	618	5,165	11,653
301	Tires and inner tubes.....	182	93	775	1,823	206	108	1,214	3,071
302	Rubber, plastics footwear ⁷	65	29	141	245	107	32	183	370
303	Reclaimed rubber.....	24	2	12	23	20	1	9	16
304	Rubber and plastics hose, belting.....	(NA)	(NA)	(NA)	(NA)	90	32	309	619
306	Fabricated rubber products, n.e.c. ⁷	1,189	142	923	1,741	1,116	99	809	1,573
307	Misc. plastics products ⁷	4,996	252	1,436	2,968	7,698	347	2,642	6,005
31	Leather and leather products.....	⁵ 3,685	⁵ 329	⁵ 1,459	⁵ 2,627	3,201	273	1,589	2,917
311	Leather tanning and finishing.....	519	31	186	319	517	26	200	368
313	Boot, shoe cut stock, findings.....	379	14	60	109	248	9	50	86
314	Footwear, except rubber.....	1,083	211	889	1,620	917	176	973	1,796
315	Leather gloves and mittens.....	147	6	22	36	106	5	22	43
316	Luggage.....	333	21	97	186	277	17	107	194
317	Women's handbags and purses.....	792	37	163	279	688	34	195	345
319	Leather goods, n.e.c. ⁷	365	6	26	46	448	7	43	84
32	Stone, clay, and glass products.....	15,580	590	3,826	8,333	16,015	623	5,547	12,587
321	Flat glass.....	64	24	197	423	32	21	242	662
322	Glass, pressed or blown.....	305	109	688	1,501	369	119	1,058	2,341
323	Products of purchased glass.....	887	29	182	394	913	34	296	669
324	Cement, hydraulic.....	197	33	248	812	198	30	349	1,154
325	Structural clay products.....	851	60	344	612	775	52	391	771
326	Pottery and related products.....	619	43	247	419	620	45	335	601
327	Concrete, gypsum, plaster products.....	10,004	169	1,103	2,478	10,115	193	1,741	3,840
328	Cut stone and stone products.....	811	17	91	148	908	15	109	191
329	Misc. nonmetallic mineral products ⁷	1,842	106	726	1,547	2,085	115	1,025	2,359
33	Primary metal industries ⁷	6,837	1,281	9,851	19,978	6,792	1,143	12,167	23,258
331	Blast furnace and basic steel products.....	861	617	5,022	10,170	970	553	6,389	12,116
332	Iron and steel foundries.....	1,438	233	1,641	2,691	1,400	219	2,155	3,481
333	Primary nonferrous metals.....	144	53	405	1,382	177	58	627	1,706
334	Secondary nonferrous metals.....	403	17	123	271	381	18	170	411
335	Nonferrous rolling and drawing.....	833	195	1,438	3,325	803	188	1,671	3,800
336	Nonferrous foundries.....	1,886	90	609	1,068	1,841	81	722	1,269
339	Misc. primary metal products ⁷	1,272	76	613	1,132	1,120	25	233	476

For footnotes, see pp. 790 and 791.

FOR INDUSTRY GROUPS: 1967 TO 1977—Continued

pp. 786 and 787]

1975				1977							
All employees		Value added by manufacture ^a (mil. dol.)	Capital expenditures, new ^a (mil. dol.)	Establishments		All employees		Production workers		Value added by manufacture ^a (mil. dol.)	Capital expenditures, new (mil. dol.)
Number ² (1,000)	Payroll (mil. dol.)			Total	With 20 or more employees	Number ² (1,000)	Payroll (mil. dol.)	Number ² (1,000)	Wages (mil. dol.)		
1,070	11,655	24,641	1,175	49,767	9,132	1,092	14,025	626	7,322	31,980	1,598
380	3,770	7,578	363	8,867	2,147	350	4,308	147	1,805	9,519	478
73	880	2,652	62	2,994	525	70	1,020	11	116	3,763	79
99	1,131	3,187	138	2,694	716	106	1,379	51	544	4,291	134
34	362	862	38	2,352	335	42	503	15	150	1,291	39
355	3,900	6,890	413	26,815	3,637	356	4,702	275	3,275	8,551	640
40	440	1,156	75	795	477	45	575	33	391	1,492	82
19	195	559	16	166	52	18	227	11	106	656	19
47	417	856	33	1,492	576	56	579	46	419	1,149	55
43	560	901	37	3,592	667	48	735	36	516	1,268	72
842	11,227	44,976	6,353	12,173	4,602	880	13,839	544	7,446	56,721	8,199
109	1,538	5,213	721	1,282	490	110	1,847	68	1,033	6,487	1,056
150	1,985	5,525	1,439	551	408	157	2,471	111	1,558	7,843	1,316
150	2,039	8,030	475	1,243	482	156	2,460	80	997	9,940	579
108	1,278	7,248	255	2,528	739	112	1,526	71	823	9,407	334
60	737	2,126	122	1,579	653	61	883	33	394	2,821	167
137	2,079	9,511	2,120	879	510	153	2,794	98	1,625	12,875	3,353
52	653	4,546	960	1,325	482	54	784	35	455	3,808	1,107
75	919	2,777	261	2,786	838	77	1,075	47	561	3,539	287
141	2,147	10,500	2,418	2,206	773	147	2,696	101	1,765	16,378	2,261
101	1,666	8,927	2,275	349	279	103	2,055	71	1,366	14,424	2,109
30	345	1,065	85	1,297	328	32	481	24	319	1,272	113
11	137	507	57	560	166	12	180	6	80	682	40
585	5,923	13,599	1,140	11,943	5,294	721	8,536	564	5,842	19,740	1,645
106	1,332	3,463	272	200	126	114	1,832	88	1,366	4,347	289
25	176	320	10	84	50	20	159	16	116	272	11
1	9	16	1	21	9	1	12	1	8	25	1
27	307	695	80	146	103	34	457	23	275	974	55
80	884	1,748	86	1,280	621	99	1,164	77	795	2,352	135
335	3,214	7,357	691	10,212	4,385	454	4,912	358	3,281	11,770	1,154
240	1,651	3,187	78	3,075	1,486	243	1,660	212	1,408	3,719	96
23	220	444	23	465	191	23	255	20	192	535	31
8	53	74	3	190	96	9	65	7	49	109	3
146	934	1,826	35	811	603	146	1,032	129	822	2,070	37
6	32	55	1	101	66	6	34	5	26	68	2
17	125	245	4	298	130	19	164	16	106	328	8
34	231	427	6	678	283	32	242	28	170	472	11
7	57	117	5	532	117	9	68	7	44	137	4
589	6,390	14,849	1,581	17,744	5,201	614	7,943	484	5,767	19,130	1,881
21	298	654	57	62	32	22	401	19	328	831	81
111	1,219	2,931	278	508	249	117	1,548	101	1,269	3,592	365
33	341	665	49	1,101	325	36	429	29	306	960	73
29	411	1,333	355	201	160	28	485	22	380	1,672	297
47	411	834	64	711	471	45	486	37	360	1,058	82
44	389	793	44	934	241	43	460	36	342	894	45
170	1,958	4,419	433	10,844	2,711	184	2,367	134	1,559	5,391	605
15	121	234	8	993	164	13	132	11	99	238	10
113	1,241	3,047	294	2,390	848	126	1,635	97	1,124	4,395	323
1,089	14,994	30,367	4,165	7,375	3,980	1,114	18,745	885	14,065	37,568	4,497
532	8,106	15,783	2,288	1,216	740	530	10,086	418	7,631	18,318	2,443
221	2,713	4,976	520	1,465	1,033	222	3,329	184	2,583	6,237	659
58	844	2,411	599	160	98	57	1,032	45	768	3,619	587
17	208	576	62	460	200	19	270	14	170	769	114
162	2,008	4,590	472	1,002	711	177	2,640	136	1,902	5,902	461
76	816	1,435	165	1,892	805	82	1,044	69	783	1,960	164
24	299	596	59	1,180	392	26	345	20	229	763	70

NO. 1423. MANUFACTURES SUMMARY

[See headnote,

Industry code ¹	INDUSTRY GROUP	1967			1972				
		Establishments (number)	All employees		Value added by manufacture ³ (mil. dol.)	Establishments (number)	All employees		Value added by manufacture ³ (mil. dol.)
			Number ² (1,000)	Pay-roll (mil. dol.)			Number ² (1,000)	Pay-roll (mil. dol.)	
34	Fabricated metal products ⁷	27,418	1,342	9,320	18,043	29,525	1,493	13,821	26,946
341	Metal cans, shipping containers ⁷	239	60	474	1,142	553	79	840	2,005
342	Cutlery, handtools, hardware	1,839	156	1,043	2,318	1,904	159	1,405	3,253
343	Plumbing and heating, exc. electric ⁷	838	65	428	872	757	61	524	1,132
344	Fabricated structural metal products	10,151	388	2,687	4,934	10,351	395	3,532	6,743
345	Screw machine products, bolts, etc.	2,536	116	847	1,621	2,482	101	948	1,845
346	Metal forgings, stampings ⁷	2,710	226	1,686	3,031	3,188	264	2,791	5,057
347	Metal services, n.e.c.	4,684	81	481	864	4,761	82	624	1,120
348	Ordnance and accessories, n.e.c. ⁷	(NA)	(NA)	(NA)	(NA)	315	110	1,015	1,507
349	Misc. fabricated metal products ⁷	2,711	189	1,309	2,591	5,214	244	2,142	4,283
35	Machinery, exc. electrical	37,892	1,865	14,226	27,836	40,792	1,828	18,523	37,563
351	Engines and turbines	182	100	820	1,598	253	116	1,320	2,900
352	Farm and garden machinery	1,618	136	947	2,042	1,658	125	1,211	2,701
353	Construction and related machinery	2,305	273	2,041	4,130	2,517	275	2,856	5,962
354	Metalworking machinery	9,439	357	2,890	5,091	9,652	268	2,859	4,902
355	Special industry machinery	3,312	207	1,570	2,980	3,685	190	1,954	3,732
356	General industrial machinery	3,760	279	2,137	4,107	3,983	262	2,585	5,026
357	Office and computing machines	594	190	1,462	3,332	995	208	2,277	4,905
358	Refrigeration, service machinery	1,573	140	947	2,125	1,769	198	1,864	4,427
359	Misc. machinery, except electrical ⁷	15,109	203	1,443	2,531	16,400	184	1,697	3,016
36	Electric and electronic equipment ⁷	10,706	1,875	12,968	24,487	12,270	1,662	15,189	30,558
361	Electric distributing equipment ⁷	1,218	176	1,230	2,509	784	116	1,040	2,080
362	Electrical industrial apparatus	1,316	207	1,420	2,792	1,510	188	1,665	3,218
363	Household appliances	637	169	1,101	2,540	645	163	1,369	3,563
364	Electric lighting and wiring equipment	1,868	157	950	2,214	1,897	177	1,414	3,277
365	Radio and TV receiving equipment	661	130	720	1,587	939	107	798	2,183
366	Communication equipment	1,402	525	4,337	6,993	1,976	454	4,912	8,453
367	Electronic components, accessories	2,439	403	2,435	4,359	2,867	336	2,869	5,306
369	Misc. electrical equipment, supplies	1,165	107	715	1,494	1,652	120	1,121	2,498
37	Transportation equipment ⁷	7,483	1,834	15,174	28,174	8,802	1,719	19,880	39,799
371	Motor vehicles and equipment ⁷	2,675	739	5,930	13,666	3,381	808	9,461	22,056
372	Aircraft and parts ⁸	1,273	802	7,209	11,327	1,094	439	5,282	9,124
373	Ship and boat building and repairing	2,011	169	1,239	1,705	2,232	185	1,704	2,398
374	Railroad equipment	123	57	427	788	163	51	529	1,113
375	Motorcycles, bicycles, parts	91	12	70	136	222	18	140	315
376	Guided missiles, space vehicles	(NA)	(NA)	(NA)	(NA)	147	160	2,317	3,969
379	Misc. transportation equipment ⁷	1,310	55	298	551	1,553	59	448	824
38	Instruments and related products ⁷	4,453	394	2,822	6,418	5,983	453	4,286	10,580
381	Engineering, scientific instruments	677	46	327	617	743	37	365	681
382	Measuring and control devices ⁷	766	104	732	1,392	1,611	153	1,437	2,724
383	Optical instruments and lenses ⁷	303	21	163	284	494	19	193	384
384	Medical instruments and supplies	1,466	67	427	966	1,807	91	758	1,821
385	Ophthalmic goods	461	26	143	284	499	27	183	416
386	Photographic equip. and supplies	557	95	820	2,481	627	96	1,120	4,088
387	Watches, clocks, and watchcases	223	35	209	393	202	31	230	466
39	Misc. manufacturing ⁷ ⁸	14,489	824	5,819	10,189	15,187	446	3,180	6,769
391	Jewelry, silverware, and plated ware	2,212	52	320	641	2,296	53	425	851
393	Musical instruments	343	25	144	238	344	25	173	339
394	Toys and sporting goods	2,435	116	559	1,205	2,460	133	881	1,999
395	Pens, office and art goods	959	35	200	412	966	32	244	557
396	Costume jewelry and notions	1,603	52	252	528	1,482	50	323	720
399	Misc. manufactures ⁷ ⁸	6,932	544	4,345	7,163	7,639	153	1,134	2,303
(X)	Administrative and auxiliary ⁹	5,460	831	8,728	(X)	8,039	994	13,772	(X)

NA Not available. X Not applicable. ¹ Standard Industrial Classification Code; see text, p. 776. ² "All employees" represents the average of "production workers" plus all other employees for the payroll period ended nearest the 15th of March. ³ See footnote 6, table 1405. ⁴ Includes expenditures for plants in operation and plants under construction but not yet in operation. ⁵ Includes industries not shown separately. ⁶ Value of production. The formula for computing value added by manufacture was modified to exclude any change in finished products inventories between beginning and end of year.

FOR INDUSTRY GROUPS: 1967 TO 1977—Continued

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1975				1977								Capital ex- pendi- tures, new ⁴ (mil. dol.)
All employees		Value added by manu- facture ³ (mil. dol.)	Capital ex- pendi- tures, new ⁴ (mil. dol.)	Establishments		All employees		Production workers		Value added by manu- facture ³ (mil. dol.)		
Number ² (1,000)	Payroll (mil. dol.)			Total	With 20 or more employ- ees	Number ² (1,000)	Payroll (mil. dol.)	Number ² (1,000)	Wages (mil. dol.)			
1,417	16,334	34,203	2,074	33,712	12,739	1,556	21,036	1,192	14,429	45,512	2,806	
74	1,040	2,826	249	587	413	72	1,247	60	1,000	3,644	209	
147	1,619	3,602	205	2,137	877	169	2,179	133	1,553	5,177	299	
53	551	1,162	75	1,015	341	53	637	41	423	1,574	74	
397	4,488	9,257	483	11,817	4,279	426	5,492	309	3,467	11,785	580	
97	1,085	2,255	122	2,627	1,102	105	1,414	82	983	2,864	184	
241	3,077	6,039	415	3,715	1,875	288	4,511	236	3,419	8,913	604	
81	774	1,431	104	5,095	1,373	94	1,009	77	706	1,963	121	
82	994	1,635	83	346	151	70	992	47	559	1,737	83	
246	2,705	5,997	359	6,373	2,328	279	3,556	208	2,318	7,855	452	
1,967	24,555	51,044	3,355	48,200	12,446	2,083	30,558	1,414	18,298	67,223	4,402	
121	1,677	3,434	339	315	168	130	2,238	90	1,405	4,960	330	
150	1,872	4,365	347	2,159	756	151	2,187	111	1,456	5,490	371	
318	4,178	9,473	804	3,229	1,518	333	5,097	226	3,185	11,636	932	
290	3,671	6,862	295	10,630	2,880	298	4,514	218	2,963	8,747	439	
199	2,394	4,871	200	4,090	1,487	185	2,616	118	1,450	5,271	244	
290	3,565	7,428	458	4,947	1,806	314	4,451	212	2,712	9,573	553	
225	3,033	6,441	390	1,317	610	259	3,949	124	1,384	9,921	826	
158	1,791	3,893	187	2,114	837	192	2,516	139	1,637	5,963	288	
215	2,375	4,277	336	19,999	2,584	223	2,980	177	2,106	5,362	421	
1,524	17,401	34,845	1,877	14,973	6,338	1,723	22,544	1,191	12,952	50,366	2,867	
105	1,154	2,492	69	947	459	115	1,431	85	910	3,336	141	
185	2,030	4,209	233	1,646	819	198	2,543	142	1,572	5,614	311	
145	1,486	3,601	176	666	342	162	1,898	129	1,352	5,276	207	
146	1,450	3,392	183	2,009	913	165	1,925	127	1,292	4,741	217	
86	853	1,834	80	1,290	325	98	1,087	75	740	3,078	136	
434	5,714	10,324	422	2,385	1,126	459	6,995	260	3,226	14,130	689	
302	3,358	5,984	336	4,455	1,671	374	4,557	258	2,457	9,260	783	
121	1,358	2,909	188	1,575	683	152	2,098	116	1,402	4,930	393	
1,605	22,772	45,337	2,762	10,176	3,653	1,768	30,673	1,284	20,314	64,291	4,671	
699	9,856	21,466	1,831	4,234	1,708	876	16,038	728	12,682	37,023	3,636	
438	6,601	12,801	369	1,173	549	431	7,621	240	3,564	14,732	508	
202	2,305	3,552	329	2,795	736	220	2,940	176	2,132	4,681	204	
60	798	1,566	73	201	118	56	889	43	620	1,883	80	
14	148	254	16	350	63	16	169	13	130	370	24	
148	2,624	4,764	109	109	86	120	2,427	48	771	4,422	164	
44	440	933	35	1,314	393	49	591	39	416	1,181	54	
500	5,829	14,158	794	7,481	2,538	559	7,520	347	3,743	18,782	939	
46	561	1,112	40	786	279	42	584	25	281	1,287	57	
163	1,898	3,618	142	2,079	849	200	2,666	121	1,288	5,242	268	
23	283	572	24	545	199	30	421	17	188	897	51	
109	1,110	2,621	170	2,355	679	114	1,319	77	712	3,262	172	
27	248	478	15	834	155	30	314	22	188	656	44	
100	1,441	5,177	388	780	265	112	1,900	62	887	6,732	323	
32	287	580	16	302	112	32	317	24	199	685	23	
393	3,487	7,580	302	17,259	3,794	441	4,406	339	2,745	10,291	474	
50	481	998	29	3,118	584	61	638	44	273	1,449	40	
25	219	392	16	450	127	25	253	21	178	488	14	
113	917	2,161	106	2,910	835	119	1,112	93	697	3,000	148	
31	281	624	34	987	261	32	331	23	203	868	55	
44	347	835	21	1,514	467	51	451	42	293	1,002	44	
131	1,241	2,571	97	8,280	1,540	152	1,623	116	1,001	3,485	173	
1,128	19,015	(x)	(x)	9,171	4,856	1,074	21,981	(x)	(x)	(x)	(x)	

² Due to changes in industry classification, 1967 data not comparable with later data. ³ For 1967, includes ordnance from privately owned and/or operated establishments classified in "Ordnance and accessories." Excludes government-owned and operated equipment. ⁴ Manufacturing concerns often reported separately for central offices or auxiliaries which serve the manufacturing establishments of a company, rather than the general public. Separate reports were obtained from such units if at a different location or if they serviced more than one establishment.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1967, 1972, and 1977, General Summary*, MC67(1), MC72(1)-1, and MC77(1)-1.

NO. 1424. FUELS AND ELECTRIC ENERGY USED IN MANUFACTURING INDUSTRIES: 1958 TO 1978

(Btu=British thermal unit. For definition of Btu, see headnote, table 991)

INDUSTRY GROUP AND TYPE OF ENERGY	Unit	1958	1962	1967	1974	1975	1976	1977	1978
ENERGY USED									
All manufacturing industries ¹	Tril. Btu	8,248	9,811	11,810	13,548	12,084	12,776	12,888	12,929
Chemicals and allied products	Tril. Btu	1,542	1,877	2,460	3,042	2,806	3,017	2,983	2,905
Primary metals	Tril. Btu	1,769	2,303	2,422	2,687	2,240	2,381	2,560	2,711
Paper and allied products	Tril. Btu	806	929	1,156	1,329	1,210	1,295	1,307	1,301
Petroleum and coal products	Tril. Btu	932	1,145	1,394	1,568	1,333	1,292	1,238	1,123
Stone, clay, and glass products	Tril. Btu	945	1,056	1,229	1,334	1,160	1,220	1,251	1,300
Food and kindred products	Tril. Btu	766	803	900	950	914	938	956	981
Fabricated metal products	Tril. Btu	190	213	298	406	368	381	394	400
Machinery, exc. electrical	Tril. Btu	210	235	311	357	328	330	340	351
Lumber and wood products	Tril. Btu	90	118	188	267	229	244	228	231
Printing and publishing	Tril. Btu	41	50	66	90	87	86	92	92
TYPE OF ENERGY									
Purchased fuels and electric energy ¹	Tril. Btu	8,248	9,811	11,810	13,548	12,084	12,776	12,888	12,929
Cost	Mil. dol	5,067	6,184	7,662	19,468	23,291	28,139	33,335	37,687
Fuels	Mil. dol	2,836	3,381	3,975	11,003	12,978	15,960	18,818	20,692
Electric energy	Mil. dol	2,231	2,823	3,717	8,465	10,313	12,179	14,517	16,995
Coal	Tril. Btu	2,143	2,343	1,967	1,252	1,169	1,255	1,329	1,352
Cost	Mil. dol	638	640	552	1,083	1,310	1,344	1,494	1,698
Fuel oil ²	Tril. Btu	969	1,209	1,092	1,738	1,726	1,978	2,125	2,122
Cost	Mil. dol	523	623	535	3,315	3,519	3,986	4,886	4,850
Gas	Tril. Btu	3,187	4,411	5,434	6,724	5,944	5,999	5,700	5,603
Cost	Mil. dol	901	1,456	1,749	4,860	5,653	7,532	8,875	9,861
Purchased electric energy	Tril. Btu	863	1,071	1,459	2,104	2,036	2,184	2,263	2,305
Cost	Mil. dol	2,231	2,823	3,717	8,465	10,313	12,179	14,517	16,995

¹ Includes items not shown separately. ² Includes fuel-oil related products.Source: U.S. Bureau of the Census, *Census of Manufactures, 1972 and 1977*; and *Annual Survey of Manufactures*.

NO. 1425. ENERGY CONSUMPTION PER CONSTANT DOLLAR OF VALUE ADDED FOR SELECTED INDUSTRIES: 1971 TO 1977

[1,000 Btu's per 1972 dollar. Includes basic industries. Industries selected on the basis of both total energy consumed and energy intensiveness; industries account for about 60 percent of total manufacturing energy consumption and about 8 percent of total manufacturing value added; see source for details. Consumption values include estimates of externally generated energy as well as purchased fuels and electric power. Minus sign (-) denotes decrease]

YEAR	Total economy ¹	All manufacturing	8-Industry groups	Paper	Paper-board	Inorganic chemicals	Organic chemicals ²	Petroleum refining	Cement	Steel	Aluminum
1971	61.5	52.5	373.8	316.2	458.8	245.8	277.9	631.4	421.4	314.5	418.5
1974	59.7	46.2	337.8	291.1	461.3	218.9	241.7	635.8	435.9	262.4	406.8
1975	58.8	46.6	353.4	319.3	503.7	210.8	244.8	613.7	442.9	282.4	401.0
1976	58.5	44.1	338.1	317.7	470.6	212.2	227.4	590.9	432.7	274.7	372.1
1977	57.1	42.3	329.2	308.7	464.8	203.3	193.9	573.7	411.2	282.7	379.9
AVERAGE ANNUAL PERCENT CHANGE											
1971-1974	-1.0	-4.0	-3.2	-2.6	.2	-3.6	-4.3	.2	1.1	-5.5	-9
1974-1975	-1.5	.9	4.6	9.7	9.2	-3.7	1.3	-3.5	1.6	7.5	-1.4
1975-1976	-5	-5.4	-4.3	-5	-6.6	.7	-7.1	-3.7	-2.3	-2.7	-7.2
1976-1977	-2.4	-4.1	-2.6	-2.8	-1.2	-4.2	-14.7	-2.9	-5.0	2.9	2.1

¹ Total gross energy consumption per constant dollar of GNP.² Excludes petrochemical feedstocks.Source: U.S. Bureau of Industrial Economics, *Industrial Economics Review*, Summer 1980.

**NO. 1426. PERCENT SHARE OF VALUE ADDED BY MANUFACTURE FOR LARGEST COMPANIES IN
MANUFACTURING, 1947 TO 1977, AND OF EMPLOYEES AND SHIPMENTS, 1963 TO 1977**

[Percent of total manufacturing. Companies ranked on value added by manufacture; companies in each group are not identical for all years. See also *Historical Statistics, Colonial Times to 1970*, series P 177-180]

ITEM	VALUE ADDED						EMPLOYMENT ¹			SHIPMENTS ²		
	1947	1954	1963	1967	1972	1977	1963	1972	1977	1963	1972	1977
Largest 50 companies.....	17	23	25	25	25	18	19	19	24	25	24	25
Largest 100 companies.....	23	30	33	33	33	25	25	26	33	34	33	35
Largest 150 companies.....	27	34	37	38	39	30	29	31	40	38	39	41
Largest 200 companies.....	30	37	41	42	43	34	32	35	44	42	43	45

¹ Includes central administrative offices and auxiliaries.

² See footnote 7, table 1405.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977, Concentration Ratios in Manufacturing*, MC77-SR-9.

**NO. 1427. PERCENT OF SHIPMENTS ACCOUNTED FOR BY LARGE MANUFACTURING COMPANIES,
SELECTED INDUSTRIES: 1963 TO 1977**

[Prior to 1967, excludes Alaska and Hawaii. First 32 industries (excluding those classified as "Miscellaneous" or "Not elsewhere classified") as determined by value added by manufacture in 1972 of \$2 billion or more. Industry codes and descriptions are based on the 1972 *Standard Industrial Classification Manual* (SIC), see text, p. 775. Determination of company affiliation of establishment is based on census reports and publicly available records. "Largest" companies are determined by each company's value added by manufacture in the specified industry. Industries in the "not elsewhere classified" category are omitted, regardless of their value added]

Industry code ¹	INDUSTRY	Year	Number of companies	Value added by manu- facture ² (mil. dol.)	Total value of ship- ments ³ (mil. dol.)	PERCENT OF SHIPMENTS, RANKED BY COMPANY SIZE			
						4 larg- est	8 larg- est	20 larg- est	50 larg- est
3711	Motor vehicles and car bodies	1967.....	107	7,354	27,296	92	98	99+	99+
		1972.....	165	11,783	42,906	93	99	99+	99+
		1977.....	254	18,724	76,518	93	99	99+	99+
3312	Blast furnaces and steel mills.....	1967.....	200	8,910	19,621	48	66	83	96
		1972.....	241	10,305	23,947	45	65	84	96
		1977.....	395	15,332	41,998	45	65	84	95
3714	Motor vehicle parts and accessories	1967.....	1,424	5,712	11,624	60	68	78	87
		1972.....	1,748	9,165	18,334	61	69	78	86
		1977.....	2,194	16,264	35,751	62	70	79	86
2711	Newspapers.....	1967.....	7,589	4,184	5,757	16	25	40	56
		1972.....	7,461	6,220	8,263	17	28	43	60
		1977.....	7,821	9,519	13,056	19	31	45	62
3662	Radio and TV communications equipment	1967.....	1,111	5,456	8,556	22	37	61	81
		1972.....	1,524	5,803	9,140	19	33	58	77
		1977.....	1,873	9,938	14,886	20	33	57	73
2834	Pharmaceutical preparations	1967.....	791	3,720	4,698	24	40	73	90
		1972.....	680	5,640	7,150	26	44	75	81
		1977.....	655	8,214	11,459	24	43	73	91
3721	Aircraft.....	1967.....	91	4,548	11,080	69	89	99	99+
		1972.....	141	5,083	8,779	66	86	99	99+
		1977.....	151	8,134	14,834	59	81	99	99+
2911	Petroleum refining.....	1967.....	276	4,745	20,294	33	57	84	96
		1972.....	152	4,595	25,921	31	56	84	95
		1977.....	192	14,424	91,689	30	53	81	94
3861	Photographic equipment and supplies.....	1967.....	505	2,481	3,665	69	81	89	95
		1972.....	555	4,088	5,624	74	85	92	95
		1977.....	702	6,732	9,945	72	86	90	94
2051	Bread, cake, and related products	1967.....	3,445	2,753	5,103	26	38	47	58
		1972.....	2,900	3,518	6,132	29	39	50	62
		1977.....	2,549	5,370	9,275	33	40	54	68
3585	Refrigeration and heating equipment.....	1967.....	624	1,480	(NA)	31	45	62	78
		1972.....	655	3,517	7,084	40	53	70	85
		1977.....	731	4,469	9,638	41	51	67	82
3573	Electronic computing equipment.....	1967.....	134	1,926	3,771	66	83	92	98
		1972.....	518	3,419	6,471	51	63	78	90
		1977.....	808	7,624	12,924	44	55	71	85
2752	Commercial printing, lithographic.....	1967.....	6,718	1,898	3,139	5	8	15	25
		1972.....	8,180	3,159	5,125	4	8	15	24
		1977.....	10,964	5,938	9,360	6	10	17	26
3531	Construction machinery	1967.....	578	2,506	4,138	41	53	72	85
		1972.....	644	3,131	6,091	43	54	72	86
		1977.....	807	5,744	12,629	47	59	75	86
3011	Tires and inner tubes	1967.....	119	1,823	3,734	70	88	97	100
		1972.....	136	3,071	5,747	73	90	98	99+
		1977.....	121	4,347	8,971	70	88	97	99+

See footnotes at end of table.

NO. 1427. PERCENT OF SHIPMENTS ACCOUNTED FOR BY LARGE MANUFACTURING COMPANIES,
SELECTED INDUSTRIES: 1963 TO 1977—Continued

[See headnote, p. 793]

Industry code ¹	INDUSTRY	Year	Number of companies	Value added by manu- facture ² (mil. dol.)	Total value of ship- ments ³ (mil. dol.)	PERCENT OF SHIPMENTS, RANKED BY COMPANY SIZE			
						4 larg- est	8 larg- est	20 larg- est	50 larg- est
2011	Meatpacking plants.....	1963.....	2,833	1,908	12,435	31	40	49	60
		1967.....	2,529	2,221	15,576	26	39	49	61
		1972.....	2,291	2,968	23,003	22	37	51	56
		1977.....	2,404	4,010	31,208	19	37	49	62
3761	Guided missiles and space vehicles.....	1967.....	(NA)	3,339	4,641	(NA)	(NA)	(NA)	(NA)
		1972.....	23	2,949	4,124	62	88	(b)	100
		1977.....	20	3,565	5,314	64	94	100	(x)
2621	Papermills, exc. building paper.....	1963.....	186	1,857	3,825	26	42	63	85
		1967.....	203	2,356	4,644	26	43	65	86
		1972.....	194	2,809	6,385	24	40	66	88
		1977.....	171	5,407	12,613	23	42	70	92
2421	Sawmills and planing mills, general.....	1963.....	11,931	1,376	3,156	11	14	20	29
		1967.....	10,016	1,555	3,506	11	15	22	31
		1972.....	7,664	2,907	6,421	18	23	33	45
		1977.....	6,966	4,453	10,667	17	23	36	49
2844	Toilet preparations.....	1963.....	673	1,233	1,793	38	52	75	90
		1967.....	628	1,731	2,516	38	52	74	90
		1972.....	593	2,834	4,053	38	53	74	91
		1977.....	644	4,527	6,557	40	56	74	90
3465	Automotive stampings.....	1972.....	388	2,664	5,286	69	72	79	87
		1977.....	495	4,655	9,739	65	70	77	84
3661	Telephone, telegraph apparatus.....	1963.....	65	1,014	1,736	92	96	99	99+
		1967.....	82	1,537	2,591	92	96	99	99+
		1972.....	157	2,650	4,525	(d)	(d)	98	99+
		1977.....	206	4,192	7,858	(d)	89	94	98
2026	Fluid milk.....	1963.....	4,030	2,203	7,026	23	30	40	48
		1967.....	2,988	2,351	7,826	22	30	42	51
		1972.....	2,025	2,552	9,396	18	26	42	56
		1977.....	1,516	3,176	13,786	18	28	43	60
2086	Bottled and canned soft drinks.....	1963.....	3,569	1,233	2,211	12	17	24	34
		1967.....	3,057	1,679	3,173	13	20	28	38
		1972.....	2,273	2,337	5,454	14	21	32	44
		1977.....	1,758	4,085	10,007	15	22	36	50
3321	Gray iron foundries ⁴	1963.....	1,062	1,169	1,965	28	37	51	65
		1967.....	969	1,543	2,638	27	36	50	64
		1972.....	893	2,257	3,877	34	45	59	71
		1977.....	865	4,071	7,969	34	44	60	73
3523	Farm machinery and equipment.....	1963.....	1,481	(NA)	2,842	43	55	67	77
		1967.....	1,526	2,042	4,300	44	56	68	77
		1972.....	1,465	2,248	4,530	47	61	89	78
		1977.....	1,868	4,854	10,282	46	61	70	78
2111	Cigarettes.....	1963.....	7	^a 1,310	^a 2,855	80	100	(x)	(x)
		1967.....	8	^a 1,640	^a 3,045	81	100	(x)	(x)
		1972.....	7	^a 2,188	^a 3,745	(d)	(d)	(x)	(x)
		1977.....	8	^a 3,803	^a 6,377	(d)	(d)	(x)	(x)
2821	Plastics materials and resins.....	1972.....	193	2,161	4,478	26	41	65	90
		1977.....	221	4,143	10,818	22	37	60	87
2721	Periodicals.....	1963.....	2,562	1,349	2,296	28	42	59	73
		1967.....	2,430	1,869	3,096	24	37	56	72
		1972.....	2,451	2,110	3,511	26	38	54	69
		1977.....	2,860	3,763	6,057	22	35	52	67
2824	Organic fibers, noncellulosic.....	1963.....	14	922	1,403	94	99	100	(x)
		1967.....	22	1,252	2,033	84	94	(d)	100
		1972.....	36	2,040	3,639	74	91	99+	100
		1977.....	37	2,804	6,380	78	90	99	100
2841	Soap and other detergents.....	1963.....	641	1,137	2,128	72	80	88	93
		1967.....	599	1,404	2,593	70	78	86	92
		1972.....	577	2,039	3,394	62	74	85	92
		1977.....	554	2,868	5,671	59	71	82	89
2751	Commercial printing, letterpress.....	1963.....	11,979	(NA)	2,645	13	19	28	38
		1967.....	11,955	(NA)	3,258	14	21	29	39
		1972.....	13,040	2,015	3,306	14	19	26	35
		1977.....	14,375	2,441	4,284	14	19	25	31

D Withheld to avoid disclosure. NA Not available. X Not applicable. ¹ See headnote, p. 793. ² See footnote 6, table 1405. ³ See footnote 7, table 1405. ⁴ Value of work done reported instead of value of shipments; therefore, value added not adjusted for inventory change. ⁵ Includes foundries producing gray-iron castings for other plants of the same company. Accordingly, percentages do not reflect market shares in industry as such. ⁶ Value of production reported instead of value of shipments; therefore, formula for computing adjusted value added modified to include only changes in work-in-process inventories between beginning and end of year.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977, Concentration Ratios in Manufacturing*, MC77-SR-8.

NO. 1428. BEVERAGE INDUSTRY—SUMMARY: 1965 TO 1978

YEAR AND ITEM	Unit	Total	Malt bever- ages	Malt	Wines, brandy, brandy spirits	Distilled liquor, exc. brandy	Soft drinks (bot- tled, canned)	Flavoring, extracts, sirups
1965: Employees	1,000.....	210	60	2	6	19	114	9
Payroll.....	Mil. dol.....	1,348	488	16	42	126	614	63
Value added by manufacture	Mil. dol.....	4,152	1,360	51	167	713	1,373	488
Value of shipments	Mil. dol.....	7,728	2,497	204	396	1,288	2,505	837
1970: Employees	1,000.....	228	57	2	9	21	129	11
Payroll.....	Mil. dol.....	1,884	616	19	71	171	916	91
Value added by manufacture	Mil. dol.....	6,144	2,028	58	258	887	2,121	792
Value of shipments	Mil. dol.....	12,373	3,822	210	591	1,758	4,631	1,361
1975: Employees	1,000.....	204	47	2	11	16	117	11
Payroll.....	Mil. dol.....	2,418	728	24	131	198	1,210	129
Value added by manufacture	Mil. dol.....	8,110	2,008	122	500	1,056	3,321	1,103
Value of shipments	Mil. dol.....	20,396	5,641	591	1,197	2,004	8,602	2,361
1977: Employees	1,000.....	195	44	2	9	16	114	11
Payroll.....	Mil. dol.....	2,849	858	27	134	232	1,449	149
Value added by manufacture	Mil. dol.....	9,901	2,602	101	510	1,150	4,085	1,453
Value of shipments	Mil. dol.....	23,329	6,653	499	1,363	2,296	10,007	2,511
1978: Employees	1,000.....	200	46	2	10	16	115	12
Payroll.....	Mil. dol.....	3,171	973	30	155	247	1,593	174
Value added by manufacture	Mil. dol.....	11,393	2,991	103	558	1,325	4,627	1,730
Value of shipments	Mil. dol.....	26,577	7,539	445	1,559	2,684	11,417	2,933

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977*, and *Annual Survey of Manufactures*.

NO. 1429. ALCOHOLIC BEVERAGES—SUMMARY: 1960 TO 1980

[For years ending June 30 except, beginning 1977, ending Sept. 30. Includes Puerto Rico. Excludes imports. See *Historical Statistics, Colonial Times to 1970*, series P 235 for beer production, and P 236a for distilled spirits]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980
Beer: Breweries operated	Number	229	197	154	117	96	95	89	86	86
Production	Mil. bbl. ¹	95	108	135	158	161	170	176	184	192
Imports (incl. ale, etc.) ²	Mil. bbl. ¹	(NA)	(NA)	(NA)	(NA)	2.4	2.6	3.1	4.1	3.4
Value of shipments (SIC 2062) ³	Mil. dol. (NA)	2,470	3,822	5,641	6,025	7,539	8,353	8,353	8,353	8,353
Tax-paid withdrawals	Mil. bbl. ¹	89	100	123	147	149	156	160	167	172
Stocks on hand, June 30	Mil. bbl. ¹	11	13	15	14	14	14	14	14	15
Per capita consumption ⁴	Gallons	24.0	25.5	28.6	32.8	31.2	32.3	33.1	34.0	(NA)
Of domestic output	Gallons	23.9	25.3	28.4	32.4	30.8	31.8	32.4	33.1	(NA)
Distilled spirits:										
Production facilities operated	Number	178	153	140	115	107	96	101	135	143
Warehouses operated	Number	241	268	274	241	233	222	220	210	200
Production, total ⁵	Mil. tax gal. ^{6,7}	273	276	355	278	234	225	268	246	236
Whisky	Mil. tax gal. ^{6,7}	150	118	160	50	79	82	71	104	87
Tax-paid withdrawals, total ⁸	Mil. tax gal. ^{6,7}	176	205	256	295	304	296	321	318	330
Whisky	Mil. tax gal. ^{6,7}	84	90	112	137	135	128	136	125	42
Stocks on hand, June 30, total ⁵	Mil. tax gal. ^{6,7}	932	990	1,091	836	782	726	670	659	696
Whisky	Mil. tax gal. ^{6,7}	814	841	960	780	723	668	611	596	566
Bottled for consumption, total	Mil. wine gal. ⁹	204	244	312	357	369	361	380	379	391
Whisky	Mil. wine gal. ⁹	147	161	192	182	179	166	170	166	165
Per capita consumption ⁴	Wine gal. ⁹	1.87	2.13	2.61	2.49	2.11	2.67	2.78	2.70	(NA)
Of domestic output	Wine gal. ⁹	1.54	1.66	1.91	1.75	2.00	1.93	2.02	1.96	(NA)
Still wines: Production ¹⁰	Mil. wine gal. ⁹	511	565	713	782	768	771	731	739	982
Tax-paid withdrawals ¹¹	Mil. wine gal. ⁹	148	163	204	267	303	308	313	326	340
Stocks on hand, June 30 ¹²	Mil. wine gal. ⁹	143	157	207	325	325	392	431	465	466
Per capita consumption ⁴	Wine gal. ⁹	1.36	1.44	1.70	2.20	2.40	2.45	2.54	2.60	(NA)
Of domestic output	Wine gal. ⁹	1.28	1.32	1.52	1.96	1.95	2.35	2.01	2.02	(NA)
Effervescent wines: ¹³										
Production	Mil. wine gal. ⁹	4.1	6.4	20.0	18.0	20.2	21.2	23.8	24.4	26.8
Tax-paid withdrawals	Mil. wine gal. ⁹	3.3	5.7	17.1	17.6	18.8	20.3	21.2	22.1	24.1
Stocks on hand, June 30	Mil. wine gal. ⁹	2.7	3.6	8.1	9.0	9.4	10.4	11.4	12.1	11.9
Per capita consumption ⁴	Wine gal. ⁹	.04	.06	.15	.13	.14	.16	.15	.15	(NA)
Of domestic output	Wine gal. ⁹	.03	.05	.13	.12	.12	.14	.13	.12	(NA)

NA Not available. ¹ Barrels of 31 wine gallons (see footnote 9). ² Source: U.S. Bureau of Census, *Imports for Consumption, General Imports*, FT 246. ³ Source: U.S. Bureau of Census, *Census of Manufactures, 1977*, and *Annual Survey of Manufactures*. ⁴ Source: U.S. Dept. of Commerce, Bureau of Industrial Economics. Based on U.S. Bureau of the Census estimated population 16 years old and over, as of July 1, including Armed Forces abroad. ⁵ Excludes alcohol produced for industrial use. ⁶ A tax gallon for spirits of 100 proof or over is equivalent to the proof gallon; for spirits of less than 100 proof to the wine gallon. (See footnotes 7 and 9.) ⁷ A proof gallon is the alcoholic equivalent of a U.S. gallon at 60°F, containing 50 percent of ethyl alcohol by volume. ⁸ Includes ethyl alcohol. ⁹ A wine gallon is the U.S. gallon equivalent to the volume of 231 cubic inches. ¹⁰ Production represents total amount removed from fermenters, including distilling material, and, beginning 1970, includes increase after fermentation (by amelioration, sweetening, and addition of wine spirits). In 1975, 359 million gallons of distilling materials were produced; 1976, 343 million gal.; 1977, 347 million gal.; 1978, 258 mil. gal.; 1979, 259 mil. gal.; and 1980, 184 mil. gal. ¹¹ Includes special natural wines. ¹² Excludes distilling materials. ¹³ Includes cham-
pagne, other effervescent wines, and artificially carbonated wines.

Source: Except as noted, U.S. Bureau of Alcohol, Tobacco, and Firearms, *Alcohol and Tobacco Summary Statistics*, annual.

NO. 1430. TOBACCO PRODUCTS—PRODUCTION AND CONSUMPTION: 1960 TO 1980

[Production data are for years ending June 30. Excludes cigars produced in customs bonded manufacturing warehouses. See also *Historical Statistics, Colonial Times to 1970*, series P 239-241]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Production:												
Cigarettes ¹	Billions	506	562	562	616	652	627	688	673	688	707	702
Cigars ¹	Billions	6.9	8.9	8.0	11.4	8.7	8.3	6.7	5.8	5.6	5.1	4.9
Tobacco ²	Mill. lb.	176	169	164	149	152	155	153	155	156	156	163
Per capita consumption: ³												
All products	Lb. ⁴	11.8	11.5	9.6	9.5	9.4	9.1	8.7	8.5	8.1	8.3	8.2
Cigarettes	1,000	4.2	4.3	4.0	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.9
Weight	Lb. ⁴	9.64	9.37	7.78	7.92	7.90	7.73	7.35	7.21	6.89	7.13	7.06
Cigars	Number	61	70	60	49	44	39	36	33	30	27	25
Weight	Lb. ⁴	1.18	1.24	1.00	.77	.70	.63	.57	.54	.50	.44	.41
Tobacco ²	Lb. ⁴	.99	.88	.83	.75	.75	.72	.73	.70	.68	.69	.69

¹ Large and small. Source: U.S. Bureau of Alcohol, Tobacco, and Firearms, *Alcohol and Tobacco Summary Statistics*, annual.

² Smoking and chewing tobaccos and snuff. Source: U.S. Dept. of Agriculture, Agricultural Marketing Service, *Manufacture and Sales of Snuff, Smoking, and Chewing Tobacco*, quarterly. ³ Based on U.S. Bureau of the Census estimated population 18 years old and over, as of July 1, including Armed Forces abroad. 1980 data preliminary. ⁴ Unstemmed processing weight equivalent. ⁵ Weighing over 3 pounds per 1,000.

Source: Except as noted, U.S. Dept. of Agriculture, Economic Research Service, *Tobacco Situation*, quarterly.

NO. 1431. MILL CONSUMPTION OF NATURAL AND MANMADE FIBERS: 1960 TO 1980

[In millions of pounds, except per capita. Per capita figures based on U.S. Bureau of the Census population estimates as of July 1, including Armed Forces abroad. See *Historical Statistics, Colonial Times to 1970*, series P 229 and P 230, for wool and silk]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980 ¹
Cotton, total ²	4,234	4,522	3,854	3,658	3,309	3,027	3,414	3,170	3,041	3,077	3,036
Per capita (lb.)	23.4	23.2	18.8	17.4	15.6	14.2	15.9	14.6	13.9	14.0	13.6
Wool, total ³	411	387	240	151	93	110	122	108	115	117	123
Per capita (lb.)	2.3	2.0	1.2	.7	.4	.5	.6	.5	.5	.5	.6
Flax, total	5	8	6	7	7	3	4	3	4	5	2
Silk, total	7	6	2	3	3	1	3	2	2	2	1
Manmade fibers: ⁴											
Rayon, acetate, total	1,055	1,550	1,414	1,390	1,111	801	855	862	871	823	733
Per capita (lb.)	5.8	8.0	6.9	6.6	5.2	3.8	4.0	4.0	4.0	3.7	3.3
Noncellulosic, total	762	1,962	4,086	7,275	6,589	6,615	7,198	8,026	8,357	8,621	8,051
Per capita (lb.)	4.2	10.1	19.9	34.6	31.1	31.0	33.4	37.0	38.2	38.3	35.4

¹ Preliminary. ² Reported by U.S. Bureau of the Census. For American cotton, tare as reported by Crop Reporting Board is deducted. For foreign cotton, 15 pounds deducted, 1950-1965; 20 pounds thereafter. ³ Reported by U.S. Bureau of the Census. Excludes consumption in cotton and other spinning systems and consumption in batting and felt manufacture. ⁴ From *Textile Organon*. Represents domestic shipments plus imports for consumption. Includes textile glass-fiber and producers waste consumed at mills.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Cotton and Wool Situation*, April 1981.

NO. 1432. WOOL—PRODUCTION, PRICE, AND SUPPLY: 1960 TO 1980

[In millions of pounds, except as indicated. For 1960 and for wool consumed in manufacturing, excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series K 559-560, for shorn wool production and price, and series P 229, for wool consumed in manufacturing]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980 ¹
Stocks of all wool, Jan. 1 ²	151	103	102	53	53	48	42	42	49	45
Sheep and lambs shorn (mil.)	31	24	19	16	14	14	13	13	13	13
Weight per fleece (lb.)	8.5	8.5	8.4	8.2	8.3	8.2	8.1	8.1	8.0	8.0
Shorn wool production (grease basis)	265	201	162	131	120	111	107	103	105	106
Price per pound ³ (cents)	42.0	47.1	35.4	59.2	44.7	65.7	72.0	74.5	86.3	88.1
Total wool production (grease basis)	299	225	177	137	125	116	110	104	106	107
Wool, clean basis: Total production	151	113	88	74	67	62	58	55	56	56
Imports of dutiable wool ⁴	74	163	80	12	17	38	34	27	20	30
Imports of duty free wool ⁴	154	109	73	15	17	19	19	23	22	26
Total new supply ⁵	530	488	343	154	154	167	153	147	147	157
Consumed in manufacturing ⁶	411	387	240	94	110	122	108	115	117	123
Apparel class ⁷	246	275	164	75	94	107	95	102	106	114
Carpet class	165	112	77	19	16	15	13	13	11	9

¹ Preliminary. ² Scoured basis. ³ Weighted season average price received by farmers. 1960, April-March marketing season; thereafter, calendar year. ⁴ Imports for consumption. ⁵ Production, imports, and stock of wool Jan. 1. ⁶ Scoured wool, plus greasy wool reduced to scoured basis. ⁷ Includes raw wool consumed on woolen and worsted systems only.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Agricultural Statistics*, annual, and *Cotton and Wool Situation*. Imports from U.S. Bureau of the Census.

NO. 1433. RAW COTTON—SPINDLES, CONSUMPTION, AND STOCKS: 1950 TO 1980

[For years ending July 31. Excludes Alaska and Hawaii. Consumption and stocks are expressed in running bales, counting round as half bales, except foreign cotton which is in equivalent 500-pound bales. See *Historical Statistics, Colonial Times to 1970*, series P 228, for total cotton consumed including linters]

ITEM	Unit	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979	1980
Cotton systems spindle:												
Total in place ¹	Million	23.0	22.3	20.0	19.3	19.9	18.3	18.0	17.8	17.5	17.4	17.1
Total active ²	Million	21.8	20.7	19.2	18.8	19.1	16.8	17.0	16.8	16.3	16.3	16.0
Spindle hours ³	Billion	109	113	113	102	74	44	51	45	42	42	42
Cotton consumed, total ⁴	Mill. bales	8.9	8.8	9.0	9.2	8.0	5.6	7.0	6.5	6.2	6.1	6.2
Cotton stocks, end of year ⁵	Mill. bales	6.5	11.0	7.3	14.1	5.4	5.2	3.4	2.8	4.9	3.5	3.0

¹ All spindles in place regardless of fiber spun. ² Active last day of year, regardless of type of fiber spun. On August 2, 1980, there were 6,159,000 spindles active on cotton, 9,825,000 on manmade and other fibers and blends, and 1,162,000 idle.
³ Consuming 100 percent cotton. ⁴ Excludes linters. Includes foreign and domestic cotton. ⁵ Excludes linters. Includes stocks at public storage and compresses.

Source: U.S. Bureau of the Census, *Cotton Production and Distribution*, annual, and *Current Industrial Reports*, series M22P.

NO. 1434. BROADWOVEN GRAY AND FINISHED FABRICS—PRODUCTION, BY TYPE: 1960 TO 1979

[In billions of linear yards. Fabrics classified by primary fiber content]

PRODUCT	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Broadwoven gray fabrics, total	12.1	13.4	11.5	11.3	10.7	9.5	10.9	10.7	10.8	10.6
Cotton fabrics ¹	9.4	9.2	6.2	5.1	4.7	4.1	4.7	4.4	4.0	3.9
Sheeting, allied coarse, medium yarn fabrics	2.5	2.6	1.8	1.3	1.1	.9	.9	.7	.7	.6
Print cloth yarn fabrics	3.3	3.1	2.4	2.0	1.9	1.5	1.8	1.7	1.5	1.4
Manmade fiber fabrics ¹	(NA)	3.9	5.0	6.1	5.9	5.3	6.1	6.2	6.7	6.6
100 percent filament yarn	(NA)	1.6	1.5	1.9	2.0	1.7	2.0	2.0	2.3	2.4
100 percent spun yarn ²	(NA)	1.5	2.9	3.5	3.3	3.0	3.5	3.6	3.7	3.6
Polyester blends with cotton	(NA)	.7	2.0	2.5	2.4	2.4	2.7	2.7	2.6	2.5
Woolen and worsted ³	.3	.3	.2	.1	(2)	(2)	(2)	.1	.1	.1
Broadwoven finished fabrics, total	9.6	11.0	9.7	9.7	8.4	8.0	8.3	8.2	8.5	8.1
Cotton fabric	7.4	7.7	5.2	4.5	3.6	3.5	3.5	3.3	3.3	3.1
Manmade fiber fabrics and silk ⁴	2.1	3.3	4.5	5.2	4.7	4.6	4.8	4.9	5.3	5.0
Bleached and white finished ⁵	5.0	6.4	6.1	5.8	5.2	4.7	5.1	5.1	5.4	5.6
Cotton	3.2	3.5	2.4	2.0	1.8	1.6	1.6	1.6	1.6	1.5
Manmade fiber fabrics and silk ⁴ ⁵	1.8	2.8	3.7	3.8	3.4	3.1	3.5	3.5	3.8	1.1
Plain dyed and finished cottons	2.5	2.7	1.8	1.6	1.2	1.2	1.3	1.2	1.2	1.1
Printed and finished goods ⁶	2.1	1.9	1.9	2.4	1.9	2.1	2.0	1.9	1.9	1.6

NA Not available. Z Less than 50 million. ¹ Excludes fabrics not shown separately. ² Except blanketing.
³ Except woven felts; in terms of finished yardage. ⁴ Fabrics made of polyester, rayon, acetate, nylon, silk, glass, acrylic fibers, etc. ⁵ Includes plain dyed manmade fibers prior to 1979. ⁶ Includes roller, screen, and block printed; excludes printed towels, tablecloths, flock, plisse, moire, or embossed.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-22S and MQ-22T.

NO. 1435. U.S. IMPORTS AND EXPORTS OF TEXTILES AND APPAREL PRODUCTS: 1965 TO 1980

[In millions of dollars. Excludes glassfibers, linoleum, rubber and leather apparel and clothing donated for charity. Minus sign (—) denotes deficit]

ITEM	1965	1970	1975	1976	1977	1978	1979	1980
Exports	613	733	1,873	2,289	2,381	2,624	3,801	4,470
Imports	1,280	2,275	3,530	4,683	5,415	7,045	7,229	8,177
Trade balance	-667	-1,542	-1,657	-2,393	-3,033	-4,420	-3,428	-3,707
Textile mill products	510	578	1,533	1,855	1,857	2,073	3,029	3,484
Yarn and thread	119	133	271	336	378	330	590	642
Cotton broad woven fabric	108	112	376	499	438	426	626	722
Other broad woven and knit fabric	135	151	387	423	399	433	678	734
Narrow fabric	21	15	32	36	39	84	95	106
Special fabric	64	89	194	243	252	406	504	738
Made-up articles	52	53	185	214	242	252	329	261
Textile floor coverings	11	25	88	106	109	143	207	281
Apparel	103	155	341	434	524	551	772	986

Source: U.S. Bureau of the Census, *U.S. General Imports, Schedule A Commodity by Country*, Report FT135, and *U.S. Exports, Schedule E Commodity by Country*, Report FT410, monthly.

NO. 1436. MALE AND FEMALE CLOTHING: 1960 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series P 242 and 243]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979 ¹	1980 ¹
MALE CLOTHING											
Men's suits ²	Mill. units.....	21.3	21.9	17.7	16.8	13.7	16.2	17.3	17.5	15.9	14.5
Boys' suits ²	Mill. units.....	5.1	6.6	4.7	2.9	2.5	2.5	3.6	4.7	4.4	(NA)
Separate trousers (men's).....	Mill. units.....	100.3	142.3	173.6	156.6	118.9	132.2	128.8	122.7	124.7	122.7
Separate coats ⁴	Mill. units.....	14.2	16.3	16.1	21.1	13.1	13.8	17.8	16.1	17.0	(NA)
Men's and youths' ⁵	Mill. units.....	10.2	12.3	11.8	18.6	11.5	12.9	16.6	15.0	15.6	18.0
Boys' ⁵	Mill. units.....	4.0	4.0	4.3	2.5	1.6	.9	1.2	1.1	1.4	(NA)
Woven shirts, men's ⁵	Mill. doz.....	23.2	28.2	20.8	20.4	17.4	19.5	18.2	15.0	14.4	13.6
Casual slacks.....	Mill. units.....	(NA)	(NA)	123.6	207.6	153.3	221.3	287.5	99.5	95.9	71.8
Jeans.....	Mill. units.....	(NA)	(NA)	123.6	207.6	153.3	221.3	287.5	191.0	187.4	139.5
Work shirts (incl. flannels).....	Mill. doz.....	3.8	4.0	4.1	3.4	2.9	3.7	4.0	3.8	3.6	3.6
FEMALE CLOTHING											
Blouses.....	Mill. doz.....	15.8	19.0	13.3	17.2	18.3	19.7	24.7	25.6	24.9	25.8
Dresses.....	Mill. units.....	253	281	251	190	174	171	193	189.7	169.7	168.4
Suits ⁴	Mill. units.....	9.4	11.9	8.8	7.8	9.0	11.7	36.5	32.1	25.3	21.1
Slacks.....	Mill. doz.....	3.6	7.1	9.4	18.6	18.3	18.3	18.6	12.4	12.1	(NA)
Jeans.....	Mill. doz.....	3.6	7.1	9.4	18.6	18.3	18.3	18.6	4.4	5.1	(NA)
Skirts.....	Mill. doz.....	8.3	8.9	6.9	4.4	4.3	4.9	5.4	5.8	5.3	6.1
Untrimmed coats.....	Mill. units.....	21.0	19.1	17.0	20.5	18.4	20.7	19.0	18.9	17.4	19.2
Fur-trimmed coats.....	Mill. units.....	2.5	6.1	4.7	6.3	6.6	6.1	6.6	5.9	5.0	6.0
Knit outerwear: Sweaters.....	Mill. units.....	6.4	7.3	5.3	6.3	6.6	6.1	6.6	5.9	5.0	6.0
Sport shirts.....	Mill. doz.....	2.3	3.4	4.0	7.4	7.8	8.4	11.7	11.0	10.4	(NA)

NA Not available. ¹ Preliminary. ² Beginning 1975, excludes leisure suits. ³ Beginning 1970, includes uniform suits and coats. ⁴ Beginning 1975, excludes leisure coats. ⁵ Includes knit and woven dress and woven sport. ⁶ Beginning 1977, includes pant suits.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-23A, M-23B, and M-23H.

NO. 1437. FOOTWEAR—PRODUCTION, SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION: 1960 TO 1980

[In millions of pairs, except as indicated. See *Historical Statistics, Colonial Times to 1970*, series P 260-261, for men's and women's shoes]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980 ¹
Apparent consumption	623.4	711.3	801.7	803.6	743.3	727.9	786.3	745.7	787.7	832.9	747.3
Production, shoes and slippers.....	600.0	626.2	562.3	490.0	453.0	413.1	422.5	391.1	418.9	398.4	394.6
Percent exported.....	.5	.4	.4	.7	.9	1.1	1.4	1.3	1.7	2.3	3.3
Value (bil. dol.).....	2.2	2.5	2.9	3.0	3.2	3.1	3.5	*3.7	3.8	4.3	4.5
Imports.....	26.6	87.6	241.5	317.2	294.3	319.4	369.8	360.0	375.7	443.6	365.7
Percent of total consumption.....	4.3	12.3	30.1	39.5	39.6	43.9	47.0	48.3	47.7	53.6	48.9
Shoes, sandals, playshoes (consumption).....	521.0	533.2	460.8	396.3	365.0	339.1	355.5	332.0	335.6	320.6	320.8
Men's, youths', boys' ²	124.7	143.8	143.5	140.8	127.9	121.2	128.1	116.8	116.8	103.8	105.5
Women's.....	279.8	280.0	230.2	179.3	167.1	154.1	155.9	145.0	145.4	145.9	143.6
Misses'.....	40.2	36.5	23.2	17.5	15.8	13.1	15.6	13.2	13.1	13.7	11.6
Children's.....	32.7	33.5	25.9	23.8	20.6	18.5	21.0	18.3	16.2	13.9	13.1
Infants' and babies' ²	36.6	32.5	29.0	25.2	23.8	24.2	24.9	22.7	23.2	22.8	22.1
Athletic shoes.....	7.0	7.0	9.0	9.6	9.9	7.9	10.1	16.0	20.9	20.5	24.9

¹ Preliminary. ² Source: U.S. Bureau of the Census, *Census of Manufactures*, 1977.

Source: Except as noted, U.S. Bureau of the Census, *Current Industrial Reports*, series M31A.

NO. 1438. HOSIERY—PRODUCTION, BY TYPE: 1960 TO 1980

[In millions of dozens of pairs. Excludes Alaska and Hawaii. Excludes slipper socks]

TYPE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
All types	154.9	198.2	244.1	227.4	216.4	224.8	253.9	257.4	263.8	294.5	280.2
Women's	65.0	92.7	125.7	99.9	88.7	97.7	113.8	110.6	110.9	141.7	139.6
Pantyhose.....	(NA)	(NA)	88.4	75.0	60.0	61.3	70.4	68.7	74.0	91.0	96.0
Stockings.....	64.9	92.3	36.3	15.6	13.2	8.9	7.6	6.6	6.5	6.0	5.2
Knee-highs and anklets (sheer).....	.2	.4	1.0	9.3	15.5	27.6	35.9	35.3	30.5	44.7	38.4
Infants' and children's ¹	17.8	18.8	20.6	22.7	22.1	22.0	27.7	28.4	29.8	32.2	28.8
Anklets.....	17.1	17.4	15.3	17.8	17.3	17.3	21.3	21.3	22.1	22.1	19.3
Girls', boys', and women's ²	20.8	35.2	33.6	41.2	41.4	41.9	46.4	49.0	46.7	48.4	48.8
Anklets.....	19.4	28.9	20.4	22.2	20.7	20.7	21.3	20.2	18.5	19.6	12.5
Knee-highs.....	1.5	5.5	10.4	15.0	16.1	16.8	19.4	21.9	20.6	22.2	24.3
Men's (sizes 10 and up)	51.2	51.6	84.2	63.7	64.2	63.2	66.0	69.3	76.4	72.2	63.1
Anklets.....	39.0	43.5	54.0	52.8	53.8	51.1	51.3	50.5	51.3	43.3	27.6
Mid-calf and knee-highs.....	(NA)	8.1	10.0	10.8	10.3	11.9	14.5	18.6	24.7	28.5	35.2

NA Not available. ¹ Sizes 3-8½. Includes knee-highs. ² Sizes 8-11. Includes foot socks not shown separately.
Source: National Association of Hosiery Manufacturers, Charlotte, N.C., *Hosiery Statistics*, annual. (Copyright.)

NO. 1439. CHEMICALS AND ALLIED PRODUCTS—VALUE OF SHIPMENTS: 1965 TO 1978

[In millions of dollars. "N.e.c." means not elsewhere classified]

PRODUCT	1965	1970	1972	1973	1974	1975	1976	1977	1978
Total ¹	37,479	49,355	57,350	65,008	83,801	89,848	89,721	118,154	129,850
Alkalies and chlorine	575	686	806	876	1,232	1,673	1,886	1,786	1,746
Industrial gases	495	664	659	721	793	908	1,049	1,199	1,408
Cyclic crudes and intermediates	1,452	2,014	2,332	2,764	4,141	4,202	5,231	5,514	5,515
Inorganic pigments	549	693	756	893	1,196	964	1,267	1,339	1,381
Industrial organic chemicals, n.e.c.	5,023	6,470	7,466	8,548	12,743	14,098	16,794	19,378	21,214
Misc. end-use chems. & chem. prods. exc. urea								2,071	1,851
Misc. cyclic & acyclic chemicals & chem. prods.	4,006	4,897	5,900	6,582	9,828	10,901	12,977	13,425	14,915
Industrial inorganic chemicals, n.e.c. ¹	3,339	4,109	5,003	5,512	8,609	9,100	10,774	11,774	12,792
Potassium and sodium compounds	547	543	503	583	900	910	1,074	1,103	1,206
Plastics materials and resins	3,471	4,562	4,486	5,878	8,444	7,747	10,455	12,181	13,783
Synthetic rubber (vulcanizable elastomers)	959	1,114	1,289	1,397	1,862	1,820	2,204	2,364	2,826
Cellulosic manmade fibers	741	665	685	744	898	781	814	851	945
Organic fibers, noncellulosic	1,833	2,468	2,949	3,954	3,867	4,035	4,414	5,472	5,912
Biological products	172	351	495	559	684	788	874	1,068	1,216
Medicinals and botanicals	464	747	794	986	1,467	1,489	1,774	2,205	2,406
Pharmaceutical preparations	3,621	5,264	6,295	6,841	7,463	8,247	9,217	9,640	10,711
Soaps and detergents	1,956	2,509	2,852	3,033	3,500	3,963	4,490	5,000	5,551
Polishes and sanitation goods	880	1,306	1,736	1,844	1,980	2,196	2,432	2,669	3,029
Specialty cleaning and sanitation products	448	755	899	937	1,071	1,197	1,316	1,478	1,625
Toilet preparations	2,286	3,770	4,247	4,573	4,797	5,178	5,883	6,394	6,792
Hair preparations (incl. shampoos)	706	1,034	1,065	1,100	1,129	1,306	1,408	1,475	1,466
Perfumes, toilet water, colognes	264	536	677	716	755	918	1,007	1,097	1,250
Dentifrices, mouthwashes, gargles, etc.	259	468	485	(s)	535	536	628	660	733
Paints and allied products	2,568	3,019	3,520	3,914	4,678	4,672	5,415	6,123	6,671
Fertilizers	1,434	1,394	2,642	2,033	5,203	6,588	6,026	6,845	6,931
Adhesives and sealants	446	580	954	1,152	1,404	1,464	1,655	1,873	2,075
Explosives	200	213	238	247	359	450	426	426	456
Printing ink	324	389	498	528	623	698	765	904	990

¹ S Does not meet publication standards. ² Includes products not shown separately. ³ Synthetic ammonia, nitric acid, and ammonium compounds included in fertilizers. ⁴ Excludes gelatin.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972, and 1977, and Annual Survey of Manufactures*.

NO. 1440. CHEMICALS—PRODUCTION, BY KIND: 1979

[In thousands of short tons, except as indicated. Data for chemicals shown are restricted to a selected group composed for the most part of inorganic chemicals and related products which are sufficiently important economically to justify publication. Includes data for chemicals produced by Tennessee Valley Authority, and by Government-owned privately operated plants. See *Historical Statistics, Colonial Times to 1970*, series P 248, 249, and 251, for sodium hydroxide, ammonia (anhydrous), and sulfuric acid, respectively]

CHEMICAL	1979	CHEMICAL	1979
Acetylene ¹ (mil. cu. ft.)	5,741	Nitric acid (100% HNO ₃)	8,465
Aluminum chloride:		Nitrogen, high purity (99.5–100%) (bil. cu. ft.)	427
Anhydrous (100% AlCl ₃)	73	Nitrogen solutions (100% N) (bil. cu. ft.)	2,245
Liquid and crystal (32° Bé)	20	Oxygen, high purity ² (bil. cu. ft.)	457
Aluminum sulfate (17% Al ₂ O ₃) ²	1,314	Oxygen, lower purity ³ (bil. cu. ft.)	
Commercial iron free	117	Phosphoric acid (100% P ₂ O ₅)	10,317
Ammonia, synthetic anhydrous	18,523	Phosphorus (white and red)	460
Ammonium nitrate, original solution (100% NH ₄ NO ₃)	7,543	Potassium hydroxide (caustic soda):	264
Ammonium sulfate, synthetic (technical) ²	2,363	Liquid (100% NaOH)	12,772
Argon, refined (mil. cu. ft.)	8,039	Sodium silicate (soluble silicate glass, liquid and solid) (anhydrous) ¹⁰	770
Calcium carbide (commercial)	269	Sodium bichromate and chromate	157
Calcium phosphate dibasic (100% CaHPO ₄)	834	Sodium chlorate (100% NaClO ₃)	269
Carbon, activated ⁴	97	Sodium hydroxide (caustic soda):	
Carbon dioxide (liquid, gas, and solid) ⁵	3,124	Liquid (100% NaOH)	12,772
Chlorine, gas ⁶	12,228	Sodium silicate (soluble silicate glass, liquid and solid) (anhydrous) ¹⁰	770
Chrome, yellow and orange (C.P.)	34	Sodium sulfate:	
Chrome orange, molybdate (C.P.)	15	High purity (more than 99% Na ₂ SO ₄)	509
Hydrochloric acid (100% HCl)	3,090	Glauber's salt (100% Na ₂ SO ₄ ·10H ₂ O)	606
Hydrofluoric acid, anhydrous and aqueous (100% HF)	178	Lower purity (99% or less Na ₂ SO ₄)	43
Hydrogen, high purity ⁷ (billion cu. ft.)	99	Sulfuric acid gross ¹¹ (mil. sh. tons)	741
Hydrogen, lower purity ⁸ (billion cu. ft.)		Titanium dioxide ¹² (100% TiO ₂)	
Hydrogen peroxide (100% by weight)	113		

¹ Excludes quantities of acetylene produced and consumed by railroad shops, shipyards, and small establishments using portable generators.

² Excludes quantities produced and consumed by municipalities. ³ Excludes byproduct coke-oven production. ⁴ Includes data for decolorizing and water purification grades only. ⁵ Excludes quantities produced and consumed in plants manufacturing soda ash or urea. ⁶ Total production, including quantities liquefied for use, storage, or shipment.

⁷ 99.5–100%. ⁸ Excludes quantities produced and consumed in manufacture of methanol and ammonia, produced by ammonia dissociation process, or disposed of as waste, e.g. vented, used as fuel, etc. Excludes amounts of hydrogen produced in petroleum refineries for captive use. ⁹ Less than 99.5%. ¹⁰ Excludes amounts produced and consumed in making meta-, ortho-, and sesquisulfates. ¹¹ 100% H₂SO₄. Includes sulfuric acid of oleum grades. ¹² Composite and pure.

Source: U.S. Bureau of the Census, compiled from manufacturers reports and published in *Current Industrial Reports*, series MA28A, MA28B, and MA28C.

NO. 1441. PETROLEUM AND COAL PRODUCTS—VALUE OF PRODUCTS SHIPMENTS AND INVENTORIES: 1963 TO 1978

[In millions of dollars. See also table 1320]

ITEM AND PRODUCT	1963	1967	1972	1974	1975	1976	1977	1978
Shipments, total	16,864	20,821	27,349	55,955	66,458	78,844	93,947	100,349
Petroleum refining ¹	15,558	19,249	24,773	52,225	62,481	74,348	88,590	93,745
Gasoline	7,978	9,844	13,030	24,946	31,502	36,841	41,840	45,529
Jet fuel	633	1,100	1,372	2,935	3,702	4,229	5,359	5,720
Kerosene	375	431	372	736	791	828	893	797
Light fuel oil	2,896	3,306	4,408	9,761	11,298	13,554	17,509	17,664
Heavy oil	622	566	1,107	3,643	4,626	5,243	6,794	6,600
Liquefied refinery gases	703	1,136	1,153	3,026	2,910	3,604	4,501	4,823
Lubricating oils and greases	785	884	895	1,502	1,443	1,639	1,719	1,847
Unfinished oils and lubricating oils base stock	526	613	734	1,420	1,613	2,195	2,888	3,133
Asphalt	361	424	672	1,489	1,541	1,554	2,217	2,131
Other petroleum products, and refinery products	681	945	1,031	2,767	3,056	4,652	4,870	5,501
Paving mixtures and blocks	403	530	893	1,167	1,203	1,229	1,519	1,931
Asphalt felts and coatings	408	519	802	1,387	1,483	1,700	1,829	2,387
Lubricating oils and greases not made in refining	428	443	642	1,005	1,059	1,216	1,514	1,787
Other	69	80	139	204	253	351	495	498
Inventories, total ²	1,818	2,030	2,223	4,101	4,751	5,213	5,658	5,498
Petroleum refining	1,696	1,904	2,002	3,770	4,395	4,802	5,196	4,983

¹ Petroleum refining by product class. ² Includes lubricating oils and greases from purchased materials. Inventories as of end of reporting year.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977*, MC 77-1-29A, and *Annual Survey of Manufactures*.

NO. 1442. RUBBER—NEW SUPPLY, DISTRIBUTION, AND STOCKS: 1960 TO 1979

[In thousands of long tons. 1960 excludes Alaska and Hawaii, except for imports and exports, which also include Puerto Rico. Natural rubber refers to dry weights of all types, including liquid latex, guayule, etc. Synthetic comprises SBR (including weight of oil content), neoprene, butyl, and butadiene-acrylonitrile, all years; beginning 1965, also includes polyisobutylene, chlorosulfonated polyethylene, and polysulfide, silicone, acrylic, stereo, and fluorocarbon rubbers. Reclaimed comprises both natural and synthetic]

ITEM	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
New supply	2,150	2,581	3,042	3,177	3,340	3,547	3,285	2,826	3,332	3,557	3,772	3,821
Domestic production ¹	1,729	2,094	2,398	2,440	2,611	2,768	2,492	2,077	2,496	2,600	2,830	2,895
Synthetic	1,436	1,813	2,197	2,241	2,417	2,566	2,358	1,958	2,387	2,481	2,705	2,769
Imports ²	420	487	644	737	729	779	793	749	836	957	943	927
Natural	411	445	550	613	618	643	682	658	714	793	771	769
Distribution	2,203	2,657	3,001	3,183	3,410	3,584	3,344	2,956	3,222	3,618	3,773	3,845
Domestic consumption ²	1,835	2,326	2,677	2,871	3,121	3,268	3,039	2,706	2,919	3,343	3,471	3,409
Synthetic	1,078	1,540	1,918	2,093	2,292	2,402	2,175	1,933	2,138	2,433	2,559	2,541
Exports ²	368	331	324	312	289	316	305	250	303	275	302	437
Synthetic	342	282	299	282	265	295	284	226	281	252	284	416
Stocks, end of year ²	359	442	645	643	632	629	644	528	642	582	606	649

¹ Includes reclaimed and synthetic. ² Natural, synthetic and reclaimed.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-30A.

NO. 1443. MISCELLANEOUS PLASTICS PRODUCTS—VALUE OF SHIPMENTS: 1975 TO 1979

[In millions of dollars. Excludes all products specifically assigned as primary to other industries such as converted flexible packaging, boats, toys, sporting goods, luggage, etc., and captive production of plastics by companies who ship products other than those classified in SIC industry 3079]

PRODUCT	1975	1976	1977	1978	1979	PRODUCT	1975	1976	1977	1978	1979
Miscellaneous plastics products	15,533	18,679	23,879	27,165	30,829	Custom compounded purchased resins	352	447	700	868	1,018
Unsupported plastics film sheets, sheeting, rods, tubes, and other	2,701	3,318	3,978	4,590	5,294	Furniture components and furnishings	543	654	1,033	1,127	1,258
Laminated sheets, rods, and tubes	801	1,029	1,112	1,305	1,564	Packaging	2,051	2,369	2,730	3,063	3,698
Building and construction plastics products	1,339	1,628	2,696	3,006	3,473	Transportation	1,182	1,569	2,385	2,598	2,634
Regenerated cellulosic products, except rayon	473	574	389	357	354	Electrical and electronic	603	694	1,305	1,519	1,656
						Consumer, institutional and commercial fabricated plastics products	3,961	4,341	2,941	3,540	4,010

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-30D.

No. 1444. IRON AND STEEL INDUSTRY—SUMMARY: 1960 TO 1980

[Reporting companies in 1980 represented 89 percent of raw steel production of entire industry. Represents the steel production activity of reporting companies. The user should recognize that many of these companies produce and sell products and services other than those related to the steel industry; therefore the financial data reported represents the total operations of the steel companies]

ITEM	Unit	1960	1965	1970	1972	1975	1976	1977	1978	1979	1980
Steel mill products, apparent supply	Mil. tons ¹	71.5	100.6	97.1	106.6	89.0	101.1	108.4	116.6	115.0	95.2
Net shipments	Mil. tons ¹	71.1	92.7	90.8	91.8	80.0	89.4	91.1	97.9	100.3	83.9
Exports	Mil. tons ¹	3.0	2.5	7.1	2.9	3.0	2.6	2.0	2.4	2.8	4.1
Imports	Mil. tons ¹	3.4	10.4	13.4	17.7	12.0	14.3	19.3	21.1	17.5	15.5
Percent of total supply	Percent	4.7	10.3	13.8	16.6	13.5	14.1	17.8	18.1	15.2	16.3
Scrap consumed	Mil. tons ¹	52.1	69.8	69.3	71.1	62.8	68.4	69.3	76.3	77.2	67.2
Scrap produced	Mil. tons ¹	33.3	46.7	46.4	44.7	40.1	43.5	42.4	44.8	45.4	38.9
Scrap inventory	Mil. tons ¹	7.7	6.0	6.5	7.1	7.6	8.6	7.7	6.9	7.4	6.9
Iron and steel products:											
Exports	Mil. tons ¹	4.1	3.1	6.1	3.6	4.1	3.9	3.2	3.5	3.8	5.1
Imports	Mil. tons ¹	4.1	12.0	14.6	19.6	13.9	16.3	21.7	24.1	20.3	17.9
Revenues	Bil. dol.	14.2	18.0	19.3	22.6	33.7	36.5	39.7	49.5	55.7	55.0
Net income	Bil. dol.	.8	1.1	.5	.8	1.6	1.3	(2)	1.2	1.2	1.6
Stockholders' equity ²	Bil. dol.	10.5	12.0	13.0	13.7	16.2	17.2	18.0	17.7	18.1	19.1
Total assets	Bil. dol.	15.9	18.8	23.6	24.8	30.4	33.6	35.4	38.4	40.2	42.8
Net fixed assets	Bil. dol.	8.8	10.0	14.1	14.4	16.9	18.7	19.7	20.3	21.3	22.3
Capital expenditures	Bil. dol.	1.5	1.8	1.7	1.2	3.2	3.3	2.9	2.5	3.3	3.3
Working capital ratio	Ratio	2.6	2.4	1.9	1.9	2.0	1.9	1.8	1.8	1.7	1.7
Inventories	Bil. dol.	3.0	3.2	1.1	4.1	5.4	6.4	5.9	6.5	6.9	6.7
Average employment	1,000	572	584	531	478	457	454	452	449	453	399
Hours worked	Million	1,087	1,421	1,220	1,225	855	877	876	892	894	758
Index of output ³	1967 = 100	82	101	101	113	108	114	116	125	124	120

Z. Less than \$50 million. ¹ In millions of short tons. ² Prior to 1974, as of December 31; thereafter, as of January 1.

³ Index of output per work-hour, 1967 = 100.

Source: American Iron and Steel Institute, Washington, D.C., *Annual Statistical Report*. (Copyright.)

No. 1445. PIG IRON AND FERROALLOYS—SUMMARY: 1960 TO 1980

[In millions of short tons, except furnaces]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Blast furnaces, Jan. 1	263	239	228	216	206	199	198	193	179	169	176
Number in blast, Jan. 1	229	191	169	126	163	136	119	107	(NA)	(NA)	(NA)
Total production ¹	68.6	90.9	93.5	91.3	95.9	79.9	86.9	81.3	87.7	87.0	68.7
Basic	58.3	80.4	86.4	84.0	91.2	75.9	82.9	78.2	84.5	84.0	67.0
Bessemer ²	3.8	2.9	1.6	1.4	1.2	1.2	1.3	.4	.4	.2	.1
Foundry ³	2.2	2.3	2.3	2.0	1.5	1.3	1.5	1.6	1.9	1.5	.7
All other	4.4	5.2	3.2	4.0	2.0	1.5	1.2	1.1	.9	1.3	.9

NA Not available. ¹ Beginning 1974, includes blast furnace ferroalloys. ² Includes low phosphorus. ³ Includes ferrosilicon.

Source: American Iron and Steel Institute, Washington, D.C., *Annual Statistical Report*. (Copyright.)

No. 1446. RAW STEEL PRODUCTION: 1950 TO 1980

[In millions of net tons, except percent. See also *Historical Statistics, Colonial Times to 1970*, series P 265-269]

ITEM	1950	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
World production	207.9	379.7	503.1	654.2	768.6	782.8	712.0	745.6	741.8	790.6	824.5	741.8
U.S. production	98.8	99.3	131.5	131.5	150.8	145.7	116.6	128.0	125.3	137.0	138.3	111.8
Percent of world	46.6	26.0	26.2	20.1	19.6	18.6	16.4	17.2	16.9	17.3	16.5	14.1
Basic oxygen process	-	3.3	22.9	63.3	83.3	81.6	71.8	79.9	77.4	83.5	83.3	87.6
Electric	6.0	8.4	13.8	20.2	27.8	28.7	22.7	24.6	27.9	32.2	33.9	31.2
Open hearth ²	90.8	87.6	94.6	48.0	39.8	35.5	22.2	23.5	20.0	21.3	19.1	13.0
Carbon	88.3	90.9	116.7	117.4	132.7	128.6	100.4	112.0	108.1	116.9	116.2	94.7
Alloy and stainless	8.6	8.4	14.8	14.1	18.1	19.1	16.3	16.0	17.2	20.1	20.1	17.1

- Represents zero. ¹ Preliminary. ² Includes bessemer.

Source: American Iron and Steel Institute, Washington, D.C., *Annual Statistical Report*. (Copyright.)

No. 1447. STEEL PRODUCTS—NET SHIPMENTS, BY MARKET CLASSES: 1960 TO 1980

(In thousands of short tons. Comprises carbon, alloy, and stainless steel. "N.e.c." means not elsewhere classified)

MARKET CLASS	1960	1965	1970	1975	1976	1977	1978	1979	1980
Total¹	71,149	92,666	90,798	79,957	89,447	91,147	97,935	100,262	83,853
Automotive.....	14,610	20,123	14,475	15,214	21,351	21,490	21,253	18,821	12,124
Steel service centers, distributors.....	11,125	14,813	16,025	12,700	14,615	15,346	17,333	18,246	16,172
Construction, incl. maintenance.....	9,664	11,836	8,913	8,119	7,508	7,553	9,612	9,978	8,742
Containers, packaging, shipping.....	6,429	7,331	7,775	6,053	6,914	6,714	6,595	6,772	5,551
Cans and closures.....	4,976	5,867	6,239	4,859	5,290	5,173	4,950	4,994	4,163
Machinery, industrial equipment, tools.....	3,958	5,673	5,169	5,179	5,180	5,566	5,992	5,996	4,543
Steel for converting and processing.....	2,928	3,932	3,443	3,255	4,036	3,679	4,612	5,058	4,117
Rail transportation.....	2,525	3,805	3,098	3,152	3,056	3,238	3,549	4,111	3,155
Freight cars, passenger cars, locomotives.....	1,763	2,875	2,005	1,794	1,428	1,709	2,188	2,445	1,884
Rails and all others ²	762	930	1,093	1,358	1,628	1,529	1,361	1,666	1,271
Contractors' products.....	3,602	5,018	4,440	3,927	4,502	4,500	3,480	3,745	3,148
Oil and gas industries.....	1,759	1,936	3,550	4,171	2,653	3,650	4,140	3,739	5,371
Electrical equipment.....	2,078	2,985	2,594	2,173	2,671	2,639	2,811	2,819	2,441
Appliances, utensils, and cutlery.....	1,760	2,179	2,160	1,653	1,950	2,129	2,094	2,140	1,725
Other domestic commercial equipment.....	1,959	2,179	1,778	1,390	1,813	1,846	1,859	2,073	1,701
Exports (reporting companies only).....	2,563	2,078	5,985	1,755	1,839	1,076	1,224	2,007	2,595
Agricultural, incl. machinery.....	1,003	1,483	1,126	1,429	1,784	1,743	1,805	1,971	1,240
Independent forgers, n.e.c.....	841	1,250	1,048	1,098	952	998	1,192	1,254	933
Industrial fasteners ³	1,071	1,234	1,005	675	912	848	870	934	590
Shipbuilding and marine equipment.....	622	1,051	859	1,413	969	869	845	924	1,201
Mining, quarrying, and lumbering.....	288	392	497	596	536	486	508	569	454
Ordnance and other military.....	165	289	1,222	405	219	193	207	204	177
Aircraft and aerospace.....	78	94	56	69	59	63	60	60	53

¹ Total includes nonclassified shipments, and, beginning 1970, data include estimates for a relatively small number of companies which report raw steel production but not shipments. ² Includes railways, rapid transit systems, railroad rails, trackwork, and equipment. ³ Bolts, nuts, rivets, and screws.

Source: American Iron and Steel Institute, Washington, D.C., *Annual Statistical Report*. (Copyright.)

No. 1448. IRON AND STEEL—PRODUCER PRICE INDEXES: 1960 TO 1981

[1967=100]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981, May
Iron and steel, total.....	97.1	97.9	115.1	178.6	200.9	215.9	230.4	253.6	283.5	305.2	330.6
Steel mill products.....	96.4	97.5	114.2	170.0	197.2	209.8	229.9	254.5	280.4	302.7	332.0
Finished.....	96.3	97.5	114.2	170.0	196.6	209.0	229.0	253.5	279.5	301.2	330.9
Semifinished.....	97.1	98.3	112.2	169.0	206.7	223.1	243.6	270.5	294.3	325.6	349.7
Pig iron and ferroalloys.....	120.4	100.3	114.8	188.1	264.7	261.6	257.1	260.0	296.7	307.4	311.7
Iron ore.....	108.0	100.7	100.1	123.3	154.3	171.0	186.1	194.9	216.7	244.8	269.8
Scrap, iron and steel.....	110.2	112.6	138.8	353.2	245.6	259.0	231.2	264.6	341.9	328.1	348.3
Foundry and forge shop products.....	92.0	94.6	112.1	161.4	194.3	218.6	230.5	249.5	277.1	310.0	326.6

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 1449. FERROUS CASTINGS—SHIPMENTS: 1960 TO 1980

(In thousands of short tons. 1960 excludes Alaska and Hawaii. Data are based on a sample of foundries)

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980, prel.
Gray iron castings^{1 2 3}	11,594	15,713	13,945	15,661	13,328	15,103	16,014	16,124	15,402	11,799
Pressure pipe and fittings.....	1,336	1,876	1,691	1,957	1,360	1,414	1,553	1,690	1,546	1,396
Soil pipe and fittings.....	762	958	953	771	449	533	457	512	482	375
All other.....	9,476	12,879	11,301	12,933	11,499	13,156	13,904	13,922	13,374	10,028
Malleable iron castings¹	821	1,136	852	912	770	845	815	790	715	450
For sale.....	467	648	521	553	484	516	479	455	376	206
For own use.....	354	488	331	358	286	327	336	335	339	244
Standard malleable.....	632	827	628	669	534	570	572	542	496	312
Pearlitic malleable.....	189	309	224	243	236	275	243	248	219	138
Steel castings^{1 2}	1,392	1,961	1,724	2,091	2,026	1,893	1,667	1,857	2,039	1,678
Carbon.....	1,016	1,378	1,147	1,394	1,758	1,660	1,474	1,675	1,342	1,225
Alloy.....	376	583	577	697	268	233	193	182	697	653

¹ Beginning 1975, data not strictly comparable with earlier years. ² Includes shipments "for own use." ³ Includes ductile (nodular) iron castings.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series M33A.

NO. 1450. NONFERROUS CASTINGS—SHIPMENTS: 1960 TO 1980

[In millions of pounds. Shipments include "for own use." Data based on sample and subject to sampling variation; see text, p. 775]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980, prel.
Shipments, all types	2,201	3,437	3,033	3,211	2,534	3,157	3,281	3,327	3,253	2,432
Copper and copper-base alloy	760	889	751	671	619	549	580	580	617	489
Aluminum and aluminum-base alloy	775	1,409	1,506	1,759	1,375	1,845	2,009	2,008	2,081	1,538
Zinc and zinc-base alloy	623	1,065	696	693	572	691	613	574	491	346
Magnesium and magnesium-base alloy	24	32	34	49	32	39	49	45	28	24
Lead and lead-base alloy die ¹	21	42	45	39	36	32	31	40	36	35

¹ Excludes lead die casting for battery plates and parts.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series M33E.

NO. 1451. COPPER-BASE MILL AND FOUNDRY PRODUCTS—SHIPMENTS: 1960 TO 1979

[In millions of pounds, metal weight. 1960 excludes Alaska and Hawaii]

PRODUCT	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979, prel.
Total	4,298	6,288	5,640	7,195	6,196	4,639	5,512	5,980	6,266	6,683
Brass mill products	1,878	2,974	2,513	3,319	2,813	2,025	2,517	2,668	2,712	2,952
Alloyed ¹	1,128	1,711	1,542	2,060	1,816	1,324	1,643	1,726	1,750	1,876
Unalloyed	750	1,263	971	1,259	997	701	873	942	962	1,076
Copper wire mill products ²	1,521	2,177	2,329	3,032	2,647	2,056	2,383	2,667	2,911	3,048
Brass and bronze foundry products	862	1,075	751	780	667	512	547	583	580	617
Copper-base powder mill products	39	62	47	64	69	46	65	64	63	66

¹ Excludes webbing scrap (military ammunition cups and discs). ² Copper content.

Source: U.S. Bureau of the Census and U.S. Bureau of Industrial Economics, *Current Industrial Reports*, series ITA-9008, annual.

NO. 1452. ALUMINUM AND MAGNESIUM MILL PRODUCTS—NET SHIPMENTS: 1960 TO 1980

[In millions of pounds. 1960 excludes Alaska and Hawaii. Producers' net shipments consist of total shipments less shipments to other metal mills for further fabrication into other forms of mill products]

PRODUCT	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980, prel.
Aluminum mill products	3,049	5,692	7,358	10,461	7,427	9,706	10,442	11,346	11,241	10,455
Plate, sheet, and foil	1,637	3,019	4,247	6,374	4,664	6,346	6,846	7,285	7,205	6,689
Extruded shapes and tubing	937	1,719	1,823	2,384	1,643	2,141	2,396	2,509	2,426	2,192
Rolled structural shapes, rod, bar ¹	392	800	963	1,387	924	985	959	1,280	1,337	1,326
Powder, flake and paste	33	59	205	177	99	132	121	136	126	116
Forgings and impacts	50	95	120	138	97	100	121	136	147	132
Magnesium mill products	21	32	31	29	26	27	32	40	44	35

¹ Includes wire.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series M33-2 and MA33G.

NO. 1453. CIVILIAN FIREARMS—DOMESTIC PRODUCTION AND IMPORTS: 1960 TO 1980

[In thousands. Beginning 1973, fiscal-year data. Includes firearms sold under civilian marksmanship program of Department of Defense]

ITEM	1960	1965	1969	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total	2,163	3,121	6,180	(NA)	5,758	6,542	6,852	6,120	5,798	5,735	6,207	6,400
Domestic production	1,508	2,355	5,290	(NA)	4,844	5,639	5,768	5,225	5,016	4,866	5,321	5,646
Handguns	475	666	2,840	(NA)	1,734	1,715	2,024	1,833	1,868	1,889	2,124	2,371
Rifles	469	790	2,450	(NA)	1,830	2,099	2,123	2,081	1,923	1,781	1,878	1,936
Shotguns	564	899			1,280	1,825	1,621	1,301	1,225	1,196	1,319	1,339
Imports for consumption	655	766	890	826	914	903	1,084	895	782	869	886	754
Handguns	128	347	349	227	299	259	462	270	316	273	271	299
Rifles	402	245	207	237	195	188	166	157	170	223	257	182
Shotguns	125	174	334	363	420	456	457	468	296	373	358	273

NA Not available.

Source: 1960-1970, U.S. Bureau of the Census, *U.S. Imports, General and Consumption, Schedule A Commodity and Country*, FT 135, and National Commission on the Causes and Prevention of Violence, Task Force report, *Firearms and Violence in American Life*. Beginning 1973, U.S. Bureau of Alcohol, Tobacco, and Firearms, *Alcohol, Tobacco and Firearms, Summary Statistics*, Publication ATPP 1923.1.

NO. 1454. MACHINERY (EXCEPT ELECTRICAL)—VALUE OF SHIPMENTS: 1960 TO 1979

[In millions of dollars. "N.e.c." means not elsewhere classified. Based on sample; see Appendix III]

PRODUCT	1960	1970	1972	1975	1976	1977	1978	1979
Automatic merchandising machines ¹	185	266	306	225	306	396	469	487
Ball and roller bearings	836	1,295	1,419	2,046	2,195	2,445	2,795	3,156
Blowers and fans ¹	269	647	682	1,247	1,400	1,422	1,511	1,703
Commercial laundry and dry cleaning equipment ¹	120	204	185	184	202	234	282	304
Calculating and accounting machines ¹	(NA)	525	694	837	790	836	891	1,170
Electronic computing equipment ¹	(NA)	5,671	6,108	8,443	10,134	12,673	15,769	20,399
Carburetors, pistons, rings, and valves	(NA)	530	792	898	1,120	1,299	1,507	1,775
Chemical manufacturing industries machinery ¹	137	232	213	476	536	437	454	519
Commercial cooking and food warming equipment ¹	172	200	217	304	377	386	462	505
Construction machinery ¹	940	2,049	3,161	5,070	5,540	6,597	8,016	8,718
Conveyors and conveying equipment ¹	367	814	826	1,333	1,385	1,684	1,923	2,318
Elevators and moving stairways ¹	205	326	412	388	396	435	517	675
Farm machinery, except tractors ¹	1,449	3,065	2,928	5,316	5,907	6,912	7,357	8,944
Lawn and garden equipment ¹			1,143	1,558	1,676	1,747	2,118	2,704
Farm tractors, wheel-type, incl. attachments	511	915	1,215	2,374	2,514	2,637	2,524	3,094
Filters and strainers, industrial	(NA)	(NA)	275	559	575	630	741	871
Food products machinery ¹	462	823	867	1,411	1,394	1,576	1,955	2,052
Hoists, cranes, and monorails ¹	201	487	446	756	809	901	1,009	1,268
Industrial furnaces and ovens ¹	215	377	341	532	585	704	794	950
Industrial patterns, except shoe patterns	140	214	234	307	283	412	439	546
Industrial trucks and tractors ¹	389	890	1,005	1,302	1,341	1,800	2,266	2,797
Internal combustion engines ¹	1,215	2,762	3,353	5,191	6,138	7,548	9,064	9,624
Measuring, dispensing and lubricating pumps ¹	102	172	183	247	262	266	317	441
Machine tools, metal cutting types ¹	747	1,544	1,259	2,406	2,146	2,561	3,377	4,128
Machine tools, metal forming types ¹	379	735	670	1,026	1,051	1,115	1,358	1,835
Office machines, n.e.c. and typewriters ¹	456	978	1,047	1,334	1,563	2,020	2,422	2,756
Oil field machinery ¹	507	934	980	2,412	2,637	3,219	4,046	4,885
Packing, packaging, and bottling machinery ¹	(NA)	(NA)	232	383	391	491	674	554
Paper industries machinery ¹	348	455	381	761	773	698	799	1,017
Plastic working machinery and equipment ¹	91	349	434	444	554	670	823	939
Power-driven handtools ¹	254	523	725	772	878	1,497	1,694	1,911
Printing trades machinery ¹	350	657	737	940	1,006	1,287	1,536	1,746
Pumps and pumping equipment ¹	1,107	2,203	1,633	2,623	2,985	3,523	4,037	4,697
Refrigeration and heating equipment ¹	1,809	5,053	6,232	6,151	7,563	8,502	10,158	10,939
Rolling mill machinery ¹	240	299	248	433	470	361	334	407
Rubber working machinery ¹	90	171	137	163	173	158	163	163
Scales and balances, except laboratory ¹	66	153	182	268	299	329	422	443
Small cutting tools for machine tools	401	700	738	1,185	1,277	1,376	1,652	2,024
Special dies, tools, jigs, and fixtures	1,751	2,775	2,714	3,068	3,620	4,450	5,059	5,733
Turbines and turbine generator sets ¹	623	1,640	2,080	2,585	2,803	2,813	2,824	3,211
Textile machinery ¹	494	712	738	861	918	857	949	1,057
Tractor shovel loaders	286	581	811	1,280	1,141	1,537	1,926	2,077
Wheel tractors, contractors' off highway	65	205	252	381	300	454	568	580
Tracklaying tractors	270	479	564	1,128	1,061	1,165	1,421	1,358
Woodworking machinery ¹	176	341	340	637	756	547	646	675

NA Not available. ¹ Includes parts. ² Beginning 1974, excludes coin-operated washers and dryers with less than 10 lb. capacity. ³ Excludes tractors and tractor shovel loaders. ⁴ Excludes aircraft and gasoline automotive. ⁵ Represents machinery for food products. ⁶ Excludes tire molds.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972 and 1977*, and *Annual Survey of Manufactures*.

NO. 1455. AIR-CONDITIONING AND REFRIGERATION—SHIPMENTS: 1965 TO 1979

[See *Historical Statistics, Colonial Times to 1970*, series P 280, for room air-conditioners]

PRODUCT	NUMBER (1,000)					VALUE (mil. dol.)				
	1965	1970	1975	1978	1979	1965	1970	1975	1978	1979
Centrifugal-refrigeration systems	3	4	5	(D)	(D)	63	106	161	(D)	(D)
Compressors and compressor units ¹	8,526	14,653	15,034	25,789	(D)	333	628	840	1,690	(D)
Condensing units ¹	589	485	335	537	498	69	72	92	172	180
Air-cooled	563	461	321	519	480	55	56	75	135	139
Heat-transfer equipment	(NA)	(NA)	657	657	867	217	360	254	357	427
Ice-making machines	87	103	126	194	201	43	58	88	168	179
Room air-conditioners	2,866	5,365	2,648	4,030	3,756	383	776	464	671	854
Unitary air-conditioners	637	1,459	1,581	3,227	3,061	425	755	923	1,962	2,136
Heat pumps	72	88	160	618	647	35	43	88	371	419

D Withheld to avoid disclosing figures for individual companies. NA Not available. ¹ Excludes units for ammonia refrigerants.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-35M.

NO. 1456. ELECTRICAL MACHINERY AND PRODUCTS SHIPMENTS: 1960 TO 1979

(In millions of dollars. All figures based on sample and subject to sampling variability. "N.e.c." means not elsewhere classified)

PRODUCT	1960	1965	1970	1972	1975	1976	1977	1978	1979, prel.
Batteries.....	558	831	1,056	1,270	1,747	2,110	2,535	2,938	3,286
Primary, dry and wet.....	153	221	290	317	456	606	624	740	767
Storage.....	405	610	766	953	1,291	1,504	1,911	2,198	2,519
Carbon and graphite products.....	187	277	357	336	568	604	663	801	1,032
Cathode ray picture tubes.....	213	432	458	634	514	605	604	722	771
Coils, transformers, reactors, and chokes.....	215	367	389	385	489	539	606	633	798
Communications equipment.....	2,028	3,098	5,444	5,529	7,941	8,572	11,031	12,499	14,861
Telephone and telegraph apparatus.....	1,431	1,953	3,575	3,974	4,734	5,132	7,119	8,003	9,677
Broadcast, studio, and related equipment.....	597	1,145	1,869	1,555	469	560	568	707	902
Communication equipment, excluding broadcast..					2,739	2,880	3,344	3,789	4,282
Connectors for electronic applications.....	(NA)	2,276	3,134	524	839	838	986	1,322	1,683
Current carrying wiring devices.....	622	644	983	1,207	1,240	1,641	1,825	2,024	2,561
Electric housewares and fans.....	598	1,002	1,261	1,448	1,687	1,979	2,304	2,372	2,730
Electronic components and subassemblies, n.e.c....	(NA)	(1)	(1)	3,210	3,445	4,262	5,574	6,827	8,611
Engine electrical equipment.....	772	1,059	1,437	1,781	2,050	2,649	3,049	3,432	3,424
General industry power circuit devices.....	567	825	1,154	1,246	1,874	2,013	2,429	2,997	3,464
Household appliances, n.e.c.....	350	479	623	825	920	1,103	1,383	1,490	1,702
Household cooking equipment.....	469	624	811	1,027	1,101	1,514	1,807	2,089	2,212
Household laundry equipment *.....	695	871	1,024	1,290	1,255	1,445	1,697	1,782	1,883
Household refrigerators and freezers.....	805	960	1,220	1,419	1,611	1,579	2,006	2,045	2,314
Household vacuum cleaners.....	2 3 161	221	328	439	544	654	710	758	860
Intercommunication equipment.....	184	197	253	336	563	606	852	874	1,114
Lamp bulbs.....	490	643	885	1,069	1,225	1,477	1,630	1,894	2,143
Lighting fixtures.....	4 849	1,313	1 796	2 276	2 366	2 738	3 230	3 852	4 225
Residential.....	255	400	537	746	640	782	875	1,107	1,171
Commercial and institutional.....	227	337	466	527	577	638	654	745	854
Motors and generators.....	1,508	1,936	2,478	2,636	3,677	4,129	4,976	5,860	6,436
Noncurrent carrying wiring devices.....	360	536	700	833	1,074	1,171	1,316	1,574	1,966
Radio and TV receiving sets *.....	1,641	2,984	2,966	3,589	3,545	4,143	4,731	5,484	5,489
Radios, home, portable, and automotive.....	415	698	618	754	676	824	812	916	920
Television receivers.....	775	1,687	1,756	2,149	1,924	2,225	2,451	2,802	2,975
Records, record blanks, and prerecorded tapes.....	149	198	402	537	649	742	1,139	1,486	1,100
Resistors for electronic applications.....	212	370	348	438	466	618	583	612	717
Semiconductors and related devices.....	(5)	839	1,582	2,361	3,038	4,079	4,532	5,615	7,356
Sewing machines.....	130	114	126	152	204	258	260	272	323
Switchgear and switchboard apparatus.....	899	1,269	1,849	2,059	2,509	2,662	3,298	3,682	4,075
Transformers.....	725	891	1,378	1,438	1,769	1,821	2,118	2,371	2,538
Welding apparatus, electric.....	283	433	470	570	908	870	1,035	1,205	1,349
X-ray and electromedical equipment.....	88	121	235	383	740	820	1,838	1,958	2,883

NA Not available. S Withheld because data did not meet publication standards. ¹ Data for "Electronic components and subassemblies" included with "Connectors for electronic applications". ² Beginning 1975, includes coin-operated washers and dryers with less than 10-lb. capacity. ³ Includes commercial and industrial vacuum cleaners. ⁴ Includes items not shown separately.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1962 and 1977*, and *Annual Survey of Manufactures*.

NO. 1457. ELECTRONIC COMPUTING EQUIPMENT INDUSTRY—SUMMARY: 1972 TO 1979

(In millions of dollars, except as indicated. Data for the noncensus years (all years except 1972 and 1977) are based on sample surveys and are therefore subject to sampling errors. See source for further detail)

ITEM	1972	1973	1974	1975	1976	1977	1978	1979, prel.
Employment, total (1,000).....	144.8	155.3	176.7	162.5	165.7	192.7	232.1	273.4
Salaries and wages.....	1,668	1,873	2,222	2,292	2,451	3,004	3,814	4,768
Production workers (1,000).....	64.7	74.9	86.8	73.8	71.3	85.5	102.9	121.6
Work-hours (million).....	130.6	151.4	173.0	145.9	144.0	172.4	202.3	243.2
Workers wages.....	547	660	795	731	707	978	1,267	1,540
Value added.....	3,498	4,238	5,205	4,960	6,108	7,624	9,628	12,458
Supplemental labor cost.....	205	237	312	343	399	528	696	802
Cost of materials.....	2,981	3,461	4,164	3,705	4,380	5,701	7,519	9,879
Value of shipments.....	5,471	7,423	9,122	8,560	10,388	12,924	16,558	21,440
New expenditures.....	213	207	296	292	373	652	1,101	1,524
Inventories.....	1,574	2,005	2,478	2,264	2,294	3,008	3,989	5,522
Assets, total.....	1,896	1,857	2,085	2,232	2,353	3,042	4,076	5,196
Ratio of:								
Cost of materials, supplemental labor cost, and salaries and wages to value of shipments.....	.750	.753	.753	.741	.696	.714	.727	.730
Cost of materials to value of shipments.....	.461	.469	.457	.433	.422	.441	.454	.465
Value added to value of shipments.....	.540	.571	.571	.548	.588	.590	.581	.581
Value added to work-hours.....	26.78	27.99	30.09	32.15	42.42	44.22	47.59	51.23

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972 and 1977*, and *Annual Survey of Manufactures*.

No. 1458. ELECTRONIC COMPONENTS AND ACCESSORIES INDUSTRY—SUMMARY: 1972 TO 1979

[In millions of dollars, except as indicated. See headnote, table 1457]

ITEM	1972	1973	1974	1975	1976	1977	1978	1979
Employment, total (1,000).....	336.0	394.8	381.7	302.3	323.0	373.5	412.3	467.6
Salaries and wages.....	2,870	3,474	3,686	3,358	3,763	4,557	5,294	6,461
Production workers (1,000).....	233.9	283.2	266.3	197.6	218.8	257.9	286.7	324.5
Workers wages.....	1,560	1,971	1,974	1,705	1,964	2,457	2,887	3,484
Value added.....	5,306	6,596	6,963	5,984	7,568	9,260	10,981	14,232
Supplemental labor cost.....	388	481	571	538	669	811	998	1,232
Cost of materials.....	3,468	4,437	4,635	3,984	5,008	6,390	7,210	9,206
Value of shipments.....	8,826	10,783	11,301	10,089	12,433	15,390	17,912	22,708
New expenditures.....	344	629	785	536	651	783	1,119	1,122
Inventories.....	1,495	1,965	2,286	2,050	2,320	2,773	3,275	4,376
Assets, total.....	3,701	4,083	4,469	4,668	5,228	6,026	6,984	8,142
Rents, total.....	66	81	97	108	112	107	115	145
Ratio of:								
Cost of materials to value of shipments.....	.393	.411	.410	.395	.403	.415	.403	.405
Value added to value of shipments.....	.601	.512	.616	.593	.609	.602	.613	.627

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972 and 1977*, and *Annual Survey of Manufactures*.

No. 1459. ELECTRONIC COMPONENTS—FACTORY SALES: 1970 TO 1980

[In millions of dollars]

SALES	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Total	6,205	5,774	6,894	9,906	10,403	9,286	10,884	13,033	16,440	20,644	25,364
Active components.....	2,369	2,251	2,725	4,094	4,310	3,651	4,666	5,154	6,301	8,201	10,181
Electron tubes.....	1,076	1,094	1,258	1,338	1,196	1,071	1,233	1,296	1,451	1,586	1,782
TV tubes.....	482	533	651	722	813	499	637	638	732	739	959
Solid state products (semiconductors).....	1,293	1,157	1,467	2,756	3,114	2,580	3,433	3,858	4,850	6,615	8,399
Integrated circuits.....	524	534	718	1,421	1,767	1,458	2,032	2,464	3,261	4,671	6,357
Transistors ¹	352	303	359	634	668	522	621	631	670	792	806
Diodes and rectifiers.....	378	279	314	391	438	328	390	369	457	557	613
Other.....	59	41	76	310	241	271	390	369	462	595	623
Passive components.....	1,133	1,089	1,184	1,594	1,726	1,438	1,589	1,842	2,137	2,599	3,045
Capacitors.....	483	436	438	612	676	470	608	744	897	1,050	1,299
Resistors.....	365	359	411	537	514	447	449	477	504	647	853
Coils and transformers.....	285	274	335	445	536	489	485	560	654	791	975
Passive networks.....	(NA)	(NA)	(NA)	(NA)	(NA)	32	47	81	82	111	118
Other components ²	2,703	2,455	2,985	4,218	4,367	4,197	4,629	6,037	8,002	9,844	12,138
R. & D. expenditures ³	571	483	455	485	586	501	427	598	622	750	(NA)

NA Not available. ¹ Includes dual transistors for 1970 through 1973. ² Estimated. ³ Includes electronic connectors and other electronic components not elsewhere classified. ⁴ Electronic research and development, test and evaluation (receipts or billings not reported as shipments of specific products). Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA36N, annual.

Source: Except as noted, Electronic Industries Association, Washington, D.C., *Electronic Market Data Book*, 1981 edition (copyright).

No. 1460. TRANSPORTATION EQUIPMENT—VALUE OF SHIPMENTS: 1960 TO 1979

[In millions of dollars. "N.e.c." means not elsewhere classified]

TYPE OF EQUIPMENT	1960	1965	1970	1972	1975	1976	1977	1978	1979, prel.
Aircraft ^{1,2}	4,653	5,277	8,722	7,538	10,881	11,723	12,053	13,610	18,925
Complete aircraft, military.....	2,395	2,657	3,833	2,803	4,017	4,671	4,580	3,719	4,430
Complete aircraft, personal and utility.....	1,270	1,337	3,176	474	1,003	1,204	2,034	6,372	10,883
Complete aircraft, except personal and utility.....	1,076	1,275	1,713	2,767	3,653	3,355	2,672		
Aircraft engines and engine parts.....	2,779	3,871	4,594	3,070	4,488	4,928	4,995	6,028	7,884
Aircraft equipment, n.e.c.....	3,966	3,883	5,273	3,437	4,842	5,102	5,762	6,456	8,052
Boat building and repairing.....	331	423	644	1,031	1,290	1,571	1,822	2,103	2,238
Motor homes built on purchased chassis.....	(NA)	(NA)	(NA)	(NA)	(NA)	1,495	2,005	982	
Motor vehicles and car bodies ¹	16,739	26,310	26,811	41,046	43,394	59,753	72,979	80,551	80,133
Passenger cars and car chassis.....	14,009	21,852	19,391	29,246	28,883	39,746	47,793	50,815	50,306
Trucks, truck tractors, and truck chassis.....	2,573	4,289	5,734	9,586	11,872	16,597	21,544	25,830	25,640
Motor vehicle parts and accessories.....	12,273	18,875	13,189	19,417	23,023	30,385	37,842	42,952	42,906
Motorcycles, bicycles, and parts.....	123	226	395	541	705	688	847	1,001	1,112
Railroad equipment.....	1,087	2,027	(b)	2,284	3,885	3,336	4,002	5,207	7,313
Ship building and repairing ^{1,3}	1,216	1,916	2,594	3,201	5,513	5,833	6,270	6,688	7,468
Self-propelled ships, military (new).....	406	742	1,086	1,100	1,768	1,957	2,212	2,282	2,512
Self-propelled ships, nonmilitary (new).....	351	282	514	616	1,806	1,825	1,917	1,861	1,890
Travel trailers and campers.....	(NA)	(NA)	(NA)	1,277	1,083	1,356	1,478	1,539	1,088
Truck and bus bodies.....	(NA)	(NA)	(NA)	(NA)	(NA)	1,881	2,165	2,297	
Truck trailers.....	(NA)	671	765	1,079	878	1,250	1,807	2,390	2,935

D Withheld to avoid disclosure. NA Not available. ¹ Includes data for products not shown separately. ² See table 1131 for number of civil aircraft shipments. ³ Value of work done. ⁴ Includes combat vehicles.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972 and 1977*, and *Annual Survey of Manufactures*.

**NO. 1461. HOME APPLIANCES AND HOME AND AUTO ELECTRONICS—SHIPMENTS AND RETAIL VALUE:
1970 TO 1980**

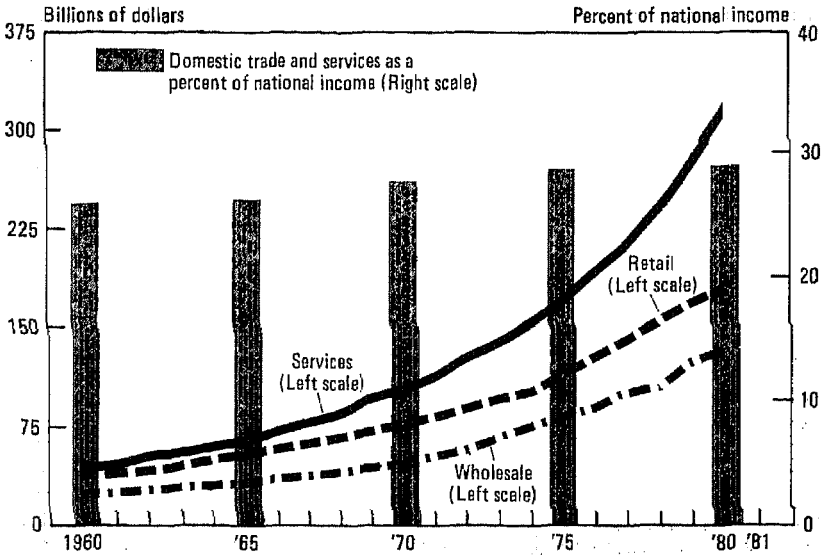
[Compiled from reports of associations and manufacturers. Except as indicated, covers electric appliances only]

PRODUCT	MANUFACTURERS SHIPMENTS (1,000 units)					RETAIL VALUE (mil. dol.)				
	1970	1975	1978	1979	1980	1970	1975	1978	1979	1980
Major appliances	29,052	27,851	36,447	35,965	32,768	6,146	7,258	12,515	12,647	12,310
Air treatment ¹	6,485	3,292	4,709	4,680	4,129	1,254	755	1,459	1,512	1,379
Air conditioners	5,887	2,670	4,037	3,749	3,187	1,207	641	1,312	1,327	1,186
Dehumidifiers	598	392	441	684	718	47	37	62	98	111
Kitchen appliances ²	15,492	16,864	22,268	21,989	20,126	3,410	4,337	8,197	8,227	8,102
Dishwashers	2,116	2,702	3,557	3,488	2,712	466	697	1,082	1,138	959
Disposers, food waste	1,977	2,080	3,313	3,316	2,885	129	187	285	295	277
Freezers (10 cu. ft. and over)	1,359	2,457	1,522	1,859	1,715	302	600	499	699	731
Microwave ovens	30	840	2,422	2,815	3,585	15	337	1,142	1,311	1,612
Ranges, electric	2,362	2,082	3,218	3,003	2,544	540	513	1,132	1,152	1,048
Ranges, gas	2,362	1,618	1,797	1,794	1,534	510	383	619	643	583
Ranges, smooth top	(X)	275	249	220	155	(X)	144	138	139	93
Refrigerators (6.5 cu. ft. and over)	5,266	4,577	5,890	5,701	5,173	1,448	1,423	3,228	3,187	3,093
Trash compactors	(X)	233	300	293	234	(X)	52	72	74	61
Home laundry	7,075	6,658	8,120	7,999	7,187	1,482	1,965	2,575	2,612	2,500
Dryers	2,981	2,680	3,392	3,333	2,933	525	672	864	906	858
Washers	4,094	3,978	4,728	4,666	4,254	957	1,293	1,711	1,706	1,642
Compact appliances	(X)	1,037	1,350	1,297	1,326	(X)	201	284	296	328
Kitchen electrics ¹	50,640	57,486	73,217	76,825	78,783	949	1,295	1,841	2,032	2,191
Blenders	5,100	4,000	5,660	5,025	4,673	128	92	113	106	103
Broilers	2,605	2,006	2,280	2,423	2,518	71	66	99	119	133
Coffeemakers	8,100	10,656	10,500	12,104	12,857	130	242	265	298	338
Corn poppers	2,300	2,430	3,600	5,280	5,543	23	29	65	130	141
Food processors	(X)	(X)	2,000	3,000	3,180	(X)	(X)	120	183	204
Frypan-skillets	3,200	2,611	2,600	2,709	2,736	93	89	94	103	109
Griddles/quick grills	500	640	646	661	628	13	18	18	21	21
Irons	9,275	7,883	10,451	10,340	11,184	159	187	298	287	317
Mixers	4,675	4,477	5,175	5,568	5,826	90	106	132	156	160
Slow cookers	(X)	6,500	6,700	5,641	5,585	(X)	156	141	107	112
Toasters	5,975	6,204	8,100	8,916	9,291	108	144	220	252	268
Waffle irons/sandwich grills	1,025	1,028	1,058	1,119	1,141	19	20	19	25	27
Fans	9,875	9,238	10,515	12,449	12,930	283	238	285	485	532
Portable electric heaters	2,835	2,990	4,467	4,437	3,319	70	70	123	138	109
Floor care ¹	8,538	9,120	10,885	10,734	10,255	548	689	1,136	1,208	1,212
Floor polishers	1,156	530	520	512	451	46	19	23	27	25
Vacuum cleaners	7,382	7,650	8,965	8,922	8,400	502	657	1,091	1,155	1,157
Personal care ¹	25,100	36,495	49,542	57,172	59,531	477	707	933	1,018	1,121
Bed covering	4,050	4,032	4,900	5,125	5,586	81	89	127	144	173
Hair dryers	6,100	10,496	18,970	18,488	18,665	146	242	354	313	317
Hair setters	5,500	2,033	1,989	2,382	2,735	121	37	41	52	59
Heating pads	3,900	3,500	3,940	4,100	4,389	23	32	35	37	44
Oral hygiene devices	2,850	1,602	1,540	1,650	1,656	46	23	25	28	31
Power mowers	(NA)	5,670	6,315	6,814	6,456	(NA)	(NA)	1,261	2,260	2,297
Home and auto electronics:										
Televisions	9,368	11,453	16,300	16,074	16,127	3,090	3,800	5,694	5,300	5,542
Black and white	4,546	4,968	6,064	5,281	6,149	611	529	701	682	685
Color	4,822	6,485	10,236	9,793	9,978	2,479	3,271	4,993	4,618	4,857
Videocassette recorders	(X)	(X)	402	478	804	(X)	(X)	356	431	700
Components, hifi	(NA)	10,105	13,190	14,562	14,700	(NA)	1,017	1,497	1,705	1,772
Compact hifi systems	(NA)	3,491	4,474	4,341	3,851	(NA)	681	983	939	813
Portable tape player/recorder	(NA)	10,240	13,198	13,565	14,884	(NA)	487	681	693	818
Tape decks	(NA)	466	650	675	716	(NA)	133	182	184	178
Radios	34,049	25,276	32,478	28,550	27,012	682	615	1,056	919	868
Autosound	(NA)	6,484	8,855	9,130	8,197	(NA)	540	888	1,081	968
CB radios	(NA)	4,500	4,736	1,590	1,412	(NA)	816	393	130	112
Blank tape	(NA)	203,844	268,500	244,753	260,063	(NA)	349	805	687	852
Audio	(NA)	(NA)	263,000	234,786	244,747	(NA)	(NA)	710	511	595
Video	(NA)	(NA)	5,500	9,967	15,316	(NA)	(NA)	95	176	258
Calculators	(NA)	18,350	23,341	25,380	26,502	(NA)	1,153	915	843	841
Hand-held	(NA)	16,050	20,111	21,317	22,288	(NA)	613	495	425	420
Desk top	(NA)	2,300	3,230	4,063	4,214	(NA)	540	420	418	422
Digital watches	(NA)	4,200	17,750	19,717	21,163	(NA)	319	643	649	623

NA Not available. X Not applicable. ¹ Includes products not shown separately. ² Excludes duplication of microwave and smooth top range combinations.

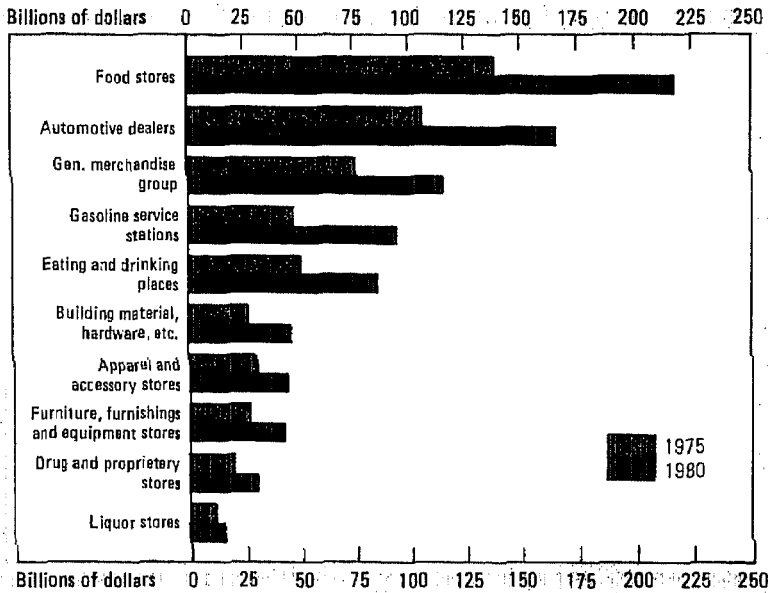
Source: Gralla Publications, Inc., New York, N.Y., *Merchandising*, 59th Annual Statistical and Marketing Report.

Figure 30.1
**National Income Originating in Domestic Trade and Services:
1960 to 1980**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1462.

Figure 30.2
Retail Sales, by Kind of Business: 1975 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1466.



Section 30

Domestic Trade and Services

This section presents statistics relating to the distributive trade and service industries. Data shown for the trades, classified by kind of business, and for the various categories of services (e.g., personal, business, repair, hotel) cover sales or receipts, establishments, employees, payrolls, and other items. Also included are data for franchised businesses.

The principal sources of these data are census reports and survey reports of the Bureau of the Census. Data on national income originating in trade and services appear in the monthly *Survey of Current Business*, issued by the Bureau of Economic Analysis. Financial data for firms engaged in retail, wholesale, or service activities appear in the annual *Statistics of Income*, published by the Internal Revenue Service.

Censuses.—Censuses of retail trade, wholesale trade, and the service industries have been taken at various intervals since 1929. Beginning with the 1967 Census, legislation provides for a census to be conducted every 5 years (for years ending in "2" and "7").

The establishments covered in the censuses and surveys of business are classified into 3 groups as defined in the *Standard Industrial Classification Manual, 1972* (see text, page 376). *Retail trade* refers to places of business primarily engaged in selling merchandise for personal or household consumption; *wholesale trade*, to establishments primarily engaged in selling goods to dealers and distributors for resale or to purchasers who buy for business and farm uses; and *services*, to establishments primarily engaged in providing a wide range of services for individuals and for business.

Prior to 1977, the censuses excluded health services (except dental laboratories), educational services, social services, membership organizations, and others performing a professional or scientific service (except engineering, architectural, and surveying services). These were covered in the 1977 Census of Service Industries. In addition, in 1977, the distinction between taxable and tax exempt establishments was made for all service industries. Table 1491 provides data for 1977 for all tax-exempt establishments with payroll in the service industry, by kind of operation, as well as data on taxable establishments in industries covered for the first time in the 1977 Census. (See footnote 5, table 1489, for industries which for the first time in 1977, are divided between taxable and tax-exempt establishments.) For comparability, other tables presented are for only those service industries covered in the 1972 Census of Selected Services. Still excluded in the censuses are religious organizations, public utilities, and Government-operated enterprises except wholesale and retail liquor operations.

Data from the 1958 Census exclude retail and service nonemployer establishments which had receipts of less than \$2,500 and \$1,000, respectively. Beginning with the 1963 Census, nonemployer establishments which did not operate the entire year were included if, during the period they operated, their receipts were at a rate which would have reached the annual totals specified had they operated the entire year. Wholesale trade establishments with no paid employment are excluded. Beginning in 1977, nonemployer direct sellers were excluded in the Census of Retail Trade. Also beginning in 1977, these censuses excluded sales taxes and finance charges in their report of sales (or receipts) figures.

Current surveys.—Current sample surveys conducted by the Bureau of the Census cover various aspects of the retail and wholesale trades and selected service industries. Its *Monthly Retail Trade Report* contains monthly estimates of sales, inventories, and sales of organizations operating 11 or more retail stores (see table 1468), for the United States, by kind of business. In addition, monthly retail sales data for census regions and divisions, 19 large States, and 28 large standard metropolitan statistical areas are included, as well as data on the number of department stores and the monthly sales of these stores in 243 selected areas. Annual figures on sales, sales ratios, inventories, and yearend inventories, by kind of business, appear in the *Annual Retail Trade Report*.

Statistics from the Bureau's monthly wholesale trade survey include national estimates of merchant wholesalers' sales, inventories, and stock-sales ratios by kind of business, as well as sales and inventory trends by kind of business and by geographic divisions. Monthly sales estimates are also shown by geographic divisions for the summary groups—durable and nondurable goods wholesalers and all wholesalers combined. These data, based on reports submitted by a sample of firms, appear in the *Monthly Wholesale Trade Report*. Annual figures on sales, sales-inventory ratios, and year-end inventories by kind of business appear in the *Annual Wholesale Trade Report*.

The *Monthly Selected Services Receipts Report* provides monthly estimates of receipts for major kind-of-business groups and professions and kind-of-business categories for the United States as a whole.

For the current sample survey programs, retail trade coverage is the same as for the census; wholesale trade coverage is limited to merchant wholesalers; and selected services coverage is less inclusive than the census.

Estimates obtained from annual and monthly surveys are based on sample data and are not expected to agree exactly with results that would be obtained from a complete census of all establishments. Data include estimates for establishments not reporting.

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

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

NO. 1462. NATIONAL INCOME ORIGINATING IN DOMESTIC TRADE AND SERVICE INDUSTRIES: 1950 TO 1979

[In billions of dollars, except percent. Prior to 1960, excludes Alaska and Hawaii. Data unadjusted for capital consumption and represent net value added at factor costs. Data based on 1972 Standard Industrial Classification. See *Historical Statistics, Colonial Times to 1970*, series T 1-14, for single-year data prior to minor revisions issued in 1977]

INDUSTRY	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978	1979
National income, total.....	244.0	335.9	420.8	571.1	814.8	1,176.8	1,267.4	1,413.0	1,582.6	1,787.8	2,014.3
Wholesale and retail trade.....	41.0	52.3	64.6	84.9	123.5	175.5	195.3	215.3	239.0	262.7	290.8
Percent of total national											
income.....	16.8	15.6	15.4	14.9	15.2	14.9	15.4	15.3	15.1	14.7	14.4
Wholesale trade.....	14.2	18.9	24.7	32.1	46.9	74.7	81.1	87.6	97.8	107.0	121.8
Retail trade.....	26.8	33.4	40.0	52.8	76.6	100.8	114.2	127.7	141.3	155.7	168.9
Services.....	21.7	31.1	44.7	64.3	104.1	151.7	168.7	188.7	212.4	240.3	276.2
Percent of total national											
income.....	8.9	9.3	10.7	11.3	12.8	13.0	13.5	13.5	13.7	13.9	14.0
Hotels and other lodging											
places.....	1.4	1.7	2.0	2.8	4.5	6.2	7.0	8.0	9.0	10.7	12.3
Personal services.....	3.0	3.7	4.6	6.0	7.6	8.3	8.6	9.4	10.4	11.6	12.7
Miscellaneous business											
services.....	1.8	3.1	5.4	8.9	15.0	22.0	24.0	27.8	32.3	38.2	45.9
Auto repair, services, and											
garages.....	.9	1.2	1.7	2.4	3.7	5.5	6.2	7.0	8.0	9.5	11.0
Miscellaneous repair											
services.....	.7	.9	1.1	1.5	2.2	3.4	3.6	3.9	4.5	5.3	6.1
Motion pictures.....	.9	1.0	.9	1.2	1.7	1.8	1.9	2.5	2.9	3.4	3.9
Amusement and recreation											
services.....	.8	1.1	1.7	2.2	3.2	4.6	5.2	5.9	6.7	7.4	8.1
Medical and other health											
services.....	4.4	7.1	10.7	15.8	29.4	46.4	54.1	60.8	68.6	75.4	86.9
Legal services.....	1.3	1.9	2.7	4.2	6.7	10.7	11.5	12.7	14.5	16.1	18.1
Educational services.....	1.0	1.3	2.2	3.7	7.0	10.3	11.0	11.4	11.8	12.8	14.1
Nonprofit membership											
organization ¹	1.9	2.8	4.5	6.4	10.0	14.0	15.6	16.8	18.3	20.5	22.7
Miscellaneous professional											
services.....	1.1	2.1	3.4	5.2	8.8	13.9	15.4	17.0	19.6	23.2	27.0
Private households.....	2.6	3.1	3.8	4.0	4.5	4.6	4.6	5.4	5.9	6.2	6.4

¹ Includes social services.

Source: U.S. Bureau of Economic Analysis. *The National Income and Product Accounts of the United States, 1929-76*, and *1976-79, and Survey of Current Business*, July 1981.

NO. 1463. PERSONS IN DOMESTIC TRADE AND SERVICE INDUSTRIES: 1950 TO 1979

[In thousands. Prior to 1960, excludes Alaska and Hawaii. Data represent worker years of full-time equivalent employment by persons working for wages or salaries and by active partners and proprietors of unincorporated businesses. Based on 1972 Standard Industrial Classification. See *Historical Statistics, Colonial Times to 1970*, series T 15-28, for single year data prior to minor revisions issued in 1981]

INDUSTRY	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979
Wholesale and retail.....	10,764	11,714	12,429	13,109	14,764	16,230	16,800	17,518	18,450	19,052
Wholesale trade	2,814	3,157	3,410	3,633	4,105	4,482	4,647	4,785	5,017	5,284
Retail trade	7,950	8,557	9,019	9,476	10,659	11,748	12,153	12,733	13,433	13,768
Services	7,893	8,352	9,761	11,213	13,250	15,185	15,744	16,571	17,355	18,249
Hotels and other lodging.....	605	632	688	829	993	1,097	1,100	1,161	1,188	1,215
Personal services.....	1,207	1,165	1,215	1,306	1,323	1,135	1,167	1,193	1,220	1,251
Misc. business services.....	394	540	815	1,155	1,655	2,024	2,144	2,317	2,586	2,847
Auto repair, services, garages.....	310	308	385	440	494	598	635	674	730	781
Misc. repair services.....	248	252	262	292	312	388	390	412	426	465
Motion pictures	224	192	182	159	180	211	217	231	238	247
Amusement, recreational services.....	282	272	308	340	397	508	541	569	604	629
Medical, other health services	1,217	1,448	1,763	2,101	2,878	4,046	4,219	4,493	4,816	4,864
Legal services.....	234	248	297	330	385	465	498	541	575	612
Educational services.....	473	504	621	792	998	1,184	1,185	1,204	1,200	1,239
Nonprofit member organizations ¹	797	886	1,217	1,477	1,756	1,856	1,898	1,924	2,019	2,108
Misc. professional services.....	252	357	431	516	726	987	936	1,008	1,112	1,202
Private households.....	1,710	1,548	1,587	1,476	1,153	786	814	844	841	789

¹ Includes social services.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*; and *Survey of Current Business*, July 1981.

NO. 1464. RETAIL TRADE—SUMMARY: 1948 TO 1977

[Prior to 1958 and as noted, excludes Alaska and Hawaii. 1972 and 1977 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 43-47 and T 79-91]

ITEM	Unit	1948	1954	1958	1963	1967	1972	1977
Firms, total.....	1,000.....	(NA)	(NA)	(NA)	1,532	1,577	1,865	1,567
Multunit establishments ¹	1,000.....	163	167	² 183	220	220	291	332
Establishments, total.....	1,000.....	1,770	1,722	1,795	1,708	1,763	1,780	1,855
With payroll.....	1,000.....	1,119	1,124	1,185	1,206	1,192	1,265	1,304
With sales of \$1,000,000 or more.....	1,000.....	(NA)	(NA)	(NA)	(NA)	(NA)	74	118
Consumer price index: ³								
All items.....	1972=100..	57.5	64.2	69.1	73.2	79.8	100.0	144.9
All commodities.....	1972=100..	68.5	71.1	74.9	77.4	82.7	100.0	144.5
Sales.....	Bil. dol.....	130.5	170.0	200.4	244.2	310.2	457.4	723.1
By establishments with payroll.....	Bil. dol.....	118.4	157.9	187.8	233.1	295.2	440.2	699.8
By multunit establishments ¹	Bil. dol.....	38.7	51.2	² 67.2	89.5	123.5	201.8	340.7
Percent of total sales.....	Percent.....	29.6	30.1	33.5	36.6	39.8	44.0	47.1
Percent of multunit sales by 101-or-more establishment multunits ¹	Percent.....	41.6	41.8	42.4	43.1	46.7	55.8	55.8
In 1972 dollars ⁴	Bil. dol.....	201.6	245.4	270.7	311.1	370.6	459.0	512.7
Percent of sales by corporations.....	Percent.....	46.9	48.4	53.0	61.9	67.4	76.4	79.8
Per capita sales: ⁵								
Current dollars.....	Dollars.....	893	1,050	1,151	1,296	1,571	2,204	3,342
Constant (1972) dollars ⁴	Dollars.....	1,380	1,516	1,554	1,651	1,877	2,204	2,369
Sales as percent of personal income.....	Percent.....	62.1	58.6	² 55.5	52.5	49.3	48.9	47.6
Sales, inside SMSA's ⁶	Bil. dol.....	80.9	(NA)	² 133.0	169.8	221.4	(NA)	551.8
Percent of total sales.....	Percent.....	62.0	(NA)	66.4	69.5	71.4	(NA)	76.3
Percent of SMSA sales in central cities.....	Percent.....	71.4	(NA)	64.0	57.2	55.0	(NA)	(NA)
Payroll, entire year.....	Bil. dol.....	13.6	18.2	21.7	27.6	36.2	55.4	85.9
Percent of sales.....	Percent.....	10.4	11.5	² 11.5	11.3	11.7	12.1	11.9
Average weekly wage.....	Dollars.....	(NA)	50	52	66	74	95	127
Paid employees, March 12 workweek ⁷	1,000.....	6,918	7,124	7,942	8,410	9,381	11,211	13,040
Active proprietors of unincorporated businesses.....	1,000.....	1,742	1,766	1,825	1,546	1,825	(NA)	(NA)

NA. Not available. ¹ Establishments operated by firms which operate at two or more locations. ² Excludes Alaska and Hawaii. ³ Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*. ⁴ Source: U.S. Bureau of Economic Analysis. ⁵ Based on estimated resident population as of July 1. ⁶ For definition of SMSA, see Appendix II. ⁷ 1948-1963 data for week including November 15.

Source: Except as noted, U.S. Bureau of the Census, *U.S. Census of Business: 1948*, vol. I; *1954*, vol. I; *1958*, vol. I; *1963*, vol. I; *1967*, vol. I; and *Census of Retail Trade, 1972*, RC 72-S-1 and 1977, RC-77-52.

No. 1465. RETAIL TRADE SALES—SUMMARY: 1967 TO 1981

[Data reflect use of a sample based on definition and classifications according to the 1972 Census of Retail Trade and are adjusted for methodological revision effective in August 1977. Based on Current Business Survey, see Appendix III. Minus sign (—) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series T 197, 245, 246, and 255]

YEAR	CURRENT DOLLARS							CONSTANT (1972) DOLLARS ²		
	Total sales (bil. dol.)	Per cap- ita ¹ (dol.)	Annual per- cent change	Index of sales (1972=100)	Dura- ble goods (bil. dol.)	Nondurable goods (bil. dol.)		Total sales (bil. dol.)	Per cap- ita ¹ (dol.)	Annual per- cent change
						Total	Dept. stores			
1967.....	293.0	1,484	(³)	65.2	88.7	204.2	31.1	(NA)	(NA)	(³)
1968.....	324.4	1,627	10.7	72.2	101.7	222.7	34.6	371.8	1,864	(NA)
1969.....	346.7	1,722	6.9	77.2	108.6	238.1	37.0	382.8	1,901	3.0
1970.....	368.4	1,808	6.3	82.0	109.2	259.2	38.5	391.8	1,922	2.4
1971.....	406.2	1,970	10.3	90.4	128.6	277.4	43.1	417.0	2,022	8.4
1972.....	449.1	2,157	10.6	100.0	148.4	300.6	47.3	447.7	2,150	7.4
1973.....	509.5	2,428	13.4	113.4	172.9	336.6	52.6	478.9	2,282	7.0
1974.....	541.0	2,559	6.2	120.5	169.4	371.6	55.4	457.0	2,162	-4.6
1975.....	588.1	2,761	8.7	131.0	183.0	405.2	59.4	459.5	2,157	.5
1976.....	657.4	3,062	11.8	146.4	217.8	439.6	65.7	488.3	2,275	6.3
1977.....	725.2	3,344	10.3	161.5	248.7	476.5	73.6	512.7	2,369	5.0
1978.....	804.7	3,682	11.0	179.2	279.8	524.9	81.5	534.3	2,446	4.2
1979.....	894.3	4,017	11.1	199.1	304.8	589.5	88.5	542.1	2,463	1.5
1980.....	956.7	4,169	7.0	213.0	297.9	658.7	94.2	523.9	2,357	-3.4
1981, Jan.-June ⁴	518.6	2,268	⁵ 12.9	(x)	164.3	354.4	50.7	267.9	1,172	⁵ 3.7

NA Not available. X Not applicable. ¹ Based on Bureau of the Census estimates of resident population as of July 1, except 1980, as of March 1. ² Source: Bureau of Economic Analysis. ³ 1966 data not comparable with 1967. ⁴ Data adjusted for seasonal variation and trading day differences. ⁵ Change from Jan.-June, 1980.

Source: Except as noted, U.S. Bureau of the Census, *Current Business Reports*, series BR, *Monthly Retail Trade*. Monthly data in U.S. Bureau of Economic Analysis, *Survey of Current Business* and *Business Conditions Digest*, both monthly.

No. 1466. RETAIL TRADE—SALES, BY KIND OF BUSINESS: 1967 TO 1981

[In billions of dollars. Based on 1972 Standard Industrial Classification. Data reflect methodological revision effective Aug. 1977. Based on Current Business Survey, see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series T 245-271]

KIND OF BUSINESS	1967	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981, Jan.- June ¹
Retail trade, total.....	293.0	368.4	509.5	541.0	588.1	657.4	725.2	804.7	894.3	956.7	518.6
Durable goods stores, total ².....	88.7	109.2	172.9	169.4	183.0	217.8	248.7	279.8	304.8	297.9	164.3
Automotive dealers.....	53.8	62.6	103.3	96.5	106.6	129.8	150.0	167.3	177.3	167.0	92.6
Motor veh., misc. automotive dealers.....	49.7	56.9	94.8	87.5	96.8	118.9	137.1	153.2	161.1	148.8	82.7
Motor vehicle dealers.....	48.0	55.0	88.6	80.6	89.0	111.3	128.8	144.0	150.8	140.1	(NA)
Motor vehicle dealers, franchised.....	45.0	51.8	83.5	76.3	84.2	105.2	121.9	135.8	141.4	130.3	(NA)
Auto and home supply stores.....	4.2	5.6	8.6	9.0	9.9	10.9	12.9	14.0	16.1	18.2	9.8
Building materials, hardware, garden supply, mobile home dealers ²	13.3	17.6	26.9	27.0	27.0	33.0	39.9	44.8	50.3	48.2	26.9
Building materials, supply stores.....	9.0	11.2	17.2	17.8	18.0	22.5	27.1	31.5	35.3	33.7	18.9
Hardware stores.....	2.8	3.2	4.1	4.5	5.1	5.4	6.1	6.9	7.8	7.7	4.4
Furniture, home furnishings, equip. ²	14.2	17.7	24.3	26.0	26.9	30.0	33.2	36.5	41.9	44.0	23.3
Furniture, home furnishings stores.....	8.3	10.6	15.2	16.3	16.2	18.0	20.3	22.5	25.7	26.2	14.0
Household appliance, radio, TV.....	5.0	6.0	7.4	7.6	8.3	9.2	10.0	10.5	12.4	13.2	7.0
Nondurable goods stores, total ².....	204.2	259.2	336.6	371.6	405.2	439.6	476.5	525.0	589.5	658.7	354.4
Apparel and accessory stores ²	16.3	20.2	27.7	28.9	31.3	33.7	35.6	40.0	42.4	44.5	23.8
Men's, boys' clothing, furnishings.....	3.4	4.4	5.9	5.9	6.4	6.5	6.9	7.5	7.8	8.0	4.0
Women's clothing, specialty stores, furriers.....	6.4	7.7	10.6	11.2	12.4	13.4	13.5	15.5	16.2	17.0	9.3
Women's ready-to-wear stores.....	5.3	6.7	9.5	10.1	11.3	12.3	12.4	14.3	15.0	15.6	(NA)
Family clothing stores.....	3.1	3.8	5.7	6.2	6.6	7.2	8.1	8.3	8.7	9.1	(NA)
Shoe stores.....	2.9	3.6	4.5	4.4	4.6	5.0	5.7	6.5	7.4	8.0	4.5
Drug stores and proprietary stores.....	10.8	13.8	17.0	18.4	19.9	21.6	23.2	25.3	28.1	31.6	16.8
Eating and drinking places.....	23.5	31.1	40.4	44.7	51.1	57.2	63.3	70.7	79.6	86.6	47.4
Food stores.....	69.4	88.7	111.4	126.0	138.4	148.0	157.9	174.2	195.8	217.5	116.7
Grocery stores.....	64.2	81.5	103.5	117.2	129.2	138.2	147.8	162.7	182.4	202.1	108.0
Gasoline service stations.....	22.6	29.2	37.0	43.0	47.5	52.0	56.5	59.7	73.2	94.5	51.4
General merchandise group stores ²	41.0	50.3	67.4	71.2	75.7	81.8	90.7	100.8	109.7	116.3	62.2
Department stores.....	31.1	38.5	52.6	55.4	59.4	65.7	73.6	81.5	88.5	94.2	50.7
Variety stores.....	5.3	6.6	7.4	7.7	8.0	7.2	7.1	7.5	8.4	8.9	4.6
Liquor stores.....	6.6	8.3	10.2	11.0	11.8	12.4	13.0	13.6	15.3	16.6	8.3
Mail-order houses (department store merchandise) ³	2.7	3.5	5.0	5.4	5.6	6.1	6.8	7.1	5.3	(NA)	(NA)

NA Not available. ¹ Adjusted for seasonal variation. ² Includes kinds of business not shown separately. ³ Includes sales made by mail-order catalog desks in department stores or mail-order firms.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Monthly Retail Trade*.

NO. 1467. RETAIL TRADE—SALES, BY GEOGRAPHIC DIVISION AND FOR SELECTED STATES: 1978 TO 1980

[In billions of dollars except per capita. For composition of divisions, see fig. 1, inside front cover. Data reflect methodological revision effective Aug. 1977. Based on Current Business Survey, see Appendix III]

GEOGRAPHIC DIVISION AND STATE	1978, total	1979		1980		STATE	1978, total	1979		1980	
		Total	Per cap- ita ¹ (dol.)	Total	Per cap- ita ¹ (dol.)			Total	Per cap- ita ¹ (dol.)	Total	Per cap- ita ¹ (dol.)
Total	804.7	894.2	3,982	956.7	4,224	La.....	13.0	14.9	3,600	16.1	3,890
New England.....	42.9	47.0	3,807	51.0	4,130	Md.....	16.4	17.5	4,144	19.6	4,649
Mid-Atlantic.....	123.9	135.8	3,682	146.8	3,990	Mass.....	20.9	22.7	3,955	25.2	4,393
E. No. Central.....	158.7	170.3	4,093	173.4	4,161	Mich.....	36.3	39.7	4,292	40.1	4,331
W. No. Central.....	64.1	71.4	4,176	73.4	4,271	Minn.....	15.3	17.3	4,284	18.0	4,415
So. Atlantic.....	127.7	142.2	3,897	156.4	4,234	Mo.....	18.3	20.5	4,193	20.7	4,210
E. So. Central.....	47.2	51.4	3,532	53.4	3,642	N.J.....	27.5	30.0	4,069	31.8	4,318
W. So. Central.....	82.7	95.7	4,113	107.4	4,523	N.Y.....	55.6	61.1	3,465	68.4	3,896
Mountain.....	40.2	45.5	4,091	50.1	4,407	N.C.....	18.3	20.2	3,482	21.6	3,677
Pacific.....	117.3	134.9	4,324	144.8	4,554	Ohio.....	40.2	43.1	3,991	44.7	4,140
Calif.....	87.0	100.9	4,339	108.1	4,567	Pa.....	40.8	44.7	3,765	46.6	3,927
Fla.....	36.5	42.3	4,466	47.4	4,667	Tenn.....	15.2	16.6	3,662	17.3	3,768
Ill.....	44.9	47.6	4,167	48.1	4,213	Texas.....	53.0	61.7	4,443	70.0	4,920
Ind.....	20.4	21.7	3,963	21.5	3,916	Va.....	18.5	20.8	3,905	23.5	4,396
						Wis.....	16.9	18.2	3,901	18.9	4,017

¹ Based on estimated resident population as of July 1 for 1979 and enumerated resident population as of April 1 for 1980. Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Annual and Monthly Retail Trade*.

NO. 1468. RETAIL TRADE—SALES OF MULTIUNIT ORGANIZATIONS: 1970 TO 1980

[In billions of dollars. Data based on sales of organizations operating 11 or more retail stores (beginning 1977, those meeting certain sales criteria). Data for 1970-1976 are not comparable with later years due to sample revision. For details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 197-219]

KIND OF BUSINESS	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total sales	117.2	154.5	169.4	183.1	199.6	244.2	270.6	296.6	324.3
Durable goods stores	8.6	9.6	9.9	10.3	11.6	18.2	20.5	22.8	23.4
Tire, battery, accessory dealers.....	1.8	2.2	2.2	2.3	2.3	2.6	3.1	3.3	3.5
Nondurable goods stores¹	108.6	144.9	159.5	172.8	188.0	226.0	250.1	274.0	300.9
Apparel and accessory stores ¹	5.5	6.6	6.4	6.8	7.0	11.8	13.2	14.3	15.2
Women's apparel, accessories.....	1.9	2.4	2.4	2.6	2.6	4.7	5.5	5.9	6.2
Shoe stores.....	1.5	1.9	1.7	1.8	1.7	2.8	3.1	3.4	3.7
Drug and proprietary stores.....	4.4	5.9	6.5	7.1	8.2	10.4	12.0	13.7	15.7
Food stores.....	44.1	55.9	63.4	69.3	74.4	85.1	92.7	102.5	113.2
Grocery stores.....	43.2	55.2	62.6	68.4	73.5	84.0	91.7	101.3	111.9
General merchandise group ¹	46.1	65.6	70.6	75.6	83.0	79.8	88.4	95.9	102.0
Department stores.....	31.9	46.4	49.8	54.2	60.7	68.8	76.9	83.9	89.2
Variety stores.....	5.4	6.6	7.0	7.4	6.6	5.9	5.8	6.3	6.6

¹ Includes kinds of business not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Annual and Monthly Retail Trade*.

NO. 1469. DEPARTMENT STORES—SALES, INVENTORIES, AND ACCOUNTS RECEIVABLE: 1975 TO 1980

[Sales and inventories figures reflect revisions based on data derived from the 1977 Annual Retail Trade Report. Covers stores normally employing 25 or more persons and carrying a general line of apparel, homefurnishings, and housewares, with no one of the 3 categories accounting for as much as 80 percent of total sales]

ITEM	Unit	1975	1976	1977	1978	1979	1980
Sales, total	Bil. dol.	59.4	65.7	73.6	81.5	88.5	94.2
Percent department of all retail.....	Percent.....	10.1	10.0	10.2	10.1	9.9	9.8
Inventories (Dec. 31):							
Warehouse and stores.....	Bil. dol.....	9.1	10.1	11.9	13.1	13.7	14.8
Stores only.....	Bil. dol.....	(NA)	(NA)	9.5	10.0	10.6	(NA)
Sales-inventory ratio, stores only ¹	Ratio.....	(NA)	(NA)	7.8	8.1	8.4	(NA)
Accounts receivable (Dec. 31).....	Bil. dol.....	11.8	13.0	16.0	17.9	19.4	(NA)
Charge accounts ²	Bil. dol.....	1.2	1.3	1.0	1.1	1.1	(NA)
Installment accounts ³	Bil. dol.....	10.6	11.7	15.0	16.8	18.3	(NA)

NA Not available. ¹ Ratio of annual sales to year-end inventories. ² Full payment is scheduled to be made at end of customary billing period. ³ Receivables scheduled to be paid in 2 or more payments.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Annual and Monthly Retail Trade*.

NO. 1470. RETAIL TRADE—MERCHANDISE INVENTORIES AND SALES-INVENTORY RATIOS: 1977 TO 1979

[As of Dec. 31. Based on Current Business Survey, see Appendix III]

KIND OF BUSINESS	INVENTORIES AT COST ¹ (bil. dol.)				SALES-INVENTORY RATIOS ²				
	Total ²			Retail stores only, 1979	Total ²			Retail stores only, 1979	
	1977	1978	1979		1977	1978	1979		
Total.....	87.4	99.2	106.2	94.5	8.3	8.1	8.4	9.5	
Total (excluding automotive group).....	65.2	73.9	79.4	68.2	8.8	8.6	9.0	10.5	
Durable goods stores ⁴	42.8	49.4	52.7	50.2	5.8	5.7	5.8	6.1	
Automotive dealers.....	22.1	25.3	26.8	26.3	6.8	6.6	6.6	6.7	
Motor vehicle and misc. automotive dealers.....	19.5	22.5	23.5	23.1	7.0	6.8	6.9	7.0	
Motor vehicle dealers.....	17.6	20.2	21.2	21.0	7.3	7.1	7.1	7.2	
Motor vehicle dealers (franchised).....	16.8	19.1	20.1	19.8	7.2	7.1	7.1	7.1	
Automotive and home supply stores.....	2.6	2.8	3.3	3.1	4.9	5.0	4.9	5.1	
Bldg. materials, hardware, garden sup., mobile home dealers.....	7.2	8.0	8.6	8.0	5.4	5.6	5.8	6.3	
Building materials, supply, hardware stores.....	6.0	6.6	7.1	6.6	5.5	5.8	6.0	6.6	
Building materials and supply stores.....	4.4	4.9	5.3	4.8	6.2	6.4	6.7	7.4	
Hardware stores.....	1.6	1.7	1.9	1.8	3.8	4.0	4.2	4.4	
Furniture, home furnishings, equipment stores ⁴	6.5	7.6	8.1	7.2	5.1	4.8	5.1	5.8	
Furniture, home furnishings.....	3.8	4.4	4.8	4.2	5.3	5.1	5.4	6.1	
Furniture stores.....	2.9	3.3	3.7	3.3	4.8	4.7	4.8	5.4	
Household appliance, radio, TV.....	1.9	2.2	2.4	2.0	5.1	4.7	5.1	6.1	
Household appliance stores.....	.9	1.0	1.1	.9	5.2	5.2	5.6	6.7	
Jewelry stores.....	2.1	2.5	2.6	2.5	2.6	2.5	2.5	2.6	
Nondurable goods stores ⁴	44.6	49.9	53.5	44.3	10.7	10.5	11.0	13.3	
Apparel and accessory stores ⁴	7.3	8.4	8.5	8.1	4.8	4.8	5.0	5.2	
Men's, boys' clothing, furnishings.....	1.7	1.9	1.8	1.8	4.0	3.9	4.2	4.3	
Women's ready-to-wear stores.....	1.9	2.2	2.2	2.1	6.4	6.5	6.9	7.2	
Family clothing stores.....	1.7	1.8	1.8	1.7	4.7	4.6	4.8	5.2	
Shoe stores.....	1.4	1.8	1.9	1.7	4.0	3.7	4.0	4.4	
Drug and proprietary stores.....	3.8	4.3	4.9	4.3	6.1	5.9	5.8	6.6	
Eating and drinking places.....	1.5	1.8	1.8	1.5	42.0	37.5	44.7	51.4	
Food stores.....	9.5	10.3	11.5	9.0	16.7	16.8	17.0	21.3	
Grocery stores.....	9.1	10.0	11.1	8.5	16.2	16.4	16.5	21.3	
Gasoline service stations.....	1.8	1.9	2.3	2.1	30.7	31.7	31.5	34.3	
General merchandise group stores.....	15.7	17.7	18.6	14.8	5.8	5.7	5.9	7.4	
Dept. stores, misc. general merchandise stores.....	14.1	15.8	16.6	13.1	5.9	5.9	6.1	7.8	
Department stores.....	11.9	13.1	13.7	10.6	6.2	6.2	6.4	8.4	
Variety stores.....	1.6	1.9	2.0	1.7	4.4	4.0	4.1	4.9	
Liquor stores.....	1.4	1.5	1.7	1.5	9.3	9.2	9.1	10.5	
Mail order houses (dept. store merchandise).....	1.0	(NA)	(NA)	(NA)	6.5	(NA)	(NA)	(NA)	

NA Not available. ¹ Excludes supplies and equipment used in store and warehouse operations that are not for resale. ² Includes warehouses. ³ Relates annual sales to year-end inventories. ⁴ Includes kinds of business not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Annual Retail Trade Report*.

NO. 1471. LARGEST RETAILING COMPANIES—SALES, ASSETS, NET INCOME, AND EMPLOYEES, BY GROUP RANK: 1970 TO 1980

[Sales, assets, and net income in billions of dollars; employees in thousands; except percent. Excludes large privately owned companies that do not publish sales. Includes all operating revenues for fiscal years ending not later than January following year stated]

RANK BY SALES GROUP	SALES ¹			ASSETS ²			NET INCOME ³			EMPLOYEES ⁴		
	1970	1975	1980	1970	1975	1980	1970	1975	1980	1970	1975	1980
50 largest.....	73.6	121.7	200.8	31.6	50.9	96.3	1.5	2.4	3.9	2,371	2,653	3,240
Lowest ten.....	4.4	7.5	11.5	1.5	5.2	3.3	.1	.2	(-2)	151	197	125
Second ten.....	6.8	10.4	15.7	2.5	3.7	5.9	.1	.1	.3	211	279	259
Third ten.....	9.0	14.1	23.8	4.5	4.7	10.4	.1	.2	.5	294	277	441
Fourth ten.....	13.9	23.4	40.6	4.8	8.4	15.7	.2	.4	.9	366	426	618
Highest ten.....	39.4	66.2	109.3	18.2	26.9	61.1	1.0	1.5	2.3	1,348	1,474	1,797
Percent of total:												
Lowest ten.....	5.9	6.2	5.7	4.8	10.2	3.4	5.1	8.4	(-2)	6.4	7.4	3.9
Second ten.....	9.3	8.6	7.8	7.9	7.3	6.1	5.9	6.0	7.4	8.9	10.5	8.0
Third ten.....	12.3	11.6	11.9	14.3	9.2	10.8	8.4	7.8	13.0	12.4	10.4	13.6
Fourth ten.....	18.9	19.2	20.2	15.3	16.5	16.3	13.5	15.2	23.3	15.4	16.1	18.1
Highest ten.....	53.6	54.4	54.4	57.7	56.8	63.4	67.1	62.6	58.2	56.9	55.6	55.5

Z Less than \$50 million. ¹ Includes sales of subsidiaries when they are consolidated. ² Total assets employed in business at end of fiscal year, less depreciation and depletion. ³ After taxes, special charges, and credits. Minus sign (-) indicates net loss. ⁴ As of year-end, or yearly average.

Source: Time, Inc., New York, N.Y., adapted from *The Fortune Directory*, July issue. (Copyright.)

NO. 1472. RETAIL GASOLINE SERVICE STATIONS—NUMBER AND SALES: 1975 TO 1981

[Based on sample surveys. For details, see source]

ITEM	Unit	1975	1976	1977	1978	1979	1980	1981	PERCENT DISTRIBUTION		
									1975	1980	1981
Number of stations (as of July) ¹	1,000	190.3	182.2	178.6	177.8	163.2	159.0	156.0	100.0	100.0	100.0
Branded independent ²	1,000	163.5	154.0	149.3	146.6	137.0	130.9	129.9	65.9	69.4	83.3
Nonbranded independent ³	1,000	10.7	10.9	12.9	15.6	11.9	14.5	13.5	5.6	7.9	8.7
Refiner/marketer ⁴	1,000	16.1	17.3	16.4	15.6	14.3	13.6	12.6	8.5	8.7	8.1
Total sales ⁵	Bil. dol.	47.5	51.9	56.5	59.7	73.2	94.5	^a 41.8	(X)	(X)	(X)
Gasoline sales	Bil. gal.	78.2	78.0	82.9	82.2	73.5	69.5	^a 34.2	100.0	100.0	100.0
Branded independent ²	Bil. gal.	57.2	56.2	58.9	57.7	51.2	47.6	^a 23.7	75.0	69.1	69.2
Nonbranded independent ³	Bil. gal.	7.8	8.5	9.8	9.7	8.4	8.4	^a 4.0	10.2	11.8	11.6
Refiner/marketer ⁴	Bil. gal.	11.3	13.2	14.3	14.8	13.8	13.5	^a 6.0	14.8	19.1	19.2

X Not applicable. ¹ Estimates pertain to those retail outlets that derive at least 50% of their gross revenues from the sale of gasoline. ² Marketer engaged in marketing or distribution pursuant to (a) an agreement or contract with a refiner to use a trademark, trade name, or other identifying symbol or name owned by the refiner or (b) an agreement or contract under which the marketer is granted the authority to occupy premises owned, leased, or in any way controlled by the refiner. ³ Marketer engaged in marketing or distribution but which is not (a) a refiner; (b) controlled by, or controls, or is under common control with, or is affiliated with a refiner; (c) a branded independent marketer. ⁴ An outlet selling to ultimate consumers which is operated by salaried or commissioned personnel of a refiner and/or involves personnel services contracted by the refiner. ⁵ Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Monthly Retail Trade*. ^a January-June.

Source: Except as noted, U.S. Energy Information Administration, *Petroleum Market Shares, Report on Retail Sales of Gasoline*, monthly.

NO. 1473. RETAIL TRADE—SALES BY BROAD MERCHANDISE LINES: 1972 AND 1977

[For establishments with payroll. For details on restructuring of merchandise lines between 1972 and 1977, see source]

MERCHANDISE LINES	1972			1977			
	Estab- lish- ments (1,000)	Sales ¹ (mil. dol.)	Per- cent of sales	Sales of specified merchandise lines			All establish- ments
				Estab- lish- ments (1,000)	Total ¹ (mil. dol.)	As percent of total sales	
Retail trade, total	² 1,265	440,222	100.0	² 1,304	699,635	(X)	100.0
Groceries and other food	255	86,391	19.6	271	137,506	51.8	19.7
Meals and snacks	303	29,297	6.7	341	54,735	37.1	7.8
Alcoholic drinks	131	7,308	1.7	138	9,998	31.9	1.4
Packaged alcoholic beverages	113	11,286	2.6	136	16,164	15.9	2.3
Cigars, cigarettes, and tobacco	225	6,110	1.4	231	8,475	4.6	1.2
Drugs	273	15,655	3.5	110	12,438	11.3	1.8
Health and beauty aids	97	14,995	3.4	106	11,325	5.4	1.6
Men's, boys' clothing, excluding footwear	131	25,933	5.9	139	36,527	26.3	5.2
Women's, girls' wear, excluding footwear	94	7,673	1.7	98	10,650	8.9	1.5
Footwear, exc. infants, toddlers	83	8,164	1.9	82	10,011	8.6	1.4
Curtains, draperies, and dry goods	77	7,339	1.7	72	9,179	9.5	1.3
Major household appliances	117	6,039	1.4	137	9,881	6.0	1.4
Kitchenware and home furnishings	100	8,176	1.9	55	4,128	5.0	.6
Small electrical appliances	69	10,252	2.3	89	9,191	7.8	1.3
Televisions	63	3,947	.9	72	14,685	14.6	2.1
Audio equipment, musical instruments, supplies	63	3,947	.9	66	5,770	6.0	.8
Furniture and sleep equipment	95	4,979	1.1	111	8,151	6.4	1.2
Floor coverings	21	1,361	.3	21	1,361	3.1	.2
Jewelry	75	7,244	1.6	80	9,451	8.7	1.4
Optical goods	89	4,576	1.0	13	3,234	8.9	.5
Sporting goods	80	3,959	.9	99	8,555	7.2	1.2
Recreational vehicles	78	15,723	3.6	80	7,217	6.5	1.0
Hardware and tools	53	66,468	15.1	56	26,766	26.2	3.8
Lawn and garden equipment, supplies	236	27,306	6.2	211	112,285	82.7	16.0
Automotive fuels and lubricants	236	27,306	6.2	211	48,736	26.4	7.0
Auto tires, batteries, accessories	235	16,465	3.7	195	21,196	8.9	3.0
Household fuels ³	27	4,138	.9	23	8,923	47.6	1.3
All other merchandise	261	21,548	4.9	290	36,683	14.5	5.2
Nonmerchandise receipts	661	19,236	4.4	262	20,824	8.0	3.0

X Not applicable. ¹ Includes sales taxes and finance charges in 1972 but not in 1977. ² Detail will not add to total because establishments may carry more than one merchandise line. ³ 1972 includes ice.

Source: U.S. Bureau of the Census, *Census of Retail Trade*, 1972, vol. 1, and 1977, *Merchandise Line Sales*, RC 77-L.

NO. 1474. RETAIL TRADE—ESTABLISHMENTS AND SALES, 1972 AND 1977, AND PAID EMPLOYEES AND PAYROLL, BY STATE: 1977

[1972 data for all establishments adjusted to exclude non-employer direct sellers]

STATE	ALL ESTABLISHMENTS					ESTABLISHMENTS WITH PAYROLL								
	Number (1,000)		Sales ¹ (bil. dol.)		Per capita sales, 1977 ² (dol.)	1972		1977					Percent change, 1972-1977	
	1972	1977	1972	1977		Num- ber (1,000)	Sales ¹ (bil. dol.)	Num- ber (1,000)	Sales ¹ (bil. dol.)	Paid employ- ees ³ (1,000)	Pay- roll en- tire year (bil. dol.)	Sales	Pay- roll	
U.S.	1,780.4	1,855.1	457.4	723.1	3,342	1,264.9	440.2	1,303.6	699.6	13,040	85.9	58.9	55.0	
N.E.	105.5	107.2	27.8	40.4	3,299	76.8	26.9	76.8	39.0	764	4.8	45.3	36.2	
Maine	10.4	11.2	2.2	3.6	3,336	7.2	2.1	7.6	3.5	61	.4	62.5	52.7	
N.H.	7.7	8.9	2.0	3.4	3,985	5.6	2.0	6.2	3.3	58	4	66.8	62.5	
Vt.	5.0	5.7	1.1	1.7	3,460	3.6	1.1	4.0	1.6	30	2	51.2	47.4	
Mass.	47.5	46.7	13.3	18.5	3,198	35.1	12.8	34.3	17.9	372	2.3	39.5	30.0	
R.I.	8.5	8.1	2.0	2.8	2,991	5.9	1.9	5.8	2.7	54	3	40.1	32.7	
Conn.	26.4	26.5	7.2	10.4	3,356	19.3	6.9	18.8	10.1	190	1.3	45.1	36.4	
M.A.	308.9	300.5	80.9	112.2	3,028	214.2	77.1	212.0	108.4	2,023	13.8	40.7	35.0	
N.Y.	150.9	142.2	39.0	50.7	2,827	107.3	37.5	102.1	49.0	931	6.5	30.7	26.0	
N.J.	56.6	59.6	16.8	24.3	3,310	39.9	16.2	43.2	23.5	415	2.9	45.5	39.6	
Pa.	101.4	98.7	25.0	37.2	3,157	67.0	23.4	66.7	35.9	677	4.3	53.4	47.5	
E.N.C.	321.1	320.9	89.9	139.9	3,406	232.4	87.3	229.8	136.2	2,539	16.7	56.0	52.6	
Ohio	82.7	82.4	22.8	35.6	3,325	60.6	22.2	59.8	34.7	651	4.3	56.3	51.1	
Ind.	42.9	43.6	11.4	18.3	3,414	31.0	11.1	31.5	17.8	332	2.1	59.6	52.8	
Ill.	86.7	85.0	25.8	39.2	3,493	61.8	25.1	60.3	38.2	732	4.9	52.3	49.1	
Mich.	65.9	67.1	20.5	31.9	3,488	49.1	20.0	48.4	31.1	524	3.7	55.5	56.1	
Wis.	43.0	42.8	9.3	14.9	3,215	29.9	8.9	29.8	14.4	300	1.8	62.7	69.1	
W.N.C.	157.2	158.5	34.9	56.6	3,348	114.8	33.6	113.4	54.7	1,089	6.6	62.7	60.3	
Minn.	33.2	33.6	8.3	13.6	3,409	24.3	8.0	24.1	13.2	271	1.8	63.6	59.3	
Iowa	28.5	28.7	5.8	9.8	3,405	21.3	5.7	21.1	9.5	189	1.1	68.5	66.3	
Mo.	42.4	43.2	10.2	15.9	3,302	30.3	9.9	30.3	15.3	294	1.9	55.7	51.9	
N.Dak.	6.5	6.7	1.3	2.2	3,461	4.9	1.2	5.0	2.2	42	3	77.8	82.9	
S.Dak.	7.7	7.6	1.3	2.2	3,174	5.6	1.3	5.4	2.1	42	2	67.1	71.4	
Nebr.	15.3	15.2	3.2	5.1	3,309	11.4	3.1	11.1	5.0	103	6	61.7	59.3	
Kans.	23.6	23.4	4.7	7.7	3,317	16.8	4.5	16.5	7.4	147	9	64.8	66.1	
S.A.	271.4	294.0	71.6	113.3	3,309	190.2	69.0	205.9	109.6	2,074	13.3	58.8	57.0	
Del.	4.8	4.9	1.5	2.1	3,674	3.7	1.4	3.8	2.1	39	3	47.5	38.7	
Md.	26.7	28.3	9.4	14.4	3,475	19.4	9.0	21.3	14.1	262	1.8	55.9	52.0	
D.C.	4.4	4.2	1.8	2.1	3,043	3.8	1.8	3.6	2.1	47	3	16.3	17.5	
Va.	33.5	37.2	10.0	16.5	3,245	24.5	9.8	27.5	16.1	297	2.0	65.4	60.6	
W.Va.	15.1	14.9	3.3	5.7	3,063	10.2	3.2	10.2	5.5	90	6	72.7	69.9	
N.C.	47.5	50.6	10.6	16.8	3,054	31.9	10.1	34.2	16.1	294	1.9	58.7	55.3	
S.C.	25.1	26.9	5.2	8.4	2,901	15.8	4.8	17.4	7.9	146	9	62.7	64.8	
Ga.	43.3	44.6	10.4	15.9	3,157	29.9	10.0	31.0	15.3	285	1.8	53.3	56.8	
Fla.	70.9	82.3	19.4	31.4	3,710	51.0	18.9	57.1	30.5	615	3.7	61.2	61.3	
E.S.C.	117.3	121.7	25.1	41.1	2,970	78.0	23.8	82.2	39.0	698	4.4	63.8	65.6	
Ky.	28.5	30.1	6.1	10.5	3,025	18.2	5.8	20.2	10.0	178	1.1	70.7	68.4	
Tenn.	36.7	38.5	8.4	13.7	3,194	24.6	8.1	26.1	13.1	235	1.5	62.2	63.1	
Ala.	30.8	31.6	6.6	10.7	2,990	20.8	6.2	21.6	10.2	181	1.1	63.3	67.9	
Miss.	21.4	21.5	3.9	6.2	2,592	14.3	3.7	14.3	5.8	103	6	57.2	62.9	
W.S.C.	193.8	202.5	42.3	73.8	3,402	131.1	40.1	138.8	71.1	1,296	8.3	77.4	77.3	
Ark.	21.1	21.8	3.9	6.4	2,986	13.6	3.6	14.2	6.0	105	6	66.8	73.1	
La.	31.1	32.0	7.2	12.4	3,160	20.8	6.8	22.2	12.0	219	1.4	76.2	77.4	
Okla.	27.4	28.1	5.5	9.2	3,276	18.3	5.2	19.0	8.8	164	1.0	70.4	69.1	
Tex.	114.3	120.6	25.7	45.8	3,578	78.4	24.5	83.4	44.3	809	5.2	80.8	79.4	
Mt.	83.9	96.0	20.9	36.7	3,653	61.4	20.2	67.7	35.7	678	4.3	76.1	76.5	
Mont.	8.2	8.9	1.6	2.8	3,717	6.1	1.5	6.3	2.7	50	3	77.1	74.0	
Idaho	8.0	8.8	1.7	3.0	3,524	5.8	1.6	6.2	2.9	53	3	82.9	81.7	
Wyo.	4.2	4.7	0.8	1.7	4,074	3.1	0.8	3.4	1.6	28	2	103.9	101.6	
Colo.	21.8	25.7	5.8	9.8	3,743	15.8	5.7	18.1	9.5	190	1.2	68.4	72.6	
N.Mex.	10.6	11.6	2.3	4.0	3,363	7.4	2.2	7.9	3.9	74	5	77.3	81.6	
Ariz.	17.0	20.0	4.7	8.2	3,544	12.5	4.6	14.1	8.0	154	1.0	72.3	73.2	
Utah	8.9	9.9	2.4	4.1	3,265	6.7	2.3	7.2	4.0	81	5	75.7	73.1	
Nev.	5.2	6.4	1.6	3.1	4,818	4.0	1.6	4.6	3.0	48	4	92.7	83.4	
Pac.	221.3	253.7	64.0	109.0	3,727	166.1	62.3	177.0	106.0	1,880	13.8	70.2	64.2	
Wash.	28.7	31.9	7.5	13.5	3,668	21.6	7.3	23.1	13.2	231	1.7	81.5	75.6	
Oreg.	20.4	22.8	5.2	9.3	3,919	15.1	5.0	16.1	9.1	158	1.1	81.5	72.4	
Calif.	163.5	187.9	48.7	81.1	3,703	123.0	47.5	130.1	78.7	1,393	10.3	65.9	60.1	
Alaska.	2.8	3.8	0.8	1.8	4,433	1.9	0.7	2.4	1.6	26	3	138.9	146.5	
Hawaii.	5.9	7.4	1.9	3.3	3,697	4.5	1.8	5.3	3.2	72	5	77.1	70.4	

¹ Includes sales taxes and finance charges in 1972 but not in 1977. ² Based on estimated resident population as of July 1, 1977. ³ Week including March 12.

Source: U.S. Bureau of the Census, *Census of Retail Trade: 1977*, Geographic Area Series, RC 77-A-1 to 52.

No. 1475. RETAIL TRADE—ESTABLISHMENTS AND SALES, BY KIND OF BUSINESS, BY STATE: 1977

STATE	TOTAL ¹		FOOD STORES		AUTOMOTIVE DEALERS		GENERAL MERCHANDISE GROUP STORES		EATING AND DRINKING PLACES		GASOLINE SERVICE STATIONS	
	Estab-lish-ments	Sales (mil. dol.)	Estab-lish-ments	Sales (mil. dol.)	Estab-lish-ments	Sales (mil. dol.)	Estab-lish-ments	Sales (mil. dol.)	Estab-lish-ments	Sales (mil. dol.)	Estab-lish-ments	Sales (mil. dol.)
U.S.....	1,855,068	723,134	251,971	157,940	139,006	149,952	48,911	93,948	368,066	63,276	176,465	56,468
N.E.....	107,239	40,375	13,878	9,354	6,938	6,838	3,115	4,845	21,222	3,617	8,971	2,941
Maine.....	11,244	3,616	1,822	872	953	724	522	393	1,814	261	933	244
N.H.....	8,922	3,387	1,182	826	661	649	321	353	1,542	253	704	237
Vt.....	5,736	1,669	815	389	414	309	222	144	920	128	540	140
Mass.....	46,745	18,474	5,745	4,210	2,834	2,887	1,295	2,361	9,948	1,828	3,882	1,290
R.I.....	6,138	2,802	1,107	639	538	472	184	337	1,829	255	697	216
Conn.....	26,454	10,428	3,207	2,418	1,538	1,798	571	1,257	5,169	892	2,215	814
M.A.....	300,487	112,229	46,414	26,753	17,046	19,123	6,380	14,759	67,343	10,093	23,589	7,845
N.Y.....	142,202	50,698	22,873	12,611	6,608	7,512	2,975	6,645	32,997	4,953	9,245	2,984
N.J.....	59,566	24,287	9,026	5,938	3,151	4,225	1,048	3,009	12,985	2,148	5,350	1,804
Pa.....	98,719	37,244	14,515	8,304	7,087	7,386	2,357	5,097	21,361	2,992	8,994	2,857
E.N.C.....	320,913	139,883	37,328	28,766	22,501	30,435	7,916	19,283	73,934	12,510	32,117	11,701
Ohio.....	92,404	35,533	10,834	7,838	5,819	7,713	1,917	5,451	17,982	3,105	8,820	3,117
Ind.....	43,643	18,283	4,254	3,685	3,784	4,168	1,183	2,393	8,523	1,520	4,867	1,702
Ill.....	84,988	39,215	8,897	7,571	5,379	8,088	2,319	5,129	20,704	3,665	7,815	3,041
Mich.....	67,059	31,912	9,033	6,808	4,970	7,433	1,372	4,381	13,836	2,896	6,572	2,591
Wis.....	42,819	14,930	4,310	3,084	2,549	3,033	1,125	1,929	12,889	1,524	4,043	1,250
W.N.C.....	158,497	56,595	16,121	10,990	12,906	12,437	4,725	7,331	31,084	4,732	17,458	5,279
Minn.....	33,602	13,587	3,709	2,456	2,339	2,691	812	1,853	6,315	1,155	3,280	1,194
Iowa.....	28,737	9,833	2,529	1,969	2,159	2,231	921	1,164	6,193	806	3,424	954
Mo.....	43,219	15,920	4,910	3,295	4,130	3,545	1,543	2,227	8,046	1,321	5,008	1,497
N. Dak.....	6,681	2,250	693	370	482	559	178	217	1,493	190	687	202
S. Dak.....	7,622	2,184	776	406	531	478	201	193	1,580	190	861	241
Nebr.....	15,249	5,145	1,422	972	1,258	1,094	447	686	3,189	474	1,732	530
Kans.....	23,387	7,696	2,082	1,522	2,027	1,839	623	991	4,268	596	2,466	661
S.A.....	293,992	113,333	47,162	25,437	23,961	23,855	9,364	14,787	47,767	9,331	30,089	9,303
Del.....	4,935	2,139	656	474	343	362	139	328	863	164	435	162
Md.....	28,344	14,377	4,055	3,198	1,836	2,825	648	2,037	5,726	1,257	2,465	1,210
D.C.....	4,213	2,085	538	355	103	202	68	204	1,158	379	250	138
Va.....	37,216	16,535	6,163	3,712	3,090	3,540	1,463	2,215	6,356	1,239	3,992	1,481
W. Va.....	14,912	5,676	2,662	1,374	1,189	1,265	708	776	2,727	352	1,818	493
N.C.....	50,619	16,842	9,206	3,831	4,891	3,769	1,889	1,992	7,123	1,177	5,775	1,360
S.C.....	26,897	8,350	5,008	2,022	2,545	1,766	1,020	989	3,796	587	3,001	722
Ga.....	44,605	15,916	7,495	3,455	3,895	3,481	1,507	2,132	6,345	1,251	5,066	1,351
Fla.....	82,251	31,413	11,379	7,016	6,069	6,645	1,922	4,114	13,673	2,925	7,287	2,386
E.S.C.....	121,685	41,091	22,999	9,489	11,883	9,748	4,651	5,001	17,258	2,824	13,066	3,436
Ky.....	30,104	10,492	5,603	2,490	2,736	2,292	1,080	1,192	4,413	772	3,452	1,021
Tenn.....	38,530	13,710	6,849	3,007	3,702	3,323	1,325	1,764	5,894	990	4,090	1,151
Ala.....	31,582	10,705	5,887	2,440	3,196	2,611	1,316	1,308	4,102	691	3,562	810
Miss.....	21,469	6,184	4,660	1,552	2,049	1,522	930	737	2,859	371	1,962	454
W.S.C.....	202,542	73,844	29,810	16,365	18,915	17,789	5,567	9,397	36,817	5,775	21,206	5,453
Ark.....	21,779	6,383	3,595	1,453	2,255	1,539	748	751	3,088	385	2,407	496
La.....	32,049	12,417	5,801	3,079	2,429	2,707	1,045	1,669	6,382	997	2,989	858
Okla.....	26,119	9,228	3,503	2,096	2,843	2,284	782	1,093	5,101	715	3,063	655
Tex.....	120,595	45,816	17,011	9,737	11,388	11,259	2,992	5,884	22,246	3,678	12,747	3,444
Mt.....	95,980	36,750	9,466	7,726	7,366	7,959	2,436	4,281	19,261	3,371	9,765	3,097
Mont.....	8,880	2,848	890	599	655	604	217	245	2,083	275	968	272
Idaho.....	8,846	3,016	968	659	832	700	256	280	1,793	260	830	223
Wyo.....	4,692	1,654	331	314	357	344	151	135	866	146	647	214
Colo.....	25,675	9,825	2,177	2,008	1,869	2,081	495	1,204	5,004	966	2,485	708
N. Mex.....	11,604	4,022	1,254	839	890	934	399	451	2,061	345	1,389	366
Ariz.....	20,008	8,170	2,257	1,893	1,487	1,707	520	1,053	4,134	775	1,656	652
Utah.....	9,920	4,146	1,011	821	800	952	267	551	1,864	314	1,149	367
Nev.....	6,355	3,069	578	593	476	637	131	362	1,356	280	641	295
Pac.....	253,733	109,034	28,693	23,062	17,690	21,770	4,767	14,273	53,380	11,025	20,204	7,614
Wash.....	31,872	13,503	3,586	2,895	2,640	2,757	586	1,804	6,296	1,356	3,005	947
Oreg.....	22,788	9,348	2,729	1,822	1,747	2,083	481	1,256	4,578	879	2,185	655
Calif.....	187,904	81,058	21,115	17,267	12,757	16,232	3,251	10,554	40,050	8,052	14,388	5,733
Alaska.....	3,781	1,831	387	427	255	241	180	227	799	254	211	103
Hawaii.....	7,388	3,294	876	651	291	457	259	632	1,657	484	415	176

¹ Includes kinds of business not shown separately.Source: U.S. Bureau of the Census, *Census of Retail Trade, 1977*, Geographic Area Series, RC 77-A-52.

**NO. 1476. RETAIL TRADE—ESTABLISHMENTS WITH PAYROLL, 1972, AND ESTABLISHMENTS, SALES,
AND PERSONNEL, 1977, BY KIND OF BUSINESS**

[See also *Historical Statistics, Colonial Times to 1970*, series T 79-196]

KIND OF BUSINESS	1972		1977					
	Establishments with payroll		All establishments		Establishments with payroll			
	Num- ber (1,000)	Sales ¹ (mil. dol.)	Num- ber (1,000)	Sales ¹ (mil. dol.)	Num- ber (1,000)	Sales ¹ (mil. dol.)	Pay- roll, entire year (mil. dol.)	Paid employ- ees ² (1,000)
Retail trade, total ³	1,264.9	440,222	1,855.1	723,134	1,303.6	699,635	85,854	13,040
Building materials, hardware, garden supply, and mobile home dealers	62.0	22,958	90.4	38,860	65.8	37,793	4,367	470
Building materials, supply stores	31.9	15,027	40.6	27,127	34.0	28,804	2,993	294
Hardware stores	18.5	3,634	26.5	6,087	19.4	5,885	806	112
Retail nurseries, lawn and garden supply stores	3.8	695	15.5	1,769	6.9	1,584	265	36
Mobile home dealers	7.8	3,601	7.8	3,857	5.5	3,709	303	27
General merchandise group stores	44.4	64,669	48.9	93,948	38.4	93,455	12,719	2,017
Department stores ⁴	7.7	51,084	8.8	76,909	8.8	76,909	10,743	1,644
Variety stores	18.4	7,220	17.4	7,095	14.2	6,848	1,002	214
Misc. general merchandise stores	18.3	6,365	22.7	9,944	15.4	9,598	973	159
Food stores ⁵	173.1	96,375	252.0	157,940	171.6	152,745	14,730	1,959
Grocery stores	128.1	90,048	178.8	147,759	126.6	143,938	13,342	1,692
Meat and fish (seafood) markets ⁶	10.7	2,506	16.9	3,780	11.1	3,416	382	56
Fruit stores, vegetable markets	3.1	518	7.8	1,088	3.1	862	80	14
Candy, nut, confectionery stores	6.8	494	9.0	643	4.7	485	77	18
Retail bakeries	15.1	1,547	19.9	2,300	15.9	2,141	624	130
Automotive dealers ⁵	85.1	88,491	139.0	149,952	94.8	147,202	13,304	1,115
Motor vehicle dealers:								
New and used cars	31.6	73,254	30.8	121,883	30.8	121,883	10,279	790
Used cars only	12.8	3,583	37.0	6,945	13.3	5,186	374	42
Auto and home supply stores	29.1	7,271	47.0	12,861	36.8	12,390	1,928	205
Gasoline service stations	183.4	31,440	176.5	56,468	146.5	53,749	3,830	673
Apparel and accessory stores ⁵	105.7	24,115	140.1	35,564	114.8	34,719	5,057	840
Men's and boys' clothing, furnishings	21.0	5,497	22.7	6,943	20.6	6,839	1,098	145
Women's clothing and specialty stores and furriers	40.6	9,173	53.6	13,458	44.4	13,164	1,886	349
Furriers and furshops	1.0	179	1.9	322	.9	285	46	5
Family clothing stores	13.8	4,815	21.6	8,055	16.0	7,884	1,049	136
Shoe stores	23.4	3,972	27.9	5,650	24.5	5,517	822	121
Furniture, home furnishings, and equip- ment stores	82.5	21,505	138.8	33,176	91.7	31,568	4,569	513
Furniture, home furnishings stores	47.7	13,512	82.6	20,318	53.4	19,344	2,974	324
Household appliance stores	14.6	3,827	17.6	4,734	12.2	4,520	577	65
Radio, television, and music stores	20.2	4,365	38.4	9,126	26.1	7,705	1,018	123
Eating and drinking places	287.3	35,048	368.1	63,276	308.6	61,307	15,415	3,759
Eating places	208.9	29,313	274.3	55,581	237.7	54,406	14,018	3,425
Drinking places (alcoholic beverages)	78.4	5,735	93.7	7,695	70.9	6,901	1,396	364
Drug and proprietary stores	47.6	15,420	49.5	23,196	47.2	23,057	3,127	460
Drug stores	45.0	14,901	(NA)	(NA)	44.4	22,313	3,050	444
Proprietary stores	2.6	519	(NA)	(NA)	2.8	745	77	15
Miscellaneous retail stores ⁵	193.9	40,202	452.0	70,753	224.2	64,038	8,737	1,235
Liquor stores	33.7	9,342	44.4	12,987	35.1	12,191	913	145
Used merchandise stores	11.9	1,180	49.8	2,850	14.5	2,141	395	61
Misc. shopping goods stores	71.2	10,992	164.6	20,882	88.1	19,004	2,726	440
Sporting goods, bicycle shops	12.4	2,284	31.5	4,655	17.1	4,172	533	77
Book stores	5.0	854	12.7	1,840	7.6	1,722	233	43
Stationery stores	5.1	713	6.4	1,119	4.8	1,057	175	27
Jewelry stores	16.0	2,904	34.1	5,429	19.7	5,010	835	105
Hobby, toy, game shops	4.3	811	18.5	1,768	6.6	1,554	180	34
Camera, photographic supply	3.3	736	5.7	1,171	3.6	1,111	134	17
Gift, novelty, souvenir	12.6	1,037	34.0	2,572	17.1	2,232	331	68
Luggage, leather goods	1.2	187	2.6	370	1.6	347	55	8
Sewing, needlework, piece goods	11.4	1,466	19.1	1,958	10.1	1,798	251	60
Nonstore retail ¹	19.7	9,705	32.8	14,440	20.8	14,076	2,374	288
Mail order houses	5.4	4,528	11.0	7,555	6.7	7,431	1,110	126
Automatic merchandising ⁷	5.4	2,829	13.5	3,945	5.7	3,700	655	73
Direct selling establishments ¹	8.9	2,349	8.4	2,940	8.4	2,940	609	88
Fuel and ice dealers	15.3	4,601	20.2	10,171	14.7	9,762	1,027	101
Florists	16.5	1,450	29.4	2,400	20.1	2,177	465	88
Cigar stores and stands	2.6	358	3.6	460	2.3	392	42	8
News dealers and newsstands	2.7	347	7.8	533	2.1	380	42	10

NA Not available. ¹ Excludes sales tax and carrying or other charges for credit in 1977; includes them in 1972. ² Pay period including Mar. 12. ³ Excludes nonemployer direct sellers. ⁴ Includes sales from catalog order desks. ⁵ Includes kinds of business not shown separately. ⁶ Including freezer provisioners. ⁷ Vending machines; excludes music and game machines.

Source: U.S. Bureau of the Census, *Census of Retail Trade*, 1972, vol. I, and 1977 U.S. Summary, Geographic Area Series, RC 77-A-52.

NO. 1477. FRANCHISING—SUMMARY: 1969 TO 1981

[Franchising is a form of marketing or distribution in which a parent company customarily grants an individual or a company the right, or privilege, to do business in a prescribed manner over a certain period of time in a specified place. The parent company is termed the franchisor; the receiver of the privilege the franchisee; and the right, or privilege, the franchise.]

ITEM	Unit	1969	1970	1974	1975	1976	1977	1978	1979	1980 ¹	1981 ¹
Number of franchised establishments.....	1,000.....	384	396	441	435	443	451	452	452	458	476
Company-owned ²	1,000.....	69	72	79	81	83	86	85	85	86	88
Franchisee-owned.....	1,000.....	315	324	362	354	360	365	367	367	372	388
Sales of products and services.....	Bil. dol.....	116	120	173	191	222	253	287	312	333	376
Company-owned ²	Bil. dol.....	22	23	28	29	33	36	44	39	47	52
Franchisee-owned.....	Bil. dol.....	94	96	147	162	189	215	243	273	286	324
Average sales per establishment.....	\$1,000.....	302	302	393	439	500	562	635	690	728	790
Employment.....	1,000.....	(NA)	(NA)	3,447	3,511	3,792	4,151	4,498	4,605	(NA)	(NA)

NA Not available. ¹ Estimated by respondents to annual survey of franchisors. ² Represents establishments owned by the parent company.

Source: U.S. Dept. of Commerce, Bureau of Industrial Economics, *Franchising in the Economy, 1979-81*.

NO. 1478. FRANCHISING—NUMBER OF ESTABLISHMENTS AND SALES, BY KIND OF FRANCHISED BUSINESS: 1970 TO 1981

[See headnote, table 1477, for definition of franchising]

KIND OF FRANCHISED BUSINESS	NUMBER OF ESTABLISHMENTS (1,000)						SALES (mil. dol.)					
	1970	1975	1978	1979	1980 ¹	1981 ¹	1970	1975	1978	1979	1980 ¹	1981 ¹
All franchising, total.....	396.3	434.5	451.8	452.5	457.5	476.3	119,758	190,931	287,306	312,188	332,952	376,443
Auto and truck dealers ²	37.2	31.8	31.7	33.0	32.3	32.0	58,812	94,497	151,159	155,738	143,138	164,606
Percent.....	9.4	7.3	7.0	7.3	7.1	6.7	49.1	49.5	52.6	49.9	43.0	43.7
Restaurants (all types).....	32.6	43.0	55.3	58.9	63.0	68.6	4,802	12,262	21,100	24,766	27,716	31,487
Percent.....	8.2	9.9	12.2	13.0	13.8	14.4	3.8	6.4	7.3	7.9	8.3	8.4
Gasoline service stations ²	222.0	189.5	172.3	164.8	158.5	152.0	29,340	47,387	60,884	71,894	96,338	105,850
Percent.....	56.0	43.6	38.1	36.4	34.6	31.9	24.5	24.8	21.2	13.0	28.9	28.1
Retailing (nonfood).....	30.7	37.2	36.5	36.8	37.1	39.5	13,133	9,031	9,335	8,902	9,461	10,565
Percent.....	7.7	8.6	8.1	8.1	8.1	8.3	11.0	4.7	3.2	2.9	2.8	2.8
Auto, truck rental services.....	³ 10.7	6.5	7.2	7.5	7.7	8.0	³ 1,177	1,475	2,526	2,890	3,071	3,401
Automotive products and services ⁴	20.4	47.5	47.2	45.1	44.3	47.0	1,936	5,006	6,803	7,227	7,235	7,750
Business aids and services.....	10.5	22.2	38.7	41.0	45.2	53.5	723	1,397	5,046	6,280	7,018	8,940
Employment services.....	2.9	2.7	3.6	4.2	4.6	5.2	516	553	1,114	1,417	1,586	1,883
Tax preparation services.....	4.7	7.5	8.6	9.7	9.2	9.6	85	161	242	256	292	339
Accounting, credit, collection, and general.....	1.1	3.5	3.1	3.0	2.8	3.2	20	165	148	128	118	139
Other.....	1.7	8.3	23.2	25.1	28.6	35.5	101	518	3,543	4,479	5,022	6,579
Campgrounds.....	(NA)	1.0	1.0	1.0	1.0	1.0	(NA)	61	113	97	108	121
Construction, home improvement, maintenance, and cleaning.....	7	10.8	13.3	14.1	14.9	16.6	63	639	1,269	1,382	1,430	1,665
Convenience stores.....	8.8	13.5	14.1	14.7	15.5	16.5	1,727	3,906	5,013	6,132	6,909	7,628
Educational products and services.....	4.9	1.3	2.3	2.7	3.1	3.6	86	173	284	267	319	365
Equipment rental services.....	(³)	1.4	1.5	1.7	1.8	2.0	(³)	157	236	289	323	353
Food retailing ⁵	(NA)	11.8	14.7	14.5	15.3	16.3	(NA)	1,445	6,120	6,512	7,176	7,893
Hotels and motels.....	3.4	5.4	5.2	5.3	5.5	5.9	3,540	4,540	5,651	6,625	7,380	8,108
Laundry, dry cleaning services.....	4.1	3.2	2.7	2.7	2.7	2.9	144	214	245	268	285	317
Recreation, entertainment, travel.....	2.7	3.4	4.1	4.3	4.5	4.9	77	162	291	380	433	544
Soft drink bottlers ²	2.7	2.4	2.1	2.0	1.9	1.8	4,102	8,165	10,946	12,194	14,146	16,128
Miscellaneous.....	4.8	2.7	1.7	2.5	3.2	4.2	295	414	284	363	466	621

NA Not available. ¹ Estimated by respondents. ² Estimated by source on basis of Bureau of the Census and trade association data. ³ Equipment rental services included with auto, truck rental services. ⁴ Includes some establishments with significant sales of nonautomotive products such as household appliances, garden supplies, etc. ⁵ Excludes convenience stores.

⁶ Includes soft drinks, fruit drinks and ades, syrups, flavoring agents and bases. Excludes independent private label and contract-filler bottling companies, which accounted for 22 percent in 1981 of the value of shipments of the total industry.

Source: U.S. Dept. of Commerce, Bureau of Industrial Economics, *Franchising in the Economy, 1979-81*.

NO. 1479. WHOLESALE TRADE—SUMMARY: 1948 TO 1977

[Prior to 1958, excludes Alaska and Hawaii. 1972 and 1977 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 43-47, and T 274-279]

ITEM	Unit	1948	1954	1958	1963	1967	1972	1977
Firms, total.....	1,000.....	(NA)	(NA)	(NA)	232	233	276	289
Establishments, total.....	1,000.....	216	250	287	308	311	370	383
With sales of \$1,000,000 or more.....	1,000.....	21	(NA)	(NA)	62	75	103	152
Sales, all establishments.....	Bil. dol.....	180.6	234.0	285.7	358.4	459.5	695.2	1,258.4
Merchant wholesalers.....	Bil. dol.....	76.5	100.1	122.1	157.4	206.1	353.9	676.1
Inventories, end of year.....	Bil. dol.....	10.0	13.0	15.0	20.1	28.1	45.7	82.3
Payroll, entire year.....	Bil. dol.....	7.7	10.9	13.2	18.1	23.9	36.9	58.3
Paid employees, Mar. 15 workweek ¹	1,000.....	2,305	2,555	2,808	3,089	3,519	4,026	4,397
Active proprietors of unincorporated businesses.....	1,000.....	131	150	158	133	122	(NA)	(NA)

NA Not available. ¹ 1948-1963 data for workweek including Nov. 15.

Source: U.S. Bureau of the Census, *U.S. Census of Business*, 1948, vol. IV; 1954, vol. III; 1958, vol. III; 1963, vol. IV; 1967, vol. III; and *Census of Wholesale Trade*, 1972, vol. I and 1977, WC 77-A-52.

NO. 1480. WHOLESALE TRADE—MERCHANT WHOLESALERS SALES, STOCKS, AND STOCK-SALES RATIO: 1960 TO 1981

[In billions of dollars, except ratios. Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III. See *Historical Statistics, Colonial Times to 1970*, series T 375-383, for sales]

ITEM	1960 ¹	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981 ² ³
All establishments: Sales ⁴	139.9	187.3	287.3	456.2	573.0	559.5	608.3	671.8	776.6	915.2	1,043.9	582.8
Stocks, end of year ²	14.1	18.3	32.8	45.4	56.9	56.7	64.1	72.3	83.5	93.8	105.5	107.2
Stock-sales ratio ⁵	1.22	1.15	1.29	1.11	1.07	1.21	1.19	1.21	1.21	1.17	1.14	1.09
Durable goods: Sales ⁴	58.6	82.9	127.2	202.0	246.8	229.5	257.4	297.3	354.2	410.1	438.4	243.7
Stocks, end of year ²	8.1	10.6	19.7	27.4	35.3	36.7	41.4	47.0	54.4	60.3	67.9	70.6
Stock-sales ratio ⁵	1.69	1.49	1.77	1.53	1.50	1.89	1.83	1.77	1.72	1.68	1.75	1.70
Nondurable goods: Sales ⁴	81.3	104.5	160.1	254.1	326.2	329.9	350.9	374.6	422.4	505.1	605.4	339.1
Stocks, end of year ²	6.0	7.7	13.1	18.0	21.7	20.0	22.7	25.3	29.1	33.5	37.8	36.6
Stock-sales ratio ⁵	.89	.87	.91	.77	.74	.73	.73	.77	.78	.75	.70	.85

¹ Excludes Alaska and Hawaii. ² Seasonally adjusted. ³ January to June. ⁴ Annual totals. ⁵ Source: U.S. Bureau of Economic Analysis. In *Survey of Current Business*, monthly. Ratio of average stocks to average monthly sales. Average stocks based on weighted averages of end-of-month figures.

Source: Except as noted, U.S. Bureau of the Census. In *Current Business Reports*, series BW, *Monthly Wholesale Trade*.

NO. 1481. WHOLESALE TRADE, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1972 AND 1977

[See also *Historical Statistics, Colonial Times to 1970*, series T 274-287 and T 352-369]

TYPE OF OPERATION AND KIND OF BUSINESS	ESTABLISHMENTS (1,000)		SALES ¹ (1,000)		PAYROLL ² (mil. dol.)		PAID EMPLOYEES ³ (1,000)	
	1972	1977	1972	1977	1972	1977	1972	1977
Wholesale trade	369.8	382.8	695,224	1,258,400	36,893	58,290	4,026	4,397
Merchant wholesalers.....	290.0	307.3	353,919	676,058	25,916	42,067	3,023	3,368
Manufacturers' sales branches, offices.....	47.2	40.5	255,679	451,855	9,029	13,241	795	806
Merchandise agents, brokers.....	32.6	35.1	85,626	130,488	1,948	2,981	208	222
Kind of business:								
Motor vehicles, automotive equipment.....	36.5	38.9	83,016	147,112	3,415	5,148	392	423
Furniture, home furnishings.....	9.5	11.1	12,359	22,032	926	1,445	97	110
Lumber, construction materials.....	15.9	15.7	28,095	46,179	1,725	2,502	181	180
Sporting, recreational, photographic goods ⁴	6.7	6.6	11,146	16,521	852	1,024	85	77
Metals and minerals, except petroleum.....	8.0	9.4	43,488	80,298	1,358	2,178	127	133
Electrical goods.....	21.2	24.9	49,349	69,999	2,603	3,922	257	277
Hardware, plumbing, heating equipment.....	17.4	18.6	18,600	30,605	1,714	2,576	181	194
Machinery, equipment, supplies.....	73.8	84.0	80,892	165,057	8,000	14,350	800	986
Paper, paper products.....	10.7	11.7	17,280	32,509	1,291	2,103	130	149
Drugs, drug proprietaries ⁵	4.0	3.6	12,666	19,445	803	1,148	89	89
Apparel, piece goods, notions.....	12.4	13.0	27,933	39,895	1,389	1,830	134	131
Groceries and related products.....	38.5	38.0	106,457	182,905	4,834	7,469	580	602
Farm-product raw materials.....	14.8	14.8	52,401	110,332	709	1,273	118	135
Chemicals, allied products.....	6.4	8.5	24,621	51,681	885	1,603	78	100
Petroleum, petroleum products.....	31.3	22.6	46,284	116,780	1,547	2,249	194	179
Beer, wines, distilled alcoholic beverages.....	7.0	6.7	19,885	26,979	1,185	1,841	111	122
Miscellaneous.....	55.7	54.9	60,952	100,090	3,658	5,628	474	511

¹ Includes sales taxes and finance charges in 1972 but not in 1977. ² Entire year. ³ Week including Mar. 12.

⁴ Includes toys, hobby goods, and supplies. ⁵ Includes druggists sundries.

Source: U.S. Bureau of the Census, *Census of Wholesale Trade*, 1972, vol. I, and 1977, Geographic Area Series, WC 77-A-52.

NO. 1482. WHOLESALE TRADE—SUMMARY, BY STATES: 1972 AND 1977

STATE	1972			1977						
	Estab- lishments	Sales ¹ (bil. dol.)	Payroll, entire year (mil. dol.)	Estab- lishments	Sales ¹ (bil. dol.)	Payroll, entire year		Paid employ- ees ² (1,000)	Merchant wholesalers	
						Total (mil. dol.)	Per- cent of oper- ating ex- penses		Estab- lishments	Sales ¹ (bil. dol.)
U.S.....	369,791	695.2	36,893	382,837	1,258.4	58,290	49.1	4,397	307,264	676.1
N.E.	18,577	33.9	2,053	18,830	58.4	2,969	49.1	225	15,252	32.0
Maine.....	1,625	1.9	125	1,580	2.8	178	50.4	17	1,380	2.0
N.H.....	1,092	1.1	86	1,223	2.0	148	49.2	12	1,016	1.6
Vt.....	714	.7	50	746	1.0	75	49.5	7	664	.8
Mass.....	9,226	19.3	1,119	9,107	30.2	1,550	49.2	113	7,177	14.8
R.I.....	1,479	2.1	142	1,480	3.1	206	50.3	17	1,280	2.1
Conn.....	4,441	8.8	530	4,694	19.2	812	48.5	59	3,735	10.7
M.A.	69,469	164.6	8,226	68,682	274.4	11,585	47.1	804	55,613	154.1
N.Y.....	39,984	100.4	4,686	38,149	165.4	6,115	46.1	411	31,324	103.2
N.J.....	11,754	31.8	1,661	12,997	55.3	2,852	45.9	182	10,348	25.7
Pa.....	17,731	32.4	1,878	17,536	53.7	2,818	50.7	211	13,941	25.1
E.N.C.	68,175	137.3	7,408	67,201	249.0	11,580	50.7	818	52,770	119.8
Ohio.....	16,721	33.7	1,858	16,643	61.7	2,928	51.2	212	12,532	27.2
Ind.....	8,903	13.4	789	8,875	25.4	1,224	50.6	97	7,352	14.6
Ill.....	21,491	52.8	2,684	21,237	87.1	4,207	49.9	280	16,499	47.9
Mich.....	12,827	26.5	1,398	12,572	45.2	2,109	51.2	141	9,813	19.3
Wis.....	8,233	10.8	670	7,974	19.6	1,112	51.2	86	6,574	10.8
W.N.C.	41,111	64.5	3,101	39,814	119.7	5,133	49.3	407	32,739	69.9
Minn.....	8,716	15.1	786	8,625	29.1	1,284	50.5	94	6,823	16.0
Iowa.....	8,204	10.0	491	7,646	20.1	825	48.0	69	6,509	14.0
Mo.....	10,136	20.7	998	10,007	35.1	1,520	50.6	116	7,889	18.2
N. Dak.....	2,362	2.2	105	2,126	3.9	196	50.9	17	1,869	2.7
S. Dak.....	2,098	2.0	89	1,897	3.4	162	49.8	15	1,668	2.0
Nebr.....	4,262	6.4	282	4,164	10.6	494	48.9	42	3,573	6.4
Kans.....	5,313	8.2	351	5,349	17.5	653	48.2	54	4,408	10.5
S.A.	49,836	87.5	4,803	54,186	153.2	7,519	50.7	622	43,471	71.5
Del.....	733	2.5	132	770	5.2	192	51.0	12	649	1.2
Md.....	4,746	10.2	560	5,019	16.9	902	52.7	67	3,952	8.1
D.C.....	741	1.7	135	594	2.2	169	54.4	11	480	1.2
Va.....	5,772	10.3	589	6,254	19.1	955	52.4	79	5,017	9.1
W. Va.....	2,246	2.4	182	2,372	4.5	300	50.2	25	1,974	2.8
N.C.....	8,892	15.9	803	9,571	27.5	1,254	51.1	108	7,629	12.0
S.C.....	3,886	4.7	283	4,112	8.3	462	50.6	42	3,501	5.0
Ga.....	9,368	19.8	946	10,085	35.2	1,482	50.4	118	7,551	13.1
Fla.....	13,450	20.0	1,154	15,409	34.4	1,822	48.8	159	12,718	19.1
E.S.C.	20,630	33.3	1,698	21,844	63.9	2,860	50.5	248	17,772	36.6
Ky.....	4,709	7.0	372	5,133	13.5	647	49.9	56	4,169	7.4
Tenn.....	7,002	14.8	682	7,406	29.3	1,127	50.9	93	5,851	15.9
Ala.....	5,434	7.5	423	5,713	14.2	705	50.7	84	4,709	8.1
Miss.....	3,485	3.9	221	3,592	7.0	380	50.0	36	3,043	5.3
W.S.C.	39,537	62.2	3,218	42,323	127.4	5,810	49.4	478	33,983	71.8
Ark.....	3,580	3.4	204	3,685	6.8	362	50.6	34	3,183	5.1
La.....	6,418	9.8	544	6,800	19.6	956	50.1	81	5,558	12.5
Okla.....	5,205	6.8	350	5,488	13.4	639	60.3	53	4,496	7.7
Tex.....	24,334	42.2	2,120	26,370	87.7	3,853	49.0	310	20,746	46.5
Mt.	17,059	21.8	1,283	19,040	41.6	2,357	50.2	194	15,285	24.6
Mont.....	1,796	1.6	92	1,815	3.0	162	49.7	14	1,512	2.0
Idaho.....	1,939	1.7	110	2,037	3.2	211	49.4	20	1,701	2.4
Wyo.....	803	.7	33	879	1.9	76	48.2	8	699	1.6
Colo.....	4,754	8.0	436	5,457	15.6	791	50.8	61	4,197	7.9
N. Mex.....	1,768	1.5	102	1,969	2.7	192	49.5	17	1,647	1.9
Ariz.....	3,097	4.4	271	3,587	8.1	471	50.0	39	2,877	4.4
Utah.....	2,086	2.9	174	2,301	5.4	328	51.4	27	1,807	3.0
Nev.....	816	.9	67	995	1.7	127	49.3	9	845	1.3
Pac.	45,397	90.0	5,105	50,917	170.7	8,478	47.6	601	40,379	95.6
Wash.....	6,532	10.0	607	7,091	19.9	1,085	48.5	77	5,512	12.1
Oreg.....	4,591	9.3	463	4,904	18.1	765	48.3	53	3,899	11.4
Calif.....	32,431	68.6	3,866	36,704	128.6	6,334	47.3	449	29,223	70.0
Alaska.....	506	.6	44	649	1.6	116	51.6	6	484	.8
Hawaii.....	1,337	1.6	124	1,569	2.6	178	47.2	15	1,261	1.4

¹ Includes sales (or other taxes) and carrying charges or other charges for credit in 1972, but not for 1977. ² For week including March 12.

Source: U.S. Bureau of the Census, *Census of Wholesale Trade: 1972*, vol. II, and 1977, *Geographic Area Series*, WC 77-A-1-52.

NO. 1483. MERCHANT WHOLESALERS—ESTIMATED SALES, BY KIND OF BUSINESS: 1967 TO 1981

[In billions of dollars. Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III. See *Historical Statistics, Colonial Times to 1970*, series T 280-371, for related data]

KIND OF BUSINESS	1967	1970	1975	1977	1978	1979	1980	1981, Jan.-June ¹
Merchant wholesalers	233.4	267.3	559.5	671.8	776.6	915.2	1,043.9	582.8
Durable goods, total²	99.7	127.2	229.5	297.3	354.2	410.0	438.4	243.7
Motor vehicles and automotive equipment	14.1	21.4	39.7	55.1	66.3	75.5	81.6	45.4
Furniture and home furnishings	4.3	5.5	8.3	11.1	12.6	13.9	15.8	11.9
Lumber and construction materials	9.2	11.6	17.3	27.6	33.7	37.1	33.2	17.4
Electrical goods	12.4	15.0	22.7	30.4	36.2	41.8	46.4	26.4
Hardware, plumbing, and heating equipment	8.7	10.5	15.2	19.9	23.3	26.8	27.6	15.4
Machinery, equipment, and supplies	28.7	33.8	69.2	85.7	99.2	116.0	129.0	71.6
Nondurable goods, total²	133.6	160.1	329.9	374.6	422.4	505.1	605.4	339.1
Paper and paper products	6.4	7.4	11.2	15.0	17.0	19.3	21.6	12.2
Drugs, proprietaries, and sundries	4.7	5.6	8.8	10.1	10.7	11.6	13.1	7.5
Apparel, piece goods, and notions	8.9	10.2	14.7	17.9	21.4	23.0	25.8	14.0
Groceries and related products	42.5	54.4	95.8	111.6	125.8	136.5	149.9	81.3
Farm-product raw materials	24.0	24.8	83.3	80.2	92.7	106.4	120.2	64.9
Beer, wine, and distilled beverages	10.4	13.1	19.4	22.4	25.9	29.2	31.7	16.7
Petroleum and petroleum products	(S)	(S)	(S)	59.5	66.9	103.0	158.2	97.7

S Data do not meet publication standards. ¹ Seasonally adjusted. ² Includes kinds of business not shown separately.

NO. 1484. MERCHANT WHOLESALERS—INVENTORIES AND STOCK-SALES RATIOS, BY KIND OF BUSINESS: 1970 TO 1981

[Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III]

KIND OF BUSINESS	INVENTORIES ¹ (bil. dol.)						STOCK-SALES RATIOS ³ (percent)					
	1970	1975	1978	1979	1980	1981, ² June	1970	1975	1978	1979	1980	1981, ² June
Merchant wholesalers	32.8	56.7	83.5	93.8	105.5	107.2	133	119	122	114	109	112
Durable goods, total⁴	19.7	36.7	54.4	60.3	67.9	70.6	184	184	170	169	172	172
Motor vehicles, automotive equipment	2.9	6.6	9.6	10.3	11.6	11.2	153	174	164	153	162	147
Furniture and home furnishings	.7	1.2	1.8	2.0	2.2	2.3	148	162	159	170	166	160
Lumber, construction materials	1.2	2.0	3.3	3.6	3.5	3.7	124	126	107	121	117	134
Electrical goods	2.3	3.5	5.4	5.8	6.7	7.2	184	171	171	166	162	164
Hardware, plumbing, heating equipment	1.8	2.7	3.9	4.6	4.8	5.0	197	207	186	200	201	190
Machinery, equipment, and supplies	6.8	13.0	19.2	21.2	24.3	25.7	243	222	206	208	204	211
Nondurable goods, total⁴	13.1	20.0	29.1	33.5	37.6	36.6	94	72	79	72	66	67
Paper and paper products	.7	1.0	1.4	1.7	1.8	2.0	111	100	91	98	96	96
Drugs, proprietaries, and sundries	.7	1.0	1.5	1.5	1.6	1.7	136	129	159	148	137	131
Groceries and related products	2.4	4.4	6.6	6.9	7.9	8.0	54	56	59	59	58	58
Beer, wine, and distilled beverages	1.2	1.7	2.5	2.7	2.9	3.0	105	105	111	110	109	107
Petroleum and petroleum products	(S)	(S)	2.3	3.8	4.9	5.4	(S)	(S)	39	35	30	33

S Data do not meet publication standards. ¹ As of end of year, except 1981. Adjusted for seasonal variations.

² Preliminary. ³ Based on December adjusted sales and inventory estimates, except as indicated. ⁴ Includes kinds of business not shown separately.

Source of tables 1483 and 1484: U.S. Bureau of the Census, *Current Business Reports*, series BW, *Monthly Wholesale Trade*.

NO. 1485. MERCHANT WHOLESALERS—ESTABLISHMENTS, SALES, AND PAYROLL, BY SALES SIZE OF ESTABLISHMENTS: 1977

SALES SIZE	Estab- lish- ments (1,000)	Total sales (mil. dol.)	Per- cent sales	Pay- roll (mil. dol.)	SALES SIZE	Estab- lish- ments (1,000)	Total sales (mil. dol.)	Per- cent sales	Pay- roll (mil. dol.)
All establishments	307.3	676,058	100.0	42,067	With annual sales of—Con.				
Operated all year	281.7	656,670	97.1	40,942	\$1,000,000–\$1,999,999	44.6	63,112	9.3	6,397
With annual sales of—					\$2,000,000–\$4,999,999	37.0	114,684	17.0	9,578
Less than \$100,000	27.1	1,565	.2	270	\$5,000,000–\$9,999,999	13.3	91,862	13.6	6,149
\$100,000–\$199,999	32.2	4,724	.7	720	\$10,000,000–				
\$200,000–\$299,999	26.5	6,531	1.0	933	\$19,999,999	5.6	75,666	11.2	4,316
\$300,000–\$499,999	38.6	15,095	2.2	2,003	\$20,000,000 and over	3.6	245,457	36.3	6,056
\$500,000–\$999,999	53.2	38,173	5.6	4,521	Not operated all year	25.5	19,388	2.9	1,126

Source: U.S. Bureau of the Census, *Census of Wholesale Trade, 1977*, Size Report, WC 77-S-1.

NO. 1486. SELECTED SERVICES—SUMMARY: 1948 TO 1977

[Prior to 1958, excludes Alaska and Hawaii. 1972 and 1977 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 43-47 and T 391-401]

ITEM	Unit	1948	1954	1958	1963	1967	1972	1977
Firms, total	1,000	(NA)	(NA)	(NA)	1,017	1,136	¹ 1,525	¹ 1,764
Single unit establishments	1,000	(NA)	751	926	1,001	1,130	¹ 1,505	¹ 1,745
Multiunit establishments ²	1,000	(NA)	35	51	61	58	¹ 85	¹ 90
Establishments, total	1,000	665	786	979	1,062	1,188	¹ 1,590	¹ 1,835
With payroll	1,000	370	375	444	504	521	684	725
Receipts, total	Bil. dol.	13.3	23.5	32.5	44.6	60.5	¹ 113.0	¹ 179.5
For establishments with payroll	Bil. dol.	12.2	21.3	29.1	41.0	55.5	103.2	164.2
Average receipts per establishment	\$1,000	32.9	50.7	65.5	81.3	106.5	151.0	226.5
For establishments without payroll	Bil. dol.	1.1	2.2	3.4	3.6	5.0	9.7	15.3
Average receipts per establishment	\$1,000	3.8	5.5	6.3	6.4	7.5	10.7	13.8
By multiunit establishments ²	Bil. dol.	(NA)	5.7	9.2	13.9	22.0	37.8	63.5
Percent of total receipts	Percent	(NA)	24.3	28.3	31.1	36.4	33.5	35.4
Payroll entire year	Bil. dol.	4.2	6.5	9.0	12.2	17.5	¹ 33.4	¹ 56.1
Paid employees, March 12 workweek ⁴	1,000	2,100	2,362	2,904	3,262	3,841	¹ 5,305	¹ 6,337
Active proprietors of unincorporated businesses	1,000	667	781	896	1,017	1,082	(NA)	(NA)

NA Not available. ¹ Includes architectural, engineering, surveying, legal services, and dental labs. ² Establishments operated by firms at two or more locations. ³ 1977 receipts reflect commissions, fees, and other income of advertising agencies rather than gross billings as in previous censuses. (For 1972, the comparable receipts figure is \$105.4 billion.) ⁴ 1948-1963 data for Nov. 15 workweek.

Source: U.S. Bureau of the Census, *U.S. Census of Business: 1948*, vol. VI; *1954*, vol. VI; *1958*, vol. V; *1963*, vol. VI; *1967*, vol. V, Part 1; and *Census of Selected Service Industries, 1972*, vol. I, and 1977, SC 77-A-52.

NO. 1487. SELECTED SERVICES—RECEIPTS, BY KINDS OF BUSINESS: 1972 TO 1980

[In millions of dollars. Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III. Jan.-June data adjusted for seasonal variation and trading day differences]

KIND OF BUSINESS	1972	1974	1975	1976	1977	1978	1979	1980
Selected services, total.....	83,439	114,395	123,000	141,098	159,191	181,366	210,125	237,463
Hotels, motels, tourist courts, camps, and trailering parks	10,574	12,396	13,689	15,818	17,188	20,164	23,469	25,102
Hotels, motels, and tourist courts	10,027	11,757	13,002	15,129	16,413	19,443	22,226	23,638
Personal services ¹	13,908	14,843	15,661	16,788	18,374	20,255	22,205	23,589
Laundry, cleaning, and garment services	5,719	5,791	6,004	6,231	6,771	7,503	8,131	8,819
Beauty shops	3,007	3,313	3,376	3,529	4,176	4,734	5,150	5,443
Barber shops	885	885	947	988	1,104	1,113	1,158	1,232
Business services	37,754	47,494	50,551	59,295	67,691	78,184	93,583	111,160
Advertising	10,584	12,422	12,771	15,584	17,233	19,941	23,273	25,519
Automotive repair, services, and garages.....	12,040	15,142	16,582	18,816	21,415	24,942	29,336	32,117
Automotive repair shops.....	7,024	9,310	10,565	12,071	13,388	15,236	17,716	18,706
Miscellaneous repair services.....	5,785	8,097	8,908	10,301	12,708	14,623	15,782	17,168
Amusement and recreation services, incl. motion pictures	13,378	16,423	17,609	20,080	21,815	23,198	25,750	28,327

¹ Includes services not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BS, *Monthly Selected Services Receipts*.

NO. 1488. HOTEL AND MOTOR HOTEL OPERATIONS—OCCUPANCY RATIO, SALES INDEXES, AND ROOM RATE INDEX: 1960 TO 1980

[Excludes Alaska and Hawaii. Based on reports from approximately 500 lodging establishments]

ITEM	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Occupancy ratio (percent).....	65	62	55	54	62	66	65	62	66	68	72	71	67
Sales indexes (1967=100):													
Total sales.....	94	94	107	107	113	121	128	132	147	163	188	210	234
Room sales.....	90	91	112	113	121	129	137	145	164	185	218	249	283
Restaurant sales	97	97	100	100	106	112	118	119	129	139	156	167	180
Room rate index (1967=100)	86	91	125	128	132	139	150	165	178	194	220	255	295

Source: Lavenhol & Horwath, Philadelphia, Pa., *National Trend of Business in the Lodging Industry*, monthly. (Copyright, 1980, by Lavenhol & Horwath.)

No. 1489. SELECTED SERVICES, BY KIND OF BUSINESS: 1972 AND 1977

KIND OF BUSINESS	ESTABLISHMENTS WITH PAYROLL, 1972		ALL ESTABLISH- MENTS, 1977		ESTABLISHMENTS WITH PAYROLL, 1977			
	Re- ceipts ¹ (mil. dol.)	Paid employ- ees ² (1,000)	Num- ber (1,000)	Re- ceipts ¹ (mil. dol.)	Num- ber (1,000)	Re- ceipts ¹ (mil. dol.)	Pay- roll entire year (mil. dol.)	Paid employ- ees ² (1,000)
Selected services	95,676	5,305.2	1,834.7	179,515	725.1	164,219	56,055	6,337.3
Hotels, motels, trailering parks, camps	10,197	726.6	70.7	18,453	41.6	17,893	5,130	905.9
Hotels.....	4,745	347.0	12.5	9,884	10.4	9,837	3,094	484.2
Motels, motor hotels, tourist courts.....	5,089	364.1	39.3	7,835	26.7	7,578	1,933	409.9
Motels and tourist courts.....	3,854	273.1	(NA)	(NA)	24.3	5,736	1,409	305.5
Motor hotels.....	1,234	91.0	(NA)	(NA)	2.4	1,842	524	104.4
Sporting, recreational camps.....	225	10.5	5.3	277	2.2	230	59	5.6
Trailering parks, campsites for transients.....	139	5.0	13.5	457	2.2	247	44	6.2
Personal services	11,692	976.7	512.1	18,433	170.2	15,297	5,478	910.4
Laundry, cleaning, other garment services.....	5,334	468.3	75.4	6,829	46.5	6,326	2,288	381.0
Photographic studios.....	542	26.4	37.1	1,185	6.2	841	215	29.8
Beauty shops.....	2,418	279.3	196.1	4,274	74.5	3,992	1,634	289.0
Barber shops.....	394	38.2	68.6	982	11.5	433	182	27.7
Shoe repair, shoe shine, etc.....	126	8.6	9.6	239	3.1	150	40	7.2
Funeral service, crematories.....	2,071	70.2	19.6	2,827	15.1	2,652	639	71.8
Misc. personal services.....	807	85.8	105.7	2,088	13.1	1,503	480	124.0
Business services	27,932	1,759.4	458.2	54,500	154.8	49,999	20,852	2,297.4
Advertising.....	2,781	111.5	32.9	4,983	10.9	4,483	1,921	118.8
Service to dwellings, other buildings.....	2,307	333.5	67.3	4,597	28.3	4,210	2,256	426.3
Computer, data processing services.....	3,411	127.4	16.1	7,576	10.3	7,476	2,833	203.9
Management, consulting, public relations.....	3,549	149.2	143.8	8,349	24.7	6,653	2,839	208.8
Equipment rental, leasing services.....	2,205	60.8	29.3	5,102	12.0	4,729	1,086	87.2
Other business services ⁴	13,679	983.0	189.9	23,898	70.6	22,448	9,918	1,252.5
Credit reporting, collection agencies.....	803	63.1	(NA)	(NA)	6.1	1,238	539	64.2
Direct mail advertising services.....	538	33.3	(NA)	(NA)	1.7	843	278	31.5
Commercial photography, art, graphics.....	882	35.1	(NA)	(NA)	7.8	1,719	588	46.0
Temporary help supply services.....	918	179.2	(NA)	(NA)	4.2	2,324	1,703	331.5
Commercial research, development labs ⁵	1,764	72.5	(NA)	(NA)	1.8	2,026	843	48.5
Detective agencies, protective services.....	1,420	212.0	(NA)	(NA)	7.1	2,615	1,598	279.9
Photofinishing laboratories.....	1,165	44.4	(NA)	(NA)	3.0	1,673	523	64.3
Auto repair, services, garages	10,929	392.5	200.2	21,576	106.2	19,659	4,456	483.2
Automotive repair shops.....	6,134	237.9	154.2	12,770	80.7	11,283	3,090	316.3
General auto repair.....	2,569	98.2	87.0	5,633	37.2	4,641	1,173	128.3
Top and body repair.....	1,578	65.7	38.8	3,246	22.6	2,907	874	87.9
Other auto repair.....	1,988	74.0	28.4	3,891	20.9	3,735	1,043	100.0
Automotive rental and leasing, without drivers.....	3,486	62.7	12.4	6,407	8.7	6,290	834	75.5
Auto parking.....	711	37.3	8.9	1,008	8.2	992	211	33.9
Automotive services, exc. repair.....	597	54.7	24.7	1,391	8.7	1,092	320	57.6
Miscellaneous repair services	4,836	206.8	162.9	11,028	55.0	9,558	2,992	279.1
Electrical, electronic repair shops.....	1,729	74.4	52.5	3,581	19.1	3,077	1,001	95.2
Reupholstery, furniture repair.....	334	19.1	24.6	721	7.1	516	158	22.2
Other repair shops, related services.....	2,772	113.3	85.8	6,726	28.7	5,966	1,833	161.8
Amusement, recreation services, incl. motion pictures ⁴	12,860	653.0	176.8	21,143	61.8	19,756	5,272	660.3
Motion picture prod., distribution, services.....	2,857	64.7	10.7	5,412	5.5	5,314	1,377	88.4
Motion picture theaters.....	1,816	127.4	11.8	2,606	10.7	2,570	462	112.2
Producers, orchestras, entertainers ⁶	1,111	58.4	67.7	2,361	8.7	1,768	524	50.1
Bowling alleys, billiards, pool establishments.....	1,142	94.9	11.3	1,768	8.0	1,702	490	108.1
Other amusement and recreation services ⁶	5,735	307.7	75.2	8,997	30.8	8,401	2,419	301.5
Membership sports and recreation clubs ⁶	1,599	116.5	(NA)	(NA)	6.3	1,148	385	59.5
Museums, botanical and zoological gardens (commercial) ⁶	(NA)	(NA)	(NA)	(NA)	.5	97	28	3.8
Dental laboratories	519	29.8	10.3	948	6.3	862	367	35.6
Legal services ⁶	9,724	267.7	167.9	18,696	94.9	17,147	5,217	392.0
Engineering, architecture, surveying	7,186	292.6	75.6	14,737	34.4	14,049	6,292	373.2

NA Not available. ¹ Includes sales, occupancy, admissions, or other taxes collected from customers and forwarded to taxing authorities in 1972, but not in 1977. ² Week including Mar. 12. ³ Adjusted to reflect changes in measuring 1977 receipts data for advertising agencies. ⁴ Includes other services not shown separately. ⁵ 1972 not strictly comparable with 1977 since 1977 data are only for establishments paying Federal income taxes. For data pertaining to tax-exempt establishments, see table 1491. ⁶ Includes expense-sharing associations in 1977. ⁷ For services rendered in 1972, whether or not payment received in 1972. ⁸ For payments received in 1977, regardless of when services provided.

Source: U.S. Bureau of the Census, *Census of Selected Service Industries: 1972*, vol. I, and 1977, U.S. Summary, SC 77-A-52.

NO. 1490. SELECTED SERVICE INDUSTRIES—SUMMARY, BY STATES: 1977

[Discrepancies in figures identified after tabulation process was completed have been corrected only at level significantly affected; hence, detail may not add to total]

STATE	ALL ESTABLISHMENTS		ESTABLISHMENTS WITH PAYROLL				BUSINESS SERVICES		PERSONAL SERVICES		AUTO REPAIR, AUTO SERVICES, TRAILERING PARKS, GARAGES	
	Number (1,000)	Re-ceipts (mil. dol.)	Number (1,000)	Re-ceipts (mil. dol.)	Pay-roll, entire year (mil. dol.)	Paid employ-ees (1,000)	Estab-lishments	Re-ceipts (mil. dol.)	Estab-lishments	Re-ceipts (mil. dol.)	Estab-lishments	Re-ceipts (mil. dol.)
U.S.....	1,834.7	179,515	725.1	164,219	56,055	6,337.3	458,232	54,500	512,140	18,433	200,153	21,576
N.E.....	110.9	9,291	42.7	8,348	2,878	334.1	28,863	3,065	27,318	1,016	10,692	1,127
Maine.....	10.4	527	3.7	456	131	18.2	1,668	70	2,943	65	1,346	106
N.H.....	8.9	547	3.2	477	152	20.2	1,987	102	2,226	65	982	79
Vt.....	5.1	299	1.9	263	81	13.8	940	42	1,290	30	579	31
Mass.....	52.6	5,025	19.5	4,549	1,621	175.9	15,020	1,830	12,589	504	4,876	532
R.I.....	7.5	534	3.2	476	166	20.9	1,689	158	2,200	74	824	81
Conn.....	26.4	2,359	11.2	2,127	727	85.1	8,559	863	6,070	278	2,085	298
M.A.....	307.7	35,976	124.6	33,262	11,541	1,154.7	84,859	12,942	81,203	3,107	30,615	3,481
N.Y.....	156.8	21,327	64.5	19,954	6,891	631.8	46,628	8,250	38,096	1,562	12,505	1,629
N.J.....	60.2	6,243	26.8	5,711	2,062	218.7	18,649	2,257	13,860	626	5,907	746
Pa.....	90.7	8,406	33.3	7,597	2,588	304.2	19,582	2,435	29,247	919	12,203	1,106
E.N.C.....	311.1	29,361	119.0	26,727	9,223	1,046.6	76,123	8,982	92,328	3,598	32,683	4,007
Ohio.....	76.9	7,060	31.4	6,446	2,194	267.8	17,236	1,895	22,489	936	8,811	1,070
Ind.....	41.3	2,766	14.7	2,447	781	106.3	8,130	651	14,497	450	5,076	493
Ill.....	96.9	10,567	34.1	9,644	3,366	347.0	28,109	3,844	28,806	1,092	8,650	1,083
Mich.....	60.6	6,389	24.9	5,882	2,059	218.9	14,268	1,925	17,317	771	6,487	981
Wis.....	35.4	2,579	13.9	2,308	793	106.6	8,380	667	9,219	349	3,659	370
W.N.C.....	153.2	10,959	54.2	9,762	3,232	417.9	30,392	2,951	51,132	1,416	18,463	1,649
Minn.....	34.2	2,785	11.8	2,514	862	109.6	6,887	818	10,541	332	3,671	360
Iowa.....	27.3	1,560	9.2	1,347	409	60.2	5,315	347	9,836	230	3,428	281
Mo.....	43.5	3,748	15.7	3,401	1,157	136.0	10,161	1,155	14,224	431	5,290	524
N. Dak.....	5.4	319	2.0	279	88	12.6	776	54	1,753	49	645	56
S. Dak.....	6.4	309	2.3	263	73	11.5	787	42	2,137	46	781	49
Nebr.....	14.8	976	5.5	863	280	40.1	2,506	233	5,034	126	1,914	173
Kans.....	21.6	1,262	7.7	1,095	343	47.9	3,950	302	7,605	202	2,733	206
S.A.....	273.5	26,219	118.7	24,145	8,329	1,034.5	63,503	7,156	77,925	2,859	30,983	3,174
Del.....	4.4	407	1.9	376	127	16.6	1,062	129	1,245	43	458	55
Md.....	32.9	3,358	12.6	3,093	1,214	132.0	9,441	1,253	8,845	351	2,778	346
D.C.....	8.6	1,842	4.0	1,760	631	60.4	3,114	575	1,757	95	561	107
Va.....	36.8	3,613	15.9	3,365	1,220	138.0	9,139	1,217	10,820	422	3,865	412
W. Va.....	11.4	824	4.7	749	231	30.8	1,668	131	4,069	127	1,391	100
N.C.....	41.1	2,752	16.6	2,471	790	112.7	6,942	601	14,757	458	5,996	464
S.C.....	19.6	1,420	8.5	1,285	415	60.8	3,280	252	6,663	199	2,687	195
Ga.....	36.9	3,454	16.0	3,184	1,048	133.6	7,824	929	11,544	388	4,826	495
Fla.....	81.8	8,549	36.5	7,862	2,653	349.6	21,033	2,068	18,225	776	8,421	1,000
E.S.C.....	92.7	6,910	38.1	6,211	2,022	274.6	16,207	1,714	31,423	1,003	12,319	1,047
Ky.....	24.0	1,597	8.8	1,396	435	63.2	4,171	323	8,074	265	3,138	217
Tenn.....	32.2	2,729	13.2	2,481	838	106.8	5,940	816	10,592	365	4,120	397
Ala.....	21.9	1,696	10.0	1,548	511	68.1	3,851	416	7,516	238	3,086	277
Miss.....	14.6	888	6.1	786	238	36.5	2,245	160	5,241	135	1,965	156
W.S.C.....	180.9	16,928	74.1	15,437	5,074	612.1	40,056	4,929	53,548	1,848	23,501	2,112
Ark.....	16.4	922	6.3	798	233	36.0	2,461	162	5,635	145	2,610	196
La.....	27.5	2,941	12.0	2,712	858	108.4	5,507	989	8,162	255	3,219	295
Okla.....	25.7	1,661	9.4	1,447	466	61.1	5,272	439	8,466	226	3,322	246
Tex.....	111.3	11,404	46.4	10,480	3,517	406.6	26,816	3,429	31,285	1,222	14,350	1,375
Mt.....	100.7	10,727	40.6	9,943	3,136	391.6	24,520	2,454	24,622	825	11,044	1,097
Mont.....	8.0	449	3.0	386	114	17.8	1,413	68	2,067	52	1,035	72
Idaho.....	8.1	569	2.9	505	209	22.3	1,547	197	2,235	58	997	71
Wyo.....	4.8	373	2.1	334	92	12.5	847	54	1,097	28	519	45
Colo.....	30.1	2,481	11.7	2,246	757	94.3	8,007	696	7,567	242	3,036	324
N. Mex.....	9.7	1,059	4.3	992	351	36.0	2,129	496	2,339	77	1,233	99
Ariz.....	20.6	1,853	8.7	1,687	557	75.9	5,733	496	4,442	190	2,282	254
Utah.....	11.4	838	4.3	756	244	33.5	2,817	230	3,203	86	1,251	135
Nev.....	8.0	3,105	3.6	3,037	992	99.3	2,027	217	1,672	92	691	97
Pac.....	304.1	33,143	115.0	30,383	10,442	1,071.2	92,709	10,308	72,641	2,763	29,853	3,881
Wash.....	34.4	2,984	13.2	2,726	892	98.2	8,299	923	9,176	301	3,715	386
Oreg.....	23.1	1,752	8.7	1,565	507	65.4	5,532	476	5,999	208	2,670	262
Calif.....	234.2	26,617	88.3	24,407	8,484	844.7	75,178	8,602	54,695	2,139	22,149	3,015
Alaska.....	4.4	514	1.5	469	169	13.5	1,349	134	844	32	455	54
Hawaii.....	8.0	1,276	3.3	1,216	390	49.4	2,351	173	1,927	83	864	164

¹ Week including Mar. 12.

Source: U.S. Bureau of the Census, *Census of Service Industries, 1977*, Geographic Area Series, SC 77-A-1 through 52.

NO. 1491. TAX-EXEMPT AND SELECTED TAXABLE SERVICE INDUSTRIES—SUMMARY: 1977

[Covers taxable service industry establishments covered for the first time in the 1977 Census of Service Industries and also tax-exempt service industry establishments with payroll. Establishments indicating all or part of their income was exempt from Federal income tax under provisions of section 501 or 521 of the IRS code were classified as tax-exempt]

KIND OF BUSINESS OR OPERATION	ALL ESTABLISHMENTS		ESTABLISHMENTS WITH PAYROLL					
	Number (1,000)	Re-ceipts or ex-penses ¹ (mil. dol.)	Number (1,000)	Re-ceipts or ex-penses ¹ (mil. dol.)	Entire year (mil. dol.)	As percent of receipts or ex-penses ¹	First quarter (mil. dol.)	Paid employ-ees ² (1,000)
Taxable service industries	944.2	76,211.6	363.7	68,122.7	27,766.4	40.8	6,653.5	2,587.6
Arrangement of passenger transportation ³	19.4	1,727.3	13.2	1,599.8	631.5	39.5	146.7	69.8
Travel agencies	(NA)	(NA)	10.9	1,131.0	463.0	40.9	107.4	52.3
Tour operators	(NA)	(NA)	1.2	353.5	123.5	34.9	29.0	11.5
Rooming, boarding, and membership lodging	9.0	301.9	3.1	234.4	59.5	25.4	16.8	12.7
Rooming and boarding houses	(NA)	(NA)	2.4	182.6	46.0	25.2	13.3	9.8
Organization hotels, lodging houses, membership basis	(NA)	(NA)	.7	51.8	13.5	26.1	3.5	2.9
Health service, exc. dental labs ^{3, 4}	433.8	58,181.9	272.4	54,645.9	22,378.8	41.0	5,334.0	1,988.0
Physicians offices	189.1	28,756.5	136.2	26,948.8	11,854.5	44.0	2,833.0	824.0
Dentist offices	99.3	10,007.2	82.7	9,528.7	3,043.9	31.9	727.1	284.4
Osteopathic physicians offices	5.9	778.3	5.2	755.0	307.7	40.8	72.9	20.3
Chiropractors offices	14.3	679.7	7.6	536.2	110.0	20.5	27.3	15.6
Optometrists offices	16.6	1,551.9	12.1	1,397.6	289.1	20.7	69.3	32.2
Nursing and personal care facilities	30.4	7,343.7	10.8	7,194.9	3,549.4	49.3	840.5	662.9
Skilled nursing care facilities	(NA)	(NA)	5.7	5,191.0	2,586.5	49.8	611.0	482.0
Hospitals	1.0	4,743.9	1.0	4,743.9	1,793.3	37.8	426.2	202.8
Gen. medical and surgical hospitals	(NA)	(NA)	.8	4,281.8	1,595.1	37.3	380.3	180.4
Medical laboratories	5.4	1,510.7	4.4	1,484.8	593.0	39.9	142.6	52.3
Educational services ⁵	85.1	2,278.0	9.1	1,806.2	706.4	39.1	172.9	94.8
Elementary and secondary schools ⁶	(NA)	(NA)	2.2	273.1	144.5	52.9	38.2	25.8
Colleges, univer., prof. schools, junior colleges	(NA)	(NA)	.1	150.6	89.1	45.9	16.2	7.8
Correspondence and vocational schools	(NA)	(NA)	2.6	841.0	302.2	35.9	72.8	34.1
Voc. schools, exc. voc. high, n.e.c. ⁶	(NA)	(NA)	1.5	436.4	152.9	35.0	36.1	17.1
Schools and educational serv., n.e.c. ⁶	(NA)	(NA)	4.0	531.5	185.7	34.9	44.3	26.2
Social services and misc. ⁷	396.9	13,722.6	65.8	9,836.3	3,990.2	40.6	983.2	422.3
Accounting, auditing, bookkeeping services	126.1	7,990.5	39.3	7,276.9	2,917.2	40.1	723.6	230.9
Social and other misc. services	270.7	5,732.1	26.4	2,559.4	1,072.9	41.9	259.5	191.4
Social services	(NA)	(NA)	23.1	2,038.5	865.9	42.5	208.1	177.4
Child day care services	(NA)	(NA)	14.2	759.6	338.8	44.6	85.3	87.5
Tax-exempt service industries ⁸	(X)	(X)	165.6	85,371.6	41,690.9	48.8	9,949.5	4,950.5
Sporting and recreational camps	(X)	(X)	.8	82.7	28.1	34.0	5.0	3.1
Organization hotels, lodging houses, on membership basis	(X)	(X)	3.1	219.9	50.9	23.2	14.2	13.3
Miscellaneous business services	(X)	(X)	.4	1,214.4	594.7	49.0	140.7	35.6
Commercial research and dev. labs ⁷	(X)	(X)	.3	1,148.2	555.3	48.4	131.4	32.3
Selected amusement, rec., services	(X)	(X)	7.1	2,130.1	940.3	44.1	199.8	121.6
Producers, orchestras, entertainers ⁷	(X)	(X)	1.2	524.1	245.7	46.9	61.5	27.2
Membership, sports, rec. clubs ⁷	(X)	(X)	5.9	1,606.0	694.6	43.3	138.3	94.4
Health services ⁸	(X)	(X)	12.3	43,960.8	22,848.7	52.0	5,439.2	2,431.0
Hospitals	(X)	(X)	3.6	39,196.7	20,332.6	51.9	4,843.6	2,098.0
Legal aid societies and similar legal services	(X)	(X)	1.1	259.0	153.2	59.2	34.6	12.4
Educational services ⁹	(X)	(X)	9.2	14,026.2	7,224.4	51.5	1,763.4	932.3
Elementary and secondary schools ⁵	(X)	(X)	3.3	1,296.1	744.6	57.4	190.4	99.4
Colleges, universities, professional schools, junior colleges	(X)	(X)	1.8	12,027.6	6,164.3	51.3	1,497.0	783.6
Social services ⁹	(X)	(X)	41.0	8,294.9	4,124.2	49.7	982.3	676.5
Individual and family social services	(X)	(X)	12.4	2,236.9	1,143.4	51.1	266.0	167.4
Job training, vocational rehab. services	(X)	(X)	3.4	1,048.4	610.7	58.3	133.9	138.4
Child day-care services	(X)	(X)	10.6	829.2	494.8	59.7	123.6	102.4
Residential care	(X)	(X)	5.6	1,957.4	880.8	47.4	209.6	135.1
Museums, art galleries, botanical, zoological gardens ⁷	(X)	(X)	2.3	613.1	267.0	43.5	62.4	32.6
Noncommercial ⁷	(X)	(X)	1.8	483.1	210.6	43.6	50.3	25.4
Museums, botanical, zoological gardens (commercial)	(X)	(X)	.4	130.0	56.3	43.3	12.1	7.2
Membership organ., exc. religious ⁹	(X)	(X)	82.7	12,067.8	4,407.2	36.5	1,075.0	600.1
Business associates	(X)	(X)	11.7	2,308.4	821.6	35.6	200.6	68.8
Professional membership organization	(X)	(X)	4.9	1,284.6	432.3	33.7	104.7	34.6
Labor unions, similar labor organizations	(X)	(X)	23.4	3,468.4	1,303.7	37.6	316.6	179.0
Civic, social, fraternal associations	(X)	(X)	34.1	3,606.5	1,341.5	37.2	330.7	255.9
Noncommercial ed., scientific, research organizations	(X)	(X)	1.9	1,437.3	594.7	41.4	146.9	47.8

NA Not available X Not applicable. ¹ Pertains to receipts for taxable establishments and expenses for tax-exempt establishments. ² For the week including March 12. ³ Includes other kinds of businesses, not shown separately. ⁴ For similar data on tax-exempt establishments, see below. ⁵ Excludes schools operated by religious organizations. ⁶ N.e.c.=Not elsewhere classified. ⁷ For similar data on taxable establishments, see table 1489. ⁸ For similar data on taxable establishments, see above.

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Section 31

Foreign Commerce and Aid

This section presents data on the flow of goods, services, and capital between the United States and other countries; changes in official reserve assets of the United States; international investments; foreign assistance programs; and import duties.

The Bureau of Economic Analysis publishes current figures on U.S. international transactions and the U.S. international investment position in its monthly *Survey of Current Business*. Figures for earlier periods are presented in *Balance of Payments—Statistical Supplement*, 1963 revised edition, in the periodic *Foreign Grants and Credits by the United States Government*, and in the June issues of the *Survey of Current Business*. Statistics for the foreign aid programs are presented by the Agency for International Development (AID) in its annual *U.S. Overseas Loans and Grants and Assistance from International Organizations*; and by the Department of Agriculture in its *Foreign Agricultural Trade of the United States*.

The principal source of merchandise import and export data is the Bureau of the Census. Current data are presented monthly in Report FT 135, *U.S. General Imports, Schedule A: Commodity by Country*; Report FT 410, *U.S. Exports, Schedule E: Commodity by Country*; and Report FT 990, *Highlights of U.S. Export and Import Trade*. The *Bureau of the Census Catalog* and the *Guide to Foreign Trade Statistics* lists the Bureau's monthly and annual reports in this field. In addition, the International Trade Administration and the Bureau of Economic Analysis present summary as well as selected commodity and country data for U.S. foreign trade in the *Overseas Business Reports* and the *Survey of Current Business*, respectively. The merchandise trade data in the latter source include balance of payments adjustments to the census data. The Treasury Department's *Annual Report of the Secretary* contains information on import duties.

International accounts.—The international transactions tables (Nos. 1492–1494) show, for given time periods, the transfer of goods, services, grants, and financial assets and liabilities between the United States and the rest of the world. The *international investment position table* (No. 1495) presents, for specific dates, the value of U.S. investments abroad and of foreign investments in the United States. The movement of foreign and U.S. capital as presented in the balance of payments is not the only factor affecting the total value of foreign investments. Among the other factors are: Changes in the valuation of assets or liabilities, including securities, defaults, expropriations, and write-offs.

Direct investment abroad means ownership or control, direct or indirect, by one U.S. person or business enterprise of 10 percent or more of the voting securities of an incorporated foreign business enterprise or an equivalent interest in an unincorporated foreign business enterprise. Direct investment position is the yearend value of U.S. parents' claims on the equity of, and receivables due from, foreign affiliates less foreign affiliates' receivables due from the United States. Income consists of U.S. parents' shares in earnings (net of foreign income taxes) of their foreign affiliates plus net interest on intercompany accounts, less withholding taxes on dividends and interests.

Foreign aid.—Foreign assistance is divided into three major categories—grants (military supplies and services and other grants), credits, and other assistance (through net accumulation of foreign currency claims from the sale of agricultural commodities). *Grants* are transfers for which no payment is expected (other than a limited percentage of the foreign currency "counterpart" funds generated by the grant), or which at most involve an obligation on the part of the receiver to extend aid to the United States or other countries to achieve a common objective. *Credits* are loan disbursements or transfers under other agreements which give rise to specific obligations to repay, over a period of years, usually with interest. All known returns to the U.S. Government stemming from grants and credits (reverse grants, returns of grants, and payments of principal) are taken into account in net grants and net credits, but no allowance is made for interest or commissions. *Other assistance* represents the transfer of U.S. farm products in exchange for foreign currencies (plus, since enactment of Public Law 87–128, currency claims from principal and interest collected on

credits extended under the farm products program), less the Government's disbursements of the currencies as grants, credits, or for purchases. The net acquisition of currencies represents net transfers of resources to foreign countries under the agricultural programs, in addition to those classified as grants or credits.

Figures as published in the *Foreign Grants and Credits* series are not identical with figures shown for Government unilateral transfers and capital in the balance of payments, mainly because of differences in treatment of particular items by the two sets of accounts. Such items include contributions to the multilateral construction program of the North Atlantic Treaty Organization, government investments in certain productive enterprises abroad, government receipts on funded claims, and net changes in foreign currency holdings resulting from transactions other than those under the farm products program, such as collections of principal and interest and purchases for dollars.

The basic instrument for extending military aid to friendly nations has been the Mutual Defense Assistance Program authorized by the Congress in 1949. Prior to 1952, economic and technical aid was authorized in the Foreign Assistance Act of 1948, the 1950 Act for International Development, and other legislation which set up programs for specific countries. In 1952, these economic, technical, and military aid programs were combined under the Mutual Security Act, which in turn was followed by the Foreign Assistance Act passed in 1961. Appropriations to provide military assistance to certain countries in Southeast Asia were made in the Department of Defense Appropriation Act (rather than the Foreign Assistance Appropriation Act) beginning in 1966 and in other legislation concerning programs for specific countries (such as Israel). Figures on activity under the Foreign Assistance Act as reported in the *Foreign Grants and Credits* series differ from data published by AID or its immediate predecessors due largely to differences in reporting, timing, and treatment of particular items.

Exports.—The Bureau of the Census compiles export data primarily from Shipper's Export Declarations required to be filed with customs officials for shipments leaving the United States. They include U.S. exports under mutual security programs and exclude shipments to U.S. Armed Forces for their own use.

The value reported in the export statistics is generally equivalent to a free alongside ship (f.a.s.) value at the U.S. port of export, based on the transaction price, including inland freight, insurance, and other charges incurred in placing the merchandise alongside the carrier at the U.S. port of exportation. This value, as defined, excludes the cost of loading merchandise aboard the exporting carrier and also excludes freight, insurance, and any other charges or transportation and other costs beyond the U.S. port of exportation. The country of destination is defined as the country of ultimate destination or country where the merchandise is to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. When ultimate destination is not known, the shipment is statistically credited to the last country to which the shipper knows the merchandise will be shipped in the same form as exported.

For certain low-valued shipments, the export statistics since July 1953 include estimates based upon selected samples of such shipments with lower and upper value limits of the sampled shipments varying (Canada excepted) from \$100-\$499 for July 1953-September 1969, \$251-\$499 for October 1969-February 1978, and \$501-\$999 since March 1979. For Canada, upper-value limits were raised to \$1,999 in January 1963, and lower-value to \$251 and \$501 in October 1969 and March 1979, respectively. Shipments valued below lower limits (under \$100, under \$251, and under \$501) for the different periods are estimated to represent about one percent of the total value of exports, and the \$501-\$1,999 shipments to Canada plus the \$501-\$999 shipments to other countries about three percent.

Beginning January 1978, the Export Classification Schedule was based upon Schedule E, Standard International Trade Classification, Revision 2. This revision affects the comparability of some export statistics.

Imports.—The Bureau of the Census compiles import data from various customs forms required to be filed with customs officials. Since 1974, data on import values are presented on three bases: The transaction values f.a.s. (free alongside ship) at the foreign port of export, the c.i.f. (cost, insurance, and freight), and the previously reported customs import value (as appraised by the U.S. Customs Service in accordance with legal requirements of the Tariff Act of 1930, as amended). This latter valuation, primarily used for collection of import duties, frequently does not reflect the actual transaction value. Country of origin is defined as country where the merchandise was grown, mined, or manufactured. If country of origin is unknown, country of shipment is reported.

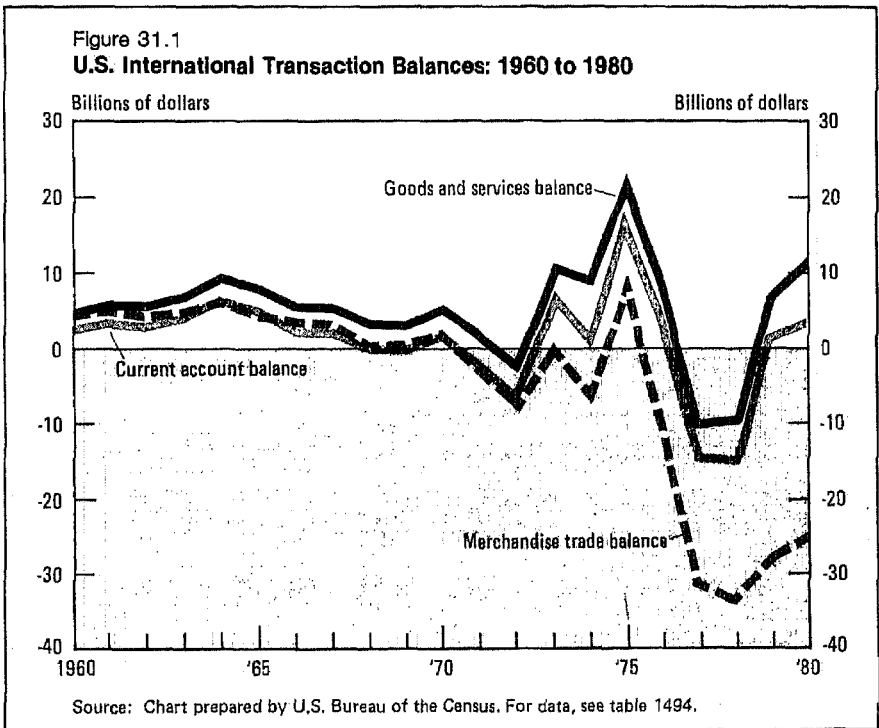
Imports are classified either as "General Imports" or "Imports for Consumption." General imports are a combination of entries for immediate consumption and entries into customs bonded warehouses, and thus generally reflect total arrivals of merchandise. Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption, and thus generally reflect the total of the commodities entered into U.S. consumption channels.

The import statistics include, since July 1953, estimates, not classified by commodity, for certain low-valued shipments. For July 1953–July 1965, entries valued under \$100, in general, were estimated, while entries valued under \$251 have been estimated since July 1965. The estimated low-valued shipments generally amount to less than one percent of the import total.

Area coverage.—Except as noted, the geographic area covered by the export and import trade statistics is the United States customs area, which includes the 50 States, the District of Columbia, and Puerto Rico. Beginning January 1981, data on the Virgin Islands' trade with foreign countries are included in U.S. export and import statistics.

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

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



NO. 1492. U.S. INTERNATIONAL TRANSACTIONS: 1960 TO 1980

(In millions of dollars. Minus sign (-) denotes debits. See also *Historical Statistics, Colonial Times to 1970*, series U 1-25)

TYPE OF TRANSACTION	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Exports of goods and services¹	28,861	41,087	65,674	68,838	77,495	110,241	146,666	155,729	171,630	184,295	221,021	288,925	344,667
Merchandise, excl. military ²	19,650	26,461	42,469	43,319	49,361	71,410	98,306	107,086	114,745	120,816	142,054	184,473	223,966
Transfers under U.S. military agency sales contracts	335	830	1,501	1,926	1,364	2,559	3,379	4,049	5,454	7,351	8,090	6,609	8,231
Travel and transportation	2,701	9,826	6,000	6,448	7,095	8,852	10,333	11,576	13,718	14,780	17,104	20,330	24,102
Miscellaneous services	1,560	2,533	3,957	4,438	4,891	5,611	6,561	7,666	8,426	9,169	10,510	10,755	12,434
Income on U.S. investments abroad	4,616	7,437	11,747	12,707	14,764	21,808	27,587	25,351	29,266	32,179	43,265	66,699	75,936
Direct investment	3,621	5,506	8,169	9,180	10,949	16,542	19,157	16,595	18,999	19,673	25,458	36,330	36,842
Interest, dividends, and earnings of unincorporated affiliates	2,355	3,963	4,992	5,983	6,416	8,364	11,379	8,547	11,303	13,277	14,115	19,386	19,845
Reinvested earnings of incorporated affiliates	1,266	1,543	3,177	3,177	4,532	8,158	7,777	8,048	7,696	6,996	11,343	18,998	16,998
Other private receipts	646	1,421	2,671	2,641	2,949	4,330	7,356	7,844	8,955	10,881	15,964	26,075	36,522
U.S. Government receipts	349	510	907	908	866	936	1,074	1,112	1,352	1,625	1,843	2,294	2,572
Transfers of goods and services under U.S. military grants, net³	1,695	1,636	2,713	3,546	4,492	2,810	1,818	2,207	373	203	236	305	635
Imports of goods and services	23,729	32,801	60,050	65,569	79,435	99,219	137,357	132,836	162,248	193,788	230,030	281,917	333,888
Merchandise, excl. military ²	14,758	21,510	39,866	45,579	55,797	70,499	103,649	98,041	124,051	151,689	175,813	211,819	249,308
Direct investment expenditures	3,087	2,952	4,855	4,819	4,784	4,529	5,032	4,795	4,895	5,823	7,352	8,556	10,746
Travel and transportation	3,665	5,106	8,038	8,793	10,158	12,010	14,017	14,368	16,276	18,073	20,262	23,012	24,900
Miscellaneous services	981	1,146	1,777	1,943	2,125	2,427	2,575	3,068	3,715	3,987	4,718	5,295	5,760
Income on foreign assets in U.S.	1,237	2,088	5,516	5,436	6,572	9,655	12,084	12,564	13,311	14,217	21,865	33,236	43,174
Direct investment	384	657	875	1,164	1,284	1,610	1,331	2,234	3,110	2,634	4,211	6,357	9,336
Interest, dividends, and earnings of unincorporated affiliates	220	299	441	621	715	699	266	1,046	1,451	1,248	1,628	2,402	3,147
Reinvested earnings of incorporated affiliates	174	358	434	542	569	910	1,065	1,189	1,659	1,566	2,563	3,955	6,190
Other private payments	511	942	3,617	2,428	2,604	4,209	6,491	5,768	5,681	5,841	8,980	15,803	21,326
U.S. Government payments	332	489	1,024	1,844	2,684	3,836	4,262	4,542	4,520	5,542	8,674	11,076	12,512
U.S. military grants of goods and services, net³	1,695	1,636	2,713	3,546	4,492	2,810	1,818	2,207	373	203	236	305	635
Unilateral transfers (excl. military grants), net⁴	2,308	2,854	3,294	3,701	3,854	3,881	7,186	4,613	4,998	4,617	5,067	5,593	7,058
U.S. Government grants	1,808	1,808	2,173	2,043	2,173	1,938	3,146	2,894	3,146	2,787	3,183	3,536	4,539
U.S. Govt. pensions, private remittances, other transfers	637	1,046	1,568	1,659	1,681	1,943	1,711	1,719	1,851	1,830	1,884	2,058	2,397
U.S. assets abroad, net (increase/capital outflow (-))	4,099	5,716	9,337	12,475	14,497	22,874	34,745	39,703	51,269	34,785	61,070	62,639	84,776
U.S. official reserve assets, net	2,145	1,225	2,481	2,349	-4	158	1,467	-849	-2,558	-375	732	1,133	-6,155
U.S. Govt. assets, other than official reserve assets, net	1,100	1,605	1,589	1,884	1,568	2,644	3,866	3,474	4,214	3,693	4,644	3,767	5,165
U.S. loans and other long-term assets	1,214	2,463	3,293	4,181	3,819	4,638	5,001	5,941	6,943	6,943	7,470	7,676	9,812
Repayments on U.S. loans ⁵	642	874	1,721	2,115	2,086	2,596	4,826	2,475	2,596	2,719	2,942	3,893	4,367
U.S. foreign currency holdings and U.S. short-term assets, net	-526	-16	-16	182	165	-602	5,541	-9	133	33	-115	16	280

U.S. private assets, net.....	5,144	-10,229	-12,940	-12,925	-20,388	-33,643	-35,380	-44,498	-30,717	-57,159	-57,739	-71,456
Direct investments abroad.....	-2,940	-7,580	-7,618	-7,747	-11,353	-9,052	-14,244	-11,949	-16,056	-23,949	-23,949	-16,546
Equity and intercompany accounts.....	-1,674	-4,413	-4,441	-3,214	-3,195	-1,275	-6,196	-4,253	-5,494	-4,713	-4,984	-1,548
Reinvested earnings of incorporated affiliates.....	-1,266	-3,177	-3,177	-4,532	-8,158	-7,777	-8,048	-7,696	-11,343	-18,965	-18,965	-16,998
Foreign securities.....	-663	-759	-1,076	-618	-671	-1,854	-6,247	-8,885	-6,366	-3,582	-4,552	-3,310
U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns.....	-394	-586	-1,229	-1,054	-2,383	-3,221	-1,357	-2,296	-1,940	-3,853	-3,026	-2,653
U.S. claims reported by U.S. banks, n.i.e. ¹	-1,148	-967	-2,990	-3,506	-5,980	-19,516	-13,532	-21,368	-11,427	-33,667	-26,213	-49,947
Long-term.....	-153	-232	-155	-1,307	-933	-1,183	-2,357	-2,362	-751	(NA)	(NA)	(NA)
Short-term.....	-995	-1,122	-2,368	-2,199	-5,047	-18,333	-11,175	-19,006	-10,676	(NA)	(NA)	(NA)
Foreign assets in the U.S., net (increase)/capital inflow (+).....	2,294	6,359	22,870	21,451	18,388	34,241	15,670	36,518	51,218	63,748	38,946	50,261
Foreign official assets in the U.S., net.....	1,473	6,098	26,870	10,475	6,026	10,546	7,027	17,593	36,616	33,561	-13,757	15,492
Other foreign assets in the U.S., net.....	821	1,550	-3,909	10,985	12,362	23,696	8,643	18,825	14,403	30,187	52,703	34,769
Direct investments in U.S.	313	415	-357	949	2,800	4,780	2,603	4,347	3,728	7,897	11,877	10,854
Equity and intercompany accounts.....	171	1,090	-375	380	1,890	3,695	1,414	2,687	2,142	5,313	7,921	4,654
Reinvested earnings of incorporated affiliates.....	174	356	-542	569	910	1,085	1,189	1,659	1,586	3,955	3,955	6,190
U.S. Treasury securities.....	-364	-131	-81	-24	-216	697	2,590	2,783	534	2,178	4,820	6,279
U.S. securities other than U.S. Treasury securities.....	282	2,189	2,289	4,507	4,041	378	2,503	1,284	2,437	2,254	1,334	5,384
U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns.....	-90	178	2,014	369	1,035	1,844	319	-578	985	1,717	2,065	5,109
U.S. liabilities reported by U.S. banks, n.i.e. ¹	678	-6,298	-6,811	4,754	4,702	16,017	628	10,990	6,719	16,141	32,607	10,743
Long-term.....	6	241	23	149	227	9	8	231	373	(NA)	(NA)	(NA)
Short-term.....	672	-6,321	-6,661	4,605	4,475	16,008	908	10,759	6,346	(NA)	(NA)	(NA)
Allocations of special drawing rights.....	-	867	717	710	-	-	-	-	-	-	1,139	1,152
Statistical discrepancy (sum of above items with sign reversed).....	-1,019	-458	-9,779	-1,879	-2,654	-1,620	5,753	10,367	-2,323	11,398	21,140	29,640

- Represents zero. NA Not available. ¹ Excludes transfers of goods and services under U.S. military grant programs. ² Excludes exports of goods under U.S. military agency sales contracts identified in Bureau of the Census export documents, excludes imports of goods under direct defense expenditures identified in Census import documents, and reflects various other adjustments (for valuation, coverage, and timing) of census statistics to a balance of payments basis. ³ Includes extraordinary U.S. Govt. transactions with India. ⁴ Includes sales of foreign obligations to foreigners. ⁵ Not included elsewhere. ⁶ Includes foreign currency notes sold to private residents abroad.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1981.

No. 1493. U.S. INTERNATIONAL TRANSACTIONS—SUMMARY: 1960 TO 1981

[In billions of dollars. Reserve assets are for end of period. Minus sign (–) denotes debit. See headnote, table 1492]

YEAR	Mer- chandise trade balance ¹	Net invest- ment income	Net mili- tary trans- actions	Net travel and trans- porta- tion re- ceipts	Other serv- ices, net	Balance on goods and serv- ices	Uni- lateral trans- fers ¹	Balance on current account ²	Net for- eign as- sets in U.S.	Net U.S. assets abroad	Net U.S. official re- serve as- sets
1960.....	4.0	3.4	-2.8	-1.0	.6	5.1	-2.3	2.8	2.3	-4.1	19.4
1965.....	5.0	5.3	-2.1	-1.3	1.4	8.3	-2.9	5.4	.7	-5.7	15.5
1966.....	3.8	5.0	-2.9	-1.3	1.4	6.0	-2.9	3.0	3.7	-7.3	14.9
1967.....	3.6	5.3	-3.2	-1.8	1.6	5.7	-3.1	2.6	7.4	-9.8	14.8
1968.....	.8	6.0	-3.1	-1.5	1.6	3.6	-3.0	.6	9.9	-11.0	15.7
1969.....	.6	6.0	-3.3	-1.8	1.8	3.4	-3.0	.4	12.7	-11.6	17.0
1970.....	2.6	6.2	-3.4	-2.0	2.2	5.6	-3.3	2.3	6.4	-9.3	14.5
1971.....	-2.3	7.3	-2.9	-2.3	2.5	2.3	-3.7	-1.4	23.0	-12.5	12.2
1972.....	-6.4	8.2	-3.4	-3.1	2.8	-1.9	-3.9	-5.8	21.5	-14.5	13.2
1973.....	.9	12.2	-2.1	-3.2	3.2	11.0	-3.9	7.1	18.4	-22.9	14.4
1974.....	-5.3	15.5	-1.7	-3.2	4.0	9.3	-7.2	2.1	34.2	-34.7	15.9
1975.....	9.0	12.8	-.7	-2.8	4.6	22.9	-4.6	18.3	15.7	-39.7	16.2
1976.....	-9.3	16.0	.6	-2.6	4.7	9.4	-5.0	4.4	36.5	-51.3	18.7
1977.....	-30.9	18.0	1.5	-3.3	5.2	-9.5	-4.6	-14.1	51.2	-34.8	19.3
1978.....	-33.8	21.4	.7	-3.2	5.8	-9.0	-5.1	-14.1	63.7	-61.1	18.7
1979.....	-27.3	33.5	-1.9	-2.6	5.5	7.0	-5.6	1.4	38.9	-62.6	19.0
1980.....	-25.3	32.8	-2.5	-.8	6.7	10.8	-7.1	3.7	50.3	-84.8	26.8
1981:											
1st qtr.....	-4.7	9.1	-.6	-.7	1.7	4.8	-1.5	3.3	7.1	-22.4	30.4
2d qtr, prel.....	-6.9	8.6	-.6	-.3	1.7	2.6	-1.5	1.1	12.8	-21.5	29.6

¹ Excludes military grants. ² Current account balance=Balance on goods and services minus unilateral transfers.Source: U.S. Council of Economic Advisers, *Economic Indicators*, monthly; and *Economic Report of the President*, annual. Data from U.S. Bureau of Economic Analysis and U.S. Dept. of the Treasury.

No. 1494. U.S. BALANCES ON INTERNATIONAL TRANSACTIONS, BY AREAS AND SELECTED COUNTRIES: 1978 TO 1980

[In millions of dollars. Balances by area have some shortcomings due to statistical discrepancies including errors, omissions, and incorrect area attributions. Minus sign (–) denotes debits]

AREA OR COUNTRY	1978, BALANCE ON—			1979, BALANCE ON—			1980, BALANCE ON—		
	Mer- chandise trade ¹	Goods and services	Current account	Mer- chandise trade ¹	Goods and services	Current account	Mer- chandise trade ¹	Goods and services	Current account
All areas.....	-33,759	-9,008	-14,075	-27,346	7,008	1,414	-25,342	10,779	3,723
European Economic Community ²	2,720	1,689	2,051	9,252	11,639	12,095	17,369	18,150	18,722
United Kingdom.....	802	778	893	2,677	6,378	6,593	2,970	6,113	6,406
Belgium-Luxembourg.....	1,920	2,239	2,231	3,483	4,498	4,489	4,781	5,613	5,600
France.....	190	730	684	850	1,244	1,198	2,277	2,916	2,871
Germany.....	-2,766	-4,439	-3,918	-2,259	-4,786	-4,229	-243	-3,950	-3,354
Italy.....	-737	-796	-965	-464	-553	-752	1,297	1,780	1,586
Netherlands.....	3,253	2,897	2,887	4,484	3,886	3,874	5,559	4,101	4,088
Other Western Europe.....	208	20	-424	3,099	2,717	2,208	2,979	2,207	1,539
Eastern Europe.....	2,385	2,563	2,468	4,017	4,390	4,300	2,699	3,190	3,103
Canada.....	-2,323	4,831	4,704	-330	8,936	8,788	-1,045	7,463	7,262
Latin America, other Western Hemisphere.....	-1,008	6,518	5,692	-1,980	8,558	7,526	1,290	15,631	14,451
Japan ³	-11,581	-11,719	-11,791	-8,632	-8,614	-8,683	-10,411	-8,681	-8,749
Australia, South Africa ⁴	-227	1,821	1,785	-59	2,231	2,189	584	3,488	3,432
Other Asia and Africa.....	-23,181	-13,044	-16,530	-31,527	-20,598	-24,410	-37,520	-28,595	-33,224
Int'l. and unallocated.....	-752	-1,687	-2,049	-1,186	-2,253	-2,598	-1,287	-2,074	-2,814

¹ Adjusted to balance of payments basis; excludes exports under U.S. military sales contracts and imports under direct defense expenditures. ² Includes Denmark, Ireland, European Atomic Energy Community, European Coal and Steel Community, and European Investment Bank, not shown separately. ³ Includes Ryukyu Islands. ⁴ Includes New Zealand.Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1981.

No. 1495. INTERNATIONAL INVESTMENT POSITION, 1950 TO 1980, AND BY SELECTED AREAS, 1980

[In billions of dollars. Estimates for end of year, subject to considerable error due to nature of basic data. Direct investments at book value; other types at market or face values. See *Historical Statistics, Colonial Times to 1970*, series U 26-39, for similar data]

TYPE OF INVESTMENT	1950	1955	1960	1965	1970	1971	1972	1973
U.S. net international investment position	36.7	37.2	44.7	61.6	58.6	56.1	49.6	47.6
U.S. assets abroad	54.4	65.1	85.6	120.4	165.5	179.5	199.5	222.5
U.S. official reserve assets	24.3	22.8	19.4	15.5	14.5	12.2	13.2	14.4
U.S. Government assets, other	11.1	13.1	17.0	23.5	32.1	34.2	36.1	38.8
U.S. private assets	19.0	29.1	49.2	81.4	118.8	133.1	150.3	169.3
Foreign assets in U.S.	17.6	27.8	40.9	58.8	106.8	123.3	149.9	174.9
Foreign official assets	(NA)	(NA)	12.4	16.8	26.1	52.5	63.2	69.6
Other foreign assets	(NA)	(NA)	28.5	42.0	80.7	70.9	86.7	105.3

TYPE OF INVESTMENT	1974	1975	1976	1977	1978	1979	Total ^a	Western Europe	Canada	Latin America ^b
U.S. net international investment position	58.3	74.6	83.8	71.3	77.5	95.0	122.7	-55.2	61.4	89.4
U.S. assets abroad	255.7	295.1	347.2	379.1	447.9	508.9	603.6	185.8	95.2	161.8
U.S. official reserve assets	15.9	16.2	18.7	19.3	18.6	19.0	26.8	8.0	(2)	-
U.S. Government assets, other	38.4	41.8	45.0	49.6	54.2	58.4	63.5	10.8	.3	11.8
U.S. loans and other long-term assets	36.3	39.8	44.1	47.8	52.3	56.5	61.9	10.5	.3	11.8
U.S. foreign currency holdings and short-term assets	2.1	2.0	1.9	1.8	1.9	1.9	1.7	.3	(2)	(2)
U.S. private assets	201.5	237.1	282.4	310.2	375.0	431.5	513.3	167.1	95.8	150.0
Direct investments abroad	110.1	124.0	136.8	146.0	182.7	186.8	213.5	95.7	44.6	38.3
Foreign securities	28.2	34.9	44.2	49.4	53.4	56.8	62.1	13.4	36.2	3.3
U.S. claims on unaffiliated foreigners ^c	17.0	18.3	20.3	22.3	28.1	31.1	33.7	11.3	5.8	11.2
Short-term	11.5	12.4	14.4	16.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
U.S. claims reported by U.S. banks ^d	46.2	59.8	81.1	92.6	130.8	157.0	204.0	46.7	9.2	97.3
Short term	39.1	50.2	69.2	79.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Foreign assets in the U.S.	197.4	220.5	263.4	307.8	370.4	413.9	480.9	241.1	34.8	72.4
Foreign official assets in the U.S. ^e	80.3	86.9	104.2	140.8	172.9	159.5	175.7	83.1	1.7	5.7
U.S. Government securities	57.7	63.6	72.6	105.4	128.5	106.6	118.2	(7)	(7)	(7)
Other U.S. Government liabilities	3.5	4.2	8.8	10.2	12.5	12.4	13.0	2.9	.2	.2
U.S. liabilities reported by U.S. banks ^f	18.4	16.3	17.2	18.0	23.3	30.5	30.4	(7)	(7)	(7)
Other foreign assets in the U.S.	117.1	133.6	159.1	167.0	197.5	254.4	305.2	157.9	33.1	66.7
Direct investments	25.1	27.7	30.8	34.8	42.5	54.5	65.5	43.5	9.8	6.7
U.S. securities ^g	34.9	45.3	54.9	51.2	53.6	58.6	74.0	51.8	12.5	4.8
U.S. liabilities to unaffiliated foreigners ^h	13.6	13.9	13.0	13.4	14.9	16.9	28.6	10.4	1.5	4.3
U.S. long-term liabilities ⁱ	1.2	.9	1.1	1.5	7.7	110.3	121.1	(10)	(10)	(10)
U.S. short-term liabilities ^j	40.7	41.6	52.4	58.7	11.8	14.1	16.0	(10)	(10)	(10)
U.S. Treasury securities	1.7	4.2	7.0	7.6	8.9	14.1	16.0	(10)	(10)	(10)

- Represents zero. NA Not available. Z Less than \$50 million. ¹ Includes holdings of international and regional organizations that were shifted to "other foreign assets" in subsequent periods. ² Includes other countries, international organizations, unallocated, not shown separately. ³ Includes other Western Hemisphere. ⁴ Reported by U.S. nonbanking concerns. ⁵ Not included elsewhere. ⁶ Includes assets not shown separately. ⁷ Data included in "Foreign official assets in the U.S." ⁸ Excludes U.S. Treasury securities. ⁹ Reported by U.S. banks. ¹⁰ Data included in "Other foreign assets in the U.S." ¹¹ Includes U.S. Treasury notes denominated in foreign currencies, sold through foreign central banks to domestic residents in country of issue; these notes are subject to restricted transferability.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, various monthly issues.

No. 1496. U.S. RESERVE ASSETS: 1960 TO 1981

[In billions of dollars. As of end of year, except 1981 for August]

TYPE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
Total	19.4	15.5	14.5	14.4	15.9	16.2	18.7	19.3	18.7	18.9	26.8	29.2
Gold stock ¹	17.8	13.8	11.1	11.7	11.7	11.6	11.6	11.7	11.7	11.2	11.2	11.2
Special drawing rights	-	-	.9	2.2	2.4	2.3	2.4	2.6	1.6	2.7	2.6	3.7
Foreign currencies	-	.8	.6	(2)	(2)	-1	.3	(2)	4.4	3.8	10.1	10.0
Reserve position in IMF ²	1.6	.9	1.9	.6	1.9	2.2	4.4	4.9	1.0	1.3	2.9	4.3

- Represents zero. Z Less than \$50 million. ¹ Includes gold in Exchange Stabilization Fund; excludes gold held under earmark at Federal Reserve banks for foreign and international accounts. Beginning 1974, gold assets were valued at \$42.22 pursuant to the amending of Section 2 of the Par Value Modification Act, PL-93-110, approved September 21, 1973. ² International Monetary Fund.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly, and Department of the Treasury, *Treasury Bulletin*, October 1980.

NO. 1497. FOREIGN DIRECT INVESTMENT IN THE UNITED STATES—VALUE, BY AREA AND INDUSTRY: 1960 TO 1980

[In millions of dollars. Book value at year end. Prior to 1973, covers U.S. firms, including real estate investments in which foreign interest or ownership was 25 percent or more; thereafter, ownership of 10 percent or more. See also *Historical Statistics, Colonial Times to 1970*, series U 47-74]

AREA AND INDUSTRY	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, prel.
All areas¹	6,910	8,797	13,270	20,556	25,144	27,662	30,770	34,595	42,471	54,462	65,483
Petroleum.....	1,238	1,710	2,992	4,792	5,614	6,213	5,921	6,573	7,762	9,906	12,253
Manufacturing.....	2,611	3,478	6,140	8,231	10,387	11,386	12,620	14,030	17,202	20,876	24,134
Finance and insurance.....	1,810	2,169	2,256	3,414	2,723	3,152	2,943	4,544	5,231	7,575	9,889
Trade, wholesale and retail.....	634	748	994	3,117	4,387	4,844	6,123	7,237	9,161	11,562	13,772
Canada.....	1,934	2,388	3,117	4,203	5,136	5,352	5,907	5,650	6,180	7,154	9,810
Petroleum.....	203	208	180	426	547	596	676	710	723	943	1,137
Manufacturing.....	932	1,219	1,836	2,319	2,905	3,061	3,386	3,077	3,213	3,615	5,148
Finance and insurance.....	246	370	324	293	311	341	422	367	397	505	798
Europe.....	4,707	6,076	9,554	13,937	16,756	18,584	20,162	23,754	29,180	37,403	43,467
Petroleum.....	1,028	1,478	2,777	4,079	4,714	5,478	4,999	5,523	6,589	8,010	9,884
Manufacturing.....	1,611	2,167	4,091	4,790	6,109	6,673	7,426	9,267	11,717	13,952	15,036
Finance and insurance.....	1,504	1,724	1,805	2,086	1,829	2,088	2,637	3,076	3,575	5,529	7,183
United Kingdom.....	2,248	2,852	4,127	5,403	5,744	6,331	5,802	6,397	7,638	9,796	11,342
Petroleum.....	339	511	1,220	1,212	1,502	(d)	602	486	492	199	-147
Manufacturing.....	722	839	1,391	1,551	1,792	1,833	1,963	2,305	3,014	3,547	4,277
Finance and insurance.....	953	1,176	1,141	1,198	854	932	1,211	1,425	1,596	2,432	3,097
Netherlands.....	1,407	1,304	2,151	4,017	4,698	5,347	6,255	7,830	10,078	12,672	16,159
Petroleum.....	639	987	1,311	(d)	(d)	(d)	(d)	(d)	5,041	6,478	8,319
Manufacturing.....	213	328	652	997	1,213	1,345	1,500	2,237	3,058	3,492	3,931
Switzerland.....	773	940	1,545	1,420	1,949	2,138	2,295	2,651	2,879	3,449	3,682
Manufacturing.....	427	590	1,147	922	1,222	1,308	1,357	1,769	1,949	2,281	2,308
Finance and insurance.....	320	353	351	313	263	365	(d)	486	519	598	701
Other Europe.....	739	980	1,731	3,097	4,368	4,768	5,810	6,876	8,585	11,486	12,284
Petroleum.....	50	80	246	(d)	(d)	494	(d)	(d)	1,028	1,314	1,687
Manufacturing.....	249	410	901	1,319	1,882	2,187	2,605	2,956	3,695	4,632	4,520
Finance and insurance.....	209	209	255	426	442	445	(d)	592	724	1,379	1,654
Japan.....	269	118	229	152	345	591	1,178	1,745	2,749	3,493	4,219
Other areas.....	214	370	2,264	2,907	3,135	3,135	3,523	4,362	6,412	6,412	7,967

D Withheld to avoid disclosure of data of individual companies. ¹Area totals include industries not shown separately. ²Direct investments (in millions of dollars): Belgium and Luxembourg, 1,873; France, 2,672; Germany, 5,290; Italy, 334; and Sweden, 1,345.

Source: U.S. Bureau of Economic Analysis, *Foreign Business Investments in the United States*, 1962; and *Survey of Current Business*, August 1981, and earlier issues.

NO. 1498. U.S. AFFILIATES OF FOREIGN COMPANIES—ASSETS, SALES, EMPLOYMENT, LAND, EXPORTS, AND IMPORTS: 1979

[A U.S. affiliate is a U.S. business enterprise in which one foreign owner (individual, branch, partnership, association, trust, corporation, or government) has a direct or indirect voting interest of 10 percent or more. Based on a sample survey of nonbank affiliates with assets, sales, or net income of \$5 million or more or that owns at least 200 acres of U.S. land]

INDUSTRY	Total assets (mil. dol.)	Sales ¹ (mil. dol.)	Employ- ment ² (1,000)	Employ- ee compen- sation (mil. dol.)	GROSS BOOK VALUE		Land owned (1,000 acres)	Mer- chandise ex- ports ⁴ (mil. dol.)	Mer- chandise im- ports ⁴ (mil. dol.)
					Plant and equip- ment ³ (mil. dol.)	Land (mil. dol.)			
Total.....	214,190	313,302	1,642	29,825	86,598	7,128	5,995	42,993	59,351
Agriculture and forestry.....	1,153	658	8	119	332	443	(d)	22	3
Mining.....	4,067	2,143	19	479	3,018	326	440	728	148
Petroleum.....	38,627	41,617	107	2,739	33,343	943	(d)	1,074	7,753
Manufacturing.....	61,937	76,913	918	17,037	32,982	2,131	1,823	5,996	9,545
Chemicals and allied products.....	19,470	20,679	232	4,510	13,123	775	256	1,363	1,294
Wholesale trade.....	41,649	151,492	174	3,308	4,912	394	(d)	34,602	41,394
Motor vehicles and auto parts and supplies.....	8,871	28,309	26	534	1,073	70	4	(d)	13,364
Farm-product raw materials.....	8,905	41,721	29	554	1,088	111	(d)	22,165	6,308
Retail trade.....	6,831	19,328	227	2,730	3,292	199	4	416	415
Finance, except banking.....	16,227	2,278	10	338	99	25	6	2	(d)
Insurance.....	26,925	9,959	45	748	386	132	3	-	(z)
Real estate.....	9,373	2,403	20	354	4,724	2,284	749	1	-
Other.....	7,200	6,511	115	1,973	3,509	249	127	153	(d)

- Represents zero. D Withheld to avoid disclosure of individual companies. Z Less than \$500,000. ¹ Excludes returns, discounts, allowances, and sales and excise taxes. ² Average number of full-time and part-time employees. ³ Includes other property, value of mineral rights owned and capitalized value of mineral rights leased. ⁴ F.A.S. value at port of exportation.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August 1981.

**NO. 1499. U.S. BUSINESSES ACQUIRED OR ESTABLISHED BY FOREIGN DIRECT INVESTORS, BY
INDUSTRY OF U.S. BUSINESS ENTERPRISE: 1979 AND 1980**

[Foreign direct investment is the ownership or control, directly or indirectly, by one foreign individual branch, partnership, association, trust, corporation, or government of 10 percent or more of the voting securities of a U.S. business enterprise or an equivalent interest in an unincorporated one. Data represent number and full cost of acquisitions of existing U.S. business enterprises, including business segments or operating units of existing U.S. business enterprises and establishments of new enterprises. Investments may be made by the foreign direct investor itself, or indirectly by an existing U.S. affiliate of the foreign direct investor. Covers investments in U.S. business enterprises with assets of over \$500,000 or that owned 200 acres of U.S. land]

INDUSTRY	1979						1980, prel.					
	Investments			Investors			Investments			Investors		
	Total	Acqui- sitions	Estab- lish- ments	Total	For- eign direct invest- ors	U.S. affili- ates	Total	Acqui- sition	Estab- lish- ments	Total	For- eign direct invest- ors	U.S. affili- ates
NUMBER OF INVESTMENTS ¹												
Total.....	1,568	666	902	1,770	1,072	698	1,373	631	742	1,498	940	558
Agriculture and forestry..	81	27	54	93	72	21	127	25	102	136	114	22
Mining.....	22	14	8	22	9	13	15	10	5	15	5	10
Petroleum.....	45	32	13	53	25	28	41	22	19	44	19	25
Manufacturing.....	270	208	62	291	118	173	203	157	36	227	84	143
Wholesale trade.....	69	50	19	74	27	47	40	31	9	42	23	19
Retail trade.....	29	22	7	30	14	16	31	22	9	32	9	23
Banking.....	16	8	8	16	13	3	32	23	9	32	12	20
Finance, except banking.....	16	7	9	21	15	6	23	6	17	26	16	10
Insurance.....	13	8	5	14	7	7	11	6	5	12	6	6
Real estate.....	920	235	685	1,064	722	342	772	262	510	847	607	240
Other.....	87	55	32	92	50	42	78	57	21	85	45	40
INVESTMENT OUTLAYS (mil. dol.)												
Total.....	15,317	13,159	2,158	15,317	3,440	11,876	9,885	8,126	1,739	9,865	3,154	6,711
Agriculture and forestry..	151	87	84	151	115	36	284	105	179	284	192	92
Mining.....	218	133	85	218	49	169	170	(d)	(d)	170	(d)	(d)
Petroleum.....	4,010	3,974	36	4,010	49	3,961	709	674	35	709	34	675
Manufacturing.....	4,170	3,895	275	4,170	905	3,265	3,381	3,232	149	3,381	673	2,708
Wholesale trade.....	440	380	60	440	79	361	259	(d)	(d)	259	52	207
Retail trade.....	450	431	19	450	138	311	923	909	14	923	17	906
Banking.....	943	918	25	943	(d)	(d)	419	397	22	419	313	107
Financing, exc. banking..	288	247	41	288	(d)	(d)	265	(d)	(d)	265	(d)	(d)
Insurance.....	(d)	(d)	16	(d)	33	(d)	367	348	18	367	49	318
Real estate.....	3,259	1,776	1,483	3,259	1,741	1,518	2,728	1,592	1,136	2,728	1,609	1,119
Other.....	(d)	(d)	34	(d)	(d)	(d)	359	313	46	359	136	223

D Withheld to avoid disclosure of individual companies. ¹ Excludes 742 investments in 1979 and 1,116 in 1980 that do not meet asset or acreage criteria in headline.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August 1981.

**NO. 1500. U.S. BUSINESSES ACQUIRED BY FOREIGN DIRECT INVESTORS—ASSETS, SALES, AND
EMPLOYMENT, BY INDUSTRY OF U.S. BUSINESS ENTERPRISE: 1979 AND 1980**

[See headline, table 1499]

INDUSTRY	1979					1980, prel.				
	Total as- sets (mil. dol.)	Sales (mil. dol.)	Employ- ment (1,000)	Employ- ee compen- sation (mil. dol.)	Plant and equip- ment, net (mil. dol.)	Total as- sets (mil. dol.)	Sales (mil. dol.)	Employ- ment (1,000)	Employ- ee compen- sation (mil. dol.)	Plant and equip- ment, net (mil. dol.)
Total.....	32,351	23,772	314	4,917	4,472	36,951	21,035	261	4,204	3,936
Agriculture and forestry.....	67	25	(z)	3	18	81	7	(z)	1	6
Mining.....	(d)	61	2	31	46	(d)	102	1	14	56
Petroleum.....	4,134	464	3	57	280	545	(d)	5	59	240
Manufacturing.....	6,212	9,296	143	2,410	1,739	6,329	10,862	137	2,593	1,585
Wholesale trade.....	524	1,091	8	110	72	822	2,000	19	220	102
Retail trade.....	2,009	9,041	101	1,363	702	1,003	2,245	57	420	492
Banking.....	12,792	952	12	181	(d)	19,096	1,696	14	208	169
Finance, except banking.....	1,304	219	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)
Insurance.....	2,072	530	(d)	46	(d)	784	306	3	43	20
Real estate.....	2,237	580	(d)	(d)	1,140	2,498	489	2	19	451
Other.....	(d)	1,513	28	506	333	(d)	1,674	(d)	(d)	(d)

D Withheld to avoid disclosure of individual companies. Z Fewer than 500.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August 1981.

NO. 1501. U.S. DIRECT INVESTMENT POSITION ABROAD AND INCOME, BY COUNTRY, 1970 TO 1980, AND BY SELECTED INDUSTRIES, 1980

[In millions of dollars. Direct investments represent private enterprises in one country controlled by investors in another country or in the management of which foreign investors have an important role. Data for 1970 and 1975 are based on the 1966 benchmark survey, data for 1977 through 1980 are based on the 1977 benchmark survey. Because of differences in definitions, data based on different benchmark are not entirely comparable. Negative position shows when U.S. parent company's liabilities to the foreign affiliate are greater than its investment in the foreign affiliate. See also *Historical Statistics, Colonial Times to 1970*, series U 41-46]

COUNTRY	DIRECT INVESTMENT POSITION (at year-end)						INCOME ^a											
	1970	1975	1977	1978	1979	1980, prel.			1979	1978	1977	1980, prel.						
						Total ¹	Manu- facturing	Petro- leum ²				Total ¹	Manu- facturing	Petro- leum ²				
All areas.....	75,480	124,050	145,990	162,727	186,760	213,468	89,063	46,920	27,207	8,169	16,595	19,673	25,458	36,330	36,842	11,263	13,022	3,506
Developed countries.....	51,819	90,695	110,120	121,230	138,668	157,084	71,399	34,173	16,712	4,577	9,509	11,888	16,230	24,942	24,582	8,557	8,566	1,875
Canada.....	21,015	31,038	35,052	36,396	40,243	44,640	18,802	10,573	6,136	1,518	3,412	3,253	3,516	5,517	5,733	1,838	2,003	581
Europe ⁴	25,255	49,305	62,552	70,647	82,622	95,686	45,425	19,924	9,668	2,401	4,989	7,271	10,350	17,116	16,078	5,804	8,856	1,158
Euro. Economic Community (EEC) ⁵	20,104	38,773	49,150	55,991	65,681	76,588	41,476	16,904	6,370	1,919	3,620	5,610	8,288	14,054	12,920	5,344	5,112	758
Belgium and Luxembourg.....	1,546	3,306	5,289	5,297	6,390	6,915	3,549	(o)	(o)	(o)	158	270	447	510	656	293	(o)	(o)
Denmark and Ireland.....	571	1,295	1,754	2,248	2,915	3,499	1,840	(o)	(o)	(o)	45	170	404	580	495	373	26	36
France.....	2,643	5,743	6,490	7,195	8,024	9,348	5,931	1,269	240	237	657	392	816	972	1,328	773	701	36
Germany.....	4,313	8,726	11,189	12,766	13,521	15,383	9,677	3,479	351	588	956	1,491	2,069	2,898	1,853	937	781	28
Italy.....	1,464	2,679	3,186	3,713	4,381	5,396	3,335	1,237	39	85	90	301	547	925	1,297	721	384	8
Netherlands.....	1,550	3,097	4,534	5,245	6,910	7,948	3,099	2,893	691	180	540	1,028	1,171	1,584	1,737	413	1,179	169
United Kingdom.....	8,016	13,927	16,709	19,527	23,539	28,099	14,047	6,292	3,029	626	936	1,787	2,174	2,765	3,485	1,836	2,256	414
Other Western Europe ⁶	5,151	10,532	13,401	14,656	16,941	19,098	9,949	3,020	4,020	483	1,369	1,600	2,062	3,062	3,159	460	743	400
Switzerland.....	2,631	5,152	7,182	8,419	9,699	11,276	948	288	2,918	333	853	1,021	1,363	1,988	1,851	136	63	339
Japan.....	1,482	3,339	4,593	5,406	6,208	6,274	2,990	1,566	1,911	226	333	558	1,189	826	870	423	175	30
Australia, New Zealand, South Africa.....	4,067	7,013	7,923	8,781	9,595	10,484	4,162	2,110	718	430	875	1,165	1,482	1,901	493	532	105	105
Developing countries ^a	19,192	26,288	31,800	37,584	44,525	52,684	17,664	(o)	10,500	2,941	6,663	7,685	9,075	13,127	17,172	2,706	4,112	1,630
Latin American Republics ^b	11,104	16,394	20,037	22,553	27,553	25,964	10,444	3,033	2,594	1,206	2,155	2,732	3,860	5,211	7,399	2,086	432	153
Mexico, Panama, other Central America.....	3,644	5,811	6,340	6,935	8,212	10,163	5,157	868	1,548	264	926	732	860	1,347	1,790	982	161	99
Argentina.....	1,022	1,154	1,262	1,420	1,850	2,446	1,548	399	16	109	103	257	357	520	696	464	121	(2)
Brazil.....	1,526	4,579	5,695	6,961	7,186	7,546	5,133	353	813	208	657	910	1,308	247	514	400	-88	44
Chile.....	758	174	159	185	250	306	(o)	70	4	81	(2)	28	30	37	52	22	6	-1
Colombia.....	584	648	662	748	842	961	547	217	23	43	53	89	96	22	62	73	6	7
Peru.....	744	1,221	1,160	1,210	1,537	1,668	(o)	(o)	4	74	-88	35	164	508	350	13	(o)	(2)
Venezuela.....	2,241	1,580	1,793	1,797	1,937	2,035	38	156	395	344	329	277	142	105	51	-9	-3	-3
Other Western Hemisphere.....	1,358	5,773	9,932	11,734	12,503	12,311	444	1,304	7,115	2,915	1,047	1,601	2,267	3,585	3,111	74	531	1,375
Other Africa.....	2,427	2,414	2,071	2,546	3,028	3,730	425	2,210	117	522	534	548	588	1,303	1,399	68	1,244	-10
Middle East ^c	1,545	-4,040	-3,267	-2,946	-998	-2,891	237	(o)	109	711	1,643	2,116	1,967	2,720	-21	23	-338	14
Other Asia and Pacific.....	2,260	5,503	6,214	7,440	8,397	9,513	2,513	2,771	565	287	1,304	1,840	2,558	3,484	455	2,243	98	98
International ^d	4,469	7,067	4,070	3,913	3,567	3,701	(x)	(o)	(x)	650	404	100	153	262	548	(x)	344	(x)

D Suppressed to avoid disclosure of individual companies. X Not applicable. Z Less than \$500,000. ¹ Includes industries not shown separately. ² Excludes affiliates that are banks. ³ Equals sum of interest, dividends, earnings of unincorporated affiliates, and reinvested earnings. ⁴ Includes Mediterranean possessions and Eastern Europe. ⁵ As of Jan. 1, 1973, United Kingdom, Denmark, and Ireland became members of the EEC. For consistency, data for all years are shown on same basis. ⁶ Shipping companies operating under flags of convenience, primarily Panama and Liberia, are included in "International." ⁷ Includes countries not shown below. ⁸ Includes Egypt and all other in Africa except South Africa. ⁹ Includes Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Neutral Zone, Qatar, Saudi Arabia, South Yemen, Oman, United Arab Emirates, and Yemen.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, *Survey of Current Business*, August 1981, and supplement titled *Revised Data Series on U.S. Direct Investment Abroad, 1966-72*.

NO. 1502. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS: 1945 TO 1980

[In millions of dollars. "P.L." means Public Law. For explanation of minus sign (-), see headnote, table 1503. See also text, pp. 827-828, and *Historical Statistics, Colonial Times to 1970*, series U 75-101]

PROGRAM	Post WW II period, total	1945- 1955, total	1956- 1965, total	1966- 1975, total	1976	1977	1978	1979	1980, prel.
Total, net	212,524	55,134	47,317	68,851	7,931	6,741	7,998	7,736	10,815
Investments in financial institutions ^a	8,200	635	655	2,719	1,102	870	867	551	800
Under assistance programs, net	204,325	54,499	46,662	66,132	6,830	5,871	7,131	7,185	10,015
Net new military grants.....	69,690	16,445	19,159	28,720	1,339	766	817	910	1,533
Gross new grants.....	70,226	16,679	19,400	28,765	1,342	769	821	913	1,537
Foreign Assistance Act ^a	68,573	15,062	19,364	28,765	1,342	769	821	913	1,537
Military supplies and services.....	41,731	13,917	18,256	8,267	375	205	240	163	288
Military assistance, service funded ^a	18,169	-	8	18,161	-	-	-	-	-
Financing of military purchases ^a	4,713	-	-	1,584	878	501	500	500	750
Relocation of facilities in Israel.....	475	-	-	-	-	-	-	125	351
Other special programs.....	3,484	1,145	1,100	734	88	62	81	126	148
Other.....	1,653	1,617	36	-	-	-	-	-	-
Less: Reverse grants and returns.....	536	234	241	45	3	3	4	3	4
Net new economic and technical aid grants ^a	82,455	28,871	17,675	21,748	2,268	2,283	2,676	3,036	3,898
Developed countries ⁷	20,933	20,294	780	-182	(2)	2	12	19	8
Developing countries ⁷	61,522	8,578	16,896	21,929	2,268	2,281	2,663	3,017	3,890
Gross new grants.....	84,387	30,225	17,993	22,003	2,274	2,283	2,676	3,036	3,898
Foreign Assistance Act ^a	51,714	17,711	12,189	12,191	1,625	1,550	1,870	1,994	2,585
Farm products disposals:									
Foreign currencies, P.L. 83-480 ^a	6,987	-	2,048	4,234	39	16	17	20	13
Famine and other urgent relief.....	7,991	530	2,704	2,862	304	353	341	425	473
Payment of transportation.....	2,141	-	494	946	94	100	133	168	205
Food for development loan forgiveness.....	63	-	-	-	-	-	-	17	45
Supplies to military or trusteeship administration areas.....	7,046	5,872	132	536	88	90	98	125	106
Peace Corps.....	1,574	-	232	912	74	77	86	95	88
Other.....	7,472	6,113	194	321	51	99	131	192	372
Less: Reverse grants and returns.....	1,932	1,353	318	255	6	-	-	-	-
Net new credits ^a	50,412	8,642	7,025	16,954	3,275	2,861	3,691	3,308	4,656
Developed countries ⁷	3,721	6,646	-3,207	310	181	-157	89	-218	77
Developing countries ⁷	46,691	1,996	10,232	16,644	3,094	3,018	3,602	3,527	4,578
New credits.....	98,810	12,039	15,429	37,422	5,842	5,546	6,599	7,049	8,684
Export-Import Bank Act.....	35,010	4,271	5,257	15,505	2,004	1,482	1,237	1,876	3,378
Foreign Assistance Act ^a	35,905	1,919	6,196	12,053	2,413	2,668	3,240	3,245	4,170
Country program loans.....	21,923	1,765	5,722	8,362	913	877	1,483	1,511	1,291
Financing of military purchases.....	12,743	9	247	3,089	1,452	1,679	1,727	1,680	2,861
Social Progress Trust Fund.....	869	-	226	487	34	38	26	47	12
Other.....	370	145	2	116	14	75	5	8	6
P.L. 83-480 ^a	14,851	48	3,839	7,161	747	694	756	799	809
Loans of foreign currency:									
To foreign governments.....	5,185	48	3,285	1,843	6	(2)	(2)	2	1
To private enterprises.....	424	-	202	217	4	1	(2)	-	-
Long-term credit sales.....	9,243	-	352	5,101	737	693	756	796	808
P.L. 80-806 ¹⁰	6,597	-	-	2,433	678	702	1,357	1,120	308
Other.....	6,246	5,801	137	271	(2)	1	8	9	19
Less: Principal collections.....	48,198	3,397	8,404	20,469	2,567	2,665	2,908	3,741	4,028
Export-Import Bank Act.....	21,452	1,803	4,459	9,282	1,029	1,129	1,084	1,299	1,368
Foreign Assistance Act ^a	9,594	38	1,263	3,557	780	776	906	1,095	1,179
Country program loans.....	5,420	1	944	2,481	477	361	386	409	352
Financing of military purchases.....	3,512	2	222	852	260	362	465	594	755
Social Progress Trust Fund.....	420	-	9	198	32	33	35	65	47
Other.....	242	25	88	25	12	19	20	27	15
P.L. 83-480 ^a	5,186	-	180	3,753	221	251	218	281	281
Loans of foreign currency:									
To foreign governments.....	2,782	-	111	2,354	82	82	53	53	47
To private enterprises.....	291	-	43	175	16	14	21	12	9
Long-term credit sales.....	2,113	-	27	1,223	123	154	145	217	224
Lend-lease, surplus property, and grant settlements.....	4,409	677	2,001	1,438	99	54	45	46	48
P.L. 80-806 ¹⁰	5,113	-	-	1,763	425	390	561	924	1,051
Other.....	2,444	880	501	677	12	86	92	94	102

See footnotes at end of table.

No. 1502. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS: 1945 TO 1980—Con.

[In millions of dollars. See headnote, p. 837]

PROGRAM	Post WW II peri- od, ¹ total	1945- 1955, total	1956- 1965, total	1966- 1975, total	1976	1977	1978	1979	1980, prel.
Other assistance (net accumulation of foreign currency claims) ¹¹	1,767	541	2,802	-1,290	-54	-39	-52	-69	-72
Developed countries ⁷	196	190	330	-203	-23	-33	-23	-24	-18
Developing countries ⁷	1,572	351	2,472	-1,086	-31	-6	-29	-45	-54
Currency claims acquired.....	19,853	813	11,498	6,888	129	175	124	127	98
Sales of farm products.....	14,997	813	11,170	3,013	(2)	(2)	(2)	(2)	(2)
Second-stage operations ¹²	4,855	-	329	3,875	128	175	124	127	98
Less: Currencies disbursed.....	18,085	272	8,696	8,177	182	214	177	196	170
Economic grants and credits to purchasing country.....	13,393	182	6,863	6,238	142	16	17	22	14
Other uses.....	4,692	90	1,833	1,940	40	198	160	75	156

- Represents zero. Z Less than \$500,000. ¹ July 1, 1945, through Dec. 31, 1980. All lend-lease and conversions of prior grants to credits are from V-J Day (Sept. 2, 1945). ² For details, see table 1503. ³ Foreign Assistance Act of 1961 (P.L. 87-195), as amended. Also includes predecessor and related programs. ⁴ Includes military assistance under Dept. of Defense Appropriation Act, 1966 (P.L. 89-394) and later acts. ⁵ Includes funds made available under Public Law 93-199 and subsequent legislation to release Israel from its contractual liability to pay for defense articles and services purchased under other legislation. ⁶ Net new grants are not adjusted for settlements for postwar relief and other grants under agreements, and net new credits exclude prior grants converted into credits, which were as follows: July 1945-December 1955, \$2,198 million; 1956-65, \$491 million; 1972, \$394 million. Repayments on these settlements are included in net new credits. ⁷ Developed countries include Australia, Canada, Japan, New Zealand, South Africa, all countries listed under "Western Europe" in table 1503, except Portugal, Spain, Yugoslavia, and Malta, and all countries listed under "Eastern Europe" in table 1503. Developing countries include all other countries listed in table 1503. ⁸ Agricultural Trade Development and Assistance Act. ⁹ Outstanding credits on Dec. 31, 1980, totaled \$53,164 million representing net credits extended since organization of Export-Import Bank, Feb. 12, 1934, less chargeoffs and net adjustments due to exchange rates (\$1,643 million), and excluding World War I debts. The amount repayable in dollars at U.S. Government option was \$50,893 million; the remainder was repayable in foreign currencies, commodities, or services, at the option of the borrowers. ¹⁰ Commodity Credit Corporation Charter Act. ¹¹ Equivalent value of currencies still available to be used, including some funds advanced from foreign governments and after loss by exchange rate fluctuations (\$1,413 million), was \$353 million on Dec. 31, 1980. ¹² Includes foreign currencies acquired from triangular trade operations and principal and interest collections on credits, originally extended under P.L. 83-480, which—since enactment of P.L. 87-128—are available for the same purposes as P.L. 83-480 currencies.

Source: U.S. Bureau of Economic Analysis, press releases and unpublished data.

No. 1503. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY COUNTRIES: 1945 TO 1980

[In millions of dollars. See text, pp. 827-828. Negative figures (—) occur when the total of grant returns, principal repayments, and/or foreign currencies disbursed by the U.S. Government exceeds new grants and new credits utilized and/or acquisitions of foreign currencies through new sales of farm products. See also *Historical Statistics, Colonial Times to 1970*, series U 75-186]

TYPE AND COUNTRY	Post WW II peri- od, ¹ total	1945- 1955, total	1956- 1965, total	1966- 1975, total	1976	1977	1978	1979	1980, prel.
Total, net.....	212,524	55,134	47,317	68,851	7,931	6,741	7,998	7,736	10,815
Investment in financial institutions.....	8,200	635	655	2,719	1,102	870	867	551	800
African Development Fund.....	25	—	—	—	15	10	—	—	—
Asian Development Bank.....	333	—	—	110	75	31	35	29	53
Inter-American Development Bank.....	2,999	—	300	1,321	255	307	344	239	233
Int'l. Bank for Reconstr. and Development.....	719	635	—	13	—	—	38	16	16
International Development Association.....	4,003	—	320	1,275	757	521	412	241	476
International Finance Corporation.....	121	—	35	—	—	—	38	26	22
Under assistance programs.....	204,325	54,499	46,982	66,132	6,830	5,871	7,131	7,185	10,015
Military grants ²	69,690	16,445	19,159	28,720	1,339	766	817	910	1,533
Western Europe (excl. Greece and Turkey).....	17,602	9,580	6,554	892	93	71	118	123	171
Near East ³ (incl. Greece, Turkey, Egypt) and South Asia.....	13,945	2,061	3,873	4,007	927	523	604	712	1,240
Africa (excl. Egypt).....	440	7	166	225	17	9	7	5	5
Far East and Pacific.....	35,853	4,403	7,618	23,165	280	145	74	57	110
Western Hemisphere.....	1,389	236	712	384	16	13	14	6	7
Unspecified areas.....	460	159	237	47	6	5	(2)	6	—
Other grants, credits, and other assistance (through net accumulation of foreign currency claims).....	134,635	38,054	27,503	37,412	5,490	5,105	6,315	6,275	8,482
Developed countries ⁴	24,850	27,129	-2,087	-75	159	-188	78	-224	68
Developing countries ⁵	109,785	10,925	29,600	37,487	5,331	5,293	6,237	6,498	8,414

See footnotes at end of table.

No. 1503. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY COUNTRIES: 1945 TO 1980—

Continued

[In millions of dollars. See headnote, p. 838. See also *Historical Statistics, Colonial Times to 1970*, series U 75-186]

TYPE AND COUNTRY	Post WW II 1945- period, 1 total	1945- 1955, total	1956- 1965, total	1966- 1975, total	1976	1977	1978	1979	1980, prel.
Western Europe	24,701	24,770	-951	140	182	-51	334	-118	394
Austria	1,089	1,019	87	-19	2	-4	-5	-5	14
Belgium and Luxembourg	700	726	-70	16	-2	-8	-7	-7	52
Denmark	302	284	-19	38	-4	(2)	-9	-3	15
France	3,955	5,477	-1,238	-92	-41	-27	-45	-48	-31
Germany, Federal Republic of	2,864	3,907	-852	-111	-22	-14	-14	-14	-14
Iceland	51	34	33	-8	-3	-3	-2	-5	5
Italy	3,143	2,795	120	60	-13	1	-8	-17	184
Malta	84	1	3	47	14	11	10	-	-
Netherlands	865	1,051	-224	115	14	-10	-25	-29	-27
Norway	355	309	-71	285	30	-36	-46	-44	-52
Portugal	923	67	93	14	113	166	476	94	-99
Spain	1,797	195	685	417	18	33	157	134	159
Sweden	122	108	-20	17	11	4	1	-3	5
Switzerland	68	-	(2)	78	8	5	-9	-6	-9
United Kingdom	5,587	6,923	-532	-546	-18	-152	-142	-123	178
Yugoslavia	2,125	860	1,042	84	78	23	39	-25	22
Other * and unspecified	670	1,013	12	-254	-3	-40	-37	-17	-8
Eastern Europe	2,549	1,097	501	226	166	214	424	206	-285
Czechoslovakia	191	191	-	-	-	-	-	-	-
Poland	1,412	425	555	-75	142	135	343	129	-243
Romania	191	-	-	92	22	-21	45	76	-23
Soviet Union	692	425	-59	214	2	99	32	-7	-14
Other	63	55	5	-5	(2)	-	5	8	-4
Near East and South Asia	43,566	3,163	12,338	12,530	2,409	2,661	2,639	3,250	4,582
Afghanistan	528	31	224	183	20	13	12	36	4
Bangladesh	1,379	-	-	701	78	97	169	161	174
Cyprus	162	-	19	20	21	47	24	14	17
Egypt	4,945	41	1,009	271	233	417	619	890	1,466
Greece	2,302	1,324	330	221	121	172	162	24	-52
India	9,492	399	4,796	3,791	120	46	81	94	164
Iran	853	211	477	705	-109	-105	-170	-158	(2)
Israel	10,625	390	483	2,176	1,405	1,476	1,306	1,539	1,849
Jordan	1,491	26	455	455	100	139	72	85	160
Lebanon	249	15	70	83	7	32	13	10	18
Nepal	250	3	86	103	16	12	6	8	16
Pakistan	5,102	178	2,416	2,044	253	84	44	18	65
Sri Lanka (Ceylon)	433	(2)	89	149	21	38	41	39	55
Syria	265	1	57	15	23	48	19	80	22
Turkey	4,003	385	1,418	1,026	57	83	175	334	525
Yemen Arab Rep	110	-	40	24	8	7	7	9	16
UNRWA *	951	131	274	296	39	55	52	50	54
Other and unspecified	428	27	97	264	-6	-	2	14	30
Africa	9,146	143	2,096	3,358	509	578	620	748	1,095
Algeria	893	1	135	263	67	40	113	150	125
Benin	45	-	7	12	7	9	4	4	2
Botswana	69	-	(2)	35	8	5	13	11	16
Cameroon	122	-	16	50	5	9	3	14	25
Chad	74	(2)	5	20	6	11	13	12	6
Ethiopia	385	9	109	176	34	14	11	13	20
Ghana	346	(2)	64	203	16	19	9	20	16
Guinea	164	-	58	67	9	9	10	4	7
Ivory Coast	113	-	14	57	(2)	8	5	1	27
Kenya	284	(2)	34	76	18	58	21	27	50
Lesotho	76	-	(2)	27	6	6	7	11	20
Liberia	303	25	135	80	15	-1	10	9	30
Libya	206	25	183	-2	-	-	-	-	-
Madagascar	27	(2)	7	13	1	1	2	2	(2)
Malawi	58	-	5	30	5	5	4	4	4
Mali	134	-	10	57	5	6	16	15	25
Mauritania	62	-	1	20	9	3	5	6	17
Morocco	1,106	7	443	382	105	37	57	36	39
Mozambique	71	-	-	1	12	8	10	24	17
Niger	123	-	5	64	9	8	10	17	10
Nigeria	354	(2)	87	283	3	-7	-6	-3	-3
Senegal	175	-	15	48	8	14	23	30	37
Sierra Leone	99	(2)	22	36	7	10	9	5	9

See footnotes at end of table.

NO. 1503. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY COUNTRIES: 1945 TO 1980—
Continued

[In millions of dollars. See headnote, p. 838. See also *Historical Statistics, Colonial Times to 1970*, series U 75-186]

TYPE AND COUNTRY	Post WW II peri- od, ¹ total	1945- 1955, total	1956- 1965, total	1966- 1975, total	1976	1977	1978	1979	1980, prel.
Africa—Continued									
Somalia	198	(z)	42	47	3	3	14	22	67
South Africa	-92	20	-101	-11	(z)	(z)	(2)	(2)	(z)
Sudan	252	-	86	52	-4	9	11	25	73
Tanzania	296	2	34	123	37	30	15	24	30
Togo	49	-	9	18	3	4	2	7	6
Tunisia	874	2	362	344	13	33	30	10	50
Uganda	59	-	12	33	(z)	(z)	(2)	(2)	14
Upper Volta	144	-	5	40	8	15	21	24	30
Zaire	1,027	(z)	248	321	37	117	61	100	144
Zambia	193	-	1	35	8	31	35	40	42
Zimbabwe	26	-	(z)	(z)	-	-	-	-	26
Other and unspecified	814	51	12	360	47	64	82	83	114
Far East and Pacific	30,202	6,754	7,785	10,819	1,081	720	1,240	973	830
Australia	116	1	(z)	276	-46	-50	-36	-29	(z)
Brunei	(z)	-	-	20	-20	-	-	(z)	(z)
Burma	122	22	78	16	-1	8	2	(z)	(z)
China: Taiwan	2,652	450	862	514	145	69	52	171	388
Hong Kong	83	3	35	41	6	-4	-3	-5	10
Indonesia	2,998	246	437	1,289	333	163	178	214	137
Japan	2,016	2,302	238	-463	58	-48	46	-69	-49
Kampuchea	896	28	228	593	1	(z)	(z)	5	40
Korea, Republic of	7,512	1,358	2,517	2,017	344	250	696	228	101
Laos	908	37	398	472	-	-	-	-	-
Malaysia	132	1	30	84	15	24	5	-16	-10
New Zealand	107	5	-2	95	13	3	-1	-3	-4
Papua New Guinea	(z)	-	(z)	31	-12	-18	(z)	(z)	(z)
Philippines	2,181	833	237	497	109	151	120	141	32
Ryukyu Islands	391	221	90	81	-	-	-	-	-
Singapore	248	-	(z)	78	16	-3	38	93	25
Thailand	885	39	324	261	7	72	24	107	31
Trust Territory of the Pacific Islands	1,121	30	89	488	90	92	100	125	107
Vietnam	6,691	245	2,088	4,359	-	-	-	-	-
Other and unspecified	1,140	933	78	52	25	11	13	11	20
Western Hemisphere	14,277	1,151	4,469	6,367	518	433	293	361	685
Argentina	334	86	294	-5	20	6	-8	-29	-30
Bahamas	(z)	(z)	(z)	29	-1	-21	-1	-3	-2
Bermuda	-1	-	-	18	-8	-6	-2	-1	-1
Bolivia	780	77	275	239	30	32	61	36	29
Brazil	3,231	470	1,200	1,456	145	41	-36	-17	-28
Canada	337	-1	-5	272	13	-19	-8	-9	95
Cayman Islands	2	-	-	12	-1	1	-7	-2	-1
Chile	1,083	85	651	691	-71	12	-32	-184	-68
Colombia	1,240	31	386	796	21	1	7	-6	6
Costa Rica	231	16	61	102	7	5	7	8	3
Dominican Republic	629	-1	173	341	29	1	-3	59	30
Ecuador	309	27	96	125	15	5	16	8	16
El Salvador	236	4	52	87	9	14	11	10	49
Guatemala	416	23	136	141	43	24	16	17	3
Guyana	102	(z)	7	71	7	6	4	3	3
Haiti	279	27	70	42	18	28	29	29	38
Honduras	262	6	50	104	18	18	16	28	20
Jamaica	201	16	2	119	8	7	19	19	12
Mexico	1,118	226	177	304	34	75	17	103	180
Nicaragua	375	8	60	137	17	21	25	29	78
Panama	384	10	102	203	36	10	6	5	12
Paraguay	146	4	53	68	3	4	2	2	-1
Peru	797	42	212	239	43	96	71	95	-2
Trinidad and Tobago	166	-	35	21	-4	-1	-2	29	69
Uruguay	144	6	54	68	5	(z)	-4	-3	-3
Venezuela	247	6	146	107	-22	-19	-3	13	18
Other ² and unspecified	1,230	-20	152	559	103	91	95	120	129
Other international organizations and unspecified areas	10,193	976	1,265	3,971	626	550	769	854	1,180

- Represents zero. Z Less than \$500,000. ¹ July 1, 1945, through Dec. 31, 1980; see footnote 1, table 1502. ² See table 1502, footnote 5. ³ See table 1502, footnote 7. ⁴ Includes European Atomic Energy Community, European Coal and Steel Community, European Payments Union, European Productivity Agency, North Atlantic Treaty Organization, and former Organization for European Economic Cooperation. ⁵ United Nations Relief and Works Agency for Palestine refugees. ⁶ Includes Caribbean Development Bank, Central American Bank for Economic Integration, Inter-American Institute of Agricultural Sciences, Organization of American States, and Pan American Health Organization.

Source: U.S. Bureau of Economic Analysis, press releases and unpublished data.

NO. 1504. U.S. FOREIGN ECONOMIC AND MILITARY AID PROGRAMS: 1946 TO 1980

[In millions of dollars. For years ending June 30 except, beginning 1977, ending Sept. 30. Economic aid shown here represents total U.S. economic aid—not just aid under Foreign Assistance Act. Major components in recent years include AID, Food for Peace, Peace Corps, and paid-in subscriptions to international financial institutions, such as IBRD, and IDB. Cumulative totals for 1946-1980 are true totals net of deobligation; annual figures, however, are gross unadjusted program figures. Military aid includes Military Assistance Program (MAP) grants, foreign military credit sales, service-funded programs, and excess defense articles]

PERIOD OR YEAR	Total economic and military aid	ECONOMIC AID			MILITARY AID		
		Total	Loans	Grants	Total	Loans	Grants
1946-1980, total	229,106	141,635	47,365	94,270	87,471	17,355	70,116
1946-1952	41,661	31,116	8,518	22,598	10,545	-	10,545
1953-1961	43,359	24,053	5,850	18,203	19,305	161	19,144
1962-1969	50,254	33,392	15,421	17,972	16,862	1,620	15,242
1970-1980	97,678	56,746	19,652	37,095	40,934	15,630	25,303
1970	6,568	3,876	1,389	2,288	2,892	70	2,822
1971	7,838	3,442	1,299	2,143	4,396	743	3,653
1972	9,021	3,940	1,639	2,301	5,080	550	4,530
1973	9,472	4,117	1,391	2,726	5,356	550	4,805
1974	8,510	3,906	1,150	2,756	4,604	1,396	3,208
1975	6,916	4,908	1,679	3,229	2,009	750	1,259
1976	6,412	3,878	1,759	2,119	2,535	1,442	1,093
1976, TQ ¹	2,603	1,931	840	1,091	672	494	178
1977	7,784	5,594	2,083	3,511	2,190	1,411	779
1978	9,014	6,681	2,530	4,131	2,353	1,601	752
1979	13,845	7,120	1,900	5,220	6,725	5,173	1,552
1980	9,695	7,573	1,993	5,580	2,122	1,450	672

- Represents zero. ¹ Transition quarter, July-Sept.

Source: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance from International Organizations*, annual.

NO. 1505. U.S. FOREIGN MILITARY AID, BY SELECTED COUNTRIES: 1962 TO 1980

[In millions of dollars, except percent. For years ending Sept. 30, except as indicated. Military aid data include Military Assistance Program (MAP) grants, foreign military credit sales, International Military Education and Training, and excess defense articles]

REGION AND COUNTRY	1962-1980 ¹		1978, total	1979, total	1980, total	REGION AND COUNTRY	1962-1980 ¹		1978, total	1979, total	1980, total
	Total	Per cent grants					Total	Per cent grants			
Total	57,795.0	70.0	2,353.0	6,725.0	2,122.0	Europe ² -Con.					
Near East and So. Asia ²	22,394.6	44.2	1,480.8	6,007.5	1,484.2	Norway	199.0	100.0	-	-	-
Egypt	1,501.4	.9	.2	1,500.4	.8	Portugal	162.3	100.0	-	-	-
Greece	2,122.9	53.0	175.0	172.3	147.6	Spain	985.6	51.1	137.0	164.4	125.9
India	146.4	81.0	.3	.5	.3	Latin America ²	1,741.8	46.2	79.2	30.9	21.1
Iran	844.7	40.3	-	-	-	Argentina	261.5	33.0	-	-	-
Israel	12,911.6	40.7	1,000.0	4,000.0	1,000.0	Bolivia	79.9	71.2	.8	6.7	.3
Jordan	979.2	54.6	127.4	109.6	79.3	Brazil	413.9	34.3	-	-	-
Lebanon	117.4	93.2	.6	43.1	22.4	Chile	146.0	57.1	-	-	-
Pakistan	208.1	95.1	.6	.5	-	Colombia	188.1	44.0	52.2	13.0	.3
Saudi Arabia	223.7	.4	-	-	-	Dominican Rep.	38.5	83.9	.7	1.0	3.5
Turkey	3,299.8	70.0	175.4	180.3	208.3	Ecuador	77.7	50.1	10.7	.4	3.3
East Asia ²	28,921.7	91.6	452.1	345.0	283.9	Guatemala	40.2	73.1	-	-	-
China	1,893.9	70.9	24.1	(Z)	(Z)	Honduras	31.3	48.9	3.2	2.3	3.9
Taiwan	397.1	60.5	58.1	34.6	33.1	Nicaragua	30.6	73.9	.4	(Z)	-
Indonesia	240.9	85.6	-	-	-	Paraguay	30.0	98.7	.6	-	-
Japan	1,195.8	100.0	-	-	-	Peru	166.2	48.6	8.9	5.5	3.3
Kampuchea	5,851.8	79.3	276.8	238.4	130.5	Uruguay	57.6	68.0	-	-	-
Korea	1,481.9	100.0	-	-	-	Venezuela	121.5	22.6	.1	-	-
Laos	149.8	.4	17.1	8.0	7.3	Africa ²	1,083.7	33.2	125.4	96.7	118.9
Malaysia	599.2	75.6	37.3	31.7	75.5	Ethiopia	224.3	84.0	-	-	-
Philippines	1,246.3	86.3	38.6	32.1	37.4	Kenya	109.4	.3	27.4	10.4	20.5
Thailand	15,797.9	100.0	-	-	-	Morocco	308.4	15.9	44.2	46.1	25.9
Vietnam	1,856.0	69.7	165.0	192.7	157.9	Sudan	33.3	.5	.2	5.3	25.4
Europe ²	71.1	100.0	-	-	-	Tunisia	167.0	28.3	26.1	21.1	15.6
Denmark	62.8	.8	-	-	-	Zaire	156.9	25.4	19.5	9.8	6.9
France	268.5	99.9	-	-	-	Oceania and other	94.9	.3	-	-	-
Italy	-	-	-	-	-	Interregional	1,702.2	98.8	50.9	52.3	56.4

- Represents zero. ² Less than \$50,000.

¹ From 1962 to 1976, years ended June 30. Includes transition quarter, July 1, 1976 to Sept. 30, 1976. ² Includes amounts not shown separately. Regional totals include aid to entire regions or sub-regions.

Source: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance from International Organizations*, annual.

NO. 1506. U.S. FOREIGN AID—COMMITMENTS FOR ECONOMIC ASSISTANCE, BY REGIONS AND COUNTRIES: 1962 TO 1980

[In millions of dollars, except percent. Falls under economic portion of the Foreign Assistance Act. Data cover commitments for economic and technical assistance by AID and predecessor agencies. For years ending Sept. 30, except as indicated. See text, pp. 827 and 828]

REGION AND COUNTRY	GROSS CUMULATIVE TOTAL, 1962-1980 ¹		1978, total	1979, total	1980, total	REGION AND COUNTRY	GROSS CUMULATIVE TOTAL, 1962-1980 ¹		1978, total	1979, total	1980, total
	Total	Percent grants					Total	Percent grants			
Economic assistance	49,441	58.0	4,086	3,848	4,082	East Asia²	9,045	79.4	150	173	188
Near East and South Asia²	18,832	39.9	1,997	2,170	2,200	China, Taiwan.....	70	11.2	-	-	-
Bangladesh.....	756	71.7	95	90	80	Indonesia.....	1,050	19.7	74	95	83
Cyprus.....	122	98.1	15	15	15	Kampuchea.....	379	100.0	-	-	-
Egypt.....	4,305	39.4	751	835	865	Korea.....	1,080	53.5	(2)	1	-
Greece.....	135	15.1	-	-	-	Laos.....	648	99.2	-	-	-
India.....	3,245	4.8	60	91	103	Philippines.....	534	41.4	53	44	60
Iran.....	104	48.6	-	-	-	Thailand.....	466	83.9	8	22	26
Israel.....	4,505	68.5	785	785	785	Vietnam.....	4,490	98.9	1	-	-
Jordan.....	985	76.7	93	93	89	East Asia Regional.....	302	100.0	15	12	18
Nepal.....	98	90.8	10	12	13	Africa²	4,182	62.5	363	339	435
Pakistan.....	2,041	8.9	20	9	-	Botswana.....	60	72.1	15	14	13
Sri Lanka.....	144	12.3	23	29	31	Cameroon.....	55	62.4	12	8	6
Syria.....	464	8.4	90	90	-	Ethiopia.....	233	41.3	5	3	-
Turkey.....	1,359	20.2	1	70	198	Ghana.....	229	24.6	7	8	10
Yemen Arab Rep.....	91	98.4	7	17	12	Guinea.....	61	83.0	2	3	5
Regional.....	152	100.0	20	31	22	Kenya.....	191	53.8	30	17	32
Latin America²	7,524	25.3	228	255	289	Liberia.....	224	54.0	5	15	16
Argentina.....	143	11.9	-	-	-	Malawi.....	51	37.6	(2)	4	4
Bolivia.....	467	28.9	34	29	5	Mali.....	92	85.8	10	17	16
Brazil.....	1,480	11.4	-	-	-	Morocco.....	202	23.9	10	4	9
Chile.....	645	5.8	(2)	(2)	(2)	Niger.....	57	90.4	11	11	10
Colombia.....	991	6.7	-	(2)	(2)	Nigeria.....	349	65.5	-	-	-
Costa Rica.....	150	20.3	7	16	14	Senegal.....	60	97.8	9	15	10
Dominican Rep.....	437	36.6	1	26	35	Somalia.....	89	80.4	3	11	17
Ecuador.....	163	36.9	1	1	8	Sudan.....	156	78.0	8	17	70
El Salvador.....	166	34.5	8	7	52	Tanzania.....	137	77.6	17	21	15
Guatemala.....	207	35.5	5	17	8	Tunisia.....	281	33.3	20	15	11
Guyana.....	117	23.2	25	6	3	Upper Volta.....	51	100.0	11	12	7
Haiti.....	121	78.0	9	9	11	Zaire.....	303	55.1	10	20	24
Honduras.....	234	26.6	13	22	48	Zambia.....	105	9.8	30	20	24
Jamaica.....	96	24.7	12	6	3	Zimbabwe.....	25	100.0	-	-	23
Mexico.....	70	5.3	-	-	-	Regional.....	751	(NA)	98	60	83
Nicaragua.....	236	21.5	13	10	19	Europe²	689	42.2	352	21	50
Panama.....	280	22.3	21	20	1	Italy.....	53	100.0	23	4	3
Paraguay.....	92	46.7	2	7	1	Malta.....	76	93.4	10	-	-
Peru.....	304	28.8	22	34	19	Portugal.....	475	17.2	300	-	40
Uruguay.....	82	23.4	(2)	-	-	Spain.....	59	100.0	7	7	7
Venezuela.....	57	29.6	-	-	-	Oceania and other	6	100.0	1	1	5
ROCAP ³	282	21.4	2	3	4	Non-Regional	9,162	99.3	997	890	896
Regional.....	508	80.3	31	14	15						

- Represents zero. NA Not available. Z Less than \$500,000. ¹ From 1962 to 1976, years ended June 30, includes transition quarter, July 1 to Sept. 30, 1976. ² Includes countries not shown separately. ³ Regional programs covering Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, and Panama.

Source: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance from International Organizations*, annual; and unpublished data.

NO. 1507. EXPORTS FINANCED BY FOREIGN AND AGRICULTURAL AID: 1960 TO 1980

[In millions of dollars, except percent. See headnote, table 1504]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Exports financed by aid ¹	2,685	3,242	2,543	1,928	1,991	2,351	1,939	1,938	2,217	2,114	1,923
Percent of total exports ²	13.0	11.8	5.9	2.7	2.0	2.2	1.7	1.6	1.5	1.2	.9
Loans and grants (AID).....	432	1,140	957	857	570	665	671	802	988	710	673
Military grant-aid.....	949	779	565	516	599	461	190	62	85	165	156
Agricultural aid (P.L. 480).....	1,304	1,323	1,021	755	822	1,226	1,078	1,074	1,144	1,239	1,094
Sales for foreign currencies.....	1,014	899	276	4	-	-	-	-	-	-	-
Donations.....	173	253	255	209	315	302	307	368	350	418	329
Long-term dollar and convertible foreign currency credit sales.....	-	152	480	542	507	924	771	706	794	821	765

- Represents zero. ¹ Foreign Assistance Act and Public Law 480; see table 1216. ² For total exports, see table 1508. ³ Includes barter for strategic materials.

Source: U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports*, *U.S. Foreign Trade*, annual.

No. 1508. EXPORTS AND IMPORTS OF MERCHANDISE: 1960 TO 1980

[In billions of dollars, except per capita and percent. Beginning 1970, includes silver ore and bullion. Beginning 1977, includes shipments of nonmonetary gold. For basis of dollar values, see text, pp. 828 and 829. "Special Category" commodities are grouped separately for security reasons. See also *Historical Statistics, Colonial Times to 1970*, series U 190-195 and U 207-212]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Total exports ¹	20.6	27.5	43.2	71.3	98.5	107.6	115.0	121.2	143.7	181.8	220.7
Domestic.....	20.4	27.1	42.6	70.2	97.1	106.1	113.3	119.0	141.2	178.6	216.6
Annual percent change ²	16.8	3.7	13.7	18.1	38.3	9.2	6.8	5.0	18.6	26.5	21.3
Excl. Special Category.....	19.7	26.2	41.9	69.8	96.4	104.6	112.4	117.9	139.2	175.6	213.3
Special Category.....	.8	1.2	1.4	1.6	2.1	3.0	2.6	3.2	4.5	3.0	3.3
Foreign (initially imports).....	.2	.3	.6	1.1	1.4	1.5	1.7	2.2	2.5	3.2	4.1
Total exports, excluding M.A.P. ³	19.6	26.7	42.7	70.8	97.9	107.1	114.8	121.2	143.6	181.7	220.5
M.A.P. ³ Grant-Aid ⁴	.9	.8	.6	.5	.6	.5	.2	.1	.1	.2	.2
General imports ⁵	14.7	21.4	40.0	69.5	101.0	96.9	120.7	147.7	172.0	206.3	240.8
Annual percent change ²	-3.6	14.4	10.8	25.0	45.4	-4.1	25.7	22.4	16.5	20.0	16.7
Merchandise trade balance ⁶	5.0	5.3	2.7	1.3	-3.1	10.2	-5.9	-26.5	-28.5	-24.7	-20.2
Per capita ⁷ (dollars):											
Domestic exports.....	113	140	208	334	458	497	527	549	646	810	956
General imports.....	81	110	195	330	477	454	561	681	787	935	1,063
Imports for consumption ⁸	14.7	21.3	39.8	69.0	100.1	96.5	121.1	147.1	172.9	205.9	239.9
Free.....	5.8	7.4	13.9	28.3	52.1	31.0	37.2	43.6	51.8	103.3	107.0
Percent of total.....	39	35	35	41	52	32	31	30	30	50	45
Dutiable.....	8.9	13.8	25.9	40.8	48.1	65.5	83.9	103.4	121.1	102.6	133.0
Duties calculated.....	1.1	1.6	2.6	3.6	3.8	3.8	4.7	5.5	7.2	7.2	7.5
Percent of imports.....	7.5	7.5	6.5	5.2	3.8	3.9	3.9	3.7	4.2	3.5	3.1

¹ Includes "Special Category" items. ² From previous year. (For 1960, from 1959, 1965 from 1964, etc.) ³ M.A.P. = Military Assistance Program. ⁴ Represents shipments only from U.S. and may differ from U.S. Dept. of Defense figures because of differences in statistical definitions. ⁵ Prior to 1976, customs value basis; thereafter, f.a.s. value basis. ⁶ For figures adjusted to balance of payments basis, see table 1494. Total domestic and foreign exports excluding M.A.P. Grant-Aid shipments, minus general imports. ⁷ Based on estimated population including Armed Forces abroad as of July 1, except 1970 and 1980 as of April 1. ⁸ Customs value basis.

Source: U.S. Bureau of the Census. For 1960, *Foreign Commerce and Navigation of the United States*; thereafter, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.

No. 1509. EXPORTS AND IMPORTS OF MERCHANDISE FOR CONSUMPTION, BY CUSTOMS REGIONS: 1965 TO 1980

[In millions of dollars. Exports include reexports; imports are on customs value basis. See *Historical Statistics, Colonial Times to 1970*, series U 264-273, for related data]

CUSTOMS REGIONS	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Exports, total ¹	27,346	43,226	49,676	71,339	98,507	107,592	114,992	121,212	143,663	181,816	220,705
Boston.....	156	3,297	4,478	5,713	7,713	7,809	8,667	9,613	10,275	12,361	14,339
New York.....	7,158	10,037	9,839	12,738	17,476	18,733	19,372	19,920	23,612	32,803	38,949
Baltimore.....	692	3,912	4,397	6,310	10,347	12,525	13,074	12,335	14,425	18,030	21,467
Miami.....	612	1,983	2,658	3,518	5,442	6,232	7,298	8,692	10,338	13,586	17,502
New Orleans.....	2,243	3,946	4,560	7,452	10,725	11,314	12,202	12,787	14,836	17,956	22,046
Houston.....	1,857	4,028	4,634	7,932	11,278	12,877	12,455	12,180	15,365	21,298	28,321
Los Angeles.....	781	2,508	2,408	4,059	5,878	6,446	7,136	7,274	9,211	13,029	17,008
San Francisco.....	1,115	4,936	5,622	8,782	11,666	11,465	13,088	13,375	17,115	23,520	29,292
Chicago.....	470	6,241	8,665	11,480	13,484	15,328	17,130	18,817	21,823	23,623	25,187
Imports, total ¹	21,366	39,963	55,555	69,024	100,140	96,516	121,121	147,939	172,912	205,850	239,944
Boston.....	684	5,678	7,491	8,997	11,037	9,946	12,376	14,681	17,870	19,934	21,636
New York.....	6,619	10,050	12,568	15,557	20,417	18,053	21,995	26,104	33,184	37,775	43,389
Baltimore.....	773	3,936	5,640	7,257	12,719	11,888	13,232	15,378	18,424	22,172	26,793
Miami.....	453	2,412	4,051	4,811	7,118	6,444	7,920	9,226	11,156	12,760	14,915
New Orleans.....	821	1,630	2,145	2,873	5,724	6,790	9,307	13,147	14,139	19,231	25,467
Houston.....	591	1,754	2,668	3,825	7,873	8,789	12,604	17,410	20,681	28,135	34,717
Los Angeles.....	1,192	3,268	4,916	6,531	9,049	8,569	11,078	13,611	16,288	18,779	22,161
San Francisco.....	704	3,569	5,074	6,394	10,497	10,599	13,333	15,883	17,842	20,823	24,989
Chicago.....	597	7,341	10,621	12,407	15,327	15,061	16,921	21,360	23,273	25,894	25,591

¹ Includes data on low-value shipments not distributed by customs region.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.

NO. 1510. EXPORT AND IMPORT UNIT VALUE INDEXES—SELECTED COUNTRIES: 1960 TO 1980

[Indexes in U.S. dollars, 1975=100. A unit value is an implicit price derived from value and quantity data]

COUNTRY AND ITEM	1960	1965	1968	1969	1970	1971	1972	1973	1974	1976	1977	1978	1979	1980
Exports: U.S.	46	49	52	54	56	58	60	70	89	103	107	115	134	148
Japan.....	57	49	50	52	55	58	65	78	100	99	109	130	139	150
France.....	43	46	47	48	49	52	58	72	84	98	105	120	139	155
Germany.....	36	40	40	41	48	52	58	73	88	102	112	129	145	157
Italy.....	48	48	47	49	51	54	60	70	89	94	107	119	143	168
United Kingdom.....	47	51	50	51	55	59	65	71	86	97	112	135	164	203
Canada.....	49	47	51	52	56	58	61	69	94	106	104	106	124	145
Imports: U.S.	40	40	42	43	46	49	52	62	92	103	112	121	142	181
Japan.....	38	38	38	37	40	42	44	55	95	103	110	115	145	186
France.....	46	46	46	46	48	50	55	67	91	99	108	118	138	185
Germany.....	40	42	41	43	48	50	55	71	93	103	114	127	153	178
Italy.....	37	38	39	40	41	43	48	61	95	98	108	118	143	180
United Kingdom.....	42	43	43	44	48	51	54	68	93	99	112	127	153	193
Canada.....	53	54	56	58	61	64	67	71	90	103	108	114	126	147

Source: International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly.

NO. 1511. EXPORTS AND IMPORTS—INDEXES OF TOTAL VALUE, UNIT VALUE (AVERAGE PRICE), AND QUANTITY: 1970 TO 1980

[1977 average=100. See headnote, table 1510. See also *Historical Statistics, Colonial Times to 1970*, series U 225-248]

ECONOMIC CLASS	INDEX OF EXPORTS OF U.S. MERCHANDISE ¹							INDEX OF GENERAL IMPORTS						
	1970-1975, avg.	1975	1976	1977	1978	1979	1980	1970-1975, avg.	1975	1976	1977	1978	1979	1980
Total value	57.3	89.7	95.9	100.0	119.7	151.3	183.6	46.8	66.5	83.6	100.0	118.9	142.1	165.5
Foods: Crude.....	70.8	125.0	120.9	100.0	134.7	167.2	205.0	44.7	51.5	73.9	100.0	102.5	108.8	108.5
Manufactured.....	56.7	78.8	88.9	100.0	124.1	141.5	177.7	73.8	88.4	92.9	100.0	120.4	142.5	154.0
Materials, crude.....	78.8	116.5	126.4	100.0	167.6	215.1	254.4	25.0	57.8	76.6	100.0	98.5	137.5	180.5
Manufactures: Semi.....	64.9	90.8	98.8	100.0	133.9	219.4	266.5	52.5	69.1	81.8	100.0	116.5	136.9	150.8
Finished.....	55.1	87.9	94.9	100.0	116.1	138.6	168.1	54.4	70.2	87.4	100.0	134.0	150.5	169.1
Unit value	67.4	92.8	96.1	100.0	106.9	121.6	138.1	59.8	89.4	92.2	100.0	107.9	128.7	161.4
Foods: Crude.....	84.1	128.2	115.8	100.0	108.3	125.6	140.0	39.2	46.1	63.0	100.0	93.4	96.6	103.8
Manufactured.....	76.7	99.8	91.6	100.0	108.4	118.8	121.4	87.5	122.1	105.9	100.0	111.7	133.8	169.5
Materials, crude.....	58.3	88.4	90.3	100.0	100.4	115.5	122.1	46.1	86.0	92.8	100.0	102.7	137.7	224.2
Manufactures: Semi.....	69.7	100.9	95.5	100.0	106.7	133.6	167.5	57.4	91.9	90.5	100.0	106.6	142.0	171.3
Finished.....	67.0	87.4	95.1	100.0	107.9	119.4	134.8	66.6	92.8	94.6	100.0	112.4	123.1	134.8
Quantity	82.3	96.6	99.8	100.0	111.9	124.5	133.0	77.4	74.4	90.7	100.0	110.2	110.4	102.5
Foods: Crude.....	78.4	97.5	104.5	100.0	124.5	133.1	146.5	114.5	112.0	117.4	100.0	109.7	112.7	104.5
Manufactured.....	73.1	79.0	97.1	100.0	114.6	119.2	146.4	84.7	72.4	87.8	100.0	107.8	106.5	90.8
Materials, crude.....	88.8	88.1	93.5	100.0	111.6	124.5	139.3	53.3	67.3	84.7	100.0	95.9	99.8	80.5
Manufactures: Semi.....	92.0	90.0	103.5	100.0	125.6	164.3	159.1	92.4	75.2	90.4	100.0	109.3	96.5	88.1
Finished.....	79.9	100.6	99.8	100.0	107.7	116.1	124.7	81.0	75.7	92.3	100.0	119.2	122.2	125.4

Source: U.S. Bureau of the Census, *Indexes of U.S. Exports and Imports by Economic Class, 1919-1971*, and unpublished data.

NO. 1512. EXPORTS AND IMPORTS—VALUE, BY BROAD END-USE CLASS: 1967 TO 1980

[Data are adjusted to balance of payments basis, excluding military; for details, see source, Exports include re-exports. See also *Historical Statistics, Colonial Times to 1970*, series U 249-263]

END-USE CLASS	TOTAL (bil. dol.)										PERCENT		
	1967	1970	1974	1975	1976	1977	1978	1979	1980 ¹		1967	1970	1980 ¹
Exports, total ²	30.7	42.5	88.3	107.1	114.7	120.8	142.1	184.5	224.0		100	100	100
Foods, feeds, and beverages.....	5.0	5.9	18.6	19.2	19.8	19.7	25.2	30.0	35.8		16	14	16
Industrial supplies and materials.....	10.0	13.8	30.1	29.9	32.1	34.8	39.2	58.4	71.8		33	32	32
Capital goods, except automotive.....	9.9	14.6	30.9	36.6	39.1	39.5	46.5	58.8	74.1		32	34	33
Automotive vehicles and parts ³	2.8	3.9	8.6	10.6	12.1	13.4	15.6	18.2	17.3		9	9	8
Consumer goods (nonfood) ⁴	2.1	2.8	6.4	6.6	8.0	8.9	10.4	12.8	16.7		7	7	7
General Imports, total ²	26.9	39.9	103.8	98.0	124.0	151.7	175.8	211.8	249.3		100	100	100
Foods, feeds, and beverages.....	4.6	6.1	10.6	9.6	11.5	14.0	15.4	17.4	18.1		17	15	7
Industrial supplies and materials.....	12.0	15.3	54.4	51.0	64.3	80.7	84.8	110.4	134.5		45	38	54
Capital goods, except automotive.....	2.5	4.0	9.8	10.2	12.3	14.0	19.2	24.6	30.3		9	10	12
Automotive vehicles and parts ³	2.4	5.5	12.0	11.7	16.2	18.6	24.2	25.5	27.1		9	14	11
Consumer goods (nonfood) ⁴	4.2	7.4	14.4	13.2	17.2	21.8	28.9	30.6	34.4		16	19	14

¹ Preliminary. ² Includes other end use items, not shown separately. ³ Includes engines. ⁴ Excludes automotive.
 Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1981.

**NO. 1513. DOMESTIC EXPORTS AND IMPORTS OF LEADING COMMODITIES—VALUE, BY AREAS:
1979 AND 1980**

(In millions of dollars, except percent. Includes nonmonetary gold. F.a.s. (free alongside ship) transaction value basis)

SELECTED COMMODITIES	1979					1980				
	Total ¹	Canada	American Re-publics	Western Europe	Far East	Total ¹	Canada	American Re-publics	Western Europe	Far East
Domestic exports, total	178,578	32,161	25,803	53,183	37,356	216,592	34,102	35,378	66,263	47,799
Agricultural commodities.....	34,745	1,650	3,256	10,195	10,662	41,256	1,852	5,672	12,008	13,528
Nonagricultural commodities.....	143,833	30,512	22,546	42,988	26,695	175,336	32,250	29,707	54,254	34,271
Food and live animals.....	22,245	1,279	2,397	5,233	6,268	27,744	1,451	4,523	6,626	8,247
Meat and meat preparations.....	1,127	85	92	302	451	1,293	77	120	345	455
Grain and cereal preparation.....	14,451	132	1,684	2,489	4,176	18,079	178	3,142	3,059	6,191
Wheat and wheat flour.....	5,491	1	968	510	1,575	6,586	1	1,248	622	2,655
Corn.....	7,022	58	372	1,762	2,070	8,570	92	1,329	2,076	2,483
Beverages and tobacco.....	2,337	29	130	906	641	2,663	89	146	1,133	639
Crude materials, ex. fuels.....	20,755	1,644	1,217	7,932	8,132	23,791	1,826	1,747	9,211	9,615
Soybeans.....	5,708	79	176	2,961	1,592	5,883	105	295	3,262	1,759
Logs and lumber.....	2,798	303	54	477	1,846	2,675	261	91	510	1,668
Metal ores and scrap.....	3,325	388	246	1,464	1,126	4,518	546	318	2,052	1,528
Mineral fuels and related materials.....	5,616	1,536	618	1,758	1,388	7,982	1,843	843	2,886	2,113
Bituminous coal.....	3,328	887	236	1,142	974	4,523	805	285	1,894	1,398
Chemicals and related products.....	17,306	1,994	3,814	5,596	3,981	20,740	2,134	4,846	6,429	5,133
Manufactured goods.....	16,236	3,651	2,980	4,520	2,490	22,255	3,773	4,422	6,851	3,783
Textile yarn, fabric, articles.....	3,189	610	524	1,177	318	3,632	621	634	1,218	421
Iron and steel.....	2,342	590	670	281	435	3,123	537	1,165	517	399
Machinery.....	44,741	8,536	8,250	12,701	7,422	55,790	9,531	10,585	16,500	9,744
Power generating.....	6,840	1,797	1,142	1,747	852	8,428	1,855	1,462	2,207	1,319
Agricultural ²	2,636	1,120	511	354	156	3,104	1,154	703	369	176
General industrial.....	8,562	1,800	1,759	1,748	1,136	10,415	1,985	2,263	2,275	1,427
Office machinery and computers.....	6,475	826	813	3,681	828	8,709	1,011	798	5,007	1,225
Telecommunications.....	2,957	338	717	828	496	3,454	383	931	993	616
Electrical ³	8,635	1,265	1,404	2,373	2,550	10,485	1,372	1,748	3,035	3,185
Transport equipment.....	25,750	9,544	3,374	4,632	3,360	28,839	8,463	4,559	6,215	4,355
Automobile, motor vehicles ⁴	15,077	8,699	2,145	1,436	693	14,590	7,601	2,697	1,442	610
Aircraft and parts.....	9,719	697	945	3,021	2,567	12,816	707	1,302	4,563	3,585
Professional, scientific, and controlling instruments.....	4,289	529	513	1,750	852	5,256	722	624	2,192	945
General imports, total	206,327	36,099	24,782	41,684	51,752	240,834	41,455	29,851	46,418	61,568
Agricultural commodities.....	16,881	961	6,955	2,681	2,647	17,425	1,071	7,125	2,826	2,624
Nonagricultural commodities.....	189,446	37,139	17,827	39,002	49,105	223,409	40,385	22,726	43,591	58,944
Food and live animals.....	15,171	1,333	7,320	1,533	1,555	15,763	1,393	7,437	1,553	1,769
Meat and meat preparations.....	2,539	169	522	218	11	2,346	239	431	198	9
Fish, incl. shellfish.....	2,639	595	792	390	567	2,612	561	788	369	551
Vegetables and fruit.....	2,062	71	1,208	228	412	2,047	81	1,162	228	456
Coffee.....	3,820	(2)	2,811	8	283	3,872	-	2,872	70	305
Beverages and tobacco.....	2,568	342	195	1,876	51	2,772	388	227	1,977	63
Crude materials, ex. fuels.....	10,651	5,867	1,015	634	1,343	10,496	5,239	1,103	683	1,348
Wood and paper base stocks.....	4,460	4,237	70	20	95	3,907	3,705	93	21	53
Metal ores and scrap.....	3,247	1,116	589	140	137	3,686	1,044	630	206	208
Mineral fuels and related materials.....	60,061	5,589	8,832	3,325	3,660	79,058	7,114	12,821	4,560	5,825
Crude petroleum.....	46,100	1,888	5,852	2,113	2,910	62,014	2,207	8,487	3,987	4,650
Petroleum products.....	9,946	592	2,969	957	631	11,757	683	3,686	547	892
Natural gas.....	3,579	3,053	110	8	38	5,155	4,164	641	21	51
Chemicals and related products.....	7,485	2,362	405	3,448	824	8,583	2,484	536	3,953	966
Manufactured goods.....	30,065	7,197	2,381	8,074	9,062	32,190	8,176	2,433	7,833	10,108
Paper, paperboard.....	3,150	2,779	42	266	47	3,350	3,041	26	233	45
Iron and steel.....	7,466	968	354	2,586	3,062	7,364	1,030	366	2,172	3,291
Nonferrous metals.....	6,320	1,654	1,015	1,376	895	7,623	2,454	1,128	1,298	1,222
Machinery.....	28,045	3,948	2,118	8,775	12,914	31,904	4,014	2,291	10,225	15,035
Power generating.....	3,472	1,037	274	1,543	601	3,833	906	218	2,068	617
General industrial.....	3,570	639	87	1,723	1,072	3,940	645	96	1,930	1,214
Telecommunications.....	6,175	291	717	328	4821	6,715	314	772	323	5,289
Electrical ³	6,588	514	842	1,301	3,669	8,064	592	976	1,515	4,897
Transport equipment.....	25,634	8,625	357	6,582	9,904	28,642	8,291	375	7,412	12,321
Automobiles, buses, trucks.....	16,870	5,313	(2)	4,480	7,073	19,163	5,349	(2)	4,655	9,154
New passenger cars.....	14,813	3,705	(2)	4,437	6,671	16,776	3,801	(2)	4,608	8,367
Motor vehicle parts.....	5,205	2,521	273	861	1,524	4,971	2,078	291	1,021	1,551
Clothing.....	5,876	53	566	571	4,584	6,427	51	570	453	5,188
Footwear.....	2,659	33	309	1,323	1,120	2,808	24	310	935	1,454

- Represents zero. Z Less than \$500,000. ¹ Includes countries and regions not shown separately. ² Agricultural machinery and parts and tractors, excluding tractor parts. ³ Electrical machinery, apparatus, appliances, and parts. ⁴ Includes motor vehicle and tractor parts, except tires, engines, and electrical parts.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, December issues.

NO. 1514. EXPORTS AND IMPORTS OF MERCHANDISE, BY CONTINENTS, AREAS, AND COUNTRIES: 1965 TO 1980

[In millions of dollars, except percent. Beginning 1970, includes silver ore and bullion. See *Historical Statistics, Colonial Times to 1970*, series U 317-352, for selected countries.]

CONTINENT, AREA, AND COUNTRY	EXPORTS, DOMESTIC AND FOREIGN ¹										GENERAL IMPORTS ²						
	1965	1970	1975	1976	1977	1978	1979	1980	1985	1970	1975	1976	1977	1978	1979	1980	
Total ³	27,478	43,224	107,592	114,992	121,212	143,653	181,816	220,705	21,366	39,952	96,902	120,678	147,671	171,978	206,256	240,834	
Developed countries ⁴	18,315	29,877	64,780	70,595	74,891	85,585	110,579	130,848	14,057	29,259	56,700	66,996	78,620	98,909	111,463	125,104	
Percent of total	66.7	69.1	60.2	61.4	61.7	59.6	61.0	59.3	65.8	73.2	58.5	55.5	53.2	57.5	54.0	51.9	
Developing countries ⁵	9,023	12,993	39,215	40,364	43,307	52,895	62,982	81,125	7,145	10,442	39,311	52,688	67,703	71,230	92,323	113,296	
Percent of total	32.8	29.9	36.4	35.3	35.7	36.6	34.9	36.8	33.0	26.5	41.4	44.1	46.8	39.6	45.6	48.1	
Communist areas, total	140	354	3,092	3,640	2,716	4,503	7,408	7,616	142	227	881	1,059	1,336	1,831	2,463	2,489	
Percent of total	0.5	0.8	2.9	3.2	2.3	3.1	4.1	3.5	0.7	0.6	0.9	0.9	0.9	1.1	1.0	1.0	
Africa.....	1,229	1,580	4,949	5,206	5,546	5,887	6,299	9,060	878	1,113	8,299	12,644	17,024	16,898	22,432	32,251	
Percent of total	4.5	3.6	4.6	4.5	4.6	4.1	3.5	4.1	4.1	2.8	8.5	11.1	14.0	9.4	10.9	13.4	
Asia.....	6,012	10,027	28,223	29,729	31,436	39,630	48,771	60,168	4,528	9,621	27,252	39,367	47,312	58,264	66,739	78,848	
Percent of total	21.9	23.2	26.3	26.0	25.9	27.4	27.0	27.3	21.2	24.1	28.2	33.1	31.6	33.4	32.3	33.9	
Oceania.....	956	1,189	2,340	2,690	2,877	3,464	4,319	4,876	453	871	1,508	1,771	1,728	2,350	3,072	3,392	
Percent of total	3.5	2.7	2.2	2.4	2.4	2.4	2.4	2.2	2.1	2.2	1.6	1.5	1.2	1.3	1.2	1.4	
Europe.....	9,364	14,817	32,732	32,479	37,304	39,929	54,342	67,511	6,292	11,395	21,623	23,640	29,802	36,483	41,681	46,416	
Percent of total	33.9	34.3	30.1	28.3	30.8	27.8	30.0	30.6	29.4	28.5	22.4	20.2	23.6	20.6	20.2	19.3	
North America.....	7,742	12,367	30,040	32,479	34,407	39,400	47,983	56,436	6,579	13,970	30,976	35,594	40,967	46,173	55,337	64,127	
Percent of total	28.1	28.6	27.8	28.3	28.4	27.4	26.8	25.6	30.8	34.9	32.1	29.7	28.4	26.7	27.2	26.7	
South America.....	2,175	3,244	8,803	8,595	9,272	10,980	13,572	17,377	2,624	2,958	7,232	7,761	9,343	10,308	13,172	14,362	
Percent of total	7.9	7.5	8.2	7.5	7.6	7.6	7.5	7.9	12.4	7.5	7.4	6.4	7.6	6.0	6.3	6.3	
Western Hemisphere	9,917	15,612	38,843	41,074	43,751	50,394	61,555	74,113	9,203	16,928	38,209	43,356	50,697	56,473	68,509	78,489	
Canada.....	5,643	9,079	21,744	24,106	25,768	28,374	33,096	35,395	4,832	11,092	22,151	26,237	29,599	33,525	38,046	41,455	
Percent of total	20.9	21.7	20.2	21.0	21.2	20.4	18.8	16.0	22.5	27.8	22.8	22.2	24.4	19.0	18.4	17.2	
20 Latin American countries	3,788	5,695	15,655	15,487	16,371	20,185	28,096	36,030	3,675	4,779	11,847	13,228	16,450	18,556	24,767	29,851	
Percent of total	13.8	13.2	14.5	13.5	13.6	14.0	15.5	15.7	17.1	12.1	12.5	11.6	13.6	10.7	11.5	12.8	
Other Western Hemisphere	487	837	1,444	1,481	1,592	1,835	2,200	2,688	696	1,057	4,210	3,891	4,648	4,392	5,696	7,183	
Percent of total	1.8	1.9	1.3	1.3	1.3	1.3	1.2	1.3	3.2	2.6	4.3	3.3	3.2	2.5	2.8	3.0	
Central American Common Market	341	425	968	1,153	1,478	1,571	1,655	1,951	279	416	810	1,208	1,681	1,478	1,895	1,948	
Costa Rica.....	61	95	212	255	323	335	413	498	57	117	179	233	285	233	389	356	
El Salvador.....	61	64	194	232	314	366	351	272	48	48	182	267	450	293	443	427	
Guatemala.....	96	100	255	334	377	398	467	552	67	87	173	293	405	342	413	435	
Honduras.....	54	89	151	162	240	288	324	379	72	103	145	216	358	339	415	419	
Nicaragua.....	69	77	156	169	223	184	200	250	36	61	131	181	183	211	234	211	
Latin American Free Trade Association.....	3,224	4,895	13,773	13,395	13,920	17,499	23,223	32,274	3,205	4,071	10,100	11,208	13,906	16,195	21,793	26,535	
Argentina.....	268	411	628	644	751	842	1,390	2,652	122	172	215	308	392	563	587	741	
Bolivia.....	42	46	138	153	214	208	146	172	31	25	89	114	157	169	222	182	
Brazil.....	346	840	3,055	2,809	2,490	2,881	3,442	4,343	512	670	1,467	1,737	2,241	2,826	3,118	3,715	
Chile.....	237	300	533	508	520	585	725	1,353	209	157	136	222	273	385	440	515	
Colombia.....	198	395	643	703	762	1,046	1,408	1,736	277	268	596	665	819	1,044	1,209	1,240	
Ecuador.....	80	127	410	415	565	609	696	864	106	109	463	539	621	741	816	862	
Mexico.....	1,106	1,704	5,141	4,990	4,822	6,680	9,847	15,145	638	1,219	3,066	3,598	4,694	6,094	8,800	12,519	
Paraguay.....	282	214	896	573	500	501	720	1,171	13	11	19	20	24	51	164	81	
Peru.....	20	41	51	54	74	90	127	183	36	19	24	62	87	123	90	97	
Uruguay.....	626	759	2,243	2,628	3,172	3,728	3,933	4,573	1,018	1,082	3,625	3,574	4,084	3,545	5,166	5,297	
Venezuela.....	222	385	914	940	973	1,116	1,380	1,805	191	292	937	812	964	883	1,078	1,367	
Other Latin America	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	
Cuba.....	76	143	453	432	424	473	610	795	111	184	634	523	637	537	665	786	
Dominican Republic.....	21	34	144	150	203	204	243	311	32	32	107	148	168	193	222	252	
Haiti.....	125	208	317	358	346	438	527	699	60	76	196	142	159	153	191	329	

Other Western Hemisphere																									
487	837	1,444	1,481	1,592	1,835	2,200	2,688	696	1,057	4,210	3,891	4,548	4,392	5,696	7,163										
Bahamas	107	173	208	224	284	334	396	24	62	880	670	1,058	977	1,587	1,382										
Barbados	9	22	36	39	49	120	136	5	9	34	30	32	39	57	96										
Belize	8	11	26	31	41	67	136	7	7	34	13	20	29	30	60										
Bermuda	44	92	53	73	84	121	136	1	9	3	4	5	14	10	13										
French West Indies	(2)	11	26	32	47	59	67	4	9	7	5	4	4	6	6										
Greenland	(2)	1	8	3	7	1	3	4	2	7	8	17	20	20	14										
Guyana	20	25	89	62	54	74	96	21	43	87	62	54	61	85	120										
Jamaica	87	218	381	285	289	292	305	125	187	307	312	345	395	375	393										
Leeward and Windward Islands	13	32	41	38	65	98	152	2	6	15	19	9	25	32	34										
Netherlands Antilles	75	126	228	304	377	412	448	319	418	1,559	1,174	1,292	1,262	1,830	2,564										
Suriname	36	35	79	93	119	114	136	33	56	108	87	119	137	105	109										
Trinidad and Tobago	75	84	256	309	330	462	680	142	232	1,171	1,500	1,677	1,425	1,559	2,378										
Other	1	4	3	27	30	46	75	5	8	4	8	16	13	19	24										
Western Europe	9,224	14,463	29,945	32,395	34,760	39,929	67,511	6,155	11,169	20,892	22,789	27,669	36,483	41,681	46,416										
OECD ^a	9,066	14,279	29,575	32,048	34,346	39,405	66,654	6,091	11,070	20,627	22,398	27,310	36,072	41,272	45,952										
European Economic Com. ¹	7,145	11,298	22,865	25,409	27,092	32,048	53,679	4,932	9,222	16,733	17,844	22,209	29,006	33,293	35,958										
Belgium and Luxembourg	650	1,195	2,417	2,993	3,136	3,653	6,661	494	696	1,199	1,119	1,453	1,762	1,741	1,914										
Denmark ¹	209	227	445	444	532	585	863	147	284	464	560	583	694	707	725										
France	971	1,483	3,031	3,446	3,503	4,186	5,587	615	942	2,164	2,509	3,032	4,051	4,768	5,247										
Germany, Fed. Rep. of	1,650	2,741	5,184	5,731	5,989	6,957	10,960	1,341	3,127	5,410	5,592	7,238	9,962	10,955	11,691										
Ireland ¹	69	112	190	280	378	527	695	58	135	178	201	236	320	323	411										
Italy	891	1,353	2,867	3,071	2,790	4,362	5,511	620	1,316	2,457	2,530	3,037	4,102	4,917	4,313										
Netherlands	1,088	1,651	4,193	4,643	5,683	6,917	8,669	251	528	1,089	1,080	1,488	1,902	1,853	1,910										
Trieste, Free Territory of	2	(X)	(X)	(X)	(X)	(X)	(X)	1	(X)	(X)	(X)	(X)	(X)	(X)	(X)										
United Kingdom ¹	1,615	2,536	4,527	4,801	5,951	7,116	10,635	1,405	2,194	3,773	4,254	5,141	6,514	8,028	9,755										
Other OECD ^a	1,921	2,981	6,710	6,639	7,254	7,357	10,922	1,759	1,848	3,894	4,553	5,102	7,066	7,980	9,984										
Austria ^a	58	74	181	197	245	312	405	66	120	143	237	281	407	379	398										
Finland ^a	76	99	261	243	195	337	547	84	114	149	189	280	369	449	439										
Greece	172	203	450	591	539	669	811	922	44	52	110	146	174	183	292										
Iceland	18	13	32	35	38	39	48	20	47	85	124	159	174	226	200										
Norway	140	196	510	541	558	687	843	124	142	403	651	766	1,190	1,267	2,632										
Portugal	75	128	427	400	551	595	911	56	92	157	128	146	180	243	256										
Spain	472	712	2,164	2,020	1,875	2,066	3,179	133	353	836	914	971	1,257	1,390	1,206										
Sweden ^a	336	543	1,925	1,029	1,081	1,515	1,767	243	399	887	918	993	1,328	1,652	1,617										
Switzerland ^a	369	700	1,153	1,173	1,749	3,680	3,781	308	458	879	1,025	1,180	1,820	2,076	2,767										
Turkey	205	315	608	451	424	358	540	83	70	155	292	148	175	209	175										
Other Western Europe	158	183	369	348	414	524	828	65	99	245	392	359	411	401	464										
Yugoslavia	149	168	328	298	357	756	756	61	96	261	385	347	395	399	446										
Other Special Category ^a	9	15	41	51	57	72	102	3	3	4	6	12	16	20	18										

See footnotes at end of table.

NO. 1514. EXPORTS AND IMPORTS OF MERCHANDISE, BY CONTINENTS, AREAS, AND COUNTRIES: 1965 TO 1980—Continued

[In millions of dollars, except percent. See headnote, p. 846]

CONTINENT, AREA, AND COUNTRY	EXPORTS, DOMESTIC AND FOREIGN ¹										GENERAL IMPORTS ²					
	1965	1970	1975	1976	1977	1978	1979	1980	1965	1970	1975	1976	1977	1978	1979	1980
Communist areas in Europe.....	140	354	2,787	3,504	2,544	3,679	5,684	3,860	137	226	731	856	1,132	1,502	1,866	1,433
Bulgaria.....	4	15	30	43	24	48	56	161	2	2	20	27	18	19	35	25
Czechoslovakia.....	28	23	53	149	75	106	281	185	17	24	31	37	37	58	58	64
German Dem. Rep.....	12	33	17	65	36	170	356	479	7	9	11	14	17	35	36	44
Hungary.....	9	28	76	63	81	98	78	80	2	6	35	48	46	68	110	107
Poland.....	35	70	583	623	439	680	793	714	66	98	243	310	324	434	423	415
Romania.....	6	66	191	250	260	319	501	722	2	13	133	197	232	345	328	311
Soviet Union.....	45	119	1,635	2,310	1,628	2,252	3,607	1,513	43	72	255	220	453	539	874	453
Other.....	(2)	(2)	2	1	1	5	12	6	(2)	(2)	3	3	5	(2)	9	12
Asia.....	6,012	10,027	28,223	29,729	31,436	39,630	48,771	60,168	4,528	9,621	27,252	39,367	49,312	58,264	66,739	78,848
Japan.....	2,080	4,852	9,563	10,145	10,529	12,885	17,581	20,790	2,414	5,875	11,425	15,504	18,550	24,458	26,248	30,701
Communist areas.....	(2)	(2)	305	136	176	824	1,725	3,756	4	1	160	203	204	329	597	1,056
Other Asia.....	3,932	5,375	18,356	19,448	20,736	25,921	29,466	35,622	2,110	3,745	15,667	23,660	30,558	33,478	39,894	47,091
Near East Asia.....	831	1,346	8,263	9,234	10,038	12,412	11,030	11,900	376	348	5,401	9,011	12,849	11,813	14,989	17,280
Bahrain.....	10	12	80	280	203	157	159	197	2	8	100	30	75	29	11	15
Iran.....	195	326	3,244	2,772	2,731	3,685	1,021	23	88	67	1,398	1,480	2,802	2,677	2,784	339
Iraq.....	49	22	310	382	211	317	442	724	20	3	19	110	381	243	618	352
Israel.....	224	592	1,551	1,409	1,447	1,925	1,855	2,045	62	150	314	423	572	720	750	943
Jordan.....	27	63	195	234	302	235	334	407	(2)	(2)	1	(2)	3	1	4	2
Kuwait.....	66	62	366	472	548	745	765	886	47	25	111	38	215	50	87	472
Lebanon.....	75	64	368	49	124	142	227	303	6	13	33	5	42	15	15	33
Saudi Arabia.....	137	141	1,502	2,774	3,575	4,370	4,875	5,768	106	20	2,623	5,213	6,347	5,307	7,993	12,509
Sri Lanka.....	13	11	128	273	134	143	229	239	2	7	7	10	16	37	165	26
Other.....	35	52	508	590	762	693	1,123	1,308	41	61	796	1,702	2,395	2,535	2,573	2,589
East and South Asia.....	3,100	4,030	10,095	10,213	10,697	13,509	18,436	23,722	1,735	3,397	10,267	14,649	17,710	21,665	24,905	29,811
Afghanistan ¹⁰	14	10	19	13	13	17	66	11	12	4	8	12	15	12	12	6
Burma ¹⁰	14	11	10	13	13	29	32	29	1	1	2	2	1	4	12	9
China: Taiwan.....	234	527	1,659	1,635	1,798	2,342	3,272	4,337	93	549	1,946	2,989	3,671	5,170	5,902	6,850
Hong Kong.....	191	406	808	1,117	1,292	1,625	2,063	2,686	343	944	1,573	2,413	2,894	3,474	3,895	4,736
India ¹⁰	928	572	1,290	1,136	779	948	1,157	1,689	348	298	549	708	776	979	1,038	1,098
Indonesia.....	42	266	810	1,035	763	751	981	1,545	165	182	2,222	3,004	3,475	3,607	3,621	5,182
Kampuchea.....	2	2	66	(2)	(2)	(2)	(2)	26	2	1	1	(2)	(2)	(2)	(2)	(2)
Korea, Republic of.....	274	643	1,762	2,015	2,371	3,160	4,190	4,695	54	370	1,442	2,404	2,883	3,746	4,047	4,147
Laos ¹⁰	9	8	4	(2)	(2)	(2)	1	1	(2)	(2)	1	1	1	1	2	1
Malaysia.....	91	62	363	536	561	728	932	1,337	212	270	772	940	1,318	1,519	2,146	2,577
Pakistan ¹⁰	336	325	372	394	293	496	529	642	45	80	49	70	56	84	120	128

	349	373	832	818	876	1,041	1,570	1,999	369	472	756	883	1,110	1,207	1,490	1,730
Philippines.....	(X)	240	994	965	1,172	1,462	2,330	3,033	(X)	81	534	695	863	1,068	1,467	1,920
Singapore.....	10	12	38	37	53	63	57	82	33	26	40	43	67	61	100	127
Si Lanka ¹⁰	107	150	357	347	510	629	961	1,263	41	100	217	276	346	439	600	816
Thailand ¹⁰	501	416	681	151	205	217	265	378	14	17	154	207	285	295	353	484
Other and Special Category ²	956	1,189	2,340	2,690	2,877	3,464	4,319	4,876	453	871	1,508	1,671	1,728	2,350	3,072	3,392
Oceania.....																
Australia.....	797	986	1,815	2,185	2,356	2,912	3,617	4,093	311	611	1,147	1,211	1,185	1,659	2,164	2,509
New Zealand and W. Samoa.....	133	135	411	417	405	409	533	599	130	222	245	330	357	528	707	702
Other.....	25	68	114	88	116	143	169	184	12	38	116	130	186	166	201	181
Africa.....	1,229	1,590	4,949	5,206	5,546	5,887	6,299	9,060	878	1,113	8,299	12,644	17,121	16,898	24,382	32,251
Algeria.....	21	62	632	487	527	374	404	542	8	10	1,359	2,209	3,104	3,482	4,943	6,577
Angola.....	13	38	53	35	38	32	92	111	48	68	425	264	227	227	325	527
Cameroon.....	7	19	30	40	54	52	61	93	13	25	18	24	38	77	203	605
Central African Republic.....	1	1	1	1	1	1	1	1	10	6	5	2	4	7	5	9
Egypt.....	158	77	683	810	962	1,134	1,433	1,874	16	23	28	93	170	105	381	458
Ethiopia.....	22	26	70	78	58	24	103	72	64	67	49	94	94	96	109	87
Gabon.....	5	7	59	46	30	97	32	48	11	9	197	190	229	184	322	278
Ghana.....	36	59	100	133	146	126	91	127	59	91	151	155	214	215	225	206
Ivory Coast.....	11	36	78	64	89	93	126	185	46	92	157	249	300	415	563	288
Kenya.....	24	34	49	43	77	138	61	141	13	22	36	60	102	131	130	34
Liberia.....	39	46	90	85	91	108	107	113	51	51	96	99	126	126	136	136
Libya.....	65	108	232	277	314	425	468	509	30	39	1,045	2,243	3,817	3,779	5,256	7,124
Malagasy Republic.....	4	7	7	6	7	9	6	7	2	2	46	60	76	106	69	91
Mauritania.....	4	4	14	19	9	8	8	20	2	1	(2)	(2)	(2)	(2)	(2)	(2)
Morocco.....	56	89	200	297	372	406	271	344	6	10	10	17	22	44	40	35
Mozambique.....	9	22	18	13	13	20	30	69	7	18	36	41	66	39	50	105
Nigeria.....	74	129	536	770	958	985	632	1,150	80	71	3,281	4,938	6,132	4,709	8,161	10,905
South Africa, Republic of.....	438	563	1,302	1,348	1,054	1,080	1,413	2,163	290	290	940	955	1,261	2,239	2,616	3,320
Sudan.....	15	7	103	106	87	157	103	142	7	24	6	47	80	14	16	32
Tanzania.....	7	12	66	38	39	48	36	142	11	24	26	43	81	8	22	32
Togo.....	44	49	90	82	111	83	175	175	2	24	26	56	11	21	95	60
Uganda.....	2	4	15	6	14	(2)	1	12	43	48	61	107	246	82	82	126
Zaire.....	71	62	188	99	114	83	113	155	38	41	67	193	173	225	286	361
Zambia.....	(X)	31	86	48	49	44	68	98	(X)	2	(2)	161	102	116	121	200
Other.....	103	89	251	277	312	359	405	549	77	59	331	396	519	430	482	658

- Represents zero. X Not applicable.

reflect relaxation of security restrictions as authorized July 17, 1969.

could not be identified because of illegible reporting on import entries.

New Zealand, and South Africa; developing countries include rest of the world excluding Communist areas in Europe and Asia.

Assignment of countries generally follows that made by United Nations. (See table 1544.)

As of January 1, 1973, United Kingdom, Denmark, and Ireland became members of EEC. For consistency, data for all years are shown on same basis.

Includes Special Category exports, if any.

Excludes Special Category exports, if any.

For 1965, reflects declassification of Special Category commodities as authorized January 5, 1968; area and country totals

includes estimates for low-valued shipments from countries which

Developed countries include Canada, Western Europe, Japan, Australia,

and other countries generally follows that made by United Nations. (See

table 1544.)

As of January 1, 1973, United Kingdom, Denmark, and Ireland became members of EEC. For consistency, data for all

years are shown on same basis.

Includes Special Category exports, if any.

Excludes Special Category exports, if any.

Source: U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States: Highlights of U.S. Export and Import Trade*, FY 990, monthly, and unpublished data.

NO. 1515. PERCENT DISTRIBUTION OF DOMESTIC EXPORTS AND GENERAL IMPORTS, BY BROAD COMMODITY GROUPS: 1960 TO 1980

COMMODITY GROUP	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Exports:											
Food and live animals.....	13.2	14.7	10.2	17.0	14.4	14.6	13.9	11.9	13.0	12.5	12.8
Beverages and tobacco.....	2.4	1.9	1.8	1.4	1.3	1.2	1.3	1.6	1.6	1.3	1.2
Crude materials, inedible ¹	13.7	10.5	10.8	11.9	11.3	9.2	9.6	11.0	11.0	11.6	11.0
Mineral fuels and related materials.....	4.1	3.5	3.7	2.4	3.5	4.2	3.7	3.5	2.8	3.1	3.7
Chemicals.....	8.7	8.8	9.0	8.2	9.1	8.2	8.8	9.1	8.9	9.7	9.6
Machinery and transport equipment.....	34.3	37.3	42.0	39.7	39.3	43.0	43.7	42.2	42.0	39.5	39.1
Other manufactured goods.....	18.7	18.0	17.9	15.8	17.0	15.6	15.7	16.0	16.1	16.2	17.8
General imports:											
Food and live animals.....	19.9	18.1	13.5	11.5	9.4	8.8	8.5	8.5	7.9	7.4	6.5
Beverages and tobacco.....	2.6	2.6	2.1	1.8	1.3	1.5	1.3	1.1	1.3	1.2	1.2
Crude materials, inedible ¹	18.3	14.5	8.3	7.2	6.0	5.8	5.8	5.7	5.4	5.2	4.4
Mineral fuels and related materials.....	10.5	10.4	7.7	11.8	25.4	27.5	28.2	30.2	24.5	29.1	32.8
Chemicals.....	5.3	3.6	3.6	3.5	4.0	3.8	4.0	3.4	3.7	3.6	3.6
Machinery and transport equipment.....	9.7	13.8	28.0	30.3	24.0	24.4	24.7	24.7	27.7	28.0	25.1
Other manufactured goods.....	30.3	35.1	33.3	30.9	27.1	24.9	25.0	23.8	26.9	24.8	23.2

¹ Excludes fuels.

Source: U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports*, *U.S. Foreign Trade*, annual. Also in U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly.

NO. 1516. DOMESTIC EXPORTS, BY SELECTED COMMODITY GROUPS: 1965 TO 1980

[in millions of dollars. Totals and subtotals include data for commodities not shown separately. Beginning 1974, exports include nonmonetary gold. Commodity data beginning 1978 are not strictly comparable with previous years due to changes in export classifications; see source for changes. For 1977, adjustments have been made to the subtotals and to certain commodities to provide greater comparability with later years. "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series U 274-284]

COMMODITY GROUP	1965	1970	1974	1975	1976	1977	1978	1979	1980
U.S. merchandise.....	27,178	42,590	97,234	106,561	113,666	119,005	141,126	178,578	216,592
Food and live animals.....	4,002	4,356	13,986	15,484	15,710	14,116	18,311	22,245	27,744
Meat and preparations.....	162	175	371	528	798	797	958	1,127	1,293
Meat, fresh, chilled, or frozen.....	136	147	336	491	759	750	894	1,057	1,217
Dairy products and eggs.....	191	137	87	134	128	189	190	161	255
Grains and preparations.....	2,637	2,596	10,331	11,642	10,911	8,755	11,634	14,450	18,079
Wheat and wheat flour.....	1,184	1,112	4,589	5,293	4,040	2,883	4,532	5,491	6,586
Rice.....	244	314	852	858	629	730	929	850	1,285
Coarse grains.....	1,135	1,072	4,673	5,272	6,023	4,913	5,920	7,804	9,701
Corn.....	833	824	3,772	4,448	5,223	4,139	5,301	7,022	8,570
Grain sorghums.....	209	196	689	698	642	604	531	686	1,080
Fruits and nuts.....	339	406	757	871	976	1,080	1,335	1,525	1,938
Fruit, fresh.....	145	164	326	404	434	458	530	624	716
Vegetables.....	148	178	391	406	559	517	554	605	992
Feed for animals.....	278	497	1,287	987	1,358	1,572	1,921	2,317	2,878
Beverages and tobacco.....	517	702	1,247	1,308	1,524	1,847	2,293	2,337	2,663
Tobacco and manufactures.....	506	679	1,193	1,253	1,457	1,732	2,125	2,148	2,426
Leaf tobacco.....	378	481	832	852	922	1,094	1,358	1,184	1,334
Cigarettes.....	105	159	301	368	510	615	749	909	1,055
Crude materials, inedible, exc. fuels.....	2,655	4,605	10,934	9,784	10,891	13,086	15,555	20,755	23,791
Hides and skins, except fur skins.....	109	145	339	295	522	578	695	992	694
Soybeans.....	650	1,216	3,537	2,665	3,315	4,393	5,210	5,708	5,883
Synthetic rubber.....	161	176	290	261	329	327	369	578	695
Wood in the rough ¹	124	366	744	751	945	1,178	1,376	1,782	2,002
Wood shaped or simply worked.....	119	193	468	413	563	551	618	1,015	1,050
Lumber, softwood.....	94	162	399	342	471	444	452	778	778
Woodpulp.....	190	464	820	875	844	875	817	1,104	1,652
Textile fibers and wastes.....	517	543	1,782	1,345	1,426	1,899	2,302	3,046	3,929
Raw cotton, excluding linters.....	486	372	1,335	991	1,049	1,630	1,740	2,198	2,864
Ores and metal scrap.....	435	940	1,475	1,355	1,284	1,290	1,839	3,325	4,518
Iron and steel scrap.....	197	447	849	780	634	413	698	1,142	1,226
Ores and scrap, nonferrous base.....	154	397	522	461	499	600	893	1,920	1,223
Mineral fuels and related materials.....	947	1,595	3,444	4,470	4,226	4,184	3,881	5,616	7,982
Coal.....	477	962	2,437	3,259	2,910	2,655	2,046	3,328	4,621
Petroleum and products.....	418	488	792	908	998	1,280	1,584	1,914	2,833
Lubricating oils.....	185	175	288	275	292	305	467	639	733
Animal and vegetable oils and fats.....	472	493	1,423	944	978	1,309	1,521	1,845	1,946
Tallow, inedible.....	179	176	483	299	377	504	516	655	677
Soybean oil.....	162	192	519	266	238	440	560	776	689

See footnotes at end of table.

NO. 1516. DOMESTIC EXPORTS, BY SELECTED COMMODITY GROUPS: 1965 TO 1980—Continued

[In millions of dollars. See headnote, p. 850. See also *Historical Statistics, Colonial Times to 1970*, series U 274-294]

COMMODITY GROUP	1965	1970	1974	1975	1976	1977	1978	1979	1980
Chemicals.....	2,403	3,826	8,819	8,691	9,959	10,812	12,623	17,306	20,740
Chemical elements and compounds.....	970	1,542	3,613	3,623	4,408	4,811	5,297	7,704	2,106
Dyeing, tanning, coloring materials.....	93	137	304	244	310	352	386	450	490
Medicinal, pharmaceutical products.....	256	420	800	866	997	1,081	1,404	1,691	1,932
Fertilizers, manufactured.....	153	178	815	1,083	613	704	1,091	1,404	327
Plastic materials and resins ²	425	653	1,618	1,166	1,672	1,838	2,088	3,241	3,884
Machinery and transport equipment.....	10,139	17,882	38,189	45,688	49,501	50,248	59,268	70,491	84,628
Machinery ³	6,935	11,885	24,318	29,215	32,113	32,638	38,105	45,914	57,263
Power generating machinery.....	841	1,405	2,882	3,551	3,662	3,619	4,797	6,839	8,428
Agricultural machinery.....	219	182	544	704	707	717	844	1,088	1,295
Tractors and parts.....	646	750	1,484	2,126	2,223	2,064	2,316	2,720	2,150
Electronic computers, parts and accessories.....	256	1,236	2,198	2,228	2,588	3,264	4,359	5,671	7,763
Other office machines ⁴	215	311	501	411	349	621	647	804	946
Metalworking machinery.....	332	396	639	922	953	730	1,188	1,391	1,756
Metalcutting machines.....	159	213	264	344	290	258	338	350	397
Textile, leather machinery.....	207	273	528	486	457	423	485	628	693
Construction, excavating, and maintenance equipment.....	324	434	868	1,277	1,381	1,352	1,318	1,234	2,076
Materials handling equipment.....	397	607	1,230	1,846	1,859	1,684	1,457	1,744	2,243
Air-conditioning and refrigerating equipment.....	210	397	858	928	1,055	1,245	1,562	1,468	1,523
Pumping equipment, incl. parts.....	143	241	433	543	606	630	729	893	1,091
Pipe valves and parts.....	111	196	335	458	518	548	610	657	829
Power machinery, switchgear.....	472	611	1,492	1,709	2,139	2,301	2,690	3,140	3,254
Generators, generating sets.....	149	117	421	548	800	889	569	487	619
Transforming, converting, transmission apparatus.....	120	156	343	417	487	518	609	553	914
Telecommunications apparatus.....	345	660	1,361	1,574	1,997	2,380	2,689	2,857	3,454
Radio, television apparatus.....	304	576	1,157	1,339	1,729	1,827	1,831	2,148	2,238
Domestic electrical equipment.....	116	119	378	359	463	523	610	666	786
Transport equipment ⁵	3,204	6,197	13,871	16,452	17,388	17,619	21,163	24,577	27,366
Railway vehicles.....	138	91	282	462	392	305	305	384	452
Road motor vehicles, parts ⁶	1,744	3,245	7,248	9,280	10,132	10,887	12,150	13,904	13,117
Automobiles, nonmilitary, new.....	393	822	2,303	2,852	3,228	3,568	3,573	4,611	3,919
Trucks and tractor trucks, commercial, new.....	279	452	1,140	1,712	1,509	1,513	1,504	1,583	1,467
Parts, accessories, commercial.....	875	1,803	3,193	3,620	4,213	4,673	5,682	6,147	5,556
Aircraft, parts, and accessories.....	1,130	2,656	5,766	6,136	6,104	5,874	8,204	9,719	12,816
Civilian aircraft.....	478	1,528	3,366	3,169	3,204	2,747	3,616	6,177	8,256
Other manufactured goods.....	4,890	7,636	16,515	16,592	17,781	19,091	22,644	28,879	38,602
Tires and tubes.....	166	186	544	544	491	338	280	353	511
Paper and manufactures.....	389	622	1,522	1,447	1,624	1,517	1,597	1,967	2,831
Paper and paperboard.....	325	526	1,232	1,131	1,291	1,182	1,187	1,430	2,162
Nonmetallic mineral mfrs., n.e.c.....	302	475	994	964	1,166	1,275	1,597	1,949	2,209
Metals and manufactures.....	1,787	2,978	5,725	5,661	5,180	5,149	6,101	7,926	12,071
Iron and steelmill products ⁷	607	1,188	2,500	2,382	1,833	1,608	1,646	2,227	2,998
Plates and sheets.....	184	335	687	327	338	272	402	567	936
Tubes, pipes, and fittings.....	160	226	852	1,412	778	677	798	1,077	1,080
Silver bullion, refined.....	51	31	28	104	33	39	56	238	1,327
Nonferrous base metals.....	539	893	1,301	1,090	1,088	1,058	1,048	1,745	2,964
Copper.....	293	358	415	333	282	196	310	425	434
Aluminum.....	159	358	478	433	469	480	555	899	2,022
Metal manufactures, n.e.c.....	553	744	1,665	1,891	2,089	2,399	3,103	3,431	4,205
Tools for hand or machine.....	141	204	406	480	498	558	603	693	856
Textiles, other than clothing.....	528	603	1,795	1,624	1,971	1,970	2,225	3,189	3,632
Textile yarn and thread.....	131	145	407	288	374	417	370	621	753
Cotton broad-woven fabrics.....	98	103	384	376	499	438	426	626	586
Textile fabrics, woven, exc. cotton.....	135	151	413	386	423	399	472	721	832
Clothing.....	149	198	400	403	510	608	677	931	1,183
Professional, scientific, and controlling instruments ⁸	480	857	1,662	1,792	1,951	3,241	3,904	4,289	5,256
Photographic supplies.....	130	250	548	606	703	813	1,073	1,227	1,507
Printed matter.....	226	327	486	548	607	668	812	956	1,087
Other transactions.....	954	1,496	2,676	3,621	3,097	4,314	5,030	9,103	8,496
Firearms of war and ammunition.....	644	682	852	1,361	1,261	1,617	1,951	1,854	2,006
Shipments of \$500 or less, estimates ⁹	245	692	1,563	1,572	1,190	1,244	1,487	1,796	2,119

¹ Beginning 1977, includes pulp wood chips, formerly classified in "Other manufactured goods" under "Wood and manufactures." ² Beginning 1977, includes rubber materials, formerly classified in "Other manufactured goods" under "Rubber manufactures." ³ Includes parts for tractors. ⁴ Beginning 1978, includes photocopy apparatus, formerly classified in "Other manufactured goods" under "Photographic and motion picture equipment." ⁵ Excludes parts for tractors. ⁶ Excludes pig iron. ⁷ Beginning 1977, electric measuring and controlling instruments are included in "Other manufactured goods" under "Professional, scientific, and controlling instruments"; formerly classified under "Machinery." ⁸ For 1965, data are estimates for shipments of \$100 or less.

Source: U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports, U.S. Foreign Trade*, annual. Also in U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly.

NO. 1517. GENERAL IMPORTS, BY SELECTED COMMODITY GROUPS (F.A.S. TRANSACTION VALUE BASIS): 1965 TO 1980

[In millions of dollars. Prior to 1974, imports are on the customs value basis. Totals and subtotals include commodities not shown separately. "F.A.S." means free alongside ship. "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series U 295-316]

COMMODITY	1965	1970	1974	1975	1976	1977	1978	1979	1980
General imports	21,427	39,952	100,468	96,573	121,009	147,685	171,978	206,326	240,834
<i>Cif values</i> ¹	(NA)	42,429	107,996	103,389	129,565	157,580	183,093	218,927	252,804
Food and live animals	3,460	5,375	9,386	8,503	10,267	12,558	13,522	15,171	15,763
Cattle, except for breeding.....	98	111	108	77	159	186	250	249	228
Meat and preparations.....	426	1,014	1,353	1,141	1,447	1,276	1,858	2,539	2,346
Meat, fresh or frozen.....	231	647	808	640	840	743	1,242	1,896	1,756
Ham, shoulders, and bacon ²	132	241	350	397	434	386	445	595	336
Fish.....	469	794	1,500	1,356	1,855	2,059	2,212	2,639	2,612
Fruits and nuts.....	339	447	627	638	760	957	1,126	1,324	1,245
Bananas.....	162	188	197	220	277	305	350	393	430
Vegetables.....	139	289	388	355	426	593	711	737	802
Sugar.....	443	725	2,247	1,865	1,154	1,076	723	974	1,988
Coffee, green.....	1,058	1,160	1,505	1,561	2,632	3,910	3,728	3,820	3,872
Cocoa or cacao beans.....	120	201	317	321	358	482	667	555	395
Tea.....	67	53	80	88	96	176	115	126	131
Beverages and tobacco	553	855	1,322	1,419	1,624	1,669	2,221	2,566	2,771
Alcoholic beverages.....	426	725	1,029	1,033	1,174	1,287	1,744	2,013	2,220
Tobacco, unmanufactured.....	121	111	254	343	392	322	396	436	422
Crude materials, inedible, except fuels	3,102	3,307	6,066	5,566	7,014	8,486	9,294	10,650	10,496
Hides and skins, except fur skins.....	80	51	78	78	89	97	106	139	88
Fur skins, undressed.....	113	59	79	79	101	122	142	183	212
Rubber, including latex.....	182	231	507	353	513	642	840	1,058	980
Lumber, softwood.....	318	439	1,007	797	1,355	1,972	2,595	2,727	1,984
Lumber, hardwood.....	67	61	134	69	87	124	141	183	145
Woodpulp.....	399	480	1,126	1,032	1,237	1,213	1,126	1,506	1,725
Textile fibers and wastes.....	435	202	225	174	249	222	248	231	242
Wool and other animal hair.....	282	116	74	73	123	117	147	134	146
Industrial diamonds.....	56	39	48	42	46	62	69	116	101
Asbestos, unmanufactured.....	70	75	131	117	149	152	162	144	97
Ores and metal scrap.....	971	1,149	1,855	1,978	2,251	2,742	2,813	3,247	3,696
Iron ore and concentrates.....	444	480	700	864	982	951	845	923	773
Silver ore and base bullion.....	56	49	164	98	75	84	106	166	342
Nonferrous base metals ³	421	522	696	783	895	1,382	1,556	1,672	5,192
Bauxite, crude.....	143	165	183	267	330	426	415	410	432
Mineral fuels and related materials	2,221	3,075	25,454	26,476	33,995	44,537	42,096	60,061	79,058
Petroleum and products.....	2,082	2,764	24,293	24,814	31,794	41,756	39,104	56,046	73,771
Petroleum, crude and partly refined.....	1,215	1,448	16,548	19,293	26,384	33,910	32,134	46,100	62,014
Petroleum products.....	877	1,316	7,748	5,521	5,411	7,845	6,970	9,946	11,757
Natural gas.....	105	258	505	1,081	1,619	1,941	2,000	2,765	5,155
Animal and vegetable oils and fats	116	160	544	554	464	531	511	740	533
Chemicals	768	1,450	4,018	3,696	4,772	4,970	6,430	7,485	8,583
Organic chemicals.....	160	355	1,363	1,027	1,193	1,438	1,735	2,159	2,539
Inorganic chemicals ⁴	158	371	740	835	937	1,171	1,827	2,059	2,312
Medicinal and pharmaceutical products.....	58	87	211	235	269	313	450	441	508
Fertilizers, manufactured.....	112	192	631	626	683	829	869	976	1,104
Machinery and transport equipment	2,948	11,172	24,060	23,457	28,824	36,407	47,590	53,678	60,546
Machinery.....	1,600	5,372	11,809	11,970	15,446	18,837	24,752	28,530	32,286
Engines and parts.....	195	762	1,501	1,615	1,934	2,137	2,866	3,004	1,866
Agricultural machinery.....	158	173	394	474	496	499	489	698	886
Tractors and parts.....	82	175	498	571	554	630	848	1,197	1,049
Office machines.....	136	505	1,007	1,052	1,341	1,568	2,254	2,500	2,929
Metalworking machinery.....	63	164	300	361	362	435	947	1,123	1,425
Textile and leather machinery.....	157	361	606	518	636	639	877	830	889
Power machinery and switchgear.....	67	247	567	550	758	970	1,291	1,708	2,039
Telecommunications apparatus.....	314	1,102	2,281	2,077	3,655	4,954	6,136	6,175	6,713
Electron tubes, transistors, semiconductor devices, and parts.....	63	224	1,033	899	1,223	1,490	1,942	2,719	3,592
Transport equipment.....	1,148	5,798	12,251	11,487	14,378	17,571	22,538	25,148	28,280
Automobiles and parts.....	810	5,068	10,264	9,921	13,104	15,844	20,631	22,053	24,015
Automobiles, new.....	658	3,722	7,296	7,124	8,928	10,633	13,646	14,813	16,776
Motorcycles.....	134	307	914	707	485	641	892	908	1,149
Aircraft and parts.....	140	274	508	519	434	603	602	1,078	1,885
Other manufactured goods	7,528	13,285	27,145	23,927	30,179	35,176	46,296	51,071	55,901
Leather manufactures and dressed furs.....	87	118	188	132	247	236	353	426	393
Rubber tires and tubes.....	45	205	491	475	738	851	923	1,136	1,143
Wood manufactures (excl. furniture).....	270	408	685	573	827	1,032	1,240	1,391	1,133
Paper and manufactures.....	670	1,087	1,852	1,673	2,103	2,402	2,923	3,356	3,587
Newsprint.....	790	930	1,503	1,427	1,742	1,879	2,101	2,322	2,685
Construction materials ⁵	71	106	245	186	203	292	472	638	550
Glass, glassware, and pottery.....	168	338	535	531	653	785	1,047	1,097	1,224
Diamonds, excluding industrial.....	308	433	775	730	1,018	1,452	1,973	1,862	2,252

See footnotes at end of table.

No. 1517. GENERAL IMPORTS, BY SELECTED COMMODITY GROUPS (F.A.S. TRANSACTION VALUE BASIS): 1965 TO 1980—Continued

[In millions of dollars. See headnote, p. 852]

COMMODITY	1965	1970	1974	1975	1976	1977	1978	1979	1980
Other manufactured goods—Con.									
Metals and manufactures	2,874	4,508	11,111	8,944	9,898	12,278	15,714	17,457	18,717
Pig iron and ferroalloys	94	78	394	558	538	528	573	702	678
Iron and steelmill products	1,140	1,952	4,756	4,037	3,809	5,302	6,681	6,764	6,686
Bars, rods, shapes, and pilings	377	486	1,507	930	848	1,126	1,365	1,524	1,417
Plates and sheets	475	906	2,059	1,680	1,795	2,708	3,329	3,071	2,502
Steel wire	79	119	289	225	211	283	341	320	293
Tubes, pipes, and fittings	144	349	736	1,008	792	971	1,376	1,543	2,193
Nonferrous base metals	1,198	1,502	3,038	2,063	2,941	3,380	4,367	4,678	5,182
Copper	425	532	1,189	419	777	855	1,069	984	1,470
Nickel	189	317	483	456	524	532	678	635	885
Aluminum	264	238	386	415	554	766	1,115	1,029	974
Lead	61	74	60	49	64	165	173	398	326
Tin	167	190	295	315	329	458	598	720	776
Silver, refined bullion	7	53	431	274	289	313	325	842	1,329
Platinum group metals	69	98	453	244	271	252	430	800	1,107
Metal manufactures, n.e.c.	367	825	2,039	1,789	2,051	2,503	3,333	3,671	3,731
Textiles, other than clothing	800	1,135	1,615	1,219	1,635	1,736	2,200	2,216	2,493
Textile yarn and thread	66	223	190	128	192	225	246	157	194
Cotton fabrics, woven	134	173	356	219	390	345	427	380	433
Textile fabrics, woven, exc. cotton	423	499	628	433	521	569	719	775	408
Twine and cordage	48	35	185	123	82	76	78	112	114
Floor coverings	45	53	98	88	120	145	200	264	283
Clothing	541	1,269	2,331	2,562	3,634	4,100	5,652	5,676	6,427
Footwear	160	629	1,134	1,275	1,686	1,806	2,585	2,859	2,808
Professional, scientific, photographic, and controlling instruments	178	356	750	726	969	1,292	981	1,159	2,654
Clocks and watches	100	184	389	426	627	722	947	946	1,097
Musical instruments, sound recorders and reproducers, and parts	157	505	943	781	1,216	285	423	469	487
Printed matter	77	160	270	284	322	340	478	529	613
Articles of plastic and rubber, n.e.c.	71	236	425	429	602	606	744	871	916
Toys, games, and sporting goods	155	427	724	693	903	1,156	1,374	1,591	1,836
Artworks and antiques	141	162	948	677	580	720	1,312	1,487	2,672
Other transactions	730	1,274	2,258	2,518	2,538	3,336	4,018	4,905	7,183

NA Not available. ¹ Value on a cost, insurance, and freight basis: cost (to the U.S. importer) of commodities at port of exportation plus insurance and freight to U.S. customs port of entry. 1970 is estimated. ² Canned, cooked, and boned. ³ Prior to 1977, alumina is included under chemicals; thereafter, classified in crude materials. ⁴ Materials of lime, cement, and clay. ⁵ Excludes narrow or special fabrics. ⁶ Beginning 1977, electric measuring and controlling instruments are included in "Other manufactured goods" under "Professional, scientific, photographic, and controlling instruments"; prior to 1977, classified under "Machinery." ⁷ Beginning 1977, sound recorders included in "Machinery."

Source: U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports, U.S. Foreign Trade*, annual. Also in U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly.

No. 1518. IMPORTS—COFFEE, TEA, AND COCOA AND CHOCOLATE: 1960 TO 1980

[All coffee on green coffee basis; exports and reexports include roasted and soluble coffee. See also *Historical Statistics, Colonial Times to 1970*, series P 227 and U 296-299]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Coffee imports	Mil. lb.	2,943	2,844	2,609	2,891	2,546	2,684	2,617	1,959	2,399	2,566	2,401
Value	Mil. dol.	1,003	1,068	1,160	1,570	1,504	1,562	2,633	3,861	3,728	3,819	3,872
Net per capita	Lb.	15.9	15.0	13.7	13.7	12.8	12.4	12.3	9.5	11.0	11.6	10.6
Average price	Cents per lb.	34.4	37.6	44.4	54.4	59.1	58.2	100.6	197.1	155.4	148.8	161.3
Tea, net imports	Mil. lb.	114	130	137	175	178	159	161	203	152	175	185
Value	Mil. dol.	55	57	53	70	79	88	95	175	114	125	130
Cocoa and chocolate:												
Imports	Mil. lb.	677	934	847	799	728	743	816	678	588	501	379
Value	Mil. dol.	172	146	265	295	446	447	572	941	867	774	525

¹ Source: U.S. Dept. of Commerce, Bureau of Industrial Economics. Based on total population including Armed Forces abroad as estimated by Bureau of the Census. ² Includes prepared, except confectionery.

Source: Except as noted, U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States, Quarterly Summary of Foreign Commerce of the United States; U.S. Imports for Consumption and General Imports*, Report FT 246; and unpublished data.

NO. 1519. IMPORTS FOR CONSUMPTION—VALUES AND DUTIES: 1950 TO 1980

[Imports are on customs value basis. Beginning 1965, includes uranium, thorium, and related products; beginning 1970, includes silver ores and bullion. For basis of dollar values and for area coverage, see text, p. 829. See also *Historical Statistics, Colonial Times to 1970*, series U 207-12]

YEAR	VALUES				Duties calculated ¹ (mil. dol.)	RATIO OF DUTIES TO VALUES		Duties per capita ² (dollar)
	Total (mil. dol.)	Free (mil. dol.)	Dutiable (mil. dol.)	Percent free		Total imports (percent)	Dutiable imports (percent)	
1950.....	8,743	4,767	3,976	55	522	6	13	3.38
1955.....	11,337	6,037	5,300	53	633	6	12	3.76
1960.....	14,650	5,780	8,870	39	1,084	7	12	5.92
1965.....	21,283	7,434	13,849	35	1,643	8	12	8.35
1970.....	39,756	13,870	25,886	35	2,584	6	10	12.48
1971.....	45,516	15,286	30,230	34	2,767	6	9	13.36
1972.....	55,290	18,915	36,375	34	3,124	6	9	14.96
1973.....	69,024	28,258	40,766	41	3,620	5	8	17.20
1974.....	100,140	52,052	48,088	52	3,771	4	8	17.80
1975.....	96,516	31,030	65,486	32	3,780	4	6	17.70
1976.....	121,121	37,190	83,931	31	4,875	4	6	21.73
1977.....	147,075	43,633	103,442	30	5,485	4	5	25.30
1978.....	³ 172,812	51,827	121,125	30	7,162	4	6	32.78
1979.....	³ 205,850	103,278	102,645	50	7,202	3	7	32.65
1980.....	239,944	106,992	132,951	45	7,535	3	6	33.27

¹ 1950-1959 data from U.S. Bureau of Customs. Customs duties (including import excise taxes) calculated on the basis of reports of quantity and value of imports of merchandise entered directly for consumption or withdrawn from bonded customs warehouses. ² Based on estimated population including Armed Forces abroad as of July 1, except 1970 and 1980 as of April 1. ³ Total incorporates revised figures not carried to free and dutiable values for 1978 and 1979.

Source: U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States, Quarterly Summary of Foreign Commerce of the United States; Highlights of U.S. Export and Import Trade*, FT 990, monthly; and unpublished data.

NO. 1520. DUTIABLE IMPORTS FOR CONSUMPTION, AND PERCENT FREE OF TOTAL IMPORTS, FROM SELECTED AREAS AND COUNTRIES—VALUE: 1979 AND 1980

[Includes imports of silver ore and bullion. For total value of general imports, see table 1514. N.e.c. = Not elsewhere classified]

AREA AND COUNTRY OF ORIGIN	VALUE OF DUTIABLE IMPORTS (mil. dol.)		PERCENT OF TOTAL IMPORTS FREE FROM DUTY		AREA AND COUNTRY OF ORIGIN	VALUE OF DUTIABLE IMPORTS (mil. dol.)		PERCENT OF TOTAL IMPORTS FREE FROM DUTY	
	1979	1980	1979	1980		1979	1980	1979	1980
Total Imports¹	102,645	132,951	50	45	Other OECD countries ²	5,847	6,603	26	34
Developed countries ²	69,805	76,101	37	39	Austria.....	362	365	5	6
Developing countries ²	31,619	55,216	66	51	Spain.....	1,171	1,035	11	14
Communist areas.....	1,214	1,631	50	33	Sweden.....	1,514	1,428	9	12
W. Hemisphere³	18,537	25,522	73	67	Switzerland.....	1,552	1,767	25	35
Canada.....	8,952	9,791	76	76	Other Western Europe.....	196	194	52	58
20 Latin Amer. Republics ³	8,528	12,852	65	57	Yugoslavia.....	187	186	52	59
Cen. Amer. Common Mkt. ⁴	630	510	67	72	Communist areas in Europe ⁷	831	811	55	42
Latin American Free Trade Assn. ⁵	7,419	11,743	66	58	Asia.....	43,850	57,251	34	27
Argentina.....	341	315	41	57	Japan.....	25,324	29,486	4	4
Brazil.....	1,163	1,364	62	63	Near East Asia ⁶	3,178	7,867	79	54
Chile.....	180	282	53	51	Iran.....	312	38	89	89
Colombia.....	168	179	86	88	Israel.....	369	398	51	47
Mexico.....	4,058	6,524	54	48	Saudi Arabia.....	1,792	6,034	78	52
Peru.....	223	369	80	73	South Asia ⁸	687	736	50	49
Venezuela.....	1,070	2,518	79	52	India.....	535	570	49	48
Dominican Republic.....	289	393	56	49	Pakistan.....	92	90	22	29
Jamaica.....	30	35	92	91	Asia, n.e.c. ⁹	14,278	18,343	39	35
Trinidad and Tobago.....	297	1,100	81	54	China: Taiwan.....	4,007	4,913	31	28
Netherlands Antilles.....	392	1,139	78	55	Indonesia.....	613	2,015	83	61
Europe.....	33,984	35,365	23	27	Malaysia.....	869	1,330	58	48
Western Europe.....	33,153	34,360	21	26	Philippines.....	1,192	1,299	18	25
OECD countries ⁴	32,957	34,166	21	26	Thailand.....	233	333	61	53
Euro. Economic Comm.....	27,010	27,563	20	24	Communist areas in Asia ⁸	383	820	31	21
Belgium and Luxem.....	1,423	1,489	18	22	Oceania⁹	1,869	1,876	38	45
Denmark ⁶	598	605	16	17	Australia.....	1,322	1,362	38	45
France.....	4,019	3,773	16	28	New Zealand and W. Samoa.....	520	469	27	30
Ireland ⁶	272	314	17	21	Africa⁹	4,397	13,128	82	59
Italy.....	4,376	3,815	13	12	Congo.....	24	16	68	81
Netherlands.....	1,168	1,106	37	42	Ghana.....	141	127	38	38
Germany, Fed. Rep. of.....	10,159	10,772	9	9	Nigeria.....	1,590	4,990	80	54
United Kingdom ⁶	4,994	5,690	38	42	South Africa, Republic of.....	535	613	80	81
					Egypt.....	71	126	81	72

¹ Includes unidentified countries. ² See footnote 5, table 1514. ³ Includes countries not shown separately. ⁴ Guatemala, El Salvador, Honduras, Nicaragua, and Costa Rica. ⁵ Organization for Economic Cooperation and Development. ⁶ As of Jan. 1, 1973, United Kingdom, Denmark and Ireland became members of EEC. For consistency, data for all years are shown on same basis. ⁷ German Dem. Rep., Czechoslovakia, Hungary, Poland, Soviet Union, Albania, Romania, and Bulgaria. ⁸ Vietnam, China (Mainland), Outer Mongolia, and Dem. People's Rep. of Korea.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.



Section 32

Outlying Areas Under Jurisdiction of the United States

This section presents summary economic and social statistics for the Commonwealth of Puerto Rico, the principal possessions of the United States (Virgin Islands, Guam, and American Samoa) and, wherever possible, the Trust Territory of the Pacific Islands.

Primary sources are the decennial censuses of population and housing, and the censuses of agriculture, business, and manufactures (taken every five years) conducted by the Bureau of the Census; the annual *Vital Statistics of the United States*, issued by the National Center for Health Statistics; and the annual *Ingreso y Producto* of the Puerto Rico Planning Board, San Juan.

Jurisdiction.—The United States gained jurisdiction over these areas as follows:

The islands of *Puerto Rico* and *Guam*, surrendered by Spain to the United States in October 1898, were ceded to the United States by the Treaty of Paris, ratified in 1899. Puerto Rico became a commonwealth on July 25, 1952, thereby achieving a high degree of local autonomy under its own constitution. The *Virgin Islands*, comprising 50 islands and cays, were purchased by the United States from Denmark in 1917. *American Samoa*, a group of 7 islands, was acquired by the United States in accordance with a convention among the United States, Great Britain, and Germany, ratified in February 1900.

The *Trust Territory of the Pacific Islands* comprises 2,141 atolls and islands, about 96 of which are inhabited. By an agreement approved by the Security Council and the United States in 1947, this territory, formerly under Japanese mandate, has been administered by the United States since July 1947 under the United Nations trusteeship system.

For a brief summary of U.S. territorial development, see tables 6 and 343.

Censuses.—Because characteristics of the outlying areas differ, the presentation of census data for them is not uniform. The 1960 Census of Population covered all of the places listed above except the Trust Territory of the Pacific Islands (the census of which was conducted in April 1958 by the Office of the High Commissioner), whereas the 1960 Census of Housing also excluded American Samoa. The 1970 Census of Population and Housing covered all five areas. The 1959 and 1969 censuses of agriculture covered Puerto Rico, American Samoa, Guam, and the Virgin Islands; the 1964 and 1974 censuses covered the same areas except American Samoa; and the 1978 census covered the same areas including American Samoa and the Northern Mariana Islands. Beginning in 1967, Congress authorized the economic censuses, covering business, manufactures, and, for Guam and the Virgin Islands, mineral industries, to be taken at 5-year intervals, for years ending in 2 and 7. Prior economic censuses were conducted in Puerto Rico for 1954, 1958, and 1963, and in Guam and the Virgin Islands for 1958 and 1963. In 1972, the census of construction industries was added for the first time for these three areas.

Information in other sections.—In addition to the statistics presented in this section, other data are included as integral parts of many tables showing distribution by States in various sections of the *Abstract*. See "Outlying areas of United States" in the index. For definition and explanation of terms used, see section 1, Population; section 5, Education; section 24, Agriculture; section 28, Construction and Housing; section 29, Manufactures; and section 30, Domestic Trade and Services.

NO. 1521. ESTIMATED RESIDENT POPULATION, BY AREA: 1950 TO 1980
 [In thousands. As of July 1, except 1980 as of April. Includes estimates of Armed Forces stationed in area]

AREA	1950	1955	1960	1965	1970	1980	AREA	1950	1955	1960	1965	1970	1980
Puerto Rico.....	2,218	2,250	2,362	2,594	2,718	3,197	Trust Territory of the Pacific Islands ²	57	66	77	86	101	¹ 117
American Samoa.....	19	20	20	25	27	¹ 32	No. Mariana Islands ²	(NA)	(NA)	(NA)	(NA)	12	¹ 17
Guam.....	60	69	66	74	87	¹ 106							
Virgin Islands.....	27	28	32	43	64	¹ 96							

NA Not available. ¹ Preliminary. ² Data consistent with apportionment census of September 1973 which showed a total population of 14,333 for the Marianas and 114,982 for the Trust Territory. (Excludes 4,462 for Kwajalein Missile Range Facility and 269 with residence not specified.) ³ Excludes Northern Mariana Islands.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 80, 336, and 872, and unpublished data.

NO. 1522. ESTIMATES OF COMPONENTS OF POPULATION CHANGE, BY AREA: 1960 TO 1970 AND 1970 TO 1980

[In thousands, except percent. Resident population, including Armed Forces stationed in area. See table 6 for population totals. Minus sign (—) denotes decrease. For explanation of methodology, see source]

AREA	APRIL 1, 1960 TO APRIL 1, 1970					APRIL 1, 1970 TO APRIL 1, 1980				
	Net increase		Births	Deaths	Net migration	Net change		Births	Deaths	Net migration ¹
	Num-ber	Per-cent				Num-ber	Per-cent			
Puerto Rico.....	362.0	15.4	734.0	172.0	-200.0	484.5	17.9	744.0	193.7	-65.9
American Samoa.....	7.1	35.4	10.1	1.3	-1.7	5.2	19.3	10.6	1.4	-4.0
Guam.....	18.0	28.8	25.6	3.4	-4.2	20.8	24.5	30.7	4.1	-5.8
Virgin Islands.....	30.4	94.6	18.6	3.9	15.7	33.1	53.0	26.6	5.0	11.5
Trust Territory of the Pacific Islands ²	³ 20.3	28.6	30.9	4.8	-5.7	16.3	16.2	33.4	4.9	-12.2
No. Mariana Islands ²	(NA)	(NA)	(NA)	(NA)	(NA)	4.7	38.2	5.3	.1	.3

NA Not available. ¹ Includes error of closure (the amount necessary to make the components of change add to the net change between censuses). ² See footnote 2, table 1521. ³ Census taken in 1958, not 1960.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 80 and 336, and unpublished data.

NO. 1523. POPULATION, BY AGE AND AREAS, 1960 AND 1970, AND BY SEX, 1970

[In thousands, except median age. As of April 1. For population totals, see table 6. For definition of median, see Guide to Tabular Presentation]

AREA, YEAR, AND SEX	Under 5 yr.	5-13 yr.	14-17 yr.	18-20 yr.	21-24 yr.	25-34 yr.	35-44 yr.	45-54 yr.	55-64 yr.	65 yr. and over	18 yr. and over	Median age (years)
Puerto Rico: 1960.....	354.4	588.7	220.8	123.6	134.1	262.9	238.0	180.8	123.9	122.2	1,185.6	18.5
1970, total.....	318.1	605.5	251.0	158.7	182.8	339.3	274.0	227.5	178.0	177.1	1,537.4	21.6
Male.....	161.3	307.0	126.0	75.1	84.6	158.2	129.7	112.5	89.8	85.7	735.7	20.9
Female.....	156.8	298.5	125.0	83.6	98.2	181.1	144.3	115.0	88.2	91.4	801.7	22.2
American Samoa:												
1960.....	3.7	5.7	2.1	1.0	1.1	2.3	1.8	1.2	.7	.5	8.6	15.2
1970, total.....	4.7	7.5	2.6	1.6	1.6	3.2	2.4	1.8	1.0	.7	12.3	16.1
Male.....	2.4	3.8	1.4	.8	.8	1.6	1.2	.9	.5	.3	6.2	16.1
Female.....	2.3	3.7	1.3	.8	.9	1.6	1.2	.9	.5	.4	6.1	16.1
Guam: 1960.....	10.8	15.2	3.6	4.3	5.0	12.2	8.6	4.4	1.9	1.1	37.4	20.8
1970, total.....	11.6	20.1	6.8	5.4	8.0	12.6	10.3	5.8	2.8	1.5	46.4	20.4
Male.....	6.0	10.4	3.4	3.2	5.1	7.1	6.3	3.5	1.6	.7	27.5	21.6
Female.....	5.7	9.7	3.4	2.2	2.9	5.5	4.0	2.3	1.2	.8	18.9	19.2
Virgin Islands: 1960.....	4.9	7.1	2.7	1.4	1.7	3.9	3.5	2.8	1.9	2.2	17.3	20.7
1970, total.....	8.3	12.8	4.4	3.2	4.9	11.4	7.1	5.0	3.0	2.4	37.0	23.0
Male.....	4.2	6.4	2.2	1.6	2.4	5.8	3.6	2.5	1.5	1.0	18.4	23.1
Female.....	4.1	6.4	2.3	1.6	2.5	5.6	3.5	2.4	1.5	1.4	18.5	23.0
Trust Territory of the Pacific Islands:												
1970, total.....	15.6	23.6	9.0	5.3	5.3	9.3	8.4	6.8	4.3	3.3	42.7	16.9
Male.....	7.8	12.0	4.5	2.7	2.7	4.8	4.4	3.6	2.4	1.7	22.2	17.2
Female.....	7.8	11.6	4.5	2.6	2.5	4.5	4.0	3.3	2.0	1.6	20.6	16.6

Source: U.S. Bureau of the Census, *Census of Population: 1960*, vol. I; and 1970, vol. I, *Characteristics of the Population*, parts 53-58.

NO. 1524. LAND AREA AND POPULATION CHARACTERISTICS, BY AREA: 1970

[As of April 1. See also table 343 for gross area (land and water). For definition of median, see Guide to Tabular Presentation]

ITEM	Puerto Rico	American Samoa	Guam	Virgin Islands	Trust Territory of the Pacific Islands
Land area (sq. miles).....	3,421	76	209	132	717
Total resident population.....	2,712,033	27,159	84,996	62,468	90,940
Per square mile.....	793	357	407	473	127
Percent increase, 1960-1970.....	15.4	35.4	26.8	94.6	28.6
Urban.....	1,575,491	(x)	21,671	15,240	(x)
Rural.....	1,136,542	(x)	63,325	47,228	(x)
Male.....	1,329,958	13,682	47,362	31,157	46,482
Female.....	1,382,075	13,477	37,634	31,311	44,458
Males per 100 females.....	96.2	101.5	125.8	99.5	104.6
Median age (years).....	21.6	16.1	20.4	23.0	16.9
Male (years).....	20.9	16.1	21.6	23.1	17.2
Female (years).....	22.2	16.1	18.2	23.0	16.6
School years completed, persons 25 years old and over.....	1,196,692	9,022	32,376	28,896	32,155
No school years completed.....	172,653	631	1,006	456	10,969
Elementary: 1-8 years.....	569,597	4,387	10,288	13,382	14,796
High school:					
1-3 years.....	130,900	2,233	5,364	3,786	2,183
4 years or more.....	323,542	1,771	16,318	11,270	4,207
Median school years completed.....	6.9	8.4	11.9	9.5	4.1
Marital status, persons 14 years old and over.....	1,788,392	14,925	53,219	41,372	51,688
Single.....	591,765	5,855	17,152	14,752	17,705
Married ¹	1,037,901	8,216	33,611	23,780	30,077
Widowed or divorced.....	158,726	854	2,456	2,840	3,906
Households and families:					
Population in households.....	2,676,270	26,796	75,233	60,749	87,148
Number of households.....	632,348	3,858	15,569	17,761	15,214
Population per household.....	4.23	6.95	4.83	3.42	5.73
Families.....	563,448	3,666	14,315	13,135	12,960
Husband-wife families.....	443,907	2,870	12,012	9,750	10,167
Married couples ¹	(NA)	8,321	12,798	9,964	11,705

NA Not available. X Not applicable. ¹ Includes consensually married couples and separated couples.Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. 1, *Characteristics of the Population*, parts 53-58.

NO. 1525. POPULATION, BY PLACE OF BIRTH, PERIOD OF IMMIGRATION OF FOREIGN-BORN, AND CITIZENSHIP STATUS—BY AREA: 1970

[As of April 1]

ITEM	American Samoa	Guam	Virgin Islands	Trust Territory of the Pacific Islands
Total resident population.....	27,159	84,996	62,468	90,940
Native-born, total.....	21,286	71,512	41,140	89,891
Percent of total.....	78.4	84.1	65.9	98.8
Born in U.S.....	1,211	23,934	8,058	3,504
Born in a U.S. territory.....	20,067	47,472	29,068	86,385
Born in Puerto Rico.....	8	106	4,014	2
Foreign-born, total ¹	5,873	13,484	21,328	1,049
Percent of total.....	21.6	15.9	34.1	1.2
Europe.....	43	821	847	88
Asia.....	4,593	11,391	225	428
Americas, other than U.S.....	20	228	18,984	37
Other.....	1,021	120	94	79
By period of immigration:				
Before 1950.....	700	879	1,047	72
1950-1959.....	788	1,255	1,554	277
1960-1970.....	4,385	11,350	18,727	700
By citizenship status:				
Naturalized.....	149	3,491	2,185	412
Permanent alien.....	4,331	5,027	7,619	295
Temporary alien.....	1,336	4,045	11,309	243
Born abroad of American parents.....	57	921	235	99

¹ Includes foreign-born persons for whom country was not reported.Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. 1, *Characteristics of the Population*, parts 54-58.

NO. 1526. VITAL STATISTICS—SPECIFIED AREAS: 1950 TO 1978

[Births, deaths, and infant deaths by place of residence; marriages and divorces by place of occurrence. Rates for 1950, 1960, and 1970 based on population enumerated as of April 1; for all other years, on population estimated as of July 1]

AREA AND YEAR	BIRTHS		DEATHS		INFANT DEATHS		MARRIAGES		DIVORCES ³	
	Num-ber	Rate ¹	Num-ber	Rate ¹	Num-ber	Rate ²	Num-ber	Rate ¹	Num-ber	Rate ¹
Puerto Rico:										
1950.....	86,038	38.9	21,895	9.9	5,807	67.5	20,532	9.3	3,591	1.6
1955.....	77,830	34.6	16,221	7.2	4,343	55.8	18,912	8.4	4,622	2.1
1960.....	76,914	32.5	15,791	6.7	3,307	43.3	* 20,212	* 8.6	5,218	2.2
1965.....	79,608	30.2	17,686	6.7	3,406	42.8	25,184	9.6	10,519	4.0
1970.....	67,628	24.8	18,080	6.7	1,930	28.6	29,905	11.0	9,688	3.6
1974.....	69,886	23.1	18,948	6.3	1,511	21.6	33,410	11.1	11,688	3.9
1975.....	69,702	22.5	17,805	5.8	1,335	19.2	32,731	10.6	12,985	4.2
1976.....	71,888	22.4	19,289	6.0	1,437	20.0	33,741	10.5	12,357	3.8
1977.....	75,191	22.6	19,778	6.0	1,514	20.1	34,541	10.4	12,085	3.6
1978.....	75,117	22.4	19,812	5.9	1,391	18.5	34,048	10.1	12,392	3.7
Guam:										
1965.....	2,523	32.8	336	4.4	82	32.5	471	6.2	53	.7
1970.....	2,842	28.8	355	5.8	62	21.6	874	9.9	84	1.0
1974.....	3,164	30.0	423	4.4	74	23.4	2,523	26.8	207	2.2
1975.....	3,156	32.0	427	4.3	65	20.6	1,861	19.8	196	2.1
1976.....	3,038	32.5	446	4.8	55	18.1	1,538	16.5	275	3.0
1977.....	2,989	27.0	361	3.3	45	15.1	(NA)	(NA)	(NA)	(NA)
1978.....	2,888	25.4	398	3.5	45	15.6	1,769	15.2	361	3.1
Virgin Islands:										
1950.....	894	33.5	374	14.0	51	57.0	138	5.2	271	10.2
1955.....	913	33.1	311	11.3	41	44.9	221	8.0	103	3.7
1960.....	1,180	36.8	332	10.3	42	35.6	359	11.1	135	4.2
1965.....	1,998	46.2	416	9.6	80	30.0	595	13.7	249	5.7
1970.....	2,898	46.8	469	7.9	72	24.6	1,149	18.4	270	4.3
1974.....	2,449	27.7	462	5.2	61	24.9	1,254	14.2	480	5.2
1975.....	2,372	24.9	477	5.0	62	26.1	1,064	11.2	353	3.7
1976.....	2,343	24.8	447	4.7	68	29.0	933	9.9	399	4.2
1977.....	2,373	25.5	380	4.1	55	23.2	919	9.9	442	4.7
1978.....	2,524	26.3	461	4.8	54	21.4	1,131	11.8	484	5.0

NA Not available. ¹ Per 1,000 population. ² Per 1,000 live births. ³ Includes reported annulments. ⁴ Data are incomplete.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; Statistical Office of the United Nations, New York, N.Y., *Demographic Yearbook* 1969, 1974, and 1977 (copyright); and Department of Public Health and Social Services, Government of Guam, *Statistical Report—1978*.

NO. 1527. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS, BY AREAS

ITEM	Puerto Rico	American Samoa	Guam	Virgin Islands	Commonwealth of the Northern Marianas
Enrollment, Fall 1979.....	721,419	9,291	27,582	25,553	4,407
Elementary (kindergarten-grade 8).....	¹ 534,421	¹ 7,022	20,193	19,330	3,267
Secondary (grades 9-12 and post graduates).....	¹ 186,998	¹ 2,269	7,389	6,223	1,140
High-school graduates, 1977-78.....	² 25,788	411	* 1,206	298	83
Average daily attendance, 1980.....	³ 646,150	³ 8,287	25,814	23,304	4,240
Percent of enrollment.....	³ 93.8	³ 89.2	93.6	91.2	95.2
Minimum days in session, 1978.....	188	(NA)	* 180	* 180	180
Average number of days attended per enrollee, 1974.....	(NA)	(NA)	146.5	168.2	(NA)
Professional staff, Fall 1978.....	31,455	608	⁴ 1,469	1,869	305
Official/administrative.....	1,284	9	⁴ 14	101	18
Professional/educational.....	⁵ 30,161	526	⁵ 1,335	1,636	273
Teachers.....	29,278	486	⁵ 1,294	1,470	241
Professional/other.....	(⁶)	73	⁵ 120	132	14
Average salary for classroom teachers, 1979 (dol.).....	¹ 8,100	⁵ 5,100	12,684	12,331	5,403
Avg. salary for other professional educ. staff, 1979 (dol.).....	¹ 7,300	(NA)	12,995	15,586	7,518
Total estimated expenditures, 1979 (\$1,000).....	¹ 474,026	¹ 7,908	41,294	48,317	9,324
Current expenditures ⁵ (\$1,000).....	¹ 462,482	¹ 7,908	31,327	43,757	5,997
Per pupil ⁷ (dollars).....	1,694	⁵ 954	1,214	1,878	1,414
Other current expenditures ⁵ (\$1,000).....	15,823	-	-	2,535	403
Capital outlay (\$1,000).....	¹ 5,721	-	9,967	2,025	2,924
Per pupil ⁷ (dollars).....	(NA)	-	386	87	690

- Represents zero. NA Not available. ¹ 1978 data. ² 1975-76 data. ³ 1977 data. ⁴ Average length of term in days. 1974 data. ⁵ Professional/other included in Professional/educational. ⁶ Public elementary and secondary day schools. ⁷ Annual expenditures per pupil in average daily attendance. ⁸ Community services, summer schools, adult education, and community colleges.

Source: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools, Fall 1978*, and unpublished data.

NO. 1528. SCHOOL ENROLLMENT AND EMPLOYMENT STATUS, 1970, AND PERCENT DISTRIBUTION BY FAMILY INCOME CLASS, 1969, BY AREA

ITEM	Puerto Rico	American Samoa	Guam	Virgin Islands	Trust Territory of the Pacific Islands
SCHOOL ENROLLMENT, 1970					
Total enrolled, 3-34 years old.....	821,046	10,246	27,065	17,638	29,425
Elementary (grades 1-8), total ¹	589,670	8,079	19,886	13,799	24,713
Public.....	541,108	7,181	16,323	10,514	22,164
Private, total.....	48,564	898	3,563	3,285	2,549
Parochial.....	20,789	401	2,553	1,735	1,562
High school (4 years), total.....	168,047	2,089	5,741	3,258	4,276
Public.....	154,264	1,912	5,025	2,519	3,279
Private, total.....	13,783	177	716	739	997
Parochial.....	5,086	81	507	412	536
College, total.....	63,329	78	1,438	581	438
Public.....	44,500	72	1,346	360	380
EMPLOYMENT STATUS, 1970					
Total persons, 16 years old and over.....	1,654,712	13,597	49,548	39,034	45,970
In labor force.....	679,745	5,395	32,493	25,724	14,263
Percent of total.....	41.1	39.7	65.8	65.9	30.4
Armed Forces.....	7,330	10	9,997	32	128
Civilian labor force.....	672,415	5,385	22,496	25,692	14,135
Employed.....	634,961	5,094	22,112	24,501	13,377
Unemployed.....	37,454	291	384	1,191	758
Percent of civilian labor force.....	5.6	5.4	1.7	4.6	5.4
Not in labor force.....	974,967	8,192	17,055	13,310	32,707
FAMILY INCOME, 1969					
Families, 1970.....	564,751	3,666	14,315	13,135	12,980
Percent distribution, by income class.....	100.0	100.0	100.0	100.0	100.0
Less than \$1,000.....	21.4	23.7	4.5	6.4	53.5
\$1,000-\$1,999.....	13.8	13.0	2.2	4.6	16.9
\$2,000-\$3,999.....	25.5	27.3	8.5	16.9	14.9
\$4,000-\$5,999.....	14.5	15.3	17.8	17.9	6.4
\$6,000-\$7,999.....	9.1	7.2	18.2	13.8	2.8
\$8,000-\$9,999.....	5.4	4.1	13.7	9.3	1.6
\$10,000-\$14,999.....	6.3	5.8	20.5	14.9	2.4
\$15,000-\$24,999.....	3.1	3.0	12.2	11.3	1.2
\$25,000 or more.....	.9	.7	2.6	4.9	.4
Median income ²	\$3,063	\$2,840	\$7,886	\$6,612	\$773

¹ Includes nursery and kindergarten. ² For definition of median, see *Guide to Tabular Presentation*.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. 1, *Characteristics of the Population*, parts 53-58.

NO. 1529. PUERTO RICO—EMPLOYMENT STATUS, 1960 TO 1980 AND BY SEX, 1979 AND 1980

[In thousands of persons 14 years old and over except, beginning 1977, 16 years old and over. Annual averages for calendar years of the civilian noninstitutional population]

EMPLOYMENT STATUS	1960	1965	1970	1975	1976	1977	1978	1979			1980		
								Total	Male	Female	Total	Male	Female
Total.....	1,368	1,555	1,743	2,099	2,173	2,093	2,198	2,272	1,072	1,200	2,322	1,095	1,227
In the labor force.....	635	698	778	875	912	937	971	987	660	327	1,006	664	341
Employed.....	558	617	694	715	734	750	798	819	531	288	834	534	299
Working.....	525	585	658	667	678	693	748	769	503	266	782	506	275
35 hours or more ¹	406	470	570	487	446	521	581	591	395	198	587	394	193
Less than 35 hours ²	119	115	88	181	232	172	167	178	108	70	195	112	82
Not working.....	33	31	35	48	56	56	49	50	28	22	52	28	24
Unemployed.....	77	81	84	159	179	187	175	168	129	38	172	130	42
Percent.....	12.1	11.6	10.7	18.2	19.6	20.0	18.1	17.0	19.5	11.9	17.1	19.6	12.3
Not in labor force.....	734	856	965	1,224	1,261	1,156	1,227	1,285	412	873	1,316	431	886

¹ Prior to 1976, 30 hours or more. ² Prior to 1976, less than 30 hours.

Source: Puerto Rico Dept. of Labor, Bureau of Labor Statistics, San Juan, P.R., unpublished data.

No. 1530. PUERTO RICO—GROSS PRODUCT AND IMPORTS: 1960 TO 1980

[In millions of dollars. For years ending June 30]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980, prel.
Gross Commonwealth product	1,676	2,764	4,688	6,798	7,129	7,527	8,116	8,932	10,005	11,105
Average annual percent change ²	8.0	10.5	11.1	9.7	4.9	5.6	7.8	10.1	12.0	11.0
Sales of domestic production and imports	2,897	4,872	8,440	13,268	14,545	15,913	17,591	19,306	21,806	24,809
Goods and services to P.R. users	2,012	3,479	5,964	8,842	10,112	11,126	11,585	12,830	13,870	15,572
Consumers	1,397	2,251	3,747	5,690	6,390	7,361	8,167	9,043	9,901	11,118
Commonwealth and municipal govts.	218	380	765	1,326	1,612	1,616	1,728	1,877	2,017	2,221
Construction	227	501	989	1,282	1,481	1,295	1,004	1,134	1,200	1,302
Producers durable equipment	128	219	413	396	428	489	532	601	681	728
Changes in inventories	42	128	50	148	203	365	154	175	71	203
Goods and services to rest of world	885	1,393	2,476	4,426	4,433	4,787	6,006	6,476	7,936	9,237
Less: Imports of goods and services	1,221	2,108	3,752	6,470	7,549	8,406	9,497	10,373	11,815	13,715

¹ Includes other investments by Puerto Rico Maritime Shipping Authority not included in breakdown. ² Change from previous year shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. Source: Puerto Rico Planning Board, San Juan, P.R., *Ingreso y Producto*, annual, and unpublished data.

No. 1531. PUERTO RICO—NET INCOME, BY INDUSTRIAL ORIGIN: 1960 TO 1980

[In millions of dollars. For years ending June 30]

INDUSTRY	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980, prel.
All Industries	1,349	2,230	3,668	5,580	5,920	6,206	6,650	7,402	8,243	9,098
Agriculture	180	190	178	325	310	322	292	359	370	403
Manufacturing	289	553	958	1,869	1,941	2,383	2,813	3,268	3,805	4,286
Food and related products	67	125	161	244	274	303	315	418	413	396
Apparel and related products	51	89	172	218	205	245	266	317	332	350
Metal products and machinery	55	82	192	446	478	598	741	846	1,072	1,141
Other manufacturing	116	257	433	963	983	1,237	1,492	1,867	1,988	2,403
Mining	2	5	7	6	6	6	5	6	5	5
Contract construction	87	175	338	456	409	347	290	307	335	342
Transp. and other public utilities ¹	127	213	342	538	621	648	730	780	899	1,053
Trade	237	402	631	869	945	1,030	1,126	1,232	1,380	1,467
Finance, insurance, and real estate	141	253	504	722	700	727	804	916	1,098	1,239
Services	127	250	448	666	727	791	895	987	1,107	1,228
Commonwealth Government ²	175	307	610	1,091	1,334	1,390	1,450	1,573	1,694	1,866
Rest of the world	-16	-118	-347	-961	-1,072	-1,438	-1,754	-2,026	-2,450	-2,811

¹ Includes radio and television. ² Includes public enterprises, not elsewhere classified.

Source: Puerto Rico Planning Board, San Juan, P.R., *Ingreso y Producto*, annual.

No. 1532. PUERTO RICO—RECEIPTS AND EXPENDITURES OF THE CENTRAL GOVERNMENT, BY MAJOR ITEM: 1960 TO 1980

[In millions of dollars. For years ending June 30]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, prel.
Receipts	351	672	1,275	1,949	2,029	2,402	2,929	3,073	3,417	3,712	4,148
Taxes	237	408	735	1,085	1,102	1,294	1,605	1,723	1,809	1,957	2,108
Personal	40	88	188	296	330	397	462	533	486	557	620
Corporate	26	54	92	157	169	167	171	180	237	273	325
Indirect business	172	265	456	632	603	730	972	1,010	1,086	1,126	1,162
Contributions to social insurance	45	81	162	250	270	335	362	372	398	441	477
Profits from govt. business enterprises	6	11	6	-38	-14	-63	-78	-116	-50	-123	-76
Interest and dividends	10	17	49	67	75	73	79	88	106	122	157
Sales of goods and services	9	37	67	93	97	112	138	145	151	164	172
Transfers from Federal Government	44	116	257	492	500	651	823	860	1,003	1,149	1,309
Transfers from private enterprises	-	-	-	-	(2)	(2)	(2)	(2)	(2)	1	1
Expenditures	287	548	1,105	1,797	1,957	2,416	2,617	2,778	2,986	3,185	3,550
Purchases of goods and services	227	417	831	1,325	1,422	1,725	1,754	1,873	2,028	2,181	2,393
Compensation of employees	174	307	610	1,029	1,051	1,334	1,390	1,450	1,573	1,694	1,886
Other purchases	103	197	390	561	585	671	675	698	772	813	917
Less: Capital expenditures	50	87	169	265	283	279	312	274	317	326	310
Interest	7	19	38	73	89	118	140	149	170	161	157
Subsidies	9	11	33	72	91	98	99	100	118	122	121
Transfer payments to persons	44	82	173	284	307	405	545	570	580	597	767
Transfer payments to Federal Govt.	(2)	19	30	44	47	71	80	86	91	105	111
Savings ¹	64	124	170	152	72	-13	311	295	432	547	598

- Represents zero. Z Less than \$500,000. ¹ Includes disbursements for land acquisition, equipment purchases, and other capital investments.

Source: Puerto Rico Planning Board, San Juan, P.R., *Ingreso y Producto*, annual.

No. 1533. PUERTO RICO—BUSINESS SUMMARY: 1972 AND 1977

(Sales and payroll in millions of dollars; for discussion of coverage, see text pp. 809 and 810)

KIND OF BUSINESS (Based on 1972 Standard Industrial Classification System)	1972		1977			
	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Pay- roll, entire year	Employ- ees ¹
Wholesale trade²	2,160	2,559	2,208	4,395	260	27,788
Motor vehicles, automotive parts and supplies.....	141	163	128	164	16	1,662
Drugs, ³ and chemicals, allied products.....	172	222	154	372	35	3,497
Apparel, piece goods, and notions.....	168	116	159	136	8	946
Groceries and related products.....	500	780	486	1,420	51	6,208
Electrical goods.....	121	137	124	182	19	1,834
Machinery, equipment, supplies.....	297	259	342	358	50	4,773
Petroleum and petroleum products.....	34	207	71	567	11	896
Retail trade²	29,894	2,918	36,276	4,796	423	78,201
Bldg. materials, hdware, garden supplies, mobile home dealers.....	943	216	1,347	346	33	5,309
Hardware stores.....	575	105	816	168	16	2,627
General merchandise group stores.....	1,357	330	1,061	479	62	10,461
Department stores.....	47	217	39	312	40	6,056
Food stores, eating and drinking places.....	18,639	905	22,477	1,593	122	25,622
Grocery stores, eating and drinking places.....	16,319	839	19,980	1,489	111	23,056
Automotive dealers, gasoline service stations ⁴	2,230	716	2,933	1,145	65	10,800
Motor vehicle dealers—new and used cars.....	308	458	284	607	31	4,028
Gasoline service stations.....	1,317	172	1,520	336	15	3,710
Apparel, accessory stores ²	2,360	295	2,796	498	60	11,527
Men's, boys' clothing and furnishing stores.....	529	86	529	117	13	2,255
Women's clothing, specialty stores.....	867	95	1,002	172	20	4,261
Family clothing stores.....	312	33	386	61	8	1,636
Furniture, home furnishings and equipment stores.....	1,420	212	1,522	270	28	4,927
Selected services industries^{2,4}	14,163	512	19,936	940	273	41,704
Hotels, motels, trailing parks, and camps.....	263	130	181	(D)	(D)	(D)
Personal services.....	2,982	51	3,180	72	16	3,574
Auto repairs, services, garages.....	1,438	63	2,285	(D)	(D)	(D)
Amusement, recreation services, motion pictures.....	7,822	87	9,753	133	19	3,743

D. Withheld to avoid disclosure. ¹ For week including Mar. 12. ² Includes data not shown separately. ³ Includes drug proprietaries and druggists' sundries. ⁴ For 1972, excludes arrangement of passenger transportation; dental laboratories; legal services; engineering, architectural, and surveying services.

Source: U.S. Bureau of the Census, *Census of Outlying Areas, Retail Trade, Wholesale Trade, and Selected Service Industries, 1977, Puerto Rico*, series OAC77-1.

No. 1534. PUERTO RICO—MANUFACTURES, BY INDUSTRY: 1972 AND 1977

INDUSTRY (Based on 1972 Standard Industrial Classification System)	1972			1977						
	Estab- lish- ments	All employ- ees ¹	Value added by manu- facture ² (mil. dol.)	Estab- lish- ments	All employees		Production workers		Value of ship- ments ³ (mil. dol.)	Value added by manu- facture ² (mil. dol.)
					Num- ber ¹	Pay- roll (mil. dol.)	Num- ber ¹	Wages (mil. dol.)		
All industries.....	2,340	149,748	1,915.4	2,297	146,861	997.0	126,236	738.8	10,137.1	4,097.2
Food and kindred products.....	321	27,739	343.4	324	21,407	149.0	17,249	103.3	1,456.6	485.6
Tobacco products.....	28	4,508	46.4	17	3,670	24.5	3,419	21.9	214.1	122.0
Textile mill products.....	81	7,819	67.1	63	6,001	29.5	5,743	26.5	183.0	108.8
Apparel and other textile products.....	473	39,624	252.5	386	35,294	151.8	33,086	131.1	593.3	278.9
Lumber and wood products.....	100	1,194	8.2	83	823	3.9	712	3.1	20.5	9.1
Furniture and fixtures.....	140	3,213	29.3	124	2,393	12.1	2,115	9.1	48.3	26.1
Paper and allied products.....	37	1,567	17.9	38	1,459	11.8	1,182	8.3	70.3	21.7
Printing and publishing.....	129	2,968	41.8	161	4,037	28.8	3,508	23.2	95.4	68.9
Chemicals and allied products.....	125	8,979	451.2	181	15,732	162.5	10,517	83.0	2,758.1	1,476.5
Petroleum and coal products.....	16	2,181	91.7	19	2,462	36.9	1,998	27.0	2,147.9	143.4
Rubber and misc. plastic products.....	56	3,494	27.4	77	5,962	43.4	5,514	35.9	236.8	147.6
Leather and leather products.....	57	6,811	39.3	47	6,165	29.3	5,805	28.3	125.2	55.7
Stone, clay, and glass products.....	189	6,250	73.1	175	4,987	39.8	3,857	28.3	229.9	102.7
Primary metal industries.....	16	956	14.3	35	1,567	12.7	1,194	8.7	91.5	48.5
Fabricated metal products.....	219	5,247	78.2	199	4,654	33.7	3,868	25.7	212.9	84.2
Machinery, exc. electrical.....	64	2,229	37.8	57	4,071	32.8	3,112	25.5	301.7	161.2
Electric and electronic equipment.....	105	14,671	169.6	131	14,785	106.9	13,465	84.7	716.4	403.1
Instruments and related products.....	25	712	6.8	69	6,789	52.1	6,061	39.1	409.0	257.3
Transportation equipment.....	44	6,065	84.2	26	1,127	8.2	952	6.7	47.4	28.1
Misc. manufacturing industries.....	115	3,720	35.3	85	3,487	27.3	2,879	21.6	178.9	67.8

¹ Average for year. ² See footnote 6, table 1405. ³ Represents net selling value, f.o.b. plant. Excludes freight charges and excise taxes. Includes extensive duplication arising from shipments between establishments in the same industry.

Source: U.S. Bureau of the Census, *Censuses of Outlying Areas, Manufactures, 1977, Puerto Rico*, series OAC77-4.

NO. 1535. PUERTO RICO—CONSTRUCTION SUMMARY: 1972 AND 1977

[Money figures in millions of dollars]

INDUSTRY (Based on 1972 Standard Industrial Classification System ¹)	1972		1977				
	Estab-lish-ments	Total re-ceipts	Estab-lish-ments	Total re-ceipts	Pay-roll, entire year	Em-ployees	Value added
Construction ²	1,516	1,129	1,692	931	216	36,154	401
General building contractors and operative builders.....	684	693	777	555	120	20,281	195
General contractors, residential buildings.....	441	425	576	(d)	49	9,847	(d)
Single-family houses.....	384	289	548	162	40	8,256	59
Operative builders.....	82	157	70	145	17	3,109	46
General contractors, nonresidential buildings.....	161	111	131	(d)	54	7,325	(d)
Heavy construction, general contractors.....	150	207	156	151	37	5,164	88
Special trade contractors ²	648	216	705	202	55	9,515	110
Plumbing, heating, air-conditioning.....	103	47	132	39	9	1,361	19
Painting, paperhanging, decorating.....	49	(d)	52	(d)	3	585	(d)
Electrical work.....	125	47	134	51	14	2,163	27
Masonry, plastering, and tile setting.....	85	³ 13	67	(d)	8	1,607	(d)
Carpentering and flooring.....	43	4	40	(d)	1	258	(d)
Concrete work.....	46	(d)	45	19	6	922	11

D Withheld to avoid disclosure. ¹ See text, pp. 809 and 810. ² Includes industries not shown separately. ³ Masonry only. ⁴ Flooring only.

Source: U.S. Bureau of the Census, *Censuses of Outlying Areas, 1972, Construction Industries: Puerto Rico*, series OAC72-3; and *Censuses of Outlying Areas, 1977 Construction Industries, Puerto Rico*, series OAC77-3.

NO. 1536. PUERTO RICO—AGRICULTURE: 1969 AND 1978

[1 cuerda=.97 acre. Tons specified are short tons]

CROP	LAND HARVESTED (1,000 cuerdas)		PRODUCTION (millions)			Sales, 1978 (mil. dol.)	CROP	LAND HARVESTED (1,000 cuerdas)		PRODUCTION (millions)		
	1969	1978	Unit	1969	1978			1969	1978	Unit	1969	1978
Sugarcane	180.4	105.2	Tons	5.9	2.9	39.5	Plantains	8.3	(NA)	Number	95	76
Coffee	125.5	83.2	Lb	17.5	18.3	26.8	Bananas	14.1	(NA)	Number	332	229
Vegetables ¹	4.6	5.4	(x) (x)	(x)	(x)	2.4	Oranges	16.2	(NA)	Number	134	48.1
Pineapples	3.5	2.6	Tons	.5	(z)	5.6	Taniers	5.2	4.2	Lb	13.8	7.3
Tobacco	3.7	1.5	Lb	4.8	2.3	1.3	Pigeon peas	6.2	8.5	Lb	4.0	9.2

NA Not available. X Not applicable. Z Less than 50 thousand. ¹ For sale.

Source: U.S. Bureau of the Census, *Census of Agriculture: 1978*, vol. I.

NO. 1537. PUERTO RICO—MERCHANDISE IMPORTS AND EXPORTS: 1960 TO 1980

[In millions of dollars]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Imports.....	924	1,543	2,681	3,324	3,593	4,961	4,885	5,928	6,200	6,918	7,834	9,018
From U. S.....	771	1,275	2,070	2,434	2,623	2,945	3,029	3,677	3,552	4,391	4,788	5,345
From other.....	153	263	611	890	970	2,016	1,856	2,251	2,649	2,527	3,046	3,673
Exports.....	604	1,008	1,680	2,241	2,727	3,275	3,000	3,795	4,516	5,129	6,539	6,576
To U. S.....	568	969	1,563	2,070	2,479	2,871	2,633	3,298	4,009	4,499	5,720	5,643
To other.....	16	37	117	171	248	404	367	437	507	624	819	933

Source: U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States*, annual; *U.S. Trade with Puerto Rico and U.S. Possessions*, FT 800; and unpublished data.

NO. 1538. GUAM AND VIRGIN ISLANDS—ECONOMIC SUMMARY: 1977

KIND OF BUSINESS (Based on 1972 Standard Industrial Classification System ¹)	GUAM				VIRGIN ISLANDS			
	Estab-lish-ments	Sales and receipts (\$1,000)	Payroll (\$1,000)	Paid employ-ees ²	Estab-lish-ments	Sales or receipts (\$1,000)	Payroll (\$1,000)	Paid employ-ees ²
Total	900	606,202	74,256	10,405	2,211	(d)	119,804	15,069
Construction.....	74	85,467	19,965	2,533	150	44,321	13,615	1,508
Manufacturing.....	20	³ 172,617	6,131	686	83	(b)	39,163	2,912
Wholesale trade.....	51	77,775	5,180	546	104	124,379	8,776	980
Retail trade.....	531	215,201	25,830	4,070	1,104	277,999	35,909	5,622
Selected services.....	224	55,142	17,350	2,570	770	75,763	22,342	4,047

D Withheld to avoid disclosing data for individual companies. ¹ See text, pp. 809 and 810. ² Pay period including Mar.

12. ³ Value of shipments; figure contains duplication.

Source: U.S. Bureau of the Census, *Censuses of Outlying Areas, 1977: Virgin Islands and Guam*, series OAC 77-5 and 77-6, respectively.

1981

Section 33

Comparative International Statistics

This section presents statistics for the world as a whole and for many countries on a comparative basis with the United States. Selected data are shown for area and population, births and deaths, social and industrial indicators, finances, agriculture, transportation and communication, and military affairs.

The principal sources for these data are the United Nations *Statistical Yearbook* and the U.S. Bureau of the Census biennial publication *World Population*. Statistics of the individual nations may be found primarily in official national publications, generally in the form of yearbooks, issued by most of the nations at various intervals in their own national languages, expressed in their own or customary units of measure. For handier reference, especially for international comparisons, the Statistical Office of the United Nations compiles data as submitted by member countries and issues a number of international summary publications, generally in English and French. Among these are the *Statistical Yearbook*; the *Demographic Yearbook*; the *Yearbook of International Trade Statistics*; the *Yearbook of National Accounts Statistics: Vol. II, International Tables*; *Population and Vital Statistics Reports* (quarterly); the *Monthly Bulletin of Statistics*; and *Yearbook of World Energy Supplies*. Specialized agencies of the United Nations also issue international summary publications on agricultural, labor, and education statistics. Among these are the *Production Yearbook* issued by the Food and Agriculture Organization, the *Yearbook of Labour Statistics* issued by the International Labour Office, and the *Statistical Yearbook* issued by the Educational, Scientific, and Cultural Organization.

The Bureau of the Census, in *Country Demographic Profiles*, series ISP-30, presents data on individual countries for both a recent census year and the current period; and in the biennial *World Population* series, estimates of basic demographic measures for countries and regions of the world. The *International Population Statistics Reports*, series P-90 and P-91, issued by the Bureau of the Census, also present population figures for many foreign countries.

The U.S. Arms Control and Disarmament Agency and the International Monetary Fund (IMF) also compile data on international statistics. In its *World Military Expenditures and Arms Transfers*, published annually, the Arms Control and Disarmament Agency presents data on various economic indicators, as well as basic military data. Among the topics presented have been military expenditures, GNP, public health and public education expenditures, physicians and teachers, imports and exports, and armed forces, by region and/or country. The IMF publishes a series of reports relating to financial data. These include *International Financial Statistics*, *Direction of Trade*, and *Balance of Payments Yearbook*, published in English, French, and Spanish.

Statistical coverage, country names, and classifications.—Problems of space and availability of data limit the number of countries and the extent of statistical coverage shown. The list of countries included is based almost entirely on a U.S. Department of State list of sovereign nations, dependencies, and areas of special sovereignty published biennially by the U.S. Department of State in *Status of the World's Nations*. Country names are shown here as specified in that publication. In the few cases where a lack of comparability exists between State Department and United Nations' terminology, the State Department's preferences are used.

The countries and regions in tables 1541, 1544, and 1545 are classified as either "more developed" or "less developed," according to a regional classification system used by the Census Bureau in its *World Population: 1979*. The system is based on the assumption that, within regions, levels of such factors as industrial development, literacy rate, gross reproduction rate, per capita income, etc., are somewhat constant. "More developed" countries comprise Japan, Australia, New Zealand, the Soviet Union, and those countries in Northern America and Europe. All others are "less developed".

Economic associations.—The Organisation for European Economic Co-operation (OEEC), a regional grouping of Western European countries established in 1948 for the purpose of harmonizing national economic policies and conditions, was succeeded on September 30, 1961, by the Organisation for Economic Co-operation and Development (OECD). The member nations of the OECD are Australia, Austria, Belgium, Canada, Denmark, Finland, France, Federal Republic of Germany, Greece, Iceland, Ireland, Italy, Japan, Luxembourg, the Netherlands, New Zealand, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, the United Kingdom and the United States, plus Yugoslavia in special status category.

Quality and comparability of the data.—The quality and comparability of the data presented here are affected by a number of factors:

(1) The year for which data are presented may not be the same for all subjects for a particular country, or for a given subject for different countries, though the data shown are the most recent available. All such variations have been noted. The data shown are for calendar years except as otherwise specified.

(2) The bases, methods of estimating, methods of data collection, extent of coverage, precision of definition, scope of territory, and margins of error may vary for different items within a particular country, and for like items for different countries. Footnotes and headnotes to the tables give a few of the major time-period and coverage qualifications attached to the figures; considerably more detail is presented in the source publications. Many of the measures shown are, at best, merely rough indicators of magnitude.

It should be noted, for example, that in interpreting the absolute levels of GNP and per capita GNP, the market exchange rates used in converting national currencies to U.S. dollars do not necessarily reflect the relative purchasing power of the various currencies. In 1980, market exchange rates were strongly influenced by balance-of-payments disequilibria, which may be presumed to be temporary, and by market expectations of future changes in purchasing power.

In terms of actual 1980 purchasing power, the U.S. dollar was undervalued in comparison with the "strong" European currencies and the Japanese yen; the same probably was true of British sterling. The Swiss franc was overvalued in comparison with all currencies. As a consequence, it should not be concluded, for instance, that Switzerland's individual standard of living in 1980 was 40 percent higher than that of the U.S., or that the U.K.'s was 19 percent lower, as the statistics may imply. (See table 1553.)

(3) Figures shown in this section for the United States may not always agree with figures shown in the preceding sections. Disagreements may be attributable to the use of differing original sources, a difference in the definition of geographic limits (the 50 States, conterminous United States only, or the United States including certain outlying areas and possessions), or to possible adjustments made in the United States figures by the United Nations or other sources in order to make them more comparable with figures from other countries.

Conversion factors.—To facilitate comparison in terms of familiar units, some items shown in metric units in the source have been converted to U.S. equivalents by means of the abbreviated conversion factors shown below. Additional conversion factors appear on p. xii.

Conversion Factors

<i>Metric units</i>	<i>U.S. equivalents</i>
1 square kilometer	0.3861 sq. mile
1 metric ton (1,000 kilograms).....	1.1023 short tons
1 hectolitre	26.4172 U.S. gallons
1 cubic meter.....	35.3147 cubic feet

NO. 1539. WORLD SUMMARY: 1960 TO 1980

[See text, p. 864, for general comments concerning quality of the data]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980
Population	Millions	2,986	3,288	3,610	3,967	4,182	4,258	4,336	4,415
Farm products, wood, fish:									
Barley.....	Mil. sh. ton	100	117	154	173	195	200	175	179
Coffee.....	Mil. sh. ton	4.7	5.6	4.2	4.9	4.7	5.2	5.4	5.3
Corn.....	Mil. sh. ton	226	250	289	359	384	430	461	432
Cotton (lint).....	Mil. sh. ton	11	13	13	14	15	15	16	16
Peanuts (groundnuts).....	Mil. sh. ton	15	18	20	21	20	21	21	22
Potatoes.....	Mil. sh. ton	314	314	344	316	354	304	313	249
Rice.....	Mil. sh. ton	281	282	348	397	408	425	415	441
Soybeans.....	Mil. sh. ton	30	40	51	76	87	85	101	92
Tobacco.....	Mil. sh. ton	4.2	5.0	5.1	6.0	6.1	6.3	5.9	5.9
Wheat.....	Mil. sh. ton	269	295	351	391	431	495	472	490
Wool, greasy.....	Mil. sh. ton	2.8	2.9	3.1	2.9	2.9	2.9	3.0	3.1
Roundwood.....	Bil. cu. ft.	67	73	85	85	103	104	107	(NA)
Fish catches.....	Mil. sh. ton	44	59	75	76	78	79	(NA)	(NA)
Industrial production:									
Electric energy.....	Bil. kWh	2,304	3,380	4,923	6,453	7,210	7,617	(NA)	(NA)
Energy (coal equivalent).....	Mil. sh. ton	4,745	5,962	7,881	9,054	9,891	10,081	10,536	(NA)
Coal.....	Mil. sh. ton	2,170	2,218	2,362	2,615	2,783	2,848	(NA)	(NA)
Lignite.....	Mil. sh. ton	700	816	874	951	996	1,017	(NA)	(NA)
Coke oven coke.....	Mil. sh. ton	274	346	388	404	402	395	414	(NA)
Crude petroleum ¹	Bil. bbl	7.7	11.1	15.7	19.5	21.8	22.0	22.8	(NA)
Iron ore.....	Mil. sh. ton	283	359	464	576	544	584	(NA)	(NA)
Nickel ore.....	1,000 sh. ton	371	483	727	821	874	880	(NA)	(NA)
Tin concentrate ²	1,000 sh. ton	153	171	204	194	208	219	(NA)	(NA)
Meat.....	Mil. sh. ton	68	77	93	108	113	115	(NA)	(NA)
Wheat flour ³	Mil. sh. ton	109	118	134	139	144	145	(NA)	(NA)
Sugar.....	Mil. sh. ton	58	72	80	90	99	99	97	94
Wine.....	Bil. gal	6	8	8	8	7	8	10	9
Beer.....	Bil. gal	11	13	17	21	20	21	(NA)	(NA)
Cigarettes ²	Billions	1,899	2,296	2,688	3,112	3,332	3,404	(NA)	(NA)
Noncellulosic fibers.....	1,000 sh. ton	772	2,260	5,368	8,223	9,998	10,769	(NA)	(NA)
Sawnwood.....	Bil. cu. ft.	12	13	14	14	16	16	16	(NA)
Woodpulp.....	Mil. sh. ton	65	87	115	114	93	97	103	(NA)
Newsprint.....	Mil. sh. ton	15	19	24	23	25	27	28	(NA)
Cement.....	Mil. sh. ton	349	477	626	766	860	912	(NA)	(NA)
Pig iron and ferroalloys.....	Mil. sh. ton	286	369	484	538	544	574	(NA)	(NA)
Crude steel.....	Mil. sh. ton	382	506	655	709	793	776	(NA)	(NA)
Magnesium.....	1,000 sh. ton	100	173	250	291	279	337	(NA)	(NA)
Tin ²	1,000 sh. ton	163	166	202	193	198	212	(NA)	(NA)
Merchant vessels, launched ³	Mil. gr. ton	8.4	12.2	21.7	35.9	24.2	15.4	11.8	13.9
Motor vehicles.....	Millions	16.5	24.3	29.3	33.0	40.6	42.0	(NA)	(NA)
External trade:									
Imports, c.i.f.....	Bil. U.S. dol.	135	197	329	902	1,161	1,346	1,682	2,047
Exports, f.o.b.....	Bil. U.S. dol.	128	187	314	874	1,125	1,301	1,643	1,988
Transport:									
Railway freight.....	Bil. sh. ton-mi.	2,286	2,873	3,438	4,104	4,386	4,512	4,530	(NA)
Merchant shipping, freight ³	Mil. sh. ton	1,224	1,849	2,833	3,500	3,830	(NA)	(NA)	(NA)
Civil aviation, miles flown ⁴	Millions	1,926	2,546	4,353	4,670	5,024	5,272	(NA)	(NA)

NA Not available. ¹ Source: Energy Information Administration, *International Energy Annual*, August 1980. ² Excludes People's Republic of China. Tin, tin concentrate, and merchant vessels exclude Soviet Union. For other exclusions, see source. ³ Freight loaded. ⁴ Scheduled services of members of International Civil Aviation Organization.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copyright.)

NO. 1540. WORLD POPULATION AND AREA, BY SIZE OF COUNTRY: 1970 AND 1979

[Covers only countries listed in table 1544. See headnote, table 1544]

POPULATION CLASS	1970						1979					
	Countries		Population		Area		Countries		Population		Area	
	Total number	Per cent of total	Total (mil.)	Per cent of total	Total (1,000 sq. mi.)	Per cent of total	Total number	Per cent of total	Total (mil.)	Per cent of total	Total (1,000 sq. mi.)	Per cent of total
Total	169	100.0	3,729	100.0	51,448	100.0	169	100.0	4,418	100.0	51,448	100.0
Under 1 million.....	44	26.0	14	.4	1,073	2.1	43	25.4	17	.4	1,066	2.1
1-5 million.....	48	28.4	135	3.6	5,755	11.2	39	23.1	113	2.6	4,221	8.2
5-10 million.....	26	15.4	190	5.1	4,293	8.3	31	18.3	220	5.0	4,889	9.5
10-25 million.....	25	14.8	388	10.4	14,051	27.3	27	16.0	441	10.0	12,551	24.4
25-50 million.....	11	6.5	367	9.8	2,852	5.6	13	7.7	476	10.8	5,171	10.1
Over 50 million.....	15	8.9	2,635	70.7	23,422	45.5	16	9.5	3,152	71.3	23,550	45.8

Source: Compiled from data in U.S. Bureau of the Census, *World Population: 1979—Recent Demographic Estimates for the Countries and Regions of the World, and Demographic Estimates for Countries With a Population of 10 Million or More: 1981*; and U.S. Department of State, *Status of the World's Nations*, biennial.

No. 1541. WORLD POPULATION AND GROWTH, BY CONTINENT AND REGION: 1950 TO 1981

[For explanation of "more developed" and "less developed" categories, see text, p. 863]

CONTINENT AND REGION	MIDYEAR POPULATION (millions)							ANNUAL RATE OF GROWTH ¹ (percent)				
	1950	1960	1965	1970	1975	1980	1981	1950- 1960	1960- 1965	1965- 1970	1970- 1975	1975- 1980
World total.....	2,532	3,062	3,360	3,730	4,115	4,498	4,577	1.9	1.9	2.1	2.0	1.8
More developed regions.....	832	945	1,002	1,049	1,096	1,136	1,144	1.3	1.2	.9	.9	.7
Less developed regions.....	1,699	2,116	2,358	2,681	3,019	3,361	3,433	2.2	2.2	2.6	2.4	2.1
Percent of world.....	67	69	70	72	73	75	75	(x)	(x)	(x)	(x)	(x)
Africa ²	221	277	314	358	409	470	484	2.3	2.5	2.6	2.7	2.8
Asia.....	1,396	1,715	1,892	2,141	2,396	2,641	2,691	2.1	2.0	2.5	2.3	1.9
More developed regions.....	84	94	99	104	112	117	118	1.2	1.0	1.1	1.3	.9
Less developed regions.....	1,312	1,621	1,793	2,036	2,284	2,524	2,574	2.1	2.0	2.6	2.3	2.0
East Asia ³	673	827	894	1,020	1,136	1,226	1,243	2.1	1.6	2.6	2.2	1.5
South Asia ⁴	722	888	998	1,121	1,260	1,415	1,448	2.1	2.3	2.3	2.3	2.3
Latin America ²	165	216	248	283	321	362	370	2.7	2.8	2.7	2.5	2.4
Middle America ²	36	49	57	67	78	90	92	3.0	3.2	3.2	3.1	2.8
Caribbean ²	17	20	23	25	28	30	31	2.0	2.2	1.9	2.1	1.8
South America ²	112	147	168	191	215	241	247	2.7	2.7	2.6	2.4	2.3
Northern America ³	166	189	214	226	239	252	254	1.8	1.5	1.1	1.1	1.0
Europe ⁴	392	425	444	460	474	484	487	.8	.9	.7	.6	.4
Soviet Union ⁴	180	214	231	243	254	266	268	1.7	1.5	1.0	.9	.8
Oceania.....	13	16	18	19	21	23	23	2.3	2.1	2.0	1.8	1.3
Australia and New Zealand ⁴	10	13	14	15	17	18	18	2.2	2.0	1.9	1.7	1.0
Less developed regions.....	2	3	3	4	4	5	5	2.6	2.7	2.6	2.5	2.4

X Not applicable. ¹ Computed by the exponential method. For explanation of average annual percent change, see Guide to Tabular Presentation. ² Less developed region. ³ For component countries, see table 1545. ⁴ More developed region.

Source: U.S. Bureau of the Census, *Demographic Estimates for Countries With a Population of 10 Million or More: 1981, 1981*.

No. 1542. WORLD POPULATION CHARACTERISTICS, 1975 AND 1980, AND PROJECTIONS TO 2000

[For explanation of "more developed" and "less developed" categories, see text, p. 863]

ITEM	Unit	1975	1980	1985	1990	1995	2000
World total.....	Millions.....	4,115	4,498	4,901	5,314	5,756	6,217
Population per sq. mi.....	Number.....	78	86	93	101	110	119
Males.....	Millions.....	2,063	2,257	2,461	2,671	2,897	3,130
Females.....	Millions.....	2,052	2,241	2,439	2,642	2,859	3,087
Under 5 years old.....	Percent.....	13.3	12.3	12.0	11.7	11.2	10.8
5 to 14 years old.....	Percent.....	23.3	22.7	21.6	20.7	20.4	19.9
15 to 64 years old.....	Percent.....	57.7	59.1	60.5	61.6	62.1	62.7
65 years old and over.....	Percent.....	5.7	5.9	5.8	6.0	6.3	6.6
Median age.....	Years.....	21.9	22.6	23.5	24.3	25.2	26.1
More developed regions.....	Millions.....	1,096	1,136	1,176	1,211	1,243	1,271
Less developed regions.....	Millions.....	3,019	3,361	3,725	4,102	4,513	4,946

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

No. 1543. WORLD VITAL STATISTICS AND LIFE EXPECTANCY: 1975 TO 2000

[Source of data presents 3 variants or series of projections: Medium, high, and low. Figures shown here are for the medium variant. Data shown are annual averages]

ITEM	Unit	1975- 1980	1980- 1985	1985- 1990	1990- 1995	1995- 2000
World growth rate.....	Percent.....	1.7	1.7	1.6	1.6	1.5
Crude birth rate ¹	Per 1,000 population.....	28.5	27.5	26.5	25.2	23.9
Crude death rate ¹	Per 1,000 population.....	11.3	10.6	10.1	9.5	9.0
Total fertility rate ²	Number.....	3.9	3.6	3.4	3.2	3.0
Life expectancy at birth, both sexes.....	Years.....	57.5	59.2	60.8	62.3	63.9
Male.....	Years.....	56.3	57.9	59.4	60.8	62.4
Female.....	Years.....	58.8	60.5	62.2	63.9	65.5

¹ See headnote, table 1546. ² Total fertility rate: Average number of children that would be born per woman if all women lived to the end of their childbearing years and, at each year of age, they experienced the birth rates occurring in the specified year.

Source: Population Division of the United Nations, New York, N.Y., *World Population Prospects as Assessed in 1980*, forthcoming, and unpublished data.

NO. 1544. POPULATION AND AREA, BY REGION AND COUNTRY

[Population data generally are de facto figures for the present territory. Population estimates were derived based on information available as of mid-1979 for countries under 10 million in 1981, and mid-1981 for other countries; no revisions were made to take account of later data. See table 1545 for country components of regions. See text, p. 864, for general comments concerning the data. For details of methodology, coverage, and reliability, see sources. Minus sign (-) denotes decrease]

COUNTRY AND STATUS OF DEVELOPMENT ^a	LATEST POPULATION CENSUS ¹		MIDYEAR POPULATION ESTIMATES				Population per sq. mile, 1981	AREA ² (sq. mile)
	Year	Number (1,000)	Number (1,000)			Average annual percent change, 1970-1981 ²		
			1970	1979	1981			
● = More developed ★ = Less developed								
World total.....	(X)	(X)	3,730,378	4,419,711	4,577,104	1.9	87	52,444,043
Africa.....	(X)	(X)	357,947	458,091	483,875	2.7	41	11,706,166
Northern America ⁴	(X)	(X)	226,463	248,864	254,360	1.1	31	8,306,946
Latin America.....	(X)	(X)	283,105	353,614	369,988	2.4	47	7,940,533
Middle America.....	(X)	(X)	66,869	87,873	92,412	2.9	96	963,706
Caribbean.....	(X)	(X)	25,037	29,874	30,970	1.9	337	91,892
South America.....	(X)	(X)	191,199	235,866	246,606	2.3	36	6,884,935
East Asia.....	(X)	(X)	1,019,611	1,208,942	1,243,293	1.8	274	4,538,992
South Asia.....	(X)	(X)	1,121,165	1,382,079	1,448,122	2.3	237	6,110,033
Europe.....	(X)	(X)	459,880	482,235	486,636	.5	255	1,906,176
Soviet Union.....	(X)	(X)	242,766	283,425	267,735	.9	31	8,649,489
Oceania.....	(X)	(X)	19,420	22,461	23,096	1.6	7	3,285,711
COUNTRIES								
● United States.....	1980	227,020	205,052	225,055	230,049	1.0	64	3,615,102
★ Afghanistan.....	1979	15,540	13,185	15,913	15,113	1.2	60	249,999
● Albania.....	1979	2,595	2,136	2,626	(NA)	* 2.3	* 237	11,100
★ Algeria.....	1977	16,260	13,932	18,258	19,422	3.0	21	919,590
★ Angola.....	1970	5,646	5,573	6,543	(NA)	* 1.8	* 14	481,351
★ Argentina.....	1980	27,863	23,758	27,226	28,130	1.5	26	1,068,296
● Australia.....	1976	13,548	12,660	14,422	14,817	1.4	5	2,967,892
★ Austria.....	1971	7,456	7,426	7,506	(NA)	* .1	* 232	32,374
★ Bahamas, The.....	1980	242	171	236	(NA)	* 3.6	* 44	5,380
★ Bahrain.....	1981	359	219	370	(NA)	* 5.8	* 1,542	240
★ Bangladesh.....	1981	87,052	69,700	86,128	90,680	2.4	1,631	55,596
★ Barbados.....	1980	249	239	279	(NA)	* 1.7	* 1,681	166
● Belgium.....	1970	9,651	9,656	9,849	(NA)	* .2	* 636	11,779
★ Belize.....	1980	145	122	152	(NA)	* 2.4	* 17	8,866
★ Benin.....	1979	3,343	2,653	3,379	(NA)	* 2.7	* 78	43,483
★ Bhutan.....	1969	1,035	1,048	1,273	(NA)	* 2.2	* 70	18,147
★ Bolivia.....	1976	4,613	4,140	5,213	(NA)	* 2.5	* 12	424,162
★ Botswana.....	1971	609	630	764	(NA)	* 2.1	* 3	231,804
★ Brazil.....	1980	118,025	95,684	119,175	124,815	2.4	38	3,286,470
● Bulgaria.....	1975	8,728	8,490	8,827	(NA)	* .4	* 206	42,823
★ Burma.....	1973	28,886	27,078	33,590	35,289	2.4	135	261,217
★ Burundi.....	1979	4,110	3,569	4,192	(NA)	* 1.7	* 390	10,747
★ Cameroon.....	1976	7,132	6,727	8,323	(NA)	* 2.4	* 45	183,568
● Canada.....	1976	22,993	21,324	23,690	24,190	1.1	6	3,851,777
★ Cape Verde.....	1980	289	269	328	(NA)	* 2.2	* 211	1,557
★ Central African Republic.....	1975	2,086	1,855	2,284	(NA)	* 2.3	* 9	240,534
★ Chad.....	1964	3,254	3,707	4,528	(NA)	* 2.2	* 9	495,752
★ Chile.....	1970	8,885	9,369	10,848	11,162	1.6	38	292,256
China:								
★ Mainland.....	1953	582,603	848,348	1,012,197	1,041,532	1.9	281	3,706,560
★ Taiwan.....	1980	18,032	14,598	17,459	18,125	2.0	1,455	12,456
★ Colombia.....	1973	21,147	21,430	24,592	25,217	1.5	57	439,735
★ Comoros.....	1980	408	270	359	(NA)	* 3.2	* 428	838
★ Congo.....	1974	1,300	1,183	1,508	(NA)	* 2.7	* 611	132,046
★ Costa Rica.....	1973	1,872	1,738	2,184	(NA)	* 2.6	* 112	19,575
★ Cuba.....	1981	9,708	8,551	9,824	(NA)	* 1.5	* 222	44,218
★ Cyprus.....	1976	613	615	621	(NA)	* .1	* 174	3,572
● Czechoslovakia.....	1980	15,277	14,319	15,182	15,312	.6	310	49,370
● Denmark.....	1976	5,072	4,929	5,118	(NA)	* .4	* 308	16,629
★ Djibouti.....	1970-71	164	160	386	(NA)	* 9.8	* 45	8,494
★ Dominican Republic.....	1970	4,009	4,343	5,551	(NA)	* 2.7	* 295	18,816
★ Ecuador.....	1974	6,522	5,956	7,763	(NA)	* 2.9	* 71	109,481
★ Egypt.....	1976	36,626	33,197	40,891	43,437	2.4	112	386,659
★ El Salvador.....	1971	3,555	3,582	4,662	(NA)	* 2.9	* 574	8,124
★ Equatorial Guinea.....	1960	246	291	244	(NA)	* 2.0	* 23	10,830
★ Ethiopia.....	(X)	(NA)	25,299	29,977	29,994	1.5	64	471,776
★ Fiji.....	1976	588	521	618	(NA)	* 1.9	* 88	7,055
● Finland.....	1975	4,718	4,606	4,764	(NA)	* .4	* 37	130,119
● France.....	1975	52,656	50,787	53,477	53,945	.5	255	211,207
★ Gabon.....	1980	1,232	493	637	(NA)	* 2.8	* 6	103,346

See footnotes at end of table.

No. 1544. POPULATION AND AREA, BY COUNTRY—Continued

[See headnote, p. 867]

COUNTRY AND STATUS OF DEVELOPMENT ● = More developed ★ = Less developed	LATEST POPULATION CENSUS ¹		MIDYEAR POPULATION ESTIMATES				Popu- lation per sq. mile, 1981	AREA ³ (sq. mile)
	Year	Number (1,000)	Number (1,000)			Average annual percent change, 1970- 1981 ²		
			1970	1979	1981			
★Gambia, The.....	1973	493	458	585	(NA)	⁵ 2.7	⁶ 134	4,361
●German Dem. Rep.....	1971	17,068	17,070	16,745	16,771	-.2	402	41,768
●Germany, Fed. Rep. of.....	1970	60,651	60,714	61,337	61,760	.2	643	95,976
★Ghana.....	1970	8,559	8,789	11,742	12,531	3.2	136	92,099
●Greece.....	1971	8,768	8,793	9,444	(NA)	⁵ .8	⁶ 185	50,944
★Grenada.....	1970	94	95	105	(NA)	⁵ 1.1	⁶ 789	133
★Guatemala.....	1973	5,160	5,262	6,849	(NA)	⁵ 2.9	⁶ 163	42,042
★Guinea.....	(x)	(NA)	4,069	5,275	(NA)	⁵ 2.9	⁶ 56	94,964
★Guinea-Bissau.....	1979	777	487	638	(NA)	⁵ 3.0	⁶ 46	13,948
★Guyana.....	1970	702	715	832	(NA)	⁵ 1.7	⁶ 10	83,000
★Haiti.....	1971	4,330	4,605	5,670	(NA)	⁵ 2.3	⁶ 529	10,714
★Honduras.....	1974	2,657	2,683	3,645	(NA)	⁵ 3.4	⁶ 84	43,277
●Hungary.....	1980	10,710	10,337	10,699	10,738	⁵ .3	299	35,919
●Iceland.....	R 1970	205	204	226	(NA)	⁵ 1.1	⁶ 6	39,768
★India ⁷	1981	684,025	553,619	677,028	707,836	2.2	558	1,269,338
★Indonesia.....	1980	147,490	122,671	148,085	154,339	2.1	197	782,658
★Iran.....	1976	33,709	28,933	37,647	39,958	2.9	63	636,293
★Iraq.....	1977	12,000	9,414	12,701	13,575	3.3	81	167,924
●Ireland.....	1979	3,368	2,950	3,365	(NA)	⁵ 1.5	⁶ 124	27,136
★Israel.....	1972	3,148	2,974	3,784	(NA)	⁵ 2.7	⁶ 472	8,019
★Italy.....	1971	54,137	53,661	56,888	57,173	.6	492	116,303
★Ivory Coast.....	1975	6,710	5,424	7,761	(NA)	⁵ 4.0	⁶ 82	124,503
★Jamaica.....	1970	1,849	1,944	2,215	(NA)	⁵ 1.5	⁶ 522	4,244
●Japan.....	1980	117,057	104,345	115,870	117,711	1.1	819	143,750
★Jordan.....	A 1961	1,711	2,262	3,189	(NA)	⁵ 3.8	⁶ 85	37,737
★Kampuchea.....	1982	5,729	7,060	5,767	(NA)	⁵ -2.2	⁶ 83	69,898
★Kenya.....	1979	15,322	11,256	15,778	17,116	3.8	76	224,960
★Korea, Dem. Peo. Rep. of.....	(x)	(NA)	13,892	17,473	18,317	2.5	392	46,768
★Korea, Republic of.....	1980	37,449	32,976	39,144	40,430	1.9	1,063	38,031
★Kuwait.....	1980	1,356	748	1,277	(NA)	⁵ 5.9	⁶ 186	6,680
★Laos.....	(x)	(NA)	2,962	3,440	(NA)	⁵ 1.7	⁶ 98	91,428
★Lebanon.....	S 1970	2,126	2,330	2,943	(NA)	⁵ 2.6	⁶ 733	4,015
★Lesotho.....	1976	1,214	1,066	1,305	(NA)	⁵ 2.2	⁶ 111	11,720
★Liberia.....	A 1974	1,503	1,335	1,788	(NA)	⁵ 3.2	⁶ 42	43,000
★Libya.....	1973	2,248	1,956	2,920	(NA)	⁵ 4.5	⁶ 4	679,358
●Luxembourg.....	1970	340	339	358	(NA)	⁵ .6	⁶ 359	998
★Madagascar.....	1975	7,569	6,759	8,349	(NA)	⁵ 2.3	⁶ 36	228,880
★Malawi.....	1977	5,562	4,450	5,892	(NA)	⁵ 3.1	⁶ 128	45,747
★Malaysia.....	1980	13,436	10,910	13,674	14,330	2.5	113	127,316
★Maldives.....	1978	143	115	150	(NA)	⁵ 3.0	⁶ 1,304	115
★Mali.....	1976	6,097	5,143	6,464	(NA)	⁵ 2.5	⁶ 14	478,764
●Malta.....	1967	316	326	347	(NA)	⁵ .7	⁶ 2,844	122
★Mauritania.....	1976	1,407	1,254	1,474	(NA)	⁵ 1.8	⁶ 4	397,953
★Mauritius.....	1972	851	830	941	(NA)	⁵ 1.4	⁶ 1,307	720
★Mexico.....	1980	67,406	50,078	66,140	69,608	3.0	91	761,600
★Mongolia.....	1979	1,595	1,248	1,616	(NA)	⁵ 2.9	⁶ 3	604,247
★Morocco.....	1971	15,379	15,909	20,368	21,590	2.8	125	172,413
★Mozambique.....	A 1980	12,130	9,442	11,839	12,356	2.4	41	302,328
★Nepal.....	1981	14,179	11,919	14,608	15,338	2.3	282	54,362
●Netherlands.....	1971	13,060	13,032	14,030	14,253	.8	904	15,770
●New Zealand.....	1976	3,129	2,811	3,107	(NA)	⁵ 1.1	⁶ 30	103,736
★Nicaragua.....	1971	1,878	1,908	2,365	(NA)	⁵ 2.4	⁶ 47	50,193
★Niger.....	1977	5,098	4,128	5,346	(NA)	⁵ 2.9	⁶ 11	489,189
★Nigeria.....	(x)	(NA)	56,346	74,595	79,682	3.2	223	355,667
●Norway.....	1970	3,874	3,877	4,074	(NA)	⁵ .6	⁶ 33	125,181
★Oman.....	(x)	(NA)	654	864	(NA)	⁵ 3.1	⁶ 11	82,030
★Pakistan ⁸	1981	83,782	65,706	84,063	90,439	2.9	291	310,402
★Panama.....	1980	1,820	1,497	1,876	(NA)	⁵ 2.5	⁶ 64	29,208
★Papua New Guinea.....	A 1971	2,490	2,418	3,067	(NA)	⁵ 2.6	⁶ 17	178,259
★Paraguay.....	1972	2,358	2,477	3,117	(NA)	⁵ 2.6	⁶ 20	157,047
★Peru.....	1981	17,031	13,461	17,149	18,119	2.7	37	495,222
★Philippines.....	1980	47,914	37,542	47,820	50,310	2.7	434	115,830
●Poland.....	1978	35,061	32,526	35,257	35,925	⁵ .9	298	120,699
●Portugal.....	1970	8,663	9,044	9,843	(NA)	⁵ .9	⁶ 277	35,553
★Qatar.....	1970	111	111	210	(NA)	⁵ 7.1	⁶ 49	4,247
●Romania.....	1977	21,560	20,253	22,048	22,381	.9	244	91,699
★Rwanda.....	1978	4,819	3,786	4,955	(NA)	⁵ 3.0	⁶ 487	10,169

See footnotes at end of table.

No. 1544. POPULATION AND AREA, BY COUNTRY—Continued

[See headnote, p. 867]

COUNTRY AND STATUS OF DEVELOPMENT	LATEST POPULATION CENSUS ¹		MIDYEAR POPULATION ESTIMATES				Average annual percent change, 1970-1981 ²	Population per sq. mile, 1981	AREA ³ (sq. mile)
	Year	Number (1,000)	Number (1,000)						
			1970	1979	1981				
● = More developed ★ = Less developed									
★ Saint Lucia.....	1980	116	103	121	(NA)	⁵ 1.8	⁶ 508	238	
★ Saint Vincent and the Grenadines.....	1970	87	88	111	(NA)	⁵ 2.6	⁶ 740	150	
★ Saudi Arabia.....	1974	7,013	6,174	9,292	(NA)	⁵ 4.5	⁶ 11	829,995	
★ Senegal.....	1976	4,907	4,385	5,532	(NA)	⁵ 2.6	⁶ 73	75,750	
★ Sierra Leone.....	1974	2,735	2,753	3,309	(NA)	⁵ 2.0	⁶ 119	27,699	
★ Singapore.....	1980	2,414	2,075	2,363	(NA)	⁵ 1.4	⁶ 10,549	224	
★ Solomon Islands.....	1976	197	183	222	(NA)	⁵ 3.4	⁶ 19	11,500	
★ Somalia.....	1975	3,494	2,806	3,474	(NA)	⁵ 2.4	⁶ 14	246,199	
★ South Africa.....	1980	25,083	22,465	27,967	29,313	2.4	62	471,442	
★ Soviet Union.....	1979	262,436	242,766	263,425	267,735	.9	31	8,649,489	
★ Spain.....	1970	33,956	33,876	37,108	37,711	1.0	193	194,896	
★ Sri Lanka.....	1981	14,850	12,532	14,610	15,172	1.7	599	25,332	
★ Sudan.....	1973	14,114	13,788	18,155	19,312	3.1	20	967,494	
★ Suriname.....	1980	352	373	404	(NA)	⁵ .9	⁶ 6	63,037	
★ Swaziland.....	1976	499	420	541	(NA)	⁵ 2.8	⁶ 81	6,704	
★ Sweden.....	1975	8,209	8,043	8,296	(NA)	⁵ .3	⁶ 48	173,731	
★ Switzerland.....	1970	6,270	6,267	6,343	(NA)	⁵ .1	⁶ 398	15,941	
★ Syria.....	1976	7,726	6,258	8,506	(NA)	⁵ 3.4	⁶ 119	71,498	
★ Tanzania.....	1978	17,528	13,446	18,018	19,233	3.3	53	363,947	
★ Thailand.....	1970	34,397	37,091	46,687	48,787	2.5	246	198,455	
★ Togo.....	1970	1,951	1,964	2,544	(NA)	⁵ 2.9	⁶ 118	21,622	
★ Trinidad and Tobago.....	1980	1,067	1,027	1,150	(NA)	⁵ 1.3	⁶ 581	1,980	
★ Tunisia.....	1975	5,572	5,085	6,312	(NA)	⁵ 2.4	⁶ 100	63,170	
★ Turkey.....	1980	45,218	35,743	44,561	46,673	2.4	155	301,380	
★ Uganda.....	1980	12,630	9,806	12,418	13,222	2.7	145	91,075	
★ United Arab Emirates.....	1975	558	225	871	(NA)	⁵ 15.0	⁶ 27	32,279	
★ United Kingdom.....	1971	55,515	55,522	55,946	56,020	.1	595	94,226	
★ Upper Volta.....	1975	5,337	5,465	6,661	(NA)	⁵ 2.2	⁶ 63	105,869	
★ Uruguay.....	1975	2,782	2,824	2,910	(NA)	⁵ .3	⁶ 43	68,037	
★ Vanuatu ⁵	1979	113	85	114	(NA)	⁵ 3.3	⁶ 20	5,700	
★ Venezuela.....	1971	10,722	10,962	16,574	17,913	4.5	51	352,143	
★ Vietnam.....	1979	52,742	42,984	52,426	55,053	2.2	493	127,242	
★ Western Samoa.....	1976	152	142	155	(NA)	⁵ 1.0	⁶ 141	1,097	
★ Yemen, Pco. Dem. Rep. of.....	1973	1,590	1,496	1,863	(NA)	⁵ 2.4	⁶ 14	128,559	
★ Yemen Arab Republic.....	1975	4,520	4,357	5,126	(NA)	⁵ 1.8	⁶ 68	75,290	
★ Yugoslavia.....	1971	20,523	20,371	22,160	22,545	.9	228	98,766	
★ Zaïre.....	1974	24,327	21,638	27,931	29,441	2.8	33	905,562	
★ Zambia.....	1980	5,680	4,251	5,649	(NA)	⁵ 3.2	⁶ 19	290,584	
★ Zimbabwe.....	1969	5,099	5,546	7,254	(NA)	⁵ 3.0	⁶ 48	151,000	
AREAS OF SPECIAL SOVEREIGNTY AND DEPENDENCIES									
★ Brunei.....	1971	136	128	213	(NA)	⁵ 5.7	⁶ 96	2,228	
★ Channel Islands.....	1971	123	122	130	(NA)	⁵ .7	⁶ 1,733	75	
★ French Polynesia.....	1977	137	116	144	(NA)	⁵ 2.4	⁶ 93	1,544	
★ Gaza Strip.....	1967	356	329	420	(NA)	⁵ 2.7	⁶ 2,877	148	
★ Guadeloupe.....	1974	325	320	312	(NA)	⁵ -.3	⁶ 455	686	
★ Hong Kong.....	1961	4,852	3,959	4,900	(NA)	⁵ 2.4	⁶ 12,312	398	
★ Macau.....	1970	249	245	282	(NA)	⁵ 1.6	⁶ 47,000	8	
★ Martinique.....	1974	325	325	310	(NA)	⁵ -.5	⁶ 719	431	
★ Namibia.....	1970	762	766	994	(NA)	⁵ 2.9	⁶ 3	318,261	
★ Netherlands Antilles.....	1971	218	218	240	(NA)	⁵ 1.1	⁶ 757	317	
★ New Caledonia.....	1976	133	111	136	(NA)	⁵ 2.3	⁶ 16	8,548	
★ Pacific Is., Tr. Terr. of.....	1973	115	102	131	(NA)	⁵ 2.8	⁶ 191	687	
★ Puerto Rico.....	1980	3,188	2,718	3,395	(NA)	⁵ 2.5	⁶ 988	3,435	
★ Reunion.....	1974	477	445	503	(NA)	⁵ 1.4	⁶ 519	970	

NA Not available. X Not applicable. ¹ For countries in which no recent census has been taken, survey or national registry data (identified respectively as "S" and "R") are shown. For countries in which the unadjusted census returns are not reported, adjusted census returns (identified as "A") are shown. ² Computed by the exponential method. For explanation of average annual percent change, see Guide to Tabular Presentation. ³ Includes inland waters. Source: U.S. Department of State, *Status of the World's Nations*, biennial. ⁴ Includes Bermuda, Canada, Greenland, St. Pierre and Miquelon, and United States. ⁵ 1970-1979. ⁶ 1979 data. ⁷ Includes the Indian-held part of Jammu and Kashmir. ⁸ Excludes the Pakistani-held part of Jammu and Kashmir. ⁹ Formerly New Hebrides.

Source: Except as noted, U.S. Bureau of the Census, *World Population 1979—Recent Demographic Estimates for the Countries and Regions of the World; Demographic Estimates for Countries With a Population of 10 Million or More: 1981*, and unpublished data.

NO. 1545. POPULATION PROJECTIONS, BY REGION AND FOR SELECTED COUNTRIES: 1980 TO 2025

(In millions. Source of data presents 3 series of projections. Figures shown here are for medium series)

REGION AND COUNTRY	1980	1985	2000	2025	REGION AND COUNTRY	1980	1985	2000	2025
World, total.....	4,432.1	4,826.3	6,118.9	8,195.1	East Asia ²	1,174.9	1,250.1	1,474.7	1,712.1
More developed ¹	1,131.3	1,170.2	1,272.2	1,378.8	China: Mainland.....	994.9	1,060.1	1,257.3	1,469.3
Less developed ¹	3,300.8	3,656.2	4,846.7	6,816.3	Hong Kong.....	5.1	5.7	7.0	7.9
Africa.....	470.0	546.2	852.9	1,541.7	Japan.....	116.8	120.2	129.3	131.5
Eastern Africa ²	133.5	155.8	250.0	477.9	Korea, Dem. Peo. Rep. of.....	17.9	20.1	27.3	37.6
Burundi.....	4.2	4.8	7.2	13.3	Korea, Rep. of.....	38.5	41.8	50.8	61.5
Ethiopia.....	31.5	35.6	54.7	93.6	South Asia.....	1,403.7	1,564.7	2,074.8	2,819.3
Kenya.....	16.5	20.2	37.1	82.3	Eastern So. Asia ²	361.2	400.2	520.4	688.5
Madagascar.....	8.7	10.0	15.2	28.4	Burma.....	35.3	39.9	55.1	81.6
Malawi.....	8.2	7.3	12.0	23.0	Indonesia.....	148.0	160.7	198.7	245.9
Mozambique.....	10.5	12.0	18.7	36.3	Kampuchea.....	6.7	7.6	10.6	14.1
Rwanda.....	4.8	5.6	9.3	19.6	Laos.....	3.7	4.2	5.7	8.2
Somalia.....	4.6	5.6	7.2	13.4	Malaysia.....	14.1	15.8	21.3	28.6
Uganda.....	13.2	15.5	25.4	51.9	Philippines.....	49.2	56.0	77.0	107.7
Tanzania.....	17.9	21.1	34.0	69.6	Singapore.....	2.4	2.6	3.0	3.3
Zambia.....	5.8	6.8	11.3	21.8	Thailand.....	47.1	52.5	68.6	90.1
Zimbabwe.....	7.4	8.8	14.7	28.4	Vietnam.....	53.7	60.0	78.9	105.7
Middle Africa ²	53.1	60.7	91.4	162.2	Middle So. Asia ²	944.1	1,050.9	1,386.3	1,867.0
Angola.....	7.1	8.1	12.4	23.6	Afghanistan.....	15.9	18.1	26.5	42.1
Cameroon.....	8.4	9.6	13.9	23.4	Bangladesh.....	88.2	101.4	148.4	221.8
Cen. African Rep.....	2.3	2.6	3.9	7.4	India.....	684.5	752.9	960.6	1,233.8
Chad.....	4.5	5.0	7.1	12.2	Iran.....	38.1	44.4	64.9	99.4
Zaire.....	28.3	32.6	50.0	87.9	Nepal.....	14.3	16.0	22.5	33.6
Northern Africa ²	109.0	125.8	186.2	295.9	Pakistan.....	86.9	100.0	140.0	206.0
Algeria.....	18.9	22.6	37.0	62.9	Sri Lanka.....	14.8	16.4	21.1	26.8
Egypt.....	42.0	47.2	64.4	94.9	Western So. Asia ²	98.4	113.6	168.1	263.8
Libya.....	3.0	3.6	6.1	10.9	Iraq.....	13.1	15.5	24.2	40.4
Morocco.....	20.3	23.9	36.5	59.3	Israel.....	3.9	4.4	5.6	7.5
Sudan.....	18.4	21.2	32.3	54.4	Jordan.....	3.2	3.9	6.5	11.2
Tunisia.....	6.4	7.2	9.8	13.1	Lebanon.....	2.7	3.0	4.0	5.6
Southern Africa ²	33.0	38.1	58.0	100.6	Saudi Arabia.....	9.0	10.9	17.8	31.0
South Africa.....	29.3	33.8	51.3	88.3	Syria.....	9.0	10.9	18.7	32.7
Western Africa ²	141.4	165.7	267.3	505.1	Turkey.....	45.3	51.1	70.0	100.4
Benin.....	3.5	4.1	6.8	13.9	Yemen Arab Rep.....	5.8	6.5	9.8	16.3
Ghana.....	11.7	13.8	22.3	42.0	Europe (excl. Soviet Union).....	483.7	491.9	512.0	522.2
Guinea.....	5.0	5.7	8.8	16.8	Eastern Europe.....	110.0	113.4	121.4	130.7
Ivory Coast.....	8.0	9.4	14.8	26.7	Bulgaria.....	9.0	9.2	9.7	10.1
Mali.....	6.9	8.0	12.6	25.0	Czechoslovakia.....	15.3	15.7	16.8	18.5
Niger.....	5.3	6.2	10.0	20.5	German Dem. Rep.....	16.9	16.9	16.9	16.4
Nigeria.....	77.1	91.2	150.0	285.5	Hungary.....	10.8	10.9	11.0	10.9
Senegal.....	5.7	6.5	9.7	16.8	Poland.....	35.8	37.6	41.2	45.7
Togo.....	2.6	3.1	4.8	8.9	Romania.....	22.3	23.2	25.7	29.0
Upper Volta.....	6.9	7.9	11.9	20.5	Northern Europe ²	82.0	82.2	82.6	81.3
Latin America.....	363.7	409.7	565.7	855.2	Denmark.....	5.1	5.2	5.2	5.1
Caribbean ²	30.6	33.6	43.3	61.9	Finland.....	4.9	5.0	5.1	4.8
Cuba.....	9.7	10.0	11.7	13.6	Ireland.....	3.3	3.5	4.1	5.0
Dominican Rep.....	5.9	6.7	9.3	14.5	Norway.....	4.1	4.1	4.3	4.4
Haiti.....	5.8	6.6	9.9	18.3	Sweden.....	8.3	8.3	8.1	7.6
Middle America ²	92.5	106.8	155.7	242.9	United Kingdom.....	55.9	55.6	55.2	53.7
El Salvador.....	4.8	5.6	8.7	15.0	Southern Europe ²	139.0	143.3	153.6	160.6
Guatemala.....	7.3	8.4	12.7	21.7	Albania.....	2.7	3.0	3.9	5.0
Honduras.....	3.7	4.4	7.0	13.3	Greece.....	9.3	9.6	10.4	11.2
Mexico.....	69.8	80.5	115.7	174.0	Italy.....	56.9	57.8	59.1	57.0
Nicaragua.....	2.7	3.2	5.2	9.8	Portugal.....	9.8	10.2	11.2	12.3
Temperate South America ²	41.1	43.8	51.6	61.9	Spain.....	37.4	39.0	43.4	48.3
Argentina.....	27.0	28.7	33.2	39.1	Yugoslavia.....	22.3	23.0	25.2	26.3
Chile.....	11.1	12.1	14.9	18.8	Western Europe ²	152.7	153.0	154.5	149.6
Uruguay.....	2.9	3.0	3.4	4.1	Austria.....	7.5	7.5	7.4	7.1
Tropical South America ²	199.5	225.5	315.1	496.5	Belgium.....	9.8	9.9	10.0	9.7
Bolivia.....	5.6	6.4	9.7	19.5	France.....	53.5	54.3	56.3	57.1
Brazil.....	122.3	137.2	187.5	291.3	Germany, Fed. Rep. of.....	60.9	60.1	58.8	54.0
Colombia.....	25.8	28.7	38.0	51.7	Netherlands.....	14.1	14.4	15.2	15.2
Ecuador.....	8.0	9.4	14.6	25.7	Switzerland.....	6.5	6.5	6.5	6.0
Paraguay.....	3.2	3.7	5.4	8.6	Soviet Union.....	285.5	278.2	310.2	355.0
Peru.....	17.8	20.3	30.7	56.0	Oceania ²	22.8	24.5	29.7	36.1
Venezuela.....	15.6	18.4	27.2	42.8	Australia.....	14.5	15.3	17.8	19.9
Northern America ²	247.8	261.0	298.8	343.5	New Zealand.....	3.3	3.5	4.0	4.7
Canada.....	24.5	26.4	34.8	37.5	Papua New Guinea.....	3.2	3.6	5.2	6.0
United States.....	223.2	234.5	263.8	305.8					

¹ Regions. ² Includes countries not shown separately.

Source: Population Division of the United Nations, New York, N.Y., *World Population Prospects as Assessed in 1980*, forthcoming.

**NO. 1546. POPULATION UNDER AGE 15, GROWTH, BIRTH, DEATH, AND INFANT MORTALITY RATES,
AND LIFE EXPECTANCY—SELECTED COUNTRIES**

[Covers countries with 10 million or more population in 1981. **Growth rate:** Annual increase (or decrease) to the population resulting from a surplus or deficit of births over deaths and a surplus or deficit of migrants into or out of the country, expressed as a percentage of the base population. **Crude birth rate:** Number of births during 1 year per 1,000 persons (based on midyear population). **Crude death rate:** Number of deaths during 1 year per 1,000 persons (based on midyear population). **Infant mortality rate:** Number of deaths of children under 1 year of age per 1,000 live births in a calendar year. **Life expectancy at birth:** Number of years to be lived by persons born in a certain year if mortality rates for each age group remain constant in the future. Minus sign (—) denotes decrease.]

COUNTRY	POPULATION UNDER 15 YEARS OLD		Growth rate of population, 1981 (percent)	Crude birth rate, 1981	Crude death rate, 1981	INFANT MORTALITY		EXPECTATION OF LIFE AT BIRTH	
	Year or period	Per- cent of total popu- lation				Year or period	Rate	Year or period	Both sexes (yr.)
United States.....	1980	23	1.0	16	9	1980	12	1978	73
Afghanistan.....	1972-73	45	-1.2 to -.3	50-53	28-32	1972-73	217-235	1972-73	35-39
Algeria.....	1977	48	2.9-3.3	42-47	13-14	1977	127	1977	55
Argentina.....	1970	29	1.6	25	9	1978	41	1969-70	65
Australia.....	1978	26	1.4	15	7	1979	11	1979	74
Bangladesh.....	1974	46	2.5-2.7	43-47	17-19	1969-74	153	1969-74	46
Brazil.....	1970	44	2.2-2.4	30-32	8	1974-75	84	1974-75	60
Burma.....	1973	40	2.2-2.5	36-39	13-14	(X)	(NA)	(X)	(NA)
Canada.....	1977	25	1.0	15	7	1978	12	1971	73
Chile.....	1970	38	1.4	22	7	1979	40	1969-70	62
China:									
Mainland.....	1953	36	1.2-1.6	19-25	7-9	(X)	(NA)	(X)	(NA)
Taiwan.....	1975	36	1.8	23	5	1979	24	1979	71
Colombia.....	1978	42	1.6	28	8	1973	77	1973	59
Czechoslovakia.....	1980	24	-3.5	15-17	12	1980	18	1979	71
Egypt.....	1976	40	2.9-3.0	41-42	12	1975	92	1975	54
Ethiopia.....	1971	45	.9-2.3	42-52	20-26	1964-71	155-200	1964-71	36-44
France.....	1980	22	.4	14	10	1979	10	1979	73
German Dem. Rep.....	1979	20	.1-2	14-16	14	1979	13	1977	72
Germany, Fed. Rep. of.....	1978	20	.1	10	12	1979	14	1976-78	72
Ghana.....	1970	46	3.1-3.5	43-47	12-13	1970	115	1970	49
Hungary.....	1979	21	.1-2	14-15	13	1979	24	1979	70
India.....	1971	41	1.9-2.2	33-35	13-14	1973-78	125	1969	47
Indonesia.....	1976	43	2.0-2.2	34-35	13-14	1975	114	1975	46
Iran.....	1976	45	3.0-3.2	42-44	12	1973-76	112	1973-76	58
Iraq.....	1977	49	3.3-3.4	46-48	12-14	(X)	(NA)	(X)	(NA)
Italy.....	1980	22	.2	11	10	1979	15	1974-77	73
Japan.....	1980	24	.7	14	6	1979	8	1978	76
Kenya.....	1969	48	4.0-4.1	52-54	12	1977	83	1977	53
Korea, Dem. Peo. Rep. of.....	(X)	(NA)	2.2-2.6	30-33	7-8	(X)	(NA)	(X)	(NA)
Korea, Rep. of.....	1975	39	1.4-1.8	21-24	6	1970	47	1970	64
Malaysia.....	1970	45	2.2-2.4	29-32	7	1978	29	1970	60
Mexico.....	1976	46	2.4-2.6	30-33	6	1972-74	70	1969-71	60
Morocco.....	1971	46	2.8-3.0	41-44	12-13	1972	162	1972	51
Mozambique.....	1970	45	2.3-3.0	42-47	17-18	(X)	(NA)	(X)	(NA)
Nepal.....	1976	39	2.3-2.5	42-44	18-19	1974-76	133	1974-76	43
Netherlands.....	1978	24	.7	13	8	1979	9	1978	75
Nigeria.....	1953	44	3.0-3.4	47-51	17-18	1965-66	178	1970-73	37
Pakistan.....	1975	44	3.1-3.3	43-45	16	1971	142	1962-65	48
Peru.....	1972	44	2.5-2.8	36-39	11	1970-75	114	1970-75	55
Philippines.....	1975	44	2.4-2.6	33-35	7-8	1976	66	1975	61
Poland.....	1979	24	.9-1.1	18-20	9	1979	21	1975-76	71
Romania.....	1979	26	.6-8	16-18	10	1979	32	1976-78	70
South Africa.....	1970	42	2.3-2.5	35-37	11-12	1970	93-101	1965-70	57
Soviet Union.....	1979	24	.7-9	18-20	10	1975	31	1973-74	70
Spain.....	1976	27	.8	16	8	1979	13	1975	73
Sri Lanka.....	1971	39	1.8-1.9	28-29	6-7	1978	38	1970-72	64
Sudan.....	1973	43	2.8-3.5	45-49	17	1968-73	140-144	1968-73	45-47
Tanzania.....	1978	46	3.1-3.3	44-49	13-16	1973	120-130	1973	45-49
Thailand.....	1970	44	2.0-2.3	26-30	6-8	1974-75	76	1974-75	61
Turkey.....	1975	40	2.2-2.3	32-34	10-11	1972-77	134	1974-75	57
Uganda.....	1969	46	3.0-3.5	46-50	15-18	1969	120	1969	46
United Kingdom.....	1978	22	.1	13	12	1979	13	1976-78	73
Venezuela.....	1971	45	3.4-3.8	31-36	5	1971	54	1971	63
Yugoslavia.....	1979	25	.7-9	16-18	9	1979	32	1977	70
Zaire.....	1955-58	39-42	2.4-3.0	43-46	15-19	1955-57	165-177	1955-57	37-40

NA Not available. X Not applicable.

Source: U.S. Bureau of the Census, *Demographic Estimates for Countries With a Population of 10 Million or More: 1981, 1981.*

NO. 1547. ESTIMATED NET MIGRATION FOR SELECTED COUNTRIES OF NORTH AMERICA, EUROPE, AND OCEANIA: 1950 TO 1974

[Except as noted, net migration was calculated by subtracting natural increase (number of births minus number of deaths) from total population change during the period. Minus sign (-) denotes net out-migration]

COUNTRY	NUMBER (1,000)			AVERAGE ANNUAL RATE PER 1,000 POPULATION		
	1950-1960	1960-1970	1970-1974	1950-1960	1960-1970	1970-1974
United States.....	2,981	3,932	1,406	1.8	2.0	1.7
Australia.....	831	881	238	9.0	7.7	4.6
Austria.....	-141	38	67	-2.0	.5	2.2
Belgium.....	59	152	67	.7	1.6	1.7
Bulgaria.....	-163	-15	-32	-2.2	-.2	-.9
Canada.....	1,105	697	389	6.9	3.6	4.4
Czechoslovakia.....	-	-174	-9	-	-1.2	-.2
Denmark.....	-52	20	22	-1.2	.4	1.1
Finland.....	-73	-164	13	-1.7	-3.6	.7
France.....	1,080	2,177	505	2.5	4.5	2.4
German Dem. Rep.....	-2,056	-433	-21	-11.6	-2.5	-.3
Germany, Fed. Rep. of.....	2,546	2,047	1,439	4.8	3.5	5.9
Greece.....	-196	-364	-91	-2.5	-4.3	-2.6
Hungary.....	-164	9	-	-1.7	.1	-
Ireland.....	-397	-161	-12	-13.7	-5.6	-1.0
Italy.....	-1,166	-792	-44	-2.4	-1.5	(-2)
Netherlands.....	-142	92	104	-1.3	.8	2.0
New Zealand.....	102	43	65	4.8	1.7	5.6
Norway.....	-14	4	12	-.4	.1	.8
Poland.....	-220	-306	-57	-.8	-1.0	-.4
Portugal.....	-662	-1,234	-273	-7.7	-14.0	-7.8
Romania.....	-138	-112	-39	-.8	-.6	-.2
Spain.....	-826	-551	-316	-2.8	-1.7	-2.3
Sweden.....	93	204	7	1.3	2.6	.2
Switzerland.....	296	398	37	5.9	6.8	1.5
United Kingdom.....	-57	-181	-125	-.2	-.3	-.6
Yugoslavia.....	-582	-700	-350	-3.3	-3.6	-4.3

- Represents zero. Z Less than .05.

Source: United Nations, Dept. of Economic and Social Affairs, New York, N.Y., *World Population Trends and Policies, 1977 Monitoring Report*, vol. 1, 1979.

NO. 1548. ILLITERATE POPULATION 15 YEARS OLD AND OVER, BY REGION: 1970 AND PROJECTIONS TO 1980 AND 1990

[In millions, except percent. Illiteracy is defined as the inability both to read and write. See text, p. 864, for general comments concerning the data. See table 1545 for country components of regions]

REGION	1970			1980			1990		
	Total adults	Illiterate adults		Total adults	Illiterate adults		Total adults	Illiterate adults	
		Num-ber	Per-cent		Num-ber	Per-cent		Num-ber	Per-cent
World ^{1 2}	1,753	569	32.5	2,165	627	28.9	2,660	683	25.7
Africa.....	197	139	70.6	257	158	60.6	341	168	49.1
Latin America.....	162	46	28.1	218	44	20.3	291	40	13.7
Northern America.....	162	2	1.0	190	1	.5	207	1	.5
East Asia ¹	101	3	3.4	118	3	2.4	135	2	1.8
South Asia ²	600	358	59.6	789	402	51.0	1,048	451	43.0
Europe.....	345	15	4.3	375	12	3.1	398	10	2.5
Soviet Union.....	173	1	.5	203	1	.5	220	1	.5
Oceania.....	13	1	9.9	16	1	6.3	18	2	8.3

¹ Excludes People's Republic of China and Democratic People's Republic of Korea. ² Excludes Vietnam.

Source: United Nations Educational, Scientific, and Cultural Organization, Paris, France, *Estimates and Projections of Illiteracy*, CSR-E-29, 1978.

NO. 1549. EDUCATION AND ILLITERACY, BY COUNTRY

[Teachers and students: Data cover both public and private schools for school year beginning in year stated and exclude schools and classes organized for adults or handicapped children. Expenditure: Include both capital and current expenditures on public education and subsidized private education converted to U.S. dollars at end of period exchange rates then in effect. For all communist countries except Bulgaria, German Democratic Republic, and Romania, non-commercial rates were used. Illiteracy: Defined as inability both to read and write in any, or a specified, language. See text, p. 864, for general comments concerning the data. For additional qualifications for individual countries, see source.]

COUNTRY	Year	1ST LEVEL ¹		2D LEVEL ²		PUBLIC EXPENDITURE FOR EDUCATION				Illiterate population, 1980: Percent of population, 15 years old and over
		Teachers (1,000)	Students enrolled (1,000)	Teachers (1,000)	Students enrolled (1,000)	Year	Total (mil. dol.)	Percent of—		
								Total public expenditure	Gross national product	
United States.....	1977	^a 1,330	^a 25,652	^a 1,130	^a 20,342	1977	120,700	17.7	6.3	.5
Afghanistan.....	1979	33	1,006	6	133	1978	59	13.7	1.7	88.7
Algeria.....	1979	85	3,061	37	933	1979	^a 1,180	^a 12.3	^a 3.8	58.2
Angola.....	1972	13	516	5	79	1972	^a 48	^a 11.9	^a 2.2	(NA)
Argentina.....	1977	199	3,680	^a 173	^a 1,293	1978	1,751	10.9	2.7	6.7
Australia.....	1979	^a 91	^a 1,681	85	1,098	1977	6,402	16.2	6.5	.5
Austria.....	1979	26	421	60	726	1978	3,280	8.0	5.7	.5
Bangladesh.....	1979	188	8,219	112	2,764	1978	159	10.1	2.2	58.6
Belgium.....	1979	44	^a 862	^a 71	^a 839	1978	^a 5,788	^a 16.7	^a 6.0	.5
Brazil.....	1977	897	20,567	168	2,438	1979	7,479	(NA)	3.8	24.5
Bulgaria.....	1979	51	976	26	321	1978	1,043	(NA)	^a 5.6	5.6
Burma.....	1977	68	3,711	24	886	1977	68	12.2	1.7	30.3
Cameroon.....	1978	25	1,254	8	199	1978	117	16.0	2.9	44.8
Canada.....	1979	^a 11 256	2,206	^a 12 15 97	^a 10 2,388	1978	16,153	18.5	8.1	.5
Chile.....	1979	86	2,236	27	536	1978	491	(NA)	3.2	7.5
China: Mainland.....	1978	(NA)	146,240	(NA)	65,483	(X)	(NA)	(NA)	(NA)	(NA)
Colombia.....	1979	139	4,338	86	1,879	1978	^a 513	^a 19.9	^a 2.3	13.7
Cuba.....	1979	87	1,550	^a 10 62	1,009	1978	1,476	(NA)	(NA)	(NA)
Czechoslovakia.....	1979	90	1,875	28	376	1978	1,892	7.5	^a 4.9	(NA)
Ecuador.....	1979	^a 14 40	^a 14 1,428	^a 14 31	^a 14 535	1978	^a 261	^a 25.2	^a 3.6	18.7
Egypt.....	1979	137	4,435	112	2,593	1978	1,112	(NA)	4.1	45.7
Ethiopia.....	1979	31	1,811	^a 10 9	^a 13 371	1978	^a 15 69	(NA)	^a 15 2.0	95.2
France.....	1979	232	4,651	365	5,008	1978	25,301	(NA)	5.3	.5
German Dem. Rep.....	1979	^a 11 169	2,314	^a 16 16	509	1978	^a 5,020	(NA)	^a 5 0.8	(NA)
Germany, Fed. Rep. of.....	1979	273	5,354	287	4,243	1979	34,699	(NA)	4.6	.5
Ghana.....	1978	^a 17 48	^a 17 1,295	32	614	1978	^a 15 323	(NA)	^a 15 2.5	55.2
Greece.....	1978	^a 14 36	^a 14 923	^a 10 14 27	^a 14 710	1978	^a 764	(NA)	^a 5 2.4	12.0
Guatemala.....	1980	^a 18 22	803	^a 14 18 8	^a 14 173	1976	73	13.2	1.7	47.3
Hungary.....	1979	73	1,128	^a 6 24	199	1978	1,421	4.2	4.0	.7
India.....	1977	1,354	69,750	^a 13 1,506	^a 10 25,441	1977	2,923	9.9	2.9	59.7
Indonesia.....	1978	^a 20 592	22,025	^a 10 171	4,488	1978	954	8.7	2.0	33.1
Iran.....	1977	155	5,021	^a 19 95	^a 19 2,257	1977	^a 4,272	(NA)	^a 5 5.7	53.4
Iraq.....	1979	93	2,609	33	970	1978	^a 847	^a 13.5	^a 5 3.7	58.6
Italy.....	1979	^a 6 269	4,518	^a 6 494	5,289	1978	11,959	9.8	4.6	5.2
Ivory Coast.....	1978	22	869	^a 13 4	^a 10 147	1978	534	22.7	7.2	58.8
Japan.....	1979	^a 462	^a 11,629	^a 541	^a 9,481	1978	55,563	16.1	5.7	.5
Kenya.....	1978	^a 21 90	3,232	^a 21 13	^a 19 376	1978	295	15.1	5.5	50.4
Korea, Dem. Peo. Rep. of.....	1976	(NA)	2,562	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)
Korea, Rep. of.....	1980	119	5,658	^a 13 82	4,285	1979	1,626	17.4	2.7	7.3
Madagascar.....	1978	24	1,311	^a 10 22 5	^a 13 22 132	1977	136	24.3	7.7	(NA)
Malaysia.....	1980	^a 33 61	^a 23 1,661	^a 23 43	^a 23 943	1977	708	(NA)	(NA)	27.9
Mali.....	1978	7	293	^a 10 22 3	^a 10 21 67	1978	44	30.5	5.3	89.9
Mexico.....	1979	354	14,283	251	4,285	1979	6,103	(NA)	5.2	16.1
Morocco.....	1979	54	2,052	^a 13 34	^a 0 662	1979	^a 5 657	(NA)	^a 4 5 4.3	74.4
Mozambique.....	1979	^a 12 7	1,495	^a 12 3	105	(NA)	(NA)	(NA)	(NA)	72.5
Nepal.....	1979	26	1,013	15	449	1979	29	8.3	1.6	82.7
Netherlands.....	1979	57	1,380	^a 13 22 48	1,385	1978	11,054	(NA)	8.5	.5
Nigeria.....	1977	^a 12 103	9,485	^a 12 17	^a 24 999	1979	2,574	16.2	4.3	70.1

Footnotes at end of table.

NO. 1549. EDUCATION AND ILLITERACY, BY COUNTRY—Continued

(See headnote, p. 873)

COUNTRY	Year	1ST LEVEL ¹		2D LEVEL ²		PUBLIC EXPENDITURES FOR EDUCATION				Illiterate population, 1980: Percent of population, 15 years old and over
		Teachers (1,000)	Students enrolled (1,000)	Teachers (1,000)	Students enrolled (1,000)	Year	Total (mil. dol.)	Percent of—		
								Total public expenditures	Gross national product	
Pakistan.....	1978	155	6,564	126	2,155	1979	419	5.1	2.0	67.5
Peru.....	1978	78	3,128	37	1,090	1979	271	10.5	2.1	18.5
Philippines.....	1979	¹⁷ 252	8,113	²¹ 80	2,918	1979	578	(NA)	2.0	11.3
Poland.....	1979	205	4,113	143	1,715	1979	⁵ 2,157	⁵ 7.3	⁵ 3.3	.6
Portugal.....	1977	64	1,220	22	500	1977	⁸ 638	⁸ (NA)	⁸ 3.7	19.9
Romania.....	1979	154	3,122	53	924	1979	1,081	(NA)	²⁵ 3.9	4.0
Saudi Arabia.....	1979	47	858	26	327	1979	4,841	10.2	7.8	83.8
South Africa.....	1972	¹¹ 120	¹¹ 4,653	(NA)	(NA)	1976	1,435	15.0	4.3	20.7
Soviet Union.....	1979	¹¹ 2,325	33,576	²⁰ 231	10,217	1978	47,431	12.0	²⁴ 7.4	.5
Spain.....	1977	203	3,602	¹⁶ 38	3,502	1976	2,302	16.8	2.1	7.2
Sri Lanka.....	1979	⁶ ¹⁷ 61	¹⁷ 1,976	¹³ ¹⁷ 59	¹³ ¹⁷ 1,160	1978	80	5.9	2.2	(NA)
Sudan.....	1979	42	1,428	17	358	1978	361	15.7	6.3	78.4
Sweden.....	1979	²¹ 39	677	²¹ 62	591	1978	7,850	13.1	9.1	.5
Switzerland.....	1979	(NA)	³ 506	(NA)	¹³ ²⁷ 426	1978	4,470	18.7	5.1	.5
Syria.....	1979	50	1,481	31	589	1978	456	9.8	5.8	45.0
Tanzania.....	1980	²⁸ ²⁹ 81	²⁸ 3,360	¹⁸ 4	¹⁸ 79	1979	276	11.3	6.4	52.5
Thailand.....	1977	¹⁷ ³⁰ 241	6,956	¹⁹ 47	¹⁹ 1,147	1979	871	19.3	3.2	14.2
Turkey.....	1976	187	5,571	91	2,075	1978	190	(NA)	3.6	34.8
Uganda.....	1979	²⁹ 36	²⁹ 1,224	²⁹ 4	²⁹ 78	1977	106	(NA)	1.8	52.1
United Kingdom.....	1978	275	5,327	¹³ 327	5,381	1976	14,177	14.3	6.3	.5
Upper Volta.....	1979	3	185	⁶ ¹³ (2)	25	1978	26	19.3	3.0	95.4
Venezuela.....	1979	⁶ 82	2,456	⁶ 47	820	1978	1,995	8.2	5.1	17.7
Vietnam.....	1979	217	7,923	²⁴ 128	²⁴ 3,201	(X)	(NA)	(NA)	(NA)	(NA)
Yugoslavia.....	1979	59	1,423	129	2,414	1978	2,977	(NA)	5.3	13.0
Zaire.....	1977	¹² 73	3,319	(NA)	644	1979	⁵ 363	⁵ 25.8	⁵ 5.0	42.1
Zimbabwe.....	1976	22	883	¹³ 4	81	1979	⁵ 174	⁵ 12.0	⁵ 5.0	29.2

NA Not available. X Not applicable. Z Fewer than 500. ¹ Schools providing basic instruction in the tools of learning; length of this education may vary from 4 to 9 years among countries. Excludes nursery school and kindergarten. ² Middle, secondary, or high schools providing general or specialized instruction more advanced than primary level. ³ Includes special education. ⁴ Ministry of Education expenditure for 1st and 2d level. ⁵ Current expenditures only. ⁶ 1978 data. ⁷ Includes preprimary classes, special education, and correspondence courses. ⁸ Expenditures of the Ministry of Education only. ⁹ Percent of net material product. ¹⁰ 1976 data. ¹¹ Includes general education at the 2d level. ¹² 1970 data. ¹³ General education only. ¹⁴ Includes evening schools. ¹⁵ Excludes expenditures on universities. ¹⁶ Vocational education only. ¹⁷ Covers public education only. ¹⁸ 1979 data. ¹⁹ General education and teacher training. ²⁰ Excludes religious schools. ²¹ 1977 data. ²² 1975 data. ²³ Covers West Malaysia only. ²⁴ 1976 data. ²⁵ Percentage of gross material product. ²⁶ Includes teacher-training, evening, and correspondence courses. Data referring to general education are included with education at the 1st level. ²⁷ Includes adult pupils. ²⁸ Tanzania Mainland only. ²⁹ Covers government-maintained and aided schools only. ³⁰ Includes education preceding the 1st level.

Source: United Nations Educational, Scientific, and Cultural Organization, Paris, France, *Statistical Yearbook* (copyright); and "Estimates and Projections of Illiteracy", CSR E-29.

NO. 1550. HOUSING AND HEALTH, BY COUNTRY

[Housing: Data generally intended to refer to conventional (permanent) dwellings only. For some countries, however, data include nonpermanent structures, improvised shelters, and mobile trailers, or, as noted, refer to housing units and to household accommodation (the space occupied by a private household) rather than to dwellings. Health: Hospital data refer to hospitals and other medical establishments with beds but exclude old people's homes and establishments for custodial or preventive care only; personnel data refer to persons fully qualified from medical or dental schools and working within the country. See text, p. 864, for general comments concerning the data. For additional qualifications of data for individual countries, see source.]

COUNTRY	DWELLINGS				HEALTH						
	Year	Occupied (1,000)	Percent with 1—		Year	Hospitals			Physicians, number	Per- sons per physi- cian (1,000)	Dentists, number
			Piped water ²	Electric lighting		Number	Beds (1,000)	Popu- lation per bed			
United States ³	1970	63,450	⁴ 97.5	(NA)	1977	7,234	1,365.6	159	381,163	.6	112,720
Algeria ⁵	1966	1,782	22.7	33.7	1977	(NA)	45.0	(NA)	3,203	5.6	900
Argentina.....	(NA)	(NA)	(NA)	(NA)	1971	2,864	133.8	176	48,683	.5	(NA)
Australia ³	1976	4,141	⁴ 97.1	94.9	1977	2,369	175.0	80	21,400	.7	4,900
Bangladesh.....	(NA)	(NA)	(NA)	(NA)	1977	551	18.4	4,505	6,508	12.7	121
Belgium.....	1970	3,223	88.0	100.0	1976	(NA)	76.1	115	⁶ 20,725	.5	⁶ 7 3,283
Brazil.....	1973	19,402	33.8	55.6	1976	5,426	445.8	245	⁸ 62,743	(NA)	(NA)
Burma.....	(NA)	(NA)	(NA)	(NA)	1977	⁹ 488	⁹ 28.5	(NA)	6,153	5.1	602
Canada ¹⁰	1979	7,558	99.3	100.0	1976	1,389	201.4	114	41,398	.6	9,849
Chile.....	1970	(NA)	¹¹ 59.6	(NA)	1977	291	37.8	282	6,516	1.6	4,300
China: Mainland.....	(NA)	(NA)	(NA)	(NA)	1978	64,421	1,856.4	503	385,520	2.6	(NA)
Taiwan ³ ¹²	1975	2,671	(NA)	(NA)	1979	10,406	36.3	477	¹³ 13,169	1.3	1,773
Czechoslovakia.....	1970	4,239	78.1	99.7	1977	557	184.8	81	¹⁴ 38,093	.4	⁶ 7 6,897
Egypt.....	(NA)	(NA)	(NA)	(NA)	1976	1,539	79.0	479	¹⁴ 35,489	(NA)	¹⁴ 4,631
Ethiopia.....	(NA)	(NA)	(NA)	(NA)	1977	84	8.7	3,314	396	73.2	(NA)
France.....	1975	17,494	¹⁵ 97.3	¹⁶ 98.8	1976	3,539	540.8	97	⁶ 86,308	.6	⁶ 26,759
German Dem. Rep.	1971	¹⁷ 5,933	82.1	100.0	1977	563	178.6	94	31,776	.5	8,347
Germany, F.R.	1972	20,966	99.2	99.9	1977	3,416	723.0	85	125,274	.5	32,121
Greece.....	1971	2,483	¹⁸ 65.0	¹⁸ 88.3	1977	719	59.1	157	20,484	.5	6,392
Hungary.....	1973	3,209	44.0	94.3	1977	(NA)	93.5	114	24,535	.4	3,148
India ¹⁹	1971	92,494	(NA)	(NA)	1973	15,265	392.0	1,465	178,000	3.6	(NA)
Indonesia ²⁰	1970	¹⁸ 22,471	¹⁵ 2.2	63.5	1976	1,138	82.9	1,670	8,977	15.4	²¹ 529
Iran ³	1976	5,331	41.1	48.3	1974	535	49.2	650	12,430	2.6	1,947
Italy.....	1971	15,301	86.1	99.0	1976	1,931	582.0	97	⁶ 114,244	(NA)	(NA)
Japan.....	1978	32,429	(NA)	(NA)	1977	8,470	1,207.0	94	133,416	.8	43,336
Korea, Rep. of.....	1975	4,636	²² 35.2	²² 49.9	1976	187	25.5	1,406	18,405	.9	2,823
Mexico ³	1970	8,286	38.7	58.9	1974	1,575	67.4	863	⁸ 31,571	(NA)	⁸ 1,879
Morocco.....	1971	²³ 880	²³ 64.8	²³ 81.5	1977	132	23.7	771	²¹ 800	(NA)	²¹ 33
Netherlands.....	1977	4,501	(NA)	(NA)	1976	(NA)	138.9	99	23,769	.6	4,850
Nigeria.....	(NA)	(NA)	(NA)	(NA)	1977	(NA)	56.0	1,248	4,876	14.3	182
Pakistan.....	(NA)	(NA)	(NA)	(NA)	1977	(NA)	39.5	1,903	⁸ 19,922	(NA)	809
Philippines.....	1970	5,738	⁴ 61.1	22.7	1973	813	62.9	639	16,123	.8	5,600
Poland.....	1974	8,548	⁴ 55.1	(NA)	1977	1,149	265.2	131	57,321	.6	15,700
Romania.....	1966	5,250	12.3	48.6	1977	(NA)	199.1	109	29,348	.7	6,689
South Africa.....	(NA)	(NA)	(NA)	(NA)	1973	788	156.2	152	12,060	2.0	1,767
Soviet Union.....	1965	²³ 31,000	(NA)	(NA)	1977	28,700	3,140.0	82	²⁴ 896,900	(NA)	(NA)
Spain.....	1970	9,542	77.6	(NA)	1975	1,256	182.4	165	⁶ 64,597	(NA)	⁶ 3,703
Sri Lanka ³	1971	2,217	4.4	9.0	1976	461	41.1	334	²¹ 2,168	(NA)	²¹ 215
Sweden.....	1975	3,320	98.3	(NA)	1976	720	123.0	67	14,650	56.1	7,380
Thailand.....	(NA)	(NA)	(NA)	(NA)	1976	349	52.2	823	5,210	8.2	744
Turkey.....	1970	(NA)	⁴ 35.9	41.1	1977	782	83.2	506	23,769	1.8	5,954
United Kingdom ²⁵	1971	16,455	(NA)	(NA)	1977	²⁶ 2,242	²⁸ 385.8	(NA)	74,500	.6	²¹ 14,400
Venezuela.....	1971	¹⁷ 1,844	²⁷ 53.3	²⁷ 76.8	1977	440	39.7	429	14,565	.9	4,342
Vietnam.....	(NA)	(NA)	(NA)	(NA)	1977	9,784	171.5	284	8,956	5.4	⁷ 615
Yugoslavia.....	1971	4,935	⁵ 34.0	87.9	1976	439	130.0	166	28,528	.8	5,608
Zaire.....	(NA)	(NA)	(NA)	(NA)	1978	4,390	78.9	352	1,723	16.1	53

NA Not available. ¹ Computed on basis of occupied dwellings where available; otherwise on total dwellings. ³ Inside only. ⁵ Housing data refer to housing units. ⁴ Either inside or outside. ⁶ Housing data exclude semipermanent dwellings. ⁸ Stomatologists and odontologists included with physicians. ⁷ Includes nonuniversity level dentists. ⁹ Personnel in hospitals only. ¹⁰ Government establishments only. ¹¹ Excludes dwellings in Yukon and Northwest Territories and those on Indian reserves. ¹² Data refer to households. ¹³ Source: U.S. Bureau of the Census. Data from Republic of China, *Statistical Yearbook of the Republic of China, 1980*. ¹⁴ Registered personnel. Data for Taiwan include Chinese herb doctors. ¹⁵ Number of registered persons. ¹⁶ Housing data refer to households in housing units. ¹⁷ 1968 data. ¹⁸ Data refer to living quarters. ¹⁹ Households in dwellings. ²⁰ Housing data include Indian-held part of Jammu and Kashmir. ²¹ Housing data exclude rural population of Western Iran. ²² Personnel in government service. ²³ 1970 data. ²⁴ Urban areas only. ²⁵ Includes dentists. ²⁶ England and Wales, except as noted. ²⁷ Excludes Wales. ²⁸ Housing units, excluding units not intended for habitation but in use for that purpose.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copyright.)

No. 1551. GROSS DOMESTIC PRODUCT—PERCENT DISTRIBUTION BY TYPE OF EXPENDITURE AND KIND OF ECONOMIC ACTIVITY

[In percent. In general, "Agriculture" includes forestry, hunting, and fishing; "Industrial activity" covers mining, manufacturing, electricity, gas and water; and "Other" comprises financing, insurance, real estate, and business services; community, social, and personal services; and public administration and defense. Data by kind of economic activity do not add to 100 percent for some countries because of rounding. Duties are excluded in the reported industrial groups. Unless otherwise stated, data are calculated on the former System of National Accounts (see *Yearbook of National Account Statistics*)]

COUNTRY	Year	TYPE OF EXPENDITURE				KIND OF ECONOMIC ACTIVITY							
		Final consumption expenditure		Increase in stocks ¹	Gross fixed capital formation	Exports	Less Imports	Agriculture	Industrial activity	Construction	Wholesale and retail trade	Transport and communications	Other
		Govt.	Private										
United States ²	1978	18	64	1	18	8	10	3	29	5	18	7	37
Algerian ³	1978 ^a	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	53	20	4	7	4	1
Algerian ³	1976	14	46	1	46	33	40	8	39	13	11	7	15
Algerian ³	1975	10	71	(2)	21	7	10	12	36	4	10	8	23
Australia ²	1977 ^a	17	60	(2)	23	15	16	5	25	7	13	7	31
Australia ²	1978	18	55	2	26	35	36	5	33	9	16	5	24
Australia ²	1976	18	55	2	26	35	36	5	33	9	16	5	24
Bangladesh ²	1978 ^a	8	85	(NA)	15	6	14	52	7	6	11	7	17
Bangladesh ²	1977	17	62	(2)	21	47	48	2	30	8	12	8	34
Belgium ²	1975	11	70	6	18	21	26	17	25	5	19	5	26
Bolivia ²	1978	10	70	6	22	7	8	9	26	5	13	5	25
Brazil ²	1977	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	18	51	9	10	9	3
Bulgaria ²	1977	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	18	51	9	10	9	3
Burma ²	1978 ¹	90	(NA)	(2)	12	6	8	46	11	1	29	3	10
Canada ²	1976	20	57	(2)	22	26	26	4	25	6	10	8	36
Chile ²	1977	12	80	(2)	9	17	19	10	27	2	29	4	28
Colombia ²	1977	12	79	(2)	18	16	13	30	23	4	18	6	19
Czechoslovakia ²	1978	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	9	60	11	15	3	(2)
Denmark ²	1977 ^a	24	56	(2)	23	29	33	6	10	10	15	10	26
Dominican Republic ²	1978	6	80	(2)	21	18	24	19	19	7	13	5	30
Ecuador ²	1978	14	60	2	24	20	25	20	28	6	13	7	22
Egypt ²	1977	21	61	4	24	20	31	24	23	4	11	7	20
Ethiopia ²	1976 ¹¹	14	77	7	20	13	14	46	11	4	9	5	18
France ²	1978 ¹²	15	61	1	21	21	20	5	30	7	13	5	31
France ²	1978	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	10	62	7	15	5	3
German Dem. Rep. ²	1978	20	55	1	22	25	23	3	42	7	10	6	32
Germany, Fed. Rep. of ²	1976	12	80	-1	10	16	17	51	15	4	13	4	11
Ghana ²	1976	16	65	4	24	17	25	15	19	8	11	7	27
Greece ²	1978	7	76	2	20	22	26	28	14	2	32	4	21
Guatemala ²	1978 ¹³	7	92	2	15	21	28	41	15	5	10	3	26
Haiti ²	1978 ⁷	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	41	47	12	18	6	1
Hungary ²	1978	10	68	1	20	21	19	36	17	5	11	5	14
India ²	1977 ¹⁴	11	67	20	20	21	19	31	28	5	(15)	5	15
Indonesia ²	1978	21	38	(2)	30	58	45	9	48	9	5	3	23
Iran ²	1976 ³	21	38	(2)	30	58	45	9	48	9	5	3	23
Iraq ²	1975	51	64	9	27	27	27	8	63	2	5	4	17
Italy ²	1977	14	64	1	20	38	40	25	13	8	14	6	27
Ivory Coast ²	1976	16	55	(2)	30	38	40	25	13	8	(NA)	7	30
Japan ²	1978	10	56	1	30	11	9	5	32	8	14	7	32

NO. 1552. GROSS NATIONAL PRODUCT, IN CURRENT AND CONSTANT (1977) DOLLARS AND PER CAPITA: 1970 TO 1978

[In billions of dollars, except as indicated. For explanation of conversion to U.S. dollars, see headnote, table 1570. For explanation of gross national product (GNP), see text, p. 417]

COUNTRY	CURRENT DOLLARS						CONSTANT (1977) DOLLARS					
	1970	1974	1975	1976	1977	1978	1970	1975	1978	Per capita (dol.)		
										1970	1975	1978
United States.....	985.8	1,419.8	1,537.0	1,709.4	1,896.1	2,117.7	1,522.7	1,711.4	1,971.5	7,428	7,997	9,002
Afghanistan.....	1.6	2.2	2.6	2.8	3.1	3.5	2.4	2.8	3.3	198	210	228
Algeria.....	8.7	13.2	15.0	17.0	19.2	21.9	13.4	16.7	20.4	869	1,042	1,157
Argentina.....	25.9	40.1	43.3	44.7	50.3	51.9	40.1	48.2	48.4	1,683	1,891	1,804
Austria.....	23.2	36.1	38.9	43.4	47.5	51.8	35.8	43.3	48.2	4,833	5,772	6,430
Bangladesh.....	(X)	4.3	4.9	5.8	6.2	7.2	(X)	5.5	6.7	(X)	69	78
Belgium.....	40.2	62.7	67.3	75.0	80.3	88.1	62.0	74.9	82.0	6,396	7,646	8,371
Brazil.....	55.5	112.2	129.2	147.8	163.5	186.8	85.7	143.9	173.9	895	1,325	1,493
Bulgaria.....	10.8	16.0	19.0	20.7	21.7	24.0	16.7	21.1	22.3	1,970	2,425	2,533
Burma.....	2.1	2.9	3.4	3.7	4.2	4.8	3.2	3.7	4.4	119	122	135
Canada.....	91.8	146.6	162.6	180.8	198.1	217.7	141.9	181.1	202.6	6,660	7,976	8,623
Chile.....	8.5	12.0	11.6	12.6	14.6	16.5	13.2	12.9	15.4	1,402	1,263	1,438
China:												
Mainland.....	157.7	262.5	308.0	323.6	370.2	444.2	243.6	343.0	413.5	287	359	412
Taiwan.....	7.3	13.1	14.6	17.2	19.7	23.8	11.3	16.3	22.2	775	1,013	1,297
Colombia.....	8.3	13.8	15.6	17.2	19.1	22.2	12.8	17.4	20.6	597	721	803
Cuba.....	4.7	6.0	6.3	(NA)	(NA)	(NA)	7.2	7.0	(NA)	837	756	(NA)
Czechoslovakia.....	33.0	48.0	54.2	57.8	64.1	69.8	50.9	60.3	65.0	3,562	4,074	4,303
Egypt.....	5.0	7.0	8.5	11.0	13.4	16.0	7.8	9.5	14.9	235	257	373
Ethiopia.....	1.7	2.5	2.8	3.0	3.3	3.7	2.7	3.1	3.4	105	107	109
France.....	188.7	289.5	317.9	350.3	382.1	422.9	291.4	354.0	393.7	5,796	6,717	7,385
German Dem. Rep.....	37.4	54.3	61.7	66.4	72.7	80.0	57.8	68.7	74.5	3,381	4,057	4,432
Germany, Fed. Rep.....	290.1	414.3	445.0	494.8	537.1	596.4	448.1	495.5	555.2	7,381	8,017	9,056
Ghana.....	8.7	12.8	13.4	13.3	14.3	15.5	13.5	14.9	14.5	1,529	1,447	1,269
Greece.....	12.4	19.0	22.0	24.6	27.0	30.8	19.1	24.5	28.7	2,173	2,722	3,049
Hungary.....	15.5	22.2	24.9	26.2	29.4	32.5	24.0	27.7	30.2	2,326	2,641	2,823
India.....	52.4	70.2	84.0	89.8	101.5	114.1	81.0	93.5	106.2	148	151	162
Indonesia.....	17.2	29.5	34.0	39.1	44.4	50.8	26.5	37.9	47.3	215	276	326
Iran.....	26.1	53.4	60.3	70.5	75.3	74.4	40.4	67.1	69.3	1,396	2,016	1,996
Iraq.....	6.4	10.8	14.7	16.7	19.2	23.6	9.9	16.4	22.0	1,040	1,480	1,757
Italy.....	105.2	154.5	163.0	181.5	195.4	214.1	162.4	181.5	199.3	3,024	3,252	3,515
Japan.....	312.1	498.4	554.0	620.2	692.0	785.0	482.2	616.9	730.8	4,622	5,527	6,360
Kampuchea.....	.7	.6	.6	(NA)	(NA)	(NA)	1.0	.7	(NA)	144	90	(NA)
Kenya.....	1.9	3.0	3.4	3.7	4.3	4.8	3.0	3.6	4.4	265	278	292
Korea, Dem. Peo. Rep.....	3.7	7.1	8.4	8.5	9.0	10.4	5.7	9.3	9.7	398	563	534
Korea, Rep. of.....	11.6	20.9	24.5	29.4	34.4	41.6	17.9	27.3	38.7	543	742	1,005
Madagascar.....	1.1	1.4	1.6	1.6	1.8	1.9	1.8	1.8	1.8	257	230	223
Malaysia.....	4.8	8.5	9.6	11.1	12.6	14.6	7.5	10.6	13.6	686	858	1,020
Mexico.....	34.4	54.7	62.1	66.1	72.2	80.8	53.1	69.1	75.2	1,060	1,177	1,172
Morocco.....	4.4	6.9	8.3	9.7	10.8	12.2	6.8	9.2	11.4	425	505	573
Mozambique.....	(X)	(X)	1.8	1.9	2.0	2.1	(X)	2.0	1.9	(X)	224	195
Nepal.....	.8	1.0	1.2	1.3	1.4	1.5	1.2	1.3	1.4	99	98	100
Netherlands.....	53.3	79.9	86.0	94.8	102.8	112.7	82.4	95.7	104.9	6,337	6,988	7,550
Nigeria.....	15.6	27.4	30.1	35.3	39.5	44.5	24.1	33.5	41.4	429	510	573
Pakistan.....	7.8	11.1	13.0	14.1	15.2	17.7	12.0	14.5	16.5	182	193	201
Peru.....	6.2	9.9	11.3	11.9	12.1	13.1	9.6	12.5	12.2	708	808	731
Philippines.....	8.6	14.2	16.4	18.3	20.6	23.5	13.3	18.3	21.9	355	424	470
Poland.....	43.2	71.8	82.4	90.2	98.2	109.6	66.8	81.7	102.0	2,054	2,697	2,923
Portugal.....	8.3	13.6	14.0	15.4	17.2	19.1	12.8	15.5	17.8	1,420	1,653	1,816
Romania.....	24.4	41.0	46.9	55.7	61.1	69.4	37.7	52.3	64.6	1,856	2,464	2,951
South Africa.....	19.3	29.9	33.5	35.8	37.9	41.3	29.8	37.3	38.4	1,325	1,482	1,412
Soviet Union.....	553.2	835.9	943.5	1,029.9	1,123.4	1,256.5	854.5	1,050.5	1,189.7	3,516	4,135	4,481
Spain.....	54.6	90.3	99.3	106.3	115.1	125.6	84.3	110.5	116.9	2,495	3,121	3,185
Sri Lanka.....	1.2	1.7	2.0	2.1	2.3	2.8	1.9	2.2	2.8	154	159	181
Sudan.....	2.7	4.4	4.9	5.3	5.9	5.8	4.2	5.5	6.4	308	346	305
Sweden.....	46.7	64.5	71.1	75.6	77.8	85.4	72.1	79.2	79.5	9,012	9,657	9,575
Switzerland.....	38.7	55.2	55.7	58.0	63.1	68.5	59.8	62.0	63.8	9,490	9,687	10,121
Syria.....	2.4	4.5	5.6	6.3	6.7	7.5	3.7	6.2	7.0	592	840	851
Tanzania.....	1.5	2.4	2.7	3.0	3.4	3.8	2.4	3.0	3.6	179	193	212
Thailand.....	7.5	12.4	14.6	16.6	18.7	21.8	11.6	16.2	20.3	313	383	448
Turkey.....	19.3	32.8	38.8	43.9	48.3	53.7	29.8	43.2	50.0	833	1,063	1,144
Uganda.....	2.3	3.1	3.2	3.4	4.0	4.4	3.6	3.6	4.1	367	312	318
United Kingdom.....	140.1	197.2	210.8	230.3	245.3	271.4	216.5	234.7	252.7	3,900	4,190	4,519
Venezuela.....	15.0	23.6	27.9	31.7	35.8	41.0	23.2	31.0	38.2	2,170	2,449	2,710
Vietnam.....	1.4	1.3	1.3	1.3	1.3	(NA)	2.2	1.4	(NA)	98	98	(NA)
Yugoslavia.....	21.1	33.9	39.6	42.3	48.2	55.3	32.6	43.0	51.5	1,597	2,008	2,340
Zaire.....	2.9	4.5	4.7	4.7	4.8	5.0	4.5	5.2	4.7	206	208	172

NA Not available. X Not applicable. ¹ Beginning 1976, includes former Republic of South Vietnam.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual. Data from International Bank for Reconstruction and Development and U.S. Central Intelligence Agency.

NO. 1553. ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT (OECD)—GROSS NATIONAL PRODUCT, 1975 TO 1980, AND CHANGE, 1975-1980 AND 1979-1980

COUNTRY	GROSS NATIONAL PRODUCT (GNP)						GNP PER CAPITA					Inflation rate, 1979-1980 (per cent)
	Total in constant (1980) dollars (bil.) ¹			Annual percent change ²		In constant (1980) dollars ¹		Annual percent change ²				
	1975	1979	1980	1975-1980	1979-1980	1975	1979	1980	1975-1980	1979-1980		
United States.....	2,188.0	2,631.4	2,626.1	3.7	-2.2	10,125	11,694	11,536	2.6	-1.3	9.0	
OECD Europe ⁴	3,022.3	3,442.0	3,490.6	2.9	1.4	7,879	8,775	8,844	2.3	.6	12.4	
Belgium.....	104.3	116.7	117.9	2.5	1.0	10,639	11,851	11,957	2.3	.9	4.9	
Luxembourg ⁵	3.9	4.4	4.4	2.4	.4	10,778	12,083	12,139	2.4	.5	5.0	
Denmark.....	57.1	65.8	65.1	2.7	-1.1	11,283	12,842	12,715	2.4	-1.0	6.5	
France.....	557.9	645.0	653.4	3.2	1.3	10,567	12,061	12,165	2.9	.9	11.5	
Germany Fed. Rep.....	690.7	808.6	823.2	3.6	1.8	11,171	13,183	13,372	3.7	1.4	5.1	
Ireland.....	14.5	17.0	17.3	3.6	1.0	4,560	5,048	5,059	2.1	.2	15.7	
Italy.....	326.2	379.2	394.4	3.9	4.0	5,843	6,664	6,914	3.4	3.8	20.4	
Netherlands.....	140.2	158.3	159.6	2.6	.8	10,269	11,285	11,287	1.9	(2)	5.9	
United Kingdom.....	480.4	528.4	519.1	1.6	-1.8	8,593	9,457	9,288	1.6	-1.8	18.8	
Austria.....	61.9	72.6	75.2	4.0	3.6	8,234	9,666	10,013	4.0	3.6	4.2	
Finland.....	42.1	46.5	48.8	3.0	4.9	8,943	9,173	10,209	2.7	4.5	10.4	
Greece.....	33.7	41.1	41.8	4.4	1.7	3,727	4,349	4,354	3.2	.1	18.4	
Iceland.....	2.3	2.7	2.8	4.0	2.5	10,272	11,652	11,957	3.1	2.6	53.0	
Norway.....	44.0	53.2	55.2	4.6	3.8	10,978	13,066	13,496	4.2	3.3	15.4	
Portugal.....	18.5	22.3	23.6	5.0	5.8	1,957	2,267	2,377	4.0	4.9	14.4	
Spain.....	188.9	208.1	211.6	2.3	1.7	5,306	5,596	5,653	1.3	1.0	13.5	
Sweden.....	114.3	119.6	121.3	1.2	1.4	13,960	14,431	14,597	.9	1.2	11.6	
Switzerland.....	96.1	99.4	103.1	1.4	3.7	14,984	15,832	16,185	1.5	3.5	1.2	
Turkey.....	45.3	53.1	52.8	3.1	-1.6	1,130	1,200	1,164	.6	-3.0	84.9	
Australia.....	121.3	134.6	137.4	2.5	2.1	8,805	9,332	9,398	1.3	.7	11.1	
Canada.....	213.0	246.1	246.3	2.9	.1	9,373	10,366	10,288	1.9	-.9	10.5	
Japan.....	812.5	998.0	1,039.9	5.1	4.2	7,282	8,613	8,905	4.2	3.4	3.2	
New Zealand.....	23.1	23.4	24.0	.9	2.7	7,511	7,539	7,742	.6	2.7	17.5	

Z. Less than .05 percent. ¹ National currency values converted into dollars by the average 1980 Par Rate/Market Rate, as published by the International Monetary Fund, Washington, D.C. ² Minus sign (-) denotes decrease. ³ GNP or GDP (Gross Domestic Product) implicit price deflators; totals weighted by 1979 (base year) GNP data, in 1979 prices. ⁴ See text, p. 864. ⁵ Gross domestic product.

Source: U.S. Department of State, Bureau of Intelligence and Research, *Economic Growth of OECD Countries, 1970-1980*, Report No. 89AR (Revised), 1981, and unpublished data.

NO. 1554. ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT (OECD)—SELECTED DATA: 1975 TO 1980

[Base for Index, 1975=100. Imports c.i.f., except as noted; exports f.o.b. See text, pp. 863 and 864]

COUNTRY	INDUSTRIAL PRODUCTION INDEX				AVERAGE MONTHLY IMPORTS (mil. dol.)				AVERAGE MONTHLY EXPORTS (mil. dol.)			
	1977	1978	1979	1980	1975	1978	1979	1980	1975	1978	1979	1980
United States.....	117	124	129	125	1,807.8	14,441	17,261	20,100	8,971	11,972	15,150	18,392
OECD.....	113	118	124	123	48,948	73,886	95,015	113,898	47,317	71,487	88,007	103,436
Australia.....	104	105	112	114	1,832	1,168	1,378	1,684	992	1,197	1,553	1,839
Austria.....	111	113	120	125	783	1,331	1,682	2,021	627	1,011	1,286	1,447
Belgium.....	109	111	116	116	2,559	4,030	5,029	5,973	2,401	3,734	4,685	5,375
Canada.....	108	112	118	116	1,830	3,630	4,460	4,916	2,692	3,846	4,661	5,412
Denmark.....	(NA)	(NA)	(NA)	(NA)	861	1,230	1,538	1,610	726	987	1,218	1,395
Finland.....	102	107	118	127	635	942	1,301	1,501	459	713	929	1,179
France.....	112	114	119	118	4,520	6,807	8,906	11,238	4,351	6,372	8,165	9,276
Germany, Fed. Rep.....	110	113	119	119	6,184	10,056	13,146	15,488	7,502	11,841	14,293	15,974
Greece.....	113	121	129	(NA)	443	630	810	(NA)	191	278	324	(NA)
Iceland.....	(NA)	(NA)	(NA)	(NA)	41	57	69	83	26	54	66	77
Ireland.....	119	128	136	134	317	594	822	929	268	474	597	709
Italy.....	112	114	121	126	3,197	4,697	6,484	8,309	2,902	4,663	6,010	8,492
Japan.....	116	123	133	142	4,822	6,612	9,219	11,759	4,646	8,129	10,567	10,799
Luxembourg.....	104	108	111	108	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Netherlands.....	108	109	112	112	2,929	4,406	5,601	6,406	2,870	4,168	5,302	6,153
Norway.....	105	116	124	132	806	952	1,144	1,413	600	837	1,121	1,541
Portugal.....	117	125	134	(NA)	319	431	545	(NA)	162	203	290	(NA)
Spain.....	119	115	115	(NA)	1,355	1,556	2,115	2,846	640	1,089	1,516	1,735
Sweden.....	94	93	99	100	1,504	1,708	2,378	2,785	1,451	1,810	2,294	2,577
Switzerland.....	106	106	109	114	1,109	1,971	2,442	3,028	1,080	1,847	2,206	2,468
Turkey.....	(NA)	(NA)	(NA)	(NA)	387	379	474	522	117	190	206	229
United Kingdom.....	108	111	115	107	4,438	6,549	8,569	10,013	3,646	5,973	7,568	9,598
Yugoslavia.....	(NA)	(NA)	(NA)	(NA)	641	815	1,030	1,169	339	463	520	697

NA Not available. ¹ Imports f.o.b. ² Luxembourg included with Belgium.

Source: Organisation for Economic Co-operation and Development, Paris, France, *Main Economic Indicators*, monthly, and *Statistics of Foreign Trade* (series A), May 1981.

NO. 1555. GROSS DOMESTIC PRODUCT OF SELECTED COUNTRIES AS PERCENT OF UNITED STATES: 1950 TO 1979

[Comparisons are based on constant (1975) dollar data converted to U.S. dollars using 1975 exchange rates. See text, p. 417]

COUNTRY	GROSS DOMESTIC PRODUCT								PER CAPITA GROSS DOMESTIC PRODUCT							
	1950	1960	1965	1970	1975	1977	1978	1979	1950	1960	1965	1970	1975	1977	1978	1979
United States.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Canada.....	7	8	9	9	11	10	10	10	80	84	86	91	101	98	97	97
France.....	15	17	18	20	22	22	21	22	55	69	73	83	90	88	88	89
Germany, F.R.....	16	26	26	28	28	27	27	27	52	84	87	94	95	95	95	98
Italy.....	18	10	11	13	12	12	12	12	27	38	40	48	48	47	46	48
Japan.....	2	10	15	19	29	33	33	35	2	18	28	37	63	63	64	66
United Kingdom.....	18	17	16	15	15	14	14	14	53	58	56	56	58	55	55	55

¹ Based on 1951 data. ² Based on 1952 data.

Source: U.S. Bureau of Economic Analysis. Adapted from *Long Term Economic Growth, 1880-1970*, using data from the Organization for Economic Cooperation and Development.

NO. 1556. TAX REVENUES—SELECTED COUNTRIES: 1970 TO 1979

[Covers national and local taxes and social security contributions. GDP=Gross domestic product; see text, p. 417]

COUNTRY	TAX REVENUES (bil. dol.)				AS PERCENT OF GDP				TAX REVENUES PER CAPITA (dol.)			
	1970	1975	1978	1979	1970	1975	1978	1979	1970	1975	1978	1979
United States.....	267.7	436.3	621.0	698.8	30.1	30.2	30.2	31.3	1,404	2,043	2,839	3,168
Australia.....	9.5	27.7	33.5	37.9	25.5	29.1	28.9	29.8	783	2,014	2,351	2,831
Austria.....	5.2	14.8	24.1	28.3	35.7	38.5	41.8	41.4	698	1,834	3,205	3,770
Belgium.....	9.1	25.8	42.7	48.6	36.0	41.1	44.7	44.6	946	2,635	4,341	5,038
Canada.....	27.1	56.6	67.1	73.0	32.0	31.6	31.0	31.0	1,288	2,481	2,856	3,080
Denmark.....	6.4	15.4	24.4	(NA)	40.3	40.3	42.8	(NA)	1,287	3,021	4,772	(NA)
Finland.....	3.4	10.0	12.4	14.5	32.2	36.2	36.4	35.0	750	2,125	2,804	3,045
France.....	50.4	126.8	187.4	235.2	35.6	37.4	38.6	41.2	982	2,407	3,517	4,397
Germany, F.R.....	61.0	149.9	241.6	285.2	32.8	35.7	37.5	37.3	1,006	2,425	3,940	4,649
Greece.....	2.4	5.0	(NA)	(NA)	24.0	24.2	(NA)	(NA)	272	557	(NA)	(NA)
Italy.....	28.0	55.7	81.7	97.4	27.9	29.0	31.4	30.1	521	997	1,444	1,712
Japan.....	41.4	108.1	239.0	251.6	19.7	21.1	24.3	24.8	401	969	2,080	2,171
Netherlands.....	12.6	37.9	61.2	70.7	39.9	45.8	47.0	47.4	970	2,778	4,390	5,038
New Zealand.....	1.7	4.2	5.6	6.7	26.4	30.0	30.8	31.2	615	1,342	1,789	2,132
Norway.....	4.4	12.8	18.9	21.5	39.2	44.8	46.5	46.1	1,130	3,162	4,658	5,285
Portugal.....	1.4	3.7	4.7	5.3	23.2	24.8	26.5	25.8	159	368	482	535
Spain.....	6.4	20.5	33.5	45.9	17.2	19.6	22.7	23.3	189	579	911	1,236
Sweden.....	13.3	32.0	46.5	53.5	40.9	44.2	51.4	50.3	1,685	3,886	5,621	6,445
Switzerland.....	5.0	16.1	26.8	29.6	23.8	29.6	31.8	31.1	799	2,510	4,227	4,658
United Kingdom.....	46.0	84.1	106.7	136.4	37.5	36.1	34.0	34.0	824	1,485	1,909	2,437

NA Not available.

Source: Organisation for Economic Co-operation and Development, Paris, France, *Revenue Statistics of OECD Member Countries*, annual.

NO. 1557. CONSUMER PRICE INDEXES FOR SELECTED ITEMS—SELECTED COUNTRIES: 1975 AND 1980

[For percent increases in total consumer prices, see table 782. For explanation of average annual percent change, see Guide to Tabular Presentation]

COUNTRY	INDEXES (1967=100)										AVG. ANNUAL PERCENT CHANGE, 1975-1980			
	Total		Food ¹		Clothing		Housing ²		Transportation		Food ¹	Clothing	Housing ²	Transportation
	1975	1980	1975	1980	1975	1980	1975	1980	1975	1980				
United States.....	161.2	246.8	175.4	254.6	142.3	178.4	164.5	263.3	150.6	249.7	7.7	4.6	9.9	10.6
Australia.....	178.7	295.5	165.8	291.8	184.1	301.4	199.6	321.8	(NA)	(NA)	12.0	10.4	10.0	(NA)
Austria.....	157.2	203.3	149.4	186.5	141.7	178.3	174.4	233.2	161.4	216.6	4.5	4.7	6.0	6.1
Canada.....	160.1	243.5	180.1	289.9	136.9	195.5	160.7	242.9	150.3	233.1	10.0	7.4	8.6	9.2
France.....	178.9	294.2	182.8	294.8	166.2	267.0	180.6	309.4	192.0	337.4	10.0	9.9	11.4	11.9
Germany, F.R.....	144.1	175.8	135.0	159.0	143.2	178.9	153.7	181.7	151.0	183.9	3.3	4.6	3.4	4.0
Italy.....	186.9	403.2	185.2	382.3	194.6	437.3	173.6	385.6	207.5	480.9	15.6	17.6	17.3	18.3
Japan.....	204.5	281.8	220.9	288.2	217.5	288.7	174.3	226.7	170.2	297.5	5.5	5.8	5.4	11.8
Netherlands.....	175.3	237.4	155.9	197.8	190.6	256.5	173.9	244.2	167.8	223.9	4.9	6.1	7.0	5.9
Sweden.....	164.3	270.6	169.5	282.4	141.9	197.2	177.0	314.9	(NA)	(NA)	10.7	6.8	12.2	(NA)
United Kingdom.....	216.5	423.6	243.8	468.0	187.5	306.4	208.7	421.5	224.4	450.3	13.9	10.3	15.1	14.9

NA Not available.

¹ Restaurant meals, alcohol, and tobacco are included for some countries; excluded for others. ² Includes shelter, utilities, and household furnishings and operations. However, actual coverage and measurement methods vary significantly from country to country.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual.

**NO. 1558. WHOLESALE AND CONSUMER PRICES AND MONEY SUPPLY—INDEXES AND ANNUAL
PERCENT CHANGES, BY COUNTRY**

[1970=100, except as noted. See text, p. 864, for general comments concerning the data. Money supply as shown here is composed of currency plus demand deposits (M-1). For additional qualifications of the data for individual countries, see source. Minus sign (-) denotes decrease]

COUNTRY	Whole- sale prices, 1 1978	CONSUMER PRICES						MONEY SUPPLY			
		1978 1		Avg. annual percent change				Avg. annual percent change			
		Total	Food	1970- 1975	1975- 1980	1978- 1979	1979- 1980	1970- 1975	1975- 1980	1978- 1979	1979- 1980
United States.....	190	168	180	6.8	8.9	11.3	13.5	6.0	6.4	5.8	6.7
Algeria.....	(NA)	184	223	5.2	(NA)	11.5	(NA)	20.4	(NA)	21.9	(NA)
Argentina.....	47,729	49,729	11,860	72.2	211.0	159.5	100.6	62.6	191.9	125.4	114.1
Australia.....	213	224	211	10.3	10.6	9.1	10.2	11.0	12.4	16.3	14.6
Austria.....	104	167	159	7.3	5.3	3.7	6.3	11.2	4.9	-6.2	7.4
Bangladesh.....	452	315	302	33.8	8.0	12.7	13.2	(NA)	17.9	17.0	18.7
Belgium.....	148	183	172	8.4	6.4	4.4	6.7	10.7	5.7	3.8	-1.1
Bolivia.....	(NA)	318	348	22.5	18.0	19.7	47.2	26.4	23.4	13.8	38.9
Brazil.....	742	484	522	21.2	52.0	52.7	82.8	35.4	48.8	51.6	75.1
Burma.....	(NA)	258	269	18.4	4.3	5.6	.6	17.7	(NA)	(NA)	(NA)
Canada.....	213	180	210	7.3	8.8	9.2	10.1	9.8	6.3	4.9	4.6
Chile.....	687,929	232,773	280,924	266.1	82.5	33.4	35.1	203.0	115.3	60.6	62.8
Colombia.....	527	428	508	17.9	24.5	24.6	26.5	19.2	28.8	25.0	24.7
Denmark.....	197	208	222	9.3	10.4	9.6	12.3	9.7	10.7	13.4	5.9
Dominican Republic.....	185	202	179	11.0	(NA)	9.2	(NA)	18.5	10.5	11.6	17.3
Ecuador.....	(NA)	263	312	13.6	11.7	10.2	13.1	27.0	22.4	20.3	26.2
Egypt.....	185	184	218	6.0	(NA)	9.9	(NA)	17.1	(NA)	23.9	(NA)
El Salvador.....	235	205	198	8.9	13.1	15.9	17.4	15.7	19.6	12.0	25.5
Ethiopia.....	185	204	218	3.7	16.0	16.7	4.5	14.4	10.3	13.1	3.1
Finland.....	112	126	244	25.8	11.8	7.5	11.6	20.7	(NA)	16.5	(NA)
France.....	176	200	212	8.9	10.4	10.7	13.3	11.8	10.8	12.3	8.0
Germany, Fed. Rep. of.....	146	150	145	6.1	4.1	4.1	5.5	10.3	8.5	6.9	2.6
Ghana.....	(NA)	170	164	17.1	70.0	54.4	50.1	23.6	47.2	30.3	34.5
Greece.....	277	255	280	12.6	16.4	19.0	24.9	18.7	(NA)	19.7	(NA)
Guatemala.....	185	134	127	8.7	10.7	11.5	10.7	15.5	22.1	14.1	16.0
Honduras.....	(NA)	164	182	(NA)	(NA)	9.0	(NA)	(NA)	(NA)	(NA)	(NA)
India.....	185	179	173	11.9	4.2	6.3	11.5	12.9	(NA)	12.9	(NA)
Indonesia.....	354	351	403	20.3	15.3	19.4	18.1	38.7	30.5	31.4	43.0
Iran.....	204	248	242	9.5	16.3	10.5	20.7	28.3	(NA)	48.1	(NA)
Iraq.....	157	152	153	6.3	(NA)	(NA)	(NA)	21.2	(NA)	(NA)	(NA)
Ireland.....	153	269	290	13.3	14.1	13.2	18.2	11.6	17.8	24.0	4.6
Israel.....	859	786	834	24.8	65.2	78.3	131.0	25.7	(NA)	33.9	(NA)
Italy.....	301	265	272	11.5	16.4	14.7	21.2	17.4	(NA)	23.9	(NA)
Japan.....	164	211	216	11.7	8.6	3.6	8.0	19.4	8.5	9.9	8
Kenya.....	(NA)	211	201	11.2	13.0	8.0	13.8	14.6	21.3	9.3	10.8
Korea, Republic of.....	325	286	357	15.6	17.4	18.3	28.7	30.5	26.7	18.0	18.0
Libya.....	(NA)	178	120	4.2	(NA)	(NA)	(NA)	30.0	(NA)	24.4	(NA)
Malaysia.....	(NA)	216	219	7.4	4.5	3.6	6.7	16.9	17.2	18.0	17.1
Mexico.....	335	309	311	12.2	21.4	18.2	26.4	17.0	29.9	35.2	33.6
Morocco.....	192	215	145	7.2	9.7	8.4	9.4	18.6	16.1	17.1	9.9
Netherlands.....	170	183	116	8.7	6.0	4.2	6.5	12.7	7.7	2.7	4.2
Nigeria.....	127	167	172	14.1	(NA)	11.2	(NA)	33.8	(NA)	10.3	(NA)
Norway.....	180	192	191	8.4	8.4	4.9	10.7	13.7	12.4	8.7	8.5
Pakistan.....	269	250	260	17.2	9.0	9.5	11.7	13.2	21.2	22.5	19.0
Peru.....	(NA)	527	590	12.8	51.1	66.7	59.2	28.7	41.6	59.6	71.1
Philippines.....	247	215	208	16.1	11.7	18.8	17.8	18.6	15.8	11.9	14.1
Portugal.....	352	415	182	15.2	21.7	23.8	16.6	18.6	16.2	18.4	24.5
Romania.....	(NA)	105	108	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	10.4	(NA)
South Africa.....	253	215	229	9.3	11.9	13.1	13.8	13.8	12.0	15.3	29.7
Spain.....	256	310	310	12.1	18.1	15.6	15.5	20.1	16.9	13.8	10.2
Sri Lanka.....	157	165	174	7.5	10.3	10.7	26.2	9.0	22.9	17.8	22.2
Sweden.....	200	198	212	8.0	10.5	7.3	13.7	12.1	(NA)	13.9	(NA)
Switzerland.....	128	151	147	7.7	2.4	3.7	4.3	6.6	5.4	7.9	-5.4
Syria.....	241	229	246	10.4	4.6	18.0	24.2	(NA)	7.8	(NA)	(NA)
Thailand.....	204	188	209	10.1	9.8	9.9	19.7	13.1	14.4	16.6	15.3
Tunisia.....	167	105	108	5.2	7.2	7.8	10.0	18.3	13.6	15.0	16.0
Turkey.....	509	483	524	15.6	51.7	58.7	110.2	27.1	(NA)	(NA)	(NA)
United Kingdom.....	336	270	315	13.2	14.4	13.4	18.0	11.7	13.0	12.2	4.5
Venezuela.....	194	164	202	5.7	11.3	12.3	21.6	26.7	18.3	7.8	13.4
Yugoslavia.....	287	359	386	19.3	18.1	21.4	29.9	28.9	30.4	17.4	31.7
Zaire.....	(NA)	132	1423	18.8	68.8	87.7	36.8	19.8	37.8	54.1	-4.4
Zambia.....	206	231	243	7.2	15.2	9.9	11.4	8.1	12.0	11.9	10.8

NA Not available. 1 Source: Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook* (copyright).
 2 1974=100. 3 Basic materials. 4 1976=100. 5 Industrial products. 6 Year ending in June. 7 1972=100.
 8 1971=100. 9 Includes direct taxes. 10 Excludes rent. 11 Basic price of domestic supply. 12 1975=100.
 13 1977=100. 14 Excludes foodstuffs and fuel. 15 Year beginning March 21. 16 For 1977. 17 Index of foodstuffs;
 for 1977. 18 Average of less than 12 months. 19 1973=100. 20 Includes value added taxes. 21 Middle income group.
 22 Data refer to West Malaysia only. 23 Producer price index. 24 Raw materials, including semimanufactured goods.
 25 White population. 26 Producers' goods. 27 Producer's prices of industrial products. 28 Low income group.

Source: Except as noted, International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly, with annual yearbooks.

**NO. 1559. LABOR FORCE PARTICIPATION RATES, BY SEX, AND FEMALES AS PERCENT OF TOTAL
LABOR FORCE FOR SELECTED COUNTRIES: 1960 TO 1975**

COUNTRY	LABOR FORCE PARTICIPATION RATES ¹						FEMALES AS PERCENT OF TOTAL LABOR FORCE		
	Female			Male					
	1960	1970	1975	1960	1970	1975	1960	1970	1975
United States.....	42.6	48.9	53.1	91.7	87.1	85.3	32.3	36.7	39.1
Australia.....	33.1	45.1	49.3	97.6	92.5	90.2	24.4	31.9	34.5
Canada.....	32.0	43.1	50.0	91.7	85.5	88.2	25.4	33.3	36.5
France.....	46.4	48.2	50.5	93.8	87.2	84.4	39.4	35.4	37.1
Germany, Fed. Rep. of.....	49.2	48.1	48.5	94.4	92.5	85.7	37.3	35.9	37.2
Italy.....	37.1	29.6	30.7	92.2	83.1	81.2	29.5	26.8	28.0
Japan.....	60.0	55.3	51.7	92.2	89.3	89.6	40.7	39.3	37.3
Sweden.....	55.0	59.4	67.6	93.6	88.8	89.2	36.9	39.5	42.5
United Kingdom.....	46.1	50.5	55.3	98.0	94.8	91.5	32.7	35.3	37.7

¹ Labor force of all ages as percent of population, 15-64 years old.

Source: Organisation for Economic Co-operation and Development, Paris, France, *Demographic Trends 1950-1990*, 1979. (Copyright.)

NO. 1560. LABOR FORCE AND UNEMPLOYMENT—INTERNATIONAL COMPARISONS: 1970 TO 1980

[Data on basis of U.S. labor force definitions adopted in 1967 (see text, p. 376) except that minimum age for population base varies as follows: United States, France, Sweden, and, beginning 1974, Great Britain, 16 years; Australia, Canada, Japan, Germany, and, for 1970, Great Britain, 15 years; Italy, 14 years]

COUNTRY	CIVILIAN LABOR FORCE (millions)								PERCENT UNEMPLOYED							
	1970	1974	1975	1976	1977	1978	1979	1980	1970	1974	1975	1976	1977	1978	1979	1980
United States.....	82.7	91.0	92.6	94.8	97.4	100.4	102.9	104.7	4.9	5.6	6.5	7.7	7.0	6.0	5.8	7.1
Australia.....	5.5	6.0	6.2	6.2	6.4	6.4	6.5	6.7	1.6	2.7	4.9	4.8	5.6	6.3	6.2	6.1
Canada.....	8.4	9.6	10.0	10.2	10.5	10.9	11.2	11.5	5.7	5.3	6.8	7.1	8.1	8.4	7.5	7.5
France.....	20.8	21.6	21.6	21.8	22.1	22.3	22.5	22.7	2.6	3.0	4.3	4.7	5.0	5.4	6.1	6.6
Germany, F.R. ²	25.3	26.1	25.7	25.4	25.4	25.6	25.8	26.0	8	1.7	3.6	3.6	3.8	3.7	3.3	3.3
Great Britain.....	24.3	24.5	24.6	25.0	25.3	25.4	25.4	25.1	3.1	2.9	4.1	5.6	6.2	6.1	5.8	7.5
Italy.....	20.0	20.1	20.3	20.5	20.5	20.6	20.9	21.2	3.1	2.8	3.2	3.6	3.6	3.7	3.9	3.9
Japan.....	50.7	52.4	52.5	53.1	53.8	54.6	55.2	55.8	1.2	1.4	1.9	2.0	2.0	2.3	2.1	2.0
Sweden.....	3.9	4.0	4.1	4.1	4.2	4.2	4.3	4.3	1.5	2.0	1.6	1.6	1.8	2.2	2.1	2.0

¹ Preliminary estimates based on incomplete data.

² Federal Republic of Germany. Includes West Berlin.

**NO. 1561. WORK STOPPAGES AND TIME LOST DUE TO INDUSTRIAL DISPUTES—SELECTED COUNTRIES:
1978 TO 1980**

ITEM	United States ¹	Canada ²	Belgium ³	Denmark ⁴	France ⁵	Germany, Fed. Rep. ⁶	Italy ⁷	Japan ⁸	Netherlands	Sweden	United Kingdom ⁹
Number of stoppages:											
1978.....	4,230	1,058	195	314	3,206	(NA)	2,415	1,517	10	99	2,471
1979.....	4,827	1,050	215	218	6,275	(NA)	1,850	1,153	30	207	2,080
1980.....	3,873	1,026	(NA)	(NA)	9,888	(NA)	2,000	(NA)	(NA)	(NA)	1,262
Workers involved (1,000): ¹⁰											
1978.....	1,623	402	91	59	705	487	8,299	660	3	8	1,041
1979.....	1,727	463	56	157	987	77	14,914	450	32	32	4,608
1980.....	1,365	442	(NA)	(NA)	(NA)	(NA)	12,260	(NA)	(NA)	(NA)	789
Working days lost (1,000):											
1978.....	35,922	7,393	1,002	129	2,200	4,281	8,559	1,357	3	37	9,405
1979.....	34,754	7,834	622	173	3,657	483	22,002	930	307	28	21,474
1980.....	33,389	8,939	(NA)	(NA)	1,674	(NA)	12,826	(NA)	(NA)	(NA)	11,910
Days lost per 1,000 employees: ¹¹											
1978.....	436	840	326	64	124	206	647	36	1	10	422
1979.....	402	856	202	85	214	23	1,630	24	19	8	1,312
1980.....	385	952	(NA)	(NA)	98	(NA)	921	(NA)	(NA)	(NA)	540

NA Not available. ¹ Excludes disputes involving fewer than six workers or lasting less than a full day or shift. ² Excludes disputes resulting in fewer than 10 worker-days lost. Excludes workers indirectly affected by a dispute in their own establishment. ³ Excludes disputes indirectly affected. ⁴ Excludes political disputes and disputes resulting in less than 100 working days lost. ⁵ Excludes disputes in agriculture and public administration. ⁶ Excludes disputes lasting less than one day except when a loss of more than 100 working days is involved. ⁷ Excludes strikes in agricultural sector, political strikes, and workers indirectly affected by a dispute in their own establishment. ⁸ Excludes disputes lasting less than four hours and workers indirectly affected by a dispute in their own establishment. ⁹ Excludes disputes not connected with terms of employment or conditions of labor and disputes involving fewer than 10 workers or lasting less than one day unless a loss of more than 100 working days is involved. ¹⁰ Workers are counted more than once if they were involved in more than one stoppage during the year. ¹¹ Per 1,000 persons with paid hours in nonagricultural industries.

Source of tables 1560 and 1561: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual.

NO. 1562. SELECTED INDEXES OF MANUFACTURING ACTIVITY—SELECTED COUNTRIES: 1970 TO 1980

(1977 = 100. Minus sign (—) denotes decrease. For explanation of average annual percent change, see Guide to Tabular Presentation)

YEAR	United States	Canada	Belgium	Denmark	France	Germany	Italy	Japan	Netherlands	Sweden	United Kingdom
Output per hour:											
1970	79.2	77.9	59.8	66.4	70.6	68.5	72.7	60.7	53.0	81.7	83.2
1975	93.5	90.8	86.2	91.0	88.4	89.3	91.1	84.0	35.2	100.0	95.0
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.9	103.1	106.1	104.4	104.9	103.8	103.1	106.8	105.4	104.2	103.2
1979	101.9	104.3	112.3	107.7	109.8	110.3	112.4	115.5	110.1	111.5	105.8
1980 ^a	101.4	102.9	(NA)	109.6	113.4	109.5	115.6	122.7	(NA)	114.7	104.4
Average annual percent change:											
1970-1975	3.4	3.1	7.6	6.5	4.6	5.4	4.6	6.7	6.2	4.1	2.7
1975-1980	1.6	2.5	* 6.8	3.8	5.1	4.2	4.9	7.9	* 6.6	2.8	1.8
Compensation per hour, national currency basis:^b											
1970	57.6	46.1	35.2	40.7	37.3	45.6	28.1	33.5	38.5	37.9	33.5
1975	65.5	77.6	80.3	81.4	76.7	84.8	70.2	84.6	82.0	75.4	76.2
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	108.2	107.5	107.1	110.3	112.9	108.5	114.6	106.3	108.0	109.8	118.4
1979	118.7	118.1	115.5	122.3	128.6	118.4	137.0	114.3	116.0	118.9	139.3
1980 ^a	131.2	129.2	(NA)	136.1	142.1	127.6	160.2	124.6	(NA)	130.0	168.6
Average annual percent change:											
1970-1975	8.2	11.0	17.9	14.9	15.5	13.2	21.9	20.3	16.3	14.7	17.9
1975-1980	8.9	10.7	* 9.5	10.8	14.2	8.5	17.9	8.0	* 9.1	11.5	17.2
Real hourly compensation:^{c,d}											
1970	89.9	76.2	61.5	76.8	88.4	66.0	62.3	68.0	67.6	70.6	84.3
1975	88.3	90.1	83.9	88.6	91.9	91.6	97.7	100.1	95.1	93.5	103.8
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.5	98.7	102.5	100.2	103.5	105.9	101.9	102.0	103.6	101.9	109.1
1979	99.1	99.4	105.8	101.4	106.5	111.2	105.2	105.7	106.9	103.4	113.2
1980 ^a	95.5	98.7	(NA)	100.4	108.7	114.1	101.6	107.0	(NA)	99.4	116.1
Average annual percent change:											
1970-1975	1.4	3.4	8.8	5.1	6.1	6.8	9.4	8.1	7.1	5.8	4.2
1975-1980	(2)	1.6	* 3.0	.4	3.4	4.5	.8	1.3	* 3.0	1.2	2.3
Unit labor costs, national currency:											
1970	72.7	59.2	58.8	61.3	52.9	66.6	36.0	55.2	61.0	46.3	40.3
1975	91.4	85.5	93.2	89.4	86.7	95.0	77.1	100.7	96.2	75.4	80.2
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	107.3	104.3	101.0	105.7	107.6	104.8	111.2	99.5	102.5	105.5	114.8
1979	116.5	113.3	102.9	113.6	117.1	107.4	121.9	99.9	105.3	106.7	131.7
1980 ^a	129.4	125.6	(NA)	124.1	131.5	118.7	138.5	101.6	(NA)	113.3	161.8
Average annual percent change:											
1970-1975	4.7	7.6	9.6	7.8	10.4	7.4	16.5	12.8	9.5	10.2	14.8
1975-1980	7.2	8.0	* 2.5	6.8	8.7	4.2	12.4	.2	* 2.3	6.5	15.0
Unit labor costs, U.S. dollar basis:^e											
1970	72.7	60.2	42.5	49.1	47.0	42.4	50.6	41.3	41.4	39.9	55.3
1975	91.4	89.3	91.0	93.6	99.6	88.8	104.3	90.9	93.5	81.3	102.1
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	107.3	97.2	115.1	115.2	117.5	121.0	115.6	127.9	118.4	104.3	126.2
1979	116.5	102.8	125.7	129.6	135.3	136.0	129.5	121.4	128.8	111.2	160.2
1980 ^a	129.4	114.2	(NA)	132.4	153.1	149.2	143.0	120.5	(NA)	119.7	215.4
Average annual percent change:											
1970-1975	4.7	8.2	16.5	13.9	16.2	16.2	15.6	17.1	17.7	15.3	13.1
1975-1980	7.2	5.0	* 8.4	7.2	9.0	10.7	6.5	5.8	* 8.3	8.0	18.1
Employment:											
1970	98.2	96.2	113.5	111.2	97.6	116.0	94.8	99.5	118.6	103.7	110.3
1975	93.0	102.2	108.5	98.3	101.5	103.3	99.7	99.8	107.0	103.7	102.6
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	104.2	102.5	95.9	98.6	98.2	99.4	99.0	98.9	97.2	95.9	97.6
1979	107.1	106.5	93.7	100.6	98.2	98.8	99.4	98.1	95.6	98.0	95.5
1980 ^a	103.6	105.3	(NA)	99.2	94.8	100.4	99.7	98.6	(NA)	98.3	89.8
Average annual percent change:											
1970-1975	-1.1	1.2	-.9	-2.2	.8	-2.3	1.0	.1	-2.0	-.1	-1.4
1975-1980	2.2	.6	* -3.6	-(2)	-1.3	-.6	-.2	-.2	* -2.8	-1.5	-2.6
Hours:											
1970	97.3	99.2	129.7	122.5	105.3	126.0	107.4	106.4	131.1	114.6	113.8
1975	91.4	103.0	107.6	99.8	102.5	101.6	95.4	95.4	107.6	105.9	101.3
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	104.4	102.5	96.0	98.4	97.6	98.1	98.7	99.5	96.6	94.6	97.4
1979	106.6	105.2	94.0	99.5	95.2	96.8	98.6	99.7	94.2	93.3	95.1
1980 ^a	102.2	103.9	(NA)	97.7	93.1	97.8	100.0	100.6	(NA)	92.0	87.1
Average annual percent change:											
1970-1975	-1.2	.7	-3.7	-4.3	-.5	-4.2	-2.3	-1.9	-.3	-1.6	-2.3
1975-1980	2.3	.2	* -3.3	-.4	-1.9	-.8	1.0	.9	* -3.3	-2.8	-3.0

- Represents zero. NA Not available. Z Less than .05 percent or -.05 percent. ¹ Excludes handicraft industries. ² Federal Republic of Germany. Includes West Berlin. ³ Preliminary. ⁴ Period refers to 1975-79. ⁵ Compensation includes, but real hourly compensation excludes, adjustments for payroll and employment taxes that are not compensation to employees, but are labor costs to employers. ⁶ Index of hourly compensation divided by the index of consumer prices to adjust for changes in purchasing power. ⁷ Indexes in national currency adjusted for changes in prevailing exchange rates.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual.

NO. 1563. LABOR FORCE, MANUFACTURING, STEEL, IRON ORE, CEMENT, COTTON YARN, AND FISH, BY
COUNTRY: 1977

[See text, p. 864, for general comments about the data. For additional data qualifications for countries, see source]

COUNTRY	Eco- nomically active popula- tion ¹ (1,000)	Persons engaged in manufacturing ² (1,000)	STEEL			PRODUCTION			Fish catches ⁸ (1,000 metric tons)
			Produc- tion ³ (mil. metric tons)	Consumption ⁴		Iron ore ⁵ (iron con- tent) (mil. metric tons)	Ce- ment ⁶ (mil. metric tons)	Cotton yarn ⁷ (1,000 metric tons)	
				Total (mil. metric tons)	Per capita (kilo- grams)				
World, total	(NA)	(NA)	667.0	(NA)	(NA)	482.8	759.0	(NA)	73,600
United States	⁹ 82,897	(NA)	¹⁰ 113.7	133.9	618	¹¹ 35.0	72.6	1,145	3,102
Algeria	2,565	(NA)	.2	2.0	110	1.7	1.8	¹² 9	44
Argentina	9,011	(NA)	2.7	3.6	140	.3	6.0	¹³ 95	393
Australia	5,330	¹⁴ 15 1,175	¹⁴ 7.5	5.1	365	¹⁴ 60.2	5.0	¹³ 14 20	¹⁴ 128
Austria	3,098	¹² 16 17 677	4.1	2.5	335	1.1	6.0	20	3
Belgium	3,638	(NA)	11.3	¹⁸ 4.0	¹⁸ 388	(Z)	7.8	41	45
Brazil	29,557	¹⁶ 19 20 3,638	11.2	12.0	107	²¹ 56.6	20.5	²² 23 70	²⁴ 790
Bulgaria	4,268	²⁵ 1,180	2.6	2.4	276	.7	4.7	86	138
Canada	²⁶ 8,162	²² 1,748	13.6	12.8	550	²⁷ 31.8	9.9	²² 63	1,280
Chile	2,607	¹² 28 236	²⁹ 5	.6	60	4.9	1.1	¹³ 30 23	1,285
China: Mainland	(NA)	(NA)	²¹ 27.0	32.5	38	²¹ 32.5	²¹ 40.0	¹³ 1,450	²⁴ 6,880
Taiwan ³¹ 32	6,323	1,901	1.3	4.8	293	(NA)	11.5	286	885
Colombia	5,134	¹² 15 53 457	.2	.8	31	.5	3.3	¹⁹ 28	²⁴ 75
Cuba	2,633	(NA)	.3	.5	53	(NA)	2.7	¹³ 24	185
Czechoslovakia	5,896	²⁹ 2,459	15.1	10.5	700	.6	9.8	126	18
Denmark	2,313	²² 24 380	.7	1.8	356	(Z)	2.3	2	1,807
Dominican Republic	856	(NA)	(NA)	.1	28	(NA)	²¹ 6	²² 35 (Z)	5
Ecuador	1,443	¹² 16 38 75	(NA)	.4	46	(NA)	²⁰ 6	²² 1	476
Egypt	7,782	³⁰ 37 693	²¹ 3	1.0	26	.7	3.2	¹³ 210	105
El Salvador	1,315	¹² 16 38 51	(NA)	.1	21	(NA)	.3	¹³ 6	8
Finland	2,129	³⁰ 498	2.2	1.5	326	.8	1.7	²² 18	117
France	20,439	³⁰ 5,760	22.1	19.5	368	11.1	29.0	238	760
German Dem. Rep.	8,214	⁴⁰ 3,112	6.9	9.9	591	(Z)	12.1	⁴¹ 135	209
Germany, F.R. of	26,494	⁴² 6,915	39.0	33.0	538	.9	32.2	⁴¹ 178	432
Ghana	3,332	⁴³ 44 45 61	(NA)	.1	11	(NA)	²² 7	(NA)	383
Greece	⁴⁶ 3,388	¹² 573	²¹ 5	1.6	176	.9	10.6	¹³ 23 87	²⁴ 106
Guatemala	1,364	¹² 20 68	(NA)	.2	26	(NA)	.5	(NA)	3
Hong Kong	1,655	755	(NA)	1.2	262	-	1.0	200	158
Hungary	4,989	⁴⁰ 1,331	3.7	3.7	343	.1	4.6	⁴⁷ 60	35
India	180,373	²² 46 49 5,662	²⁹ 9.8	10.2	16	26.5	19.2	⁵⁰ 1,034	2,540
Indonesia	40,100	¹² 81 759	(NA)	1.2	8	(NA)	2.9	³⁰ 54	1,545
Iran	7,584	¹² 33 52 396	(NA)	4.7	137	²¹ 53.7	²² 6.0	²² 35 65	²⁴ 2
Iraq	(NA)	¹² 54 134	(NA)	.7	60	(NA)	²¹ 2.5	¹² 13 1	26
Ireland	1,120	³⁰ 55 203	²¹ (Z)	.5	150	(NA)	1.6	⁵⁶ 4	96
Israel	956	²⁰ 43 255	²¹ .1	.7	195	(NA)	2.0	26	24
Italy	18,760	¹² 57 3,624	23.3	20.8	368	.2	38.2	212	427
Japan	53,321	¹⁶ 22 59 11,212	102.4	58.2	512	⁵⁹ 5	73.1	441	10,733
Korea, Dem. Peo. Rep.	(NA)	(NA)	²¹ 3.1	3.2	190	²¹ 3.8	²¹ 7.0	(NA)	²⁴ 1,600
Korea, Rep. of	10,378	²⁰ 22 44 1,717	²⁹ 2.7	6.8	186	.4	14.2	189	2,419
Lebanon	(NA)	(NA)	(NA)	.2	79	(NA)	²¹ 1.4	¹³ 30 5	²⁴ 3
Liberia	412	(NA)	(NA)	(Z)	19	12.0	²¹ 1	(NA)	24
Luxembourg	131	¹² 87 45	4.3	(18)	(18)	.5	.3	(NA)	(NA)
Malaysia	3,430	¹⁶ 19 60 261	(NA)	.6	50	.2	⁶¹ 1.8	¹³ 61 18	619
Mexico	12,910	(NA)	5.5	6.5	100	3.6	13.3	¹² 13 158	670
Morocco	3,981	(NA)	¹² 62 (Z)	.8	44	.2	2.6	¹⁹ 14	261
Netherlands	4,169	⁵³ 54 1,022	4.9	4.5	322	(NA)	3.9	28	313
New Zealand	⁹ 1,028	²² 48 65 299	(NA)	.9	280	-	.9	(NA)	111
Nigeria	16,036	¹⁸ 44 64 186	(NA)	1.8	27	(NA)	1.3	¹² 13 5	506
Norway	1,469	²⁰ 22 367	.7	1.6	405	2.4	2.3	1	3,562
Pakistan	39,591	(NA)	(NA)	.7	9	(NA)	¹⁴ 3.1	¹³ 14 60 283	249
Peru	3,872	²⁰ 30 258	²¹ 4	.6	37	4.0	²¹ 2.0	(NA)	2,530
Philippines	11,355	¹⁹ 20 532	(NA)	1.4	31	-	4.1	¹³ 47 31	1,511
Poland	16,944	⁵⁶ 4,284	17.3	18.7	540	⁵⁷ 2	21.3	⁴¹ 219	565
Portugal	3,424	¹⁶ 22 60 629	.4	1.5	156	(Z)	4.3	¹³ 85	310
Romania	10,362	⁶⁸ 1,635	11.5	¹² 9.8	¹² 464	.6	13.1	⁴¹ 47 171	151
South Africa	7,986	⁵⁶ 60 1,315	²⁹ 68 7.2	¹¹ 4.9	¹¹ 161	16.6	6.6	67	603

See footnotes at end of table.

NO. 1563. LABOR FORCE, MANUFACTURING, STEEL, IRON ORE, CEMENT, COTTON YARN, AND FISH, BY COUNTRY: 1977—Continued

[See headnote, page 884]

COUNTRY	Eco- nomically active popula- tion ¹ (1,000)	Persons engaged in manufacturing ² (1,000)	STEEL			PRODUCTION			Fish catches ⁸ (1,000 metric tons)
			Produc- tion ³ (mil. metric tons)	Consumption ⁴		Iron ore ⁵ (iron con- tent) (mil. metric tons)	Ce- ment ⁶ (mil. metric tons)	Cotton yarn ⁷ (1,000 metric tons)	
				Total (mil. metric tons)	Per capita (kilo- grams)				
Soviet Union.....	115,204	30,562	146.7	²² 145.6	²² 567	131.4	127.1	1,597	9,352
Spain.....	11,865	^{16 22 72} 2,279	10.9	9.1	249	4.2	28.0	66	1,455
Sri Lanka.....	3,459	(NA)	(NA)	(z)	2	(NA)	.4	^{13 5} 139	139
Sweden.....	3,413	925	4.0	3.8	463	16.1	2.5	^{22 7} 192	192
Switzerland.....	3,005	^{16 75} 675	⁷⁴ .7	2.3	356	(NA)	3.6	45	4
Syria.....	1,525	176	(NA)	.6	76	(NA)	1.4	^{13 28} 2	2
Thailand.....	16,850	(NA)	²¹ .3	1.4	31	(z)	5.1	^{18 22 47} 73	1,778
Tunisia.....	1,094	^{16 22 75} 84	⁶² .2	.4	63	2	.6	^{13 22 7} 38	38
Turkey.....	15,829	^{22 32} 738	1.5	4.7	112	1.4	13.4	^{22 30} 167	²⁴ 155
United Kingdom.....	⁷⁶ 22,754	¹² 7,472	20.4	19.5	349	.9	15.5	126	1,004
Uruguay.....	1,012	239	(z)	(z)	16	-	²¹ .7	(NA)	48
Venezuela.....	3,015	¹² 324	²¹ .8	3.6	285	8.5	3.3	⁴³ 16	152
Vietnam.....	⁷⁷ 5,742	(NA)	(NA)	.3	7	(NA)	²¹ .7	^{13 30 77} 10	^{24 77} 1,014
Yugoslavia.....	8,890	^{22 78} 1,811	2.4	5.2	239	1.5	8.2	121	61
Zimbabwe.....	110	(NA)	²¹ .3	.5	74	²¹ .3	.5	(NA)	²⁴ 2

- Represents zero. NA Not available. Z Less than 50,000 metric tons; except cotton, less than 500 metric tons. ¹ Comprises all persons engaged in or actively seeking productive work in some branch of the economy during a specified period of time. Generally, data are for a specific date in the 1960's and 1970's. ² Comprises average number of employees, working proprietors, and unpaid family workers engaged in production of manufactured goods, including assembly of component parts and, except in the case of consumer goods, repair services. Except as noted, excludes gas manufacture and electricity. ³ Total production of crude steel, both ingots and steel for castings. Excludes wrought (puddled) iron. ⁴ Data represent apparent consumption (i.e. production plus imports minus exports) and do not take into account changes in stocks. ⁵ Refers generally to iron content of marketable ores mined, including manganiferous iron ores but excluding pyrites. Some data are rough estimates obtained by applying a fixed percentage to figures for crude ore production. ⁶ Covers, as far as possible, all hydraulic cements used for construction (portland, metallurgical, aluminous, natural, etc.). ⁷ Covers pure and mixed yarn, including yarn spun from cotton waste, and excludes tire cord yarn, except as noted. ⁸ Covers both sea and inland fisheries, in terms of live weight, includes shellfish; excludes whales, dolphins, etc. ⁹ Excludes Armed Forces abroad. ¹⁰ Excludes steel for castings made in foundries operated by companies not producing ingots. ¹¹ Includes iron content of byproduct ore. ¹² For 1975. ¹³ Pure cotton yarn only. ¹⁴ Year ending June 30. ¹⁵ All establishments except single-establishment enterprises with fewer than 4 employees. ¹⁶ For one period of the year indicated. ¹⁷ Establishments with 20 or more employees. ¹⁸ Luxembourg included with Belgium. ¹⁹ For 1974. ²⁰ Establishments with 5 or more engaged. ²¹ Data from U. S. Bureau of Mines. ²² For 1976. ²³ Production in the State of Sao Paulo only. ²⁴ FAO estimate. ²⁵ All enterprises in socialist sector except publishing. ²⁶ Excludes armed services. ²⁷ Shipments from mines. ²⁸ Establishments with 50 or more engaged. ²⁹ Ingots only. ³⁰ For 1973. ³¹ Source: U.S. Bureau of the Census. Data from Republic of China publications. ³² For 1978. ³³ Establishments with 10 or more engaged. ³⁴ Establishments with 6 or more employees. ³⁵ Mixed yarn only. ³⁶ Establishments with 7 or more engaged. ³⁷ Private establishments with 10 or more engaged and all public establishments. ³⁸ Establishments with 5 or more employees. ³⁹ Total mining and manufacturing. ⁴⁰ All enterprises. ⁴¹ Includes tire cord yarn. ⁴² Establishments with 20 or more engaged. ⁴³ For 1972. ⁴⁴ Includes homeworkers. ⁴⁵ Establishments with 30 or more engaged. ⁴⁶ Includes Armed Forces abroad. ⁴⁷ Excludes yarn made from waste. ⁴⁸ Year ending March 31. ⁴⁹ Establishments with 10 or more engaged using power, or with 20 or more engaged not using power. ⁵⁰ Mill production only. ⁵¹ Establishments with 20 or more workers. ⁵² Year ending March 20. ⁵³ Year beginning March 21. ⁵⁴ Establishments with 10 or more employees. ⁵⁵ Establishments with 3 or more engaged. ⁵⁶ Data from International Cotton Advisory Committee. ⁵⁷ Enterprises with 20 or more engaged. ⁵⁸ All private establishments. ⁵⁹ Includes iron content of iron sand and pyrites. ⁶⁰ Establishments in selected industries. ⁶¹ West Malaysia only. ⁶² Crude steel for casting only. ⁶³ Work-years. ⁶⁴ All kind-of-activity units in mining and manufacturing. ⁶⁵ Establishments with 2 or more engaged. ⁶⁶ All establishments in the socialist sector, except publishing. ⁶⁷ Includes iron content of iron pyrites. ⁶⁸ Slate enterprises under direction of central government. ⁶⁹ For one period of year ending June 30, 1976. ⁷⁰ Includes concast steel billets. ⁷¹ Includes data for Botswana, Lesotho, Namibia, and Swaziland. ⁷² All establishments, but certain industries not covered. ⁷³ Establishments subject to labor laws. ⁷⁴ Data from UN Economic Commission for Europe. ⁷⁵ All units with 5 or more employees. ⁷⁶ For England and Wales only. ⁷⁷ Data for former Republic of South Vietnam only. ⁷⁸ All enterprises in the socialist sector, except licensed handicrafts.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook and Demographic Yearbook*. (Copyright.)

NO. 1564. PRIMARY ENERGY PRODUCTION BY SOURCE OF ENERGY AND REGION: 1960 TO 1979

[In millions of metric tons of coal equivalent. See text, p. 864, for general comments concerning the data]

SOURCE OF ENERGY AND YEAR	World, total	Africa	United States	Other Western Hemisphere	Middle East	Other Asia	Western Europe	Eastern Europe	Soviet Union	Oceania
Total primary energy:										
1960.....	4,305	56	1,806		388	527	542	958		29
1965.....	5,409	208	2,216		618	469	552	1,306		38
1970.....	7,150	486	2,130	664	1,046	602	538	407	1,208	70
1975.....	8,214	437	1,990	677	1,484	859	630	459	1,567	111
1977.....	8,973	544	1,989	703	1,677	1,014	691	483	1,743	127
1978.....	9,145	546	1,992	732	1,604	1,107	730	493	1,812	129
1979.....	9,560	589	2,088	806	1,619	1,139	801	502	1,884	133
Coal and lignite:										
1960.....	2,036	35	997		4	463	474	635		27
1965.....	2,124	48	480		6	382	455	717		33
1970.....	2,260	54	540	21	7	442	383	331	450	53
1975.....	2,427	62	541	33	8	552	312	361	490	69
1977.....	2,570	74	552	37	8	626	301	377	515	79
1978.....	2,608	78	516	40	8	688	300	385	511	81
1979.....	2,737	82	607	43	8	703	305	396	511	83
Crude petroleum: ¹										
1960.....	1,588	20	881		380	47	23	236		(Z)
1965.....	2,278	156	1,044		606	62	32	378		(Z)
1970.....	3,423	427	777	499	1,017	121	29	27	514	12
1975.....	3,981	356	683	452	1,433	238	43	29	715	31
1977.....	4,467	449	672	458	1,626	304	101	30	795	33
1978.....	4,517	440	702	477	1,553	321	129	29	832	33
1979.....	4,693	478	696	529	1,570	330	167	27	861	35
Natural gas:										
1960.....	597	(Z)	492		3	6	16	79		(NA)
1965.....	893	3	646		6	11	26	200		(Z)
1970.....	1,312	3	780	114	21	18	99	47	228	2
1975.....	1,583	14	707	158	41	41	214	66	344	7
1977.....	1,685	16	707	158	41	53	217	72	411	11
1978.....	1,743	22	705	160	41	61	227	74	442	11
1979.....	1,843	23	719	176	38	66	252	74	484	11
Hydro and nuclear electricity: ²										
1960.....	85	1	36		(Z)	11	29	7		1
1965.....	116	2	45		(Z)	17	39	11		2
1970.....	155	3	34	28	1	21	47	2	16	3
1975.....	224	5	59	43	1	29	62	3	18	4
1977.....	250	6	59	50	2	31	72	4	22	4
1978.....	277	6	69	55	2	36	74	5	26	4
1979.....	287	7	67	58	2	40	77	5	28	4

NA Not available. Z Less than 500,000. ¹ Includes natural gas liquids. ² Includes geothermal.

Source: Statistical Office of the United Nations, New York, N.Y., 1979 Yearbook of World Energy Statistics. (Copyright.)

NO. 1565. ENERGY, PETROLEUM, AND COAL, BY COUNTRY: 1970 TO 1980

[Metric ton = 1.1023 short tons. See text, p. 864, for general comments about the data. For additional data qualifications for countries, see source]

COUNTRY	ENERGY CONSUMED ¹ (coal equiv.)				ELECTRIC ENERGY PRODUCTION ² (bil. kWh)		CRUDE PETROLEUM PRODUCTION ³ (mil. metric tons)		COAL PRODUCTION ⁴ (mil. metric tons)	
	Total (mil. metric tons)		Per capita (kilograms)		1970	1980	1970	1979	1970	1979
	1970	1980	1970	1980						
World, total.....	6,820.1	(NA)	1,892	(NA)	4,923	(NA)	2,277	3,123	2,143	2,698
United States.....	2,227.1	2,369.7	10,870	10,410	⁵ 1,640	² 2,356	475.3	419.9	550.4	665.7
Algeria.....	3.0	15.0	212	808	2.0	6.2	49.0	54.5	(Z)	(Z)
Argentina.....	37.9	49.2	1,595	1,818	21.7	40.6	20.0	24.3	.6	.7
Australia.....	64.1	88.2	5,123	6,032	⁶ 53.9	95.9	⁷ 8.5	21.6	45.2	74.8
Austria.....	24.6	31.2	3,319	4,160	30.0	42.0	2.8	1.7	-	(NA)
Bahrain.....	.6	5.5	2,698	15,275	⁸ 2	¹ 1.1	3.8	2.6	(NA)	(NA)
Bangladesh.....	(NA)	4.1	(NA)	46	(NA)	2.6	(NA)	(NA)	11.4	6.1
Belgium.....	54.2	59.5	5,608	6,037	30.5	53.6	(NA)	(NA)	2.4	4.6
Brazil.....	41.5	93.6	449	761	⁹ 45.5	¹⁰ 137.4	8.0	8.0		
Bulgaria.....	32.1	50.3	3,775	5,678	19.5	34.8	.3	.2	.4	.3
Burma.....	1.6	2.2	59	63	.6	1.4	.8	1.5	(Z)	(Z)
Canada.....	187.2	245.2	8,779	10,241	⁵ 204.7	³ 366.7	60.4	73.3	11.6	26.0
Chile.....	10.4	10.9	1,113	985	7.6	11.5	1.5	.8	1.4	.9
China: Mainland.....	347.7	565.5	429	602	¹¹ 107.0	⁸ 300.6	23.9	106.2	⁹ 360.0	635.0
Taiwan ¹²	15.3	¹² 37.7	1,055	¹² 2,202	14.0	¹³ 40.7	(NA)	(NA)	4.5	2.7
Colombia.....	12.1	21.2	589	769	8.8	20.6	11.3	6.5	2.3	5.0
Cuba.....	8.5	13.1	1,000	1,328	4.9	9.8	.2	.2	(NA)	(NA)
Czechoslovakia.....	77.4	99.3	5,402	6,482	45.2	74.1	.2	.1	¹⁴ 28.2	¹⁴ 28.8

See footnotes at end of table.

NO. 1565. ENERGY, PETROLEUM, AND COAL, BY COUNTRY: 1970 TO 1980—Continued

[Metric ton=1,023 short tons. See text, p. 864, for general comments about the data. For additional data qualifications for countries, see source]

COUNTRY	ENERGY CONSUMED ¹ (coal equiv.)				ELECTRIC ENERGY PRODUCTION ² (bil. kWh)		CRUDE PETROLEUM PRODUCTION ³ (mil. metric tons)		COAL PRODUCTION ⁴ (mil. metric tons)	
	Total (mil. metric tons)		Per capita (kilograms)		1970	1980	1970	1979	1970	1979
	1970	1980	1970	1980						
Denmark.....	26.8	26.7	5,420	5,224	20.0	25.4	-	.4	(NA)	(NA)
Ecuador.....	1.7	5.0	282	598	.9	3.2	-	10.9	(NA)	(NA)
Egypt.....	8.7	20.8	260	496	7.6	18.5	16.4	24.9	-	(NA)
Ethiopia.....	.7	.9	27	29	¹⁸ .5	.7	(NA)	(NA)	(NA)	(NA)
Finland.....	18.7	24.5	4,070	5,135	⁸ 21.2	⁸ 38.6	(NA)	(NA)	(NA)	(NA)
France ¹⁹	193.6	233.7	3,814	4,351	147.0	257.8	2.3	1.2	¹⁴ 37.8	¹⁴ 19.9
German Dem. Rep.....	104.5	124.0	6,128	7,408	67.7	98.8	.1	.1	1.0	.1
Germany, Fed. Rep.....	311.1	352.5	5,124	5,727	242.6	368.8	7.5	4.8	¹⁷ 118.3	86.3
Greece.....	9.8	20.5	1,109	2,137	9.8	22.4	-	(NA)	(NA)	(NA)
Hong Kong.....	3.8	7.3	952	1,433	⁸ 5.1	⁸ 12.6	(NA)	(NA)	(NA)	(NA)
Hungary.....	29.0	41.2	2,809	3,850	14.5	23.9	1.9	2.0	¹⁴ 4.2	¹⁴ 3.0
India.....	76.4	126.4	142	191	¹⁸ 61.2	116.3	6.8	12.8	73.7	103.4
Indonesia.....	13.8	33.3	116	220	2.3	7.1	42.6	78.3	.2	.3
Iran.....	27.2	46.7	947	1,246	7.0	17.2	191.3	153.3	⁹ 19.5	.9
Iraq.....	5.7	7.9	603	606	2.8	8.0	²⁰ 76.5	188.6	(NA)	(NA)
Ireland.....	7.7	10.2	2,628	2,955	¹⁸ 6.1	10.9	(NA)	(NA)	.2	.1
Israel.....	5.9	9.2	1,986	2,367	6.9	12.5	²¹ 5.0	(Z)	(NA)	(NA)
Italy.....	²² 142.0	²² 189.3	²² 2,647	²² 3,318	²² 117.4	²² 186.3	1.4	1.7	.3	(Z)
Japan.....	317.4	408.0	3,098	3,494	¹⁸ 359.5	612.0	.8	.5	²³ 39.7	17.8
Korea, Dem. Peo. Rep.....	28.5	48.5	2,050	2,710	⁸ 16.5	⁸ 35.0	(NA)	(NA)	⁹ 21.8	35.0
Korea, Republic of.....	20.9	54.3	648	1,422	9.6	40.0	(NA)	(NA)	12.4	18.2
Kuwait.....	²⁴ 4.4	²⁴ 9.1	²⁴ 5,855	²⁴ 6,720	²⁴ 2.7	²⁴ 9.3	²⁴ 150.6	²⁴ 126.0	(NA)	(NA)
Libya.....	1.3	6.5	672	2,180	⁸ 4	⁸ 3.1	159.8	99.3	(NA)	(NA)
Malaysia.....	6.1	11.3	582	838	3.5	9.0	.9	12.8	(NA)	(NA)
Mexico.....	53.5	127.3	1,055	1,770	⁸ 28.7	⁸ 64.2	21.5	74.9	3.0	6.9
Morocco.....	2.9	6.9	184	340	1.9	4.8	(Z)	(Z)	.4	.7
Netherlands.....	59.9	87.8	4,595	6,208	40.9	64.8	1.9	1.3	4.3	(NA)
Nigeria.....	2.7	11.1	49	144	1.6	5.0	54.2	114.5	.1	.2
Norway.....	17.9	26.3	4,618	6,437	57.6	84.0	-	18.3	.5	.3
Pakistan.....	²⁵ 10.7	18.0	²⁵ 82	218	⁸ 25.8	16.1	.5	.5	⁶ 10.3	1.3
Peru.....	8.0	11.0	596	619	5.5	9.8	3.6	10.3	.2	(Z)
Philippines.....	9.7	15.3	263	316	8.7	18.0	-	1.3	(Z)	.3
Poland.....	137.5	198.8	4,226	5,586	64.5	121.9	.4	.4	140.1	201.0
Portugal.....	6.4	10.9	712	1,097	7.5	15.0	(NA)	(NA)	.3	.2
Romania.....	61.4	102.3	3,032	4,593	35.1	67.5	13.4	12.3	6.4	7.5
Saudi Arabia.....	²⁴ 3.8	²⁴ 12.4	²⁴ 608	²⁴ 1,479	²⁴ 1.1	²⁴ 9.0	²⁴ 188.4	²⁴ 476.0	(NA)	(NA)
South Africa ²⁶	56.7	85.7	2,241	2,595	50.8	95.8	(NA)	(NA)	54.6	95.4
United Arab Emirates.....	991.4	1,485.7	4,084	5,595	740.9	1,295.0	⁷ 353.0	590.9	432.7	495.0
Spain.....	49.5	95.0	1,467	2,539	56.5	110.2	.2	.9	¹⁴ 10.8	¹⁴ 11.7
Sudan.....	(NA)	1.2	(NA)	65	.4	1.0	(NA)	(NA)	(NA)	(NA)
Sweden.....	46.4	43.8	5,769	5,269	60.6	96.3	(NA)	(NA)	(Z)	(Z)
Switzerland.....	²⁷ 20.2	²⁷ 23.7	²⁷ 3,222	²⁷ 3,708	⁸ 33.2	⁸ 27	48.2	(NA)	(NA)	(NA)
Syria.....	2.4	9.4	366	1,047	.9	3.4	4.2	8.9	(NA)	(NA)
Tanzania.....	.8	1.0	57	55	.5	.7	(NA)	(NA)	(Z)	(Z)
Thailand.....	6.7	17.2	183	371	4.5	15.0	⁸ (Z)	(Z)	(NA)	(NA)
Trinidad and Tobago.....	5.0	5.8	4,907	5,105	1.2	1.8	7.2	11.1	(NA)	(NA)
Tunisia.....	1.5	3.4	288	536	.8	2.8	4.2	5.5	(NA)	(NA)
Turkey.....	16.5	33.1	472	737	8.6	23.3	3.5	2.6	4.6	4.5
United Arab Emirates.....	.6	4.4	2,537	5,449	⁸ 28.1	⁸ 4.5	37.7	89.8	(NA)	(NA)
United Kingdom.....	278.7	276.2	5,029	4,942	249.0	281.5	.1	77.8	¹⁴ 147.1	¹⁴ 122.4
Venezuela.....	24.3	47.0	2,362	3,375	12.7	31.0	194.3	123.5	(Z)	.1
Vietnam.....	12.6	7.8	300	148	2.1	3.9	(NA)	(NA)	3.0	6.0
Yugoslavia.....	28.7	45.8	1,409	2,049	26.0	58.9	2.9	4.1	.6	.4
Zaire.....	1.5	1.9	68	67	3.2	4.4	-	1.0	.1	.1
Zambia.....	2.0	2.8	464	475	⁸ 5.9	⁸ 6.9	(NA)	(NA)	.6	.6

- Represents zero. NA Not available. Z Less than 50,000 metric tons. ¹ Based on apparent consumption of coal, lignite, petroleum products, natural gas, and hydro and nuclear electricity. ² Comprises production by utilities generating primarily for public use, and production by industrial establishments generating primarily for own use. Relates to production at generating centers, including station use and transmission losses. ³ Includes shale oil, but excludes natural gasoline. ⁴ Excludes lignite and brown coal, except as noted. ⁵ Net production, i.e. excluding station use. ⁶ Year ending June 30. ⁷ Includes gas condensates. ⁸ Excludes production by industrial establishments for own use. ⁹ Data from U.S. Bureau of Mines. ¹⁰ Includes lignite and brown coal. ¹¹ Source: U.S. Bureau of the Census. Data from Republic of China publications. ¹² For 1978. ¹³ For 1979. ¹⁴ Includes slurries. ¹⁵ Year ending Sept. 10. ¹⁶ Includes Monaco. ¹⁷ Includes low grade coal at its hard-coal equivalent. ¹⁸ Year beginning April. ¹⁹ Year beginning March 21. ²⁰ Data from OPEC. ²¹ Includes estimated production in the occupied Sinai Peninsula (1970, 4.9 million metric tons). ²² Includes San Marino. ²³ Includes brown coal. ²⁴ Includes share of production and consumption in the Neutral Zone. ²⁵ Includes Bangladesh. ²⁶ Includes Botswana, Lesotho, Namibia, and Swaziland. ²⁷ Includes Liechtenstein. ²⁸ Abu Dhabi only.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook* (copyright); and 1979 *Yearbook of World Energy Statistics*. (Copyright.)

NO. 1566. WHEAT AND RICE—PRODUCTION, BY COUNTRY: 1971 TO 1980

[In thousands of metric tons. Rice data cover rough and paddy, except as noted. Data for each country pertain to the calendar year in which all or most of the crop was harvested. See text, p. 864, for general comments concerning quality of the data]

COUNTRY	WHEAT					RICE				
	1971- 1975, average	1977	1978	1979	1980	1971- 1975, average	1977	1978	1979	1980
World, total	358,794	390,697	449,372	428,065	444,534	329,180	369,729	385,885	376,378	399,779
United States	47,792	55,420	48,322	58,080	64,492	4,579	4,501	6,040	5,985	6,580
Afghanistan	2,633	2,652	2,813	2,663	2,700	405	400	428	439	421
Argentina	6,936	5,390	8,100	8,100	7,830	302	320	310	312	266
Australia	10,104	9,370	18,066	15,697	10,800	331	530	490	692	613
Austria	965	1,072	1,195	850	1,201	(1)	(1)	(NA)	(NA)	(NA)
Bangladesh	109	259	348	494	1,200	16,793	19,441	19,582	18,403	20,990
Belgium	2,858	2,795	2,102	2,105	2,877	(1)	(1)	(NA)	(NA)	(NA)
Brazil	1,934	2,066	2,691	2,927	2,614	7,012	8,994	7,296	7,589	9,746
Bulgaria	3,123	3,028	3,466	3,365	3,700	63	68	61	73	75
Burma	39	75	92	41	74	8,386	9,462	10,500	10,448	13,317
Canada	15,092	19,862	21,146	17,185	19,131	(1)	(1)	(NA)	(NA)	(NA)
Chile	1,050	1,219	893	995	966	64	120	105	181	95
China:										
Mainland	36,601	45,001	52,002	62,803	54,158	121,532	129,470	138,202	146,967	142,301
Columbia	58	29	38	42	41	1,231	1,307	1,715	1,933	1,892
Cuba	(1)	(1)	(NA)	(NA)	(NA)	375	459	458	425	500
Czechoslovakia	4,860	5,214	5,601	3,736	5,100	(1)	(1)	(NA)	(NA)	(NA)
Denmark	366	606	642	589	648	(1)	(1)	(NA)	(NA)	(NA)
Ecuador	57	40	29	31	23	241	328	233	303	356
Egypt	1,821	1,699	1,943	1,856	1,796	2,396	2,275	2,358	2,507	2,348
Ethiopia	648	605	429	449	468	(1)	(1)	(NA)	(NA)	(NA)
Finland	516	295	241	208	284	(1)	(1)	(NA)	(NA)	(NA)
France	17,022	17,350	20,970	19,393	23,668	56	23	35	20	27
German Dem. Rep.	2,797	2,914	3,147	3,116	3,600	(1)	(1)	(NA)	(NA)	(NA)
Germany, Fed. Rep.	7,132	7,235	8,118	8,061	8,156	(1)	(1)	(NA)	(NA)	(NA)
Greece	1,934	1,768	2,660	2,397	2,931	87	94	93	93	78
Hungary	4,299	5,319	5,677	3,709	5,500	64	35	23	41	340
India	24,172	29,010	31,749	35,508	31,564	64,510	79,006	80,660	63,611	83,000
Indonesia	(1)	(1)	(NA)	(NA)	(NA)	21,151	23,356	25,781	26,283	28,680
Iran	4,644	5,517	5,700	5,800	6,000	1,265	1,400	1,280	1,420	1,150
Iraq	1,318	696	910	880	1,300	172	199	172	284	220
Ireland	264	250	247	260	235	(1)	(1)	(NA)	(NA)	(NA)
Israel	252	220	169	133	250	(1)	(1)	(NA)	(NA)	(NA)
Italy	9,528	6,347	9,332	9,140	9,291	950	693	879	1,014	911
Japan	280	236	367	541	583	15,689	17,000	18,348	14,948	12,189
Kampuchea	(1)	(1)	(NA)	(NA)	(NA)	1,569	1,800	1,500	850	1,000
Korea, Dem. Rep.	292	310	350	370	380	3,195	4,610	4,500	4,800	4,800
Korea, Republic of	123	45	36	42	92	5,915	8,291	8,352	7,881	6,000
Laos	(1)	(1)	(NA)	(NA)	(NA)	865	847	796	925	1,000
Madagascar	(1)	(1)	(1)	31	31	1,855	2,154	1,914	2,250	2,327
Malaysia	(1)	(1)	(NA)	(NA)	(NA)	1,942	1,922	1,498	2,098	2,129
Mexico	2,264	2,456	2,785	2,339	2,645	476	587	402	500	483
Nepal	275	362	411	415	440	2,365	2,282	2,339	2,080	2,444
Netherlands	676	661	792	836	882	(1)	(1)	(NA)	(NA)	(NA)
New Zealand	297	354	329	295	325	(1)	(1)	(NA)	(NA)	(NA)
Pakistan	7,222	9,144	8,367	9,950	10,805	3,598	4,424	4,908	4,824	4,800
Panama	(1)	(1)	(NA)	(NA)	(NA)	157	166	162	170	199
Peru	124	120	(1)	104	85	516	587	468	557	423
Philippines	(1)	(1)	(NA)	(NA)	(NA)	5,386	6,895	7,198	7,236	7,431
Poland	5,605	5,306	6,029	4,187	4,200	(1)	(1)	(NA)	(NA)	(NA)
Portugal	624	229	255	233	377	151	112	135	135	155
Romania	5,399	6,463	6,243	4,678	6,470	57	47	58	60	85
South Africa	1,735	1,860	1,890	2,090	1,470	3	3	3	3	3
Soviet Union	88,935	92,165	120,824	90,211	98,100	1,753	2,217	2,096	2,394	2,800
Spain	4,564	4,064	4,806	4,082	5,901	368	379	401	427	433
Sri Lanka	(1)	(1)	(NA)	(NA)	(NA)	1,355	1,677	1,890	1,917	2,383
Sweden	1,352	1,522	1,290	1,030	1,291	(1)	(1)	(NA)	(NA)	(NA)
Switzerland	386	323	408	425	403	(1)	(1)	(NA)	(NA)	(NA)
Syria	1,249	1,217	1,651	1,319	2,229	1	(1)	(NA)	(NA)	(NA)
Thailand	(1)	(1)	(NA)	(NA)	(NA)	13,948	13,921	17,530	15,758	18,000
Turkey	12,372	16,720	16,764	17,819	17,455	248	270	305	363	367
United Kingdom	5,045	5,274	6,613	7,170	8,147	(1)	(1)	(NA)	(NA)	(NA)
Uruguay	354	173	174	430	300	148	226	248	248	285
Venezuela	1	(1)	1	1	1	256	496	502	653	681
Vietnam	(1)	(1)	(NA)	(NA)	(NA)	10,732	10,885	10,040	10,742	10,000
Yugoslavia	5,177	5,595	5,355	4,512	5,078	33	36	34	34	34

NA Not available. ¹ None or negligible. ² Includes Luxembourg. ³ FAO estimate.

Source: Food and Agriculture Organization of the United Nations, Rome, Italy, 1980 FAO Production Yearbook, vol. 34, (copyright).

No. 1567. CORN, MEAT, AND SUGAR—PRODUCTION, BY COUNTRY: 1971 TO 1980

[In thousands of metric tons. Data for each country pertain to the calendar year in which all or most of the crop was harvested. See text, p. 864, for general comments concerning the data]

COUNTRY	CORN			MEAT ¹			SUGAR ²		
	1978	1979	1980	1971-1976, average	1977	1978	1978	1979	1980
World, total.....	390,104	418,598	392,249	93,407	102,494	104,360	90,258	88,329	85,431
United States.....	184,614	201,655	168,855	16,936	18,013	17,605	5,353	5,096	5,207
Argentina.....	9,500	8,700	6,410	2,683	3,269	3,540	1,397	1,411	1,710
Australia.....	130	169	127	³ 2,268	³ 2,722	³ 2,843	2,902	2,963	3,315
Austria.....	1,166	1,347	1,293	480	492	⁴ 504	357	397	435
Belgium ⁵	37	37	35	855	872	921	728	830	912
Brazil.....	13,569	16,309	20,377	2,909	3,343	3,148	7,767	7,020	8,300
Bulgaria.....	2,236	3,223	⁴ 3,300	387	453	⁴ 466	180	240	230
Canada.....	4,032	4,983	5,462	1,578	1,687	1,635	123	133	115
Chile.....	257	489	405	247	253	248	132	104	63
China: Mainland ⁶	53,107	60,099	59,705	13,899	16,536	17,017	3,213	3,582	3,673
Colombia.....	862	870	813	⁴ 518	⁴ 531	⁴ 547	1,027	1,105	1,230
Cuba.....	⁴ 95	⁴ 95	⁴ 95	⁴ 200	⁴ 202	⁴ 208	7,457	8,048	6,787
Czechoslovakia.....	619	949	700	1,053	1,136	⁴ 1,214	885	922	810
Denmark.....	(NA)	(NA)	(NA)	982	987	1,031	442	480	464
Dominican Republic.....	49	38	49	55	59	62	1,139	1,200	1,090
Egypt.....	3,117	2,938	3,230	273	⁴ 294	⁴ 292	635	668	662
El Salvador.....	507	523	537	⁴ 41	47	48	288	277	207
Ethiopia.....	992	1,067	1,144	337	⁴ 338	⁴ 343	157	166	184
France.....	9,531	10,222	9,219	3,382	3,414	⁴ 3,507	4,065	4,313	4,250
German Dem. Rep.....	2	6	⁴ 2	1,395	1,608	⁴ 1,616	780	720	770
Germany, Fed. Rep. of.....	617	741	672	3,651	3,856	⁴ 3,999	2,987	3,087	2,935
Ghana.....	340	365	339	⁴ 32	⁴ 27	⁴ 29	8	6	8
Greece.....	537	731	1,223	306	343	341	354	311	198
Guatemala.....	906	941	1,058	77	83	93	410	377	398
Hungary.....	6,655	7,396	⁴ 7,000	894	1,002	⁴ 1,031	551	510	482
India.....	6,199	5,578	6,400	⁴ 620	⁴ 642	⁴ 646	7,018	6,367	4,300
Indonesia.....	4,029	3,606	3,600	301	⁴ 326	⁴ 328	1,105	1,307	1,403
Iran.....	60	57	⁴ 60	⁴ 331	⁴ 358	⁴ 366	620	450	600
Ireland.....	(NA)	(NA)	(NA)	469	551	556	204	190	187
Italy.....	6,221	6,260	6,493	1,812	2,000	⁴ 2,075	1,620	1,707	1,892
Japan.....	7	5	3	1,288	1,526	⁴ 1,590	712	710	⁴ 727
Kenya.....	2,169	1,800	⁴ 1,900	⁴ 161	⁴ 164	⁴ 181	258	322	420
Malaysia.....	12	13	13	⁷ 62	⁷ 63	⁷ 62	55	75	90
Mexico.....	10,930	8,124	11,081	899	1,028	1,033	3,072	3,078	2,950
Morocco.....	390	312	333	159	133	135	398	345	⁴ 360
Netherlands.....	5	5	5	1,221	1,369	1,444	1,034	915	951
Nigeria.....	⁴ 1,480	⁴ 1,500	⁴ 1,550	⁴ 314	⁴ 330	⁴ 339	31	35	35
Pakistan.....	799	875	963	424	553	⁴ 570	936	660	625
Peru.....	623	646	425	190	182	186	858	715	550
Philippines.....	2,855	3,167	3,117	484	518	535	2,335	2,269	2,450
Poland.....	119	181	81	2,261	2,279	2,601	1,763	1,724	1,180
Portugal.....	499	456	468	224	249	252	10	10	⁴ 5
Romania.....	10,208	12,425	11,180	978	1,165	⁴ 1,108	603	570	570
South Africa.....	9,930	8,240	10,230	683	708	⁴ 744	2,082	2,079	1,622
Soviet Union.....	8,951	8,373	9,700	12,258	12,732	⁴ 13,085	9,100	7,500	7,600
Spain.....	1,969	2,212	2,297	1,106	1,310	1,358	1,143	719	949
Sweden.....	(NA)	(NA)	(NA)	417	455	459	327	358	327
Switzerland.....	105	134	108	374	413	⁴ 417	99	108	96
Thailand.....	2,791	3,300	3,150	⁴ 365	⁴ 352	⁴ 363	1,624	1,845	1,086
Turkey.....	1,300	1,350	1,150	563	616	⁴ 624	1,079	1,052	1,000
Uganda.....	⁴ 660	⁴ 500	⁴ 500	84	⁴ 93	⁴ 94	10	4	5
United Kingdom.....	2	1	⁴ 1	2,186	2,133	2,005	1,111	1,254	1,210
Uruguay.....	172	71	119	393	404	405	102	73	86
Venezuela.....	804	848	584	313	372	384	402	351	371
Vietnam.....	485	475	⁴ 520	⁴ 470	⁴ 511	⁴ 550	87	102	⁴ 130
Yugoslavia.....	7,585	10,084	9,106	850	1,048	⁴ 1,057	753	851	805
Zaire.....	500	430	⁴ 500	⁴ 55	⁴ 59	⁴ 60	52	55	⁴ 50
Zimbabwe.....	1,616	1,200	1,600	⁴ 163	⁴ 189	⁴ 171	309	299	⁴ 300

NA Not available. ¹ Beef and veal (incl. buffalo meat), pork (incl. bacon and ham), and mutton and lamb (incl. goat meat). Refers to meat from animals slaughtered within the national boundaries irrespective of origin of animals, and relates to commercial and farm slaughter. In terms of carcass weight. Excludes lard, tallow, and edible offals, except as noted. ² Beet and cane. Data generally in terms of raw sugar. ³ Year ending June 30. ⁴ FAO estimate. ⁵ Includes Luxembourg for corn and meat. ⁶ Excludes data for 1971. ⁷ West Malaysia only.

Source: Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*, (copyright), and Food and Agriculture Organization of the United Nations, Rome, Italy, *1980 FAO Production Yearbook*, vol. 34, (copyright).

NO. 1568. FOREIGN TRADE AND TRANSPORTATION—SHIPPING, RAILWAYS, AVIATION, AND MOTOR VEHICLES, BY COUNTRY

[See text, p. 864, for general comments about the data. Statistical coverage of all these items varies considerably among countries; for details, see source]

COUNTRY	FOREIGN TRADE, ¹ 1977		SHIPPING			RAIL TRAFFIC, ⁴ 1977		Civil aviation, kilometers flown, ⁵ 1977 (mil.)	Motor vehicles in use, ⁶ 1977 (1,000)
	Imports (mil. dol.)	Exports (mil. dol.)	Merchant shipping fleets, ² 1978 (1,000 gross tons)	Freight, ³ 1977 (mil. metric tons)		Passenger-kilometers (mil.)	Freight, net-ton kilometers (mil.)		
				Loaded	Unloaded				
World, total.....	⁷ 1,154,600	⁷ 1,124,500	405,002	(NA)	(NA)	(NA)	(NA)	8,090	362,070
United States.....	156,758	119,042	⁹ 16,188	¹⁰ 11 250.2	¹⁰ 11 568.1	¹² 16,565	¹² 1,206,366	3,892.0	¹³ 135,155
Algeria.....	7,126	5,809	1,152	¹³ 46.3	¹³ 9.7	1,506	1,940	24.0	¹⁴ 441
Angola.....	¹⁵ 625	¹⁵ 1,227	(NA)	¹⁶ 10.0	¹⁶ 4.0	418	5,461	(NA)	¹⁶ 163
Argentina.....	4,162	5,650	2,001	¹⁷ 23.8	¹⁷ 10.6	12,011	11,567	73.0	¹⁵ 2,907
Australia.....	¹⁸ 12,175	13,002	1,532	¹⁹ 166.2	¹⁹ 25.4	(NA)	¹⁹ 32,028	186.7	6,880
Austria.....	14,243	9,808	(NA)	(NA)	(NA)	¹³ 6,712	¹³ 10,685	17.7	2,337
Belgium.....	²⁰ 40,142	²⁰ 37,457	304	38.7	57.8	7,667	6,468	48.2	3,168
Brazil.....	13,230	12,055	3,702	¹⁷ 81.9	¹³ 17 61.7	11,699	60,721	171.3	¹³ 7,314
Bulgaria.....	¹⁸ 6,329	6,329	1,082	2.9	19.1	7,343	17,080	10.6	(NA)
Canada.....	¹⁸ 39,561	41,452	⁹ 2,854	¹¹ 119.8	¹¹ 58.9	2,966	212,416	282.3	¹³ 11,333
Chile.....	2,035	2,190	466	¹⁶ 17 9.9	¹⁷ 21 6.2	2,382	2,207	21.5	479
China:									
Mainland.....	(NA)	(NA)	6,788	(NA)	(NA)	(NA)	²² 301,000	(NA)	(NA)
Taiwan ²³ ²⁴	11,027	12,687	1,603	10.1	44.1	8,004	2,647	34.1	432
Colombia.....	1,563	2,302	272	¹⁷ 1.5	¹⁷ 3.7	¹⁰ 511	1,215	45.8	²⁵ 558
Cuba.....	¹⁸ 4,066	¹⁹ 3,573	779	¹³ 6.1	¹³ 13.1	¹³ 767	¹³ 1,648	11.1	¹³ 120
Czechoslovakia.....	¹⁸ 11,149	10,818	151	(NA)	(NA)	19,172	71,550	28.6	2,118
Denmark.....	13,239	10,117	5,530	7.1	33.2	²⁶ 3,486	²⁸ 1,921	38.4	1,656
Dominican Republic.....	¹⁸ 848	794	(NA)	2.4	3.4	(NA)	(NA)	(NA)	¹⁵ 117
Ecuador.....	¹³ 993	1,218	201	¹⁷ 9.4	¹⁷ 3.8	¹⁴ 65	¹⁴ 46	14.2	¹⁴ 129
Egypt.....	²⁷ 4,808	1,726	456	6.4	10.8	¹³ 8,748	¹³ 2,201	23.1	347
Finland.....	7,603	7,670	2,359	14.1	25.6	2,977	6,399	28.3	1,220
France.....	70,498	63,560	12,197	34.8	183.9	51,804	66,228	270.0	10,340
German Dem. Rep.....	⁸ 18 14,344	⁸ 12,024	1,540	3.5	11.9	22,350	58,228	(NA)	2,807
Germany, Fed. Rep. of.....	100,672	117,895	9,737	32.4	104.2	36,543	35,712	181.5	21,410
Ghana.....	¹³ 862	¹³ 811	186	¹³ 2.3	¹³ 3.1	²¹ 431	²¹ 305	3.5	²⁵ 122
Greece.....	6,778	2,724	33,958	14.6	24.1	1,623	²⁸ 855	39.2	895
Hong Kong.....	10,457	9,626	875	6.5	19.1	279	49	(NA)	182
Hungary.....	6,522	5,832	(NA)	(NA)	(NA)	13,024	23,557	12.4	974
India.....	6,593	6,222	5,759	¹³ 28 36.2	¹³ 26 29.0	¹³ 26 163,836	¹³ 26 144,030	80.1	1,486
Indonesia.....	6,230	10,853	1,272	¹⁷ 85.3	¹⁷ 13.9	3,809	853	72.3	806
Iran.....	13,750	24,245	1,195	¹³ 20 191.2	¹³ 20 13.6	¹³ 3,511	¹³ 4,627	44.0	1,137
Iraq.....	3,898	9,664	1,306	36.0	4.1	²⁶ 797	²⁶ 2,254	13.9	225
Ireland.....	5,378	4,396	212	(NA)	(NA)	873	596	20.0	636
Israel.....	4,663	2,959	421	³⁰ 4.7	³⁰ 5.0	¹³ 280	535	33.7	420
Italy.....	47,580	45,063	7,036	38.4	217.6	38,361	17,100	137.9	¹³ 17,607
Ivory Coast.....	1,752	2,156	157	³¹ 3.1	³¹ 4.7	1,172	551	2.6	¹³ 128
Jamaica.....	861	856	(NA)	¹³ 31 7.6	¹³ 31 2.6	83	186	13.3	(NA)
Japan.....	70,660	80,470	39,182	78.6	582.3	311,859	41,317	296.6	31,379
Korea, Rep. of.....	10,811	10,047	2,975	16.8	51.5	¹³ 14,305	¹³ 9,728	42.3	271
Kuwait.....	4,484	³² 9,798	2,240	¹³ 32 103.4	¹³ 32 1.9	(NA)	(NA)	15.7	38
Lebanon.....	¹⁶ 1,224	¹⁶ 997	278	¹⁵ 25.8	¹⁵ 4.4	¹⁵ 2	¹⁵ 42	42.6	¹⁵ 244
Liberia.....	464	447	80,191	¹³ 20.5	¹³ 1.3	(NA)	(NA)	(NA)	¹⁵ 22
Libya.....	¹⁸ 3,212	10,113	885	92.9	¹⁴ 9.6	(NA)	(NA)	10.4	¹⁴ 394
Malaysia.....	³³ ³⁴ 4,024	³³ ³⁴ 4,565	552	³¹ 33 8.3	³¹ 33 11.5	³⁰ ³⁵ 1,273	³⁰ ³⁵ 1,210	29.9	³² 658
Mexico.....	5,489	³⁶ 4,068	727	18.6	9.4	5,040	36,232	105.8	3,760
Morocco.....	3,194	1,300	341	18.4	8.2	835	3,474	24.0	¹³ 493
Netherlands.....	45,616	43,703	5,180	77.0	248.1	8,013	2,805	99.4	4,206
New Zealand.....	3,363	3,142	211	³⁷ 9.2	³⁷ 10.2	³⁸ 497	³⁸ 3,723	48.1	¹³ 1,402
Nigeria.....	11,306	11,823	324	¹³ 101.2	¹³ 5.0	¹⁵ 26 785	¹⁵ 26 972	17.6	¹⁶ 232

See footnotes at end of table.

NO. 1568. FOREIGN TRADE AND TRANSPORTATION—SHIPPING, RAILWAYS, AVIATION, AND MOTOR VEHICLES, BY COUNTRY—Continued

[See text, p. 864, for general comments about the data. Statistical coverage of all these items varies considerably among countries; for details, see source]

COUNTRY	FOREIGN TRADE, ¹ 1977		SHIPPING		RAIL TRAFFIC, ⁴ 1977		Civil aviation, kilometers flown, ⁵ 1977 (mil.)	Motor vehicles in use, ⁶ 1977 (1,000)
	Imports (mil. dol.)	Exports (mil. dol.)	Merchant shipping fleets, ² 1978 (1,000 gross tons)	Freight, ³ 1977 (mil. metric tons) Loaded Unloaded	Passenger-kilometers (mil.)	Freight, net-ton kilometers (mil.)		
Norway.....	12,877	8,717	26,128	¹⁷ 29.8 ¹⁷ 21.8	2,004	2,567	53.9	1,289
Pakistan.....	2,447	1,149	442	¹⁹ 2.4 ¹⁹ 7.2	¹⁰ 12,993	¹⁰ 30 3,677	39.1	¹⁴ 288
Panama.....	¹³ 840	¹³ 237	20,749	1.2 3.4	(NA)	(NA)	8.1	¹⁴ 86
Peru.....	1,614	1,433	575	¹⁷ 10.4 ¹⁷ 5.8	¹³ 528	612	23.9	467
Philippines.....	4,270	3,151	1,265	2.4 7.2	692	49	43.5	¹³ 667
Poland.....	¹⁸ 14,674	12,336	3,491	37.8 24.0	44,312	135,406	29.4	2,116
Portugal.....	4,963	2,023	1,240	4.3 15.7	4,151	885	34.6	¹³ 1,322
Romania.....	¹³ ¹⁸ 6,095	¹⁸ 6,138	1,428	³⁰ ⁴⁰ 4.3 ⁴⁰ 4.9	²⁸ 23,206	70,035	19.4	⁴⁰ ⁴¹ 45
Saudi Arabia.....	14,651	³² 43,485	1,246	¹³ ³² 410.0 ¹³ 9.3	¹⁸ 72	¹⁸ 66	56.1	¹⁵ 112
Singapore.....	10,471	8,241	7,489	24.7 40.5	(³⁹)	(³⁹)	46.8	197
South Africa.....	¹⁸ 5,893	6,158	681	30.3 ³⁰ 8.0	(NA)	²⁸ ⁴² 69,330	57.1	2,985
Soviet Union.....	¹⁸ 40,817	45,161	22,262	¹⁷ 154.0 ¹⁷ 33.1	322,205	3,330,902	(NA)	(NA)
Spain.....	17,846	10,230	8,056	23.8 84.2	¹³ 16,686	¹³ 9,842	139.6	7,103
Sri Lanka.....	695	763	93	1.2 3.6	⁴³ 2,792	⁴³ 214	6.6	¹³ 143
Sweden.....	19,566	18,823	6,508	30.8 52.8	5,583	14,782	62.5	¹³ 3,043
Switzerland.....	17,979	17,682	231	(NA)	9,240	6,324	89.3	2,087
Syria.....	2,657	1,063	(NA)	8.8 7.7	269	426	11.4	¹³ 119
Thailand.....	4,635	3,484	335	11.8 14.4	¹³ 5,628	¹³ 2,505	31.8	¹⁴ 533
Trinidad and Tobago.....	1,809	2,180	(NA)	20.8 14.9	(NA)	(NA)	13.7	150
Tunisia.....	1,825	921	(NA)	4.4 6.6	²⁸ 709	1,331	11.5	¹⁴ 170
Turkey.....	5,694	1,753	1,359	6.7 20.5	5,087	6,353	23.1	¹³ 702
United Kingdom.....	63,677	57,547	30,897	77.6 158.2	⁴⁴ 29,290	⁴⁴ 22,728	334.6	¹³ 16,460
Uruguay.....	730	608	174	.5 2.4	389	307	3.8	¹³ 231
Venezuela.....	¹³ ¹⁸ 6,023	¹³ 9,299	824	¹⁶ ¹⁷ 189.9 ¹⁴ ¹⁷ 6.7	²⁷ 42	²² 15	43.6	¹⁴ 1,325
Yugoslavia.....	9,634	5,254	2,366	4.7 16.5	10,459	22,225	31.9	2,123
Zaire.....	609	981	110	¹³ .5 ¹³ .7	¹³ 467	¹³ 2,203	11.8	¹⁵ 161
Zambia.....	¹⁸ 670	897	(NA)	(NA) (NA)	(NA)	(NA)	8.6	¹³ ²⁸ 172

NA Not available. ¹ Covers merchandise, including silver (except current coin); excludes gold and issued paper currency. Imports generally valued c.i.f. (cost, insurance, and freight); exports, f.o.b. (free on board). Generally includes government trade (including foreign aid, war reparations, and military goods), trade of foreign concessionaires, and postal trade. See source for "general trade" or "special trade" distinctions. Roughly half the countries shown fall into each category, thus affecting comparability. ² As of June 30. Represents gross registered tons (see text, p. 640). Excludes vessels without mechanical means of propulsion; includes sailing vessels with auxiliary power. ³ Represents weight of all goods (including their packing) in external trade loaded to and unloaded from seagoing vessels of all flags at ports of country specified. For most countries, excludes bunkers, ships' stores, ballast, and transshipment (goods transhipped from an importing vessel to an exporting vessel). ⁴ Relates to domestic and international traffic on all railway lines within each country shown, excluding railways entirely within an urban unit and plantation, industrial mining, funicular, and cable railways. In general, passenger-kilometers include all passengers except military, government, and railway personnel when carried without revenue; ton-kilometers relate to freight net ton-kilometers and include all goods whether carried by fast or ordinary trains except service traffic, mail, baggage, and nonrevenue governmental stores. ⁵ Covers both domestic and international scheduled services operated by companies registered in each country. Includes supplementary services occasioned by overflow traffic on regularly scheduled trips and preparatory flights for new scheduled services. ⁶ Represents officially estimated number of vehicles in use. Includes passenger cars and commercial vehicles. For most countries shown, excludes 2- and 3-wheeled cycles and motorcycles, trams, trolley buses, ambulances, hearses, military vehicles, police and special purpose or government security vehicles, trailers, and farm tractors. ⁷ Excludes trade among each of the following countries: People's Republic of China, Mongolia, and Dem. People's Rep. of Korea. ⁸ Includes trade between the Federal Republic of Germany and German Democratic Republic. ⁹ Includes the Great Lakes. ¹⁰ Excludes traffic with U.S. Virgin Islands. ¹¹ Includes Great Lakes and St. Lawrence River international traffic. ¹² Class I railways only. ¹³ For 1976. ¹⁴ For 1975. ¹⁵ For 1974. ¹⁶ For 1973. ¹⁷ Excludes transit traffic and packing. ¹⁸ Imports f.o.b. ¹⁹ Year ending June 30. ²⁰ Includes Luxembourg. ²¹ For 1972. ²² For 1971. ²³ Source: U.S. Bureau of the Census. Data from Republic of China publications. ²⁴ For 1978. ²⁵ Includes vehicles no longer in circulation. ²⁶ Year beginning Apr. 1. ²⁷ Excludes crude petroleum imported without stated value. ²⁸ Includes military traffic. ²⁹ Year beginning Mar. 21. ³⁰ Excludes petroleum. ³¹ Includes coastwise traffic. ³² Includes petroleum from neutral zone. ³³ West Malaysia only. ³⁴ Includes intertrade between Malaysian States. ³⁵ Data for Singapore included in Malaysia. ³⁶ Excludes silver. ³⁷ Million manifest tons. ³⁸ Year ending Mar. 31. ³⁹ Year beginning July 1. ⁴⁰ For 1970. ⁴¹ Commercial vehicles only. ⁴² Includes Namibia. ⁴³ Year ending Sept. 30. ⁴⁴ Excludes Northern Ireland.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook* (copyright).

NO. 1569. COMMUNICATIONS—TELEPHONES, MAIL, NEWSPAPERS, RADIO, AND TELEVISION, BY COUNTRY

[See text, p. 864, for general comments about the data. For additional data qualifications for countries, see source]

COUNTRY	Tele- phones in use, ¹ 1978 (1,000)	Tele- phones per 100 popu- lation, 1978	Pieces of mail sent, domestic, ² 1978 (millions)	DAILY NEWSPAPERS, ³ 1977			RECEIVING SETS, 1977	
				Number	Circulation		Radios per 1,000 popula- tion ⁴	Televi- sion sets per 1,000 popula- tion ⁵
					Total (1,000)	Copies per 1,000 popu- lation		
World, total	448,201	10.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
United States	169,027	77.0	^a 78 88,970	1,829	62,159	287	2,048	623
Algeria	346	1.9	219	4	236	13	^a 173	31
Argentina	2,404	9.1	^a 620	^a 142	^a 10 2,682	(NA)	384	177
Australia	6,266	44.0	¹¹ 2,282	60	4,365	310	1,037	357
Austria	¹² 2,443	¹² 32.5	1,673	31	2,529	336	¹² 275	^a 10 262
Bangladesh	101	.1	261	^a 28	^a 14 350	(NA)	6	-
Belgium	3,271	33.2	2,941	27	2,369	241	¹³ 415	¹³ 286
Bolivia	¹⁵ 49	¹⁵ 9	6	^a 13	^a 150	^a 26	74	8
Brazil	5,525	4.5	2,760	^a 299	^a 4,895	^a 45	⁷ 158	98
Bulgaria	1,032	11.6	(NA)	12	2,083	237	¹³ 148	¹³ 180
Burma	34	.1	79	^a 7	^a 329	^a 11	22	-
Canada	15,283	64.8	¹⁸ 5,867	122	5,150	221	1,043	430
Chile	¹² 467	¹² 4.8	⁸ 86	42	(NA)	(NA)	188	^a 68
China:								
Mainland	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	¹⁷ 16	¹⁵ 1
Taiwan ¹⁸	2,099	12.2	734	^a 31	(NA)	(NA)	^a 90	78
Colombia	1,410	5.4	¹⁹ 119	^a 42	^a 20 1,330	(NA)	117	74
Costa Rica	175	8.2	¹² 9	^a 6	^a 210	^a 104	75	77
Cuba	¹² 321	¹² 3.3	^a 61	^a 16	(NA)	(NA)	197	83
Cyprus	92	15.0	14	^a 13	^a 21 72	(NA)	331	¹³ 105
Czechoslovakia	2,981	19.6	¹⁵ 22 2,126	29	4,453	296	¹³ 248	363
Denmark	²⁰ 2,907	²³ 56.9	¹² 16 1,268	49	1,840	362	825	471
Dominican Republic	¹² 139	¹² 2.8	⁷ 6	^a 10	^a 24 208	(NA)	42	^a 33
Ecuador	240	3.0	¹² 7	^a 37	^a 350	^a 46	¹⁷ 279	45
Egypt	¹² 473	¹² 1.2	185	^a 10	^a 3,012	^a 79	136	26
El Salvador	78	1.8	²⁸ 11	^a 12	^a 27 331	(NA)	333	35
Ethiopia	80	.3	²⁸ 12	2	35	1	7	1
Finland	2,127	44.7	643	59	2,235	472	¹³ 398	^a 400
France	19,870	37.2	¹² 11,801	96	10,863	205	^a 13 330	^a 12 278
German Dem. Rep	2,956	17.6	938	39	8,317	496	895	¹³ 325
Germany, Fed. Rep. of	24,743	40.4	¹² 12,368	412	25,968	423	^a 10 332	^a 19 300
Ghana	65	.7	¹⁶ 58	^a 4	^a 435	^a 42	105	4
Greece	2,487	26.6	294	112	(NA)	(NA)	296	^a 127
Guatemala	¹² 71	¹² 1.2	^a 27	^a 9	^a 26 214	(NA)	43	23
Honduras	^a 19	^a 7	22	^a 8	^a 28 140	(NA)	^a 57	^a 17
Hong Kong	¹² 1,251	¹² 27.8	¹⁶ 174	83	¹⁴ 1,393	(NA)	556	193
Hungary	1,143	10.7	^a 1,647	27	2,585	243	¹³ 242	^a 10 236
Iceland	100	44.4	^a 19	6	123	554	¹³ 293	^a 241
India	¹² 2,096	¹⁵ 3	¹⁶ 7,707	929	²⁹ 10,672	(NA)	¹³ 93	¹³ 1
Indonesia	¹² 347	¹² 3	208	^a 178	^a 30 2,358	(NA)	37	7
Iran	¹² 829	¹² 2.3	³¹ 858	^a 23	^a 32 473	(NA)	62	55
Iraq	¹² 320	¹² 2.6	46	^a 7	^a 28 202	(NA)	168	40
Ireland	554	17.2	^a 12 16 320	7	702	220	^a 300	^a 13 207
Israel	993	27.1	¹² 16 316	^a 24	^a 62 801	^a 231	208	^a 13 137
Italy	17,088	30.1	5,190	72	5,491	97	¹³ 236	¹³ 225
Jamaica	¹² 111	¹² 5.3	¹² 68	3	101	49	^a 270	58
Japan	48,646	42.4	¹² 16 12,417	177	62,221	546	571	¹³ 242
Kampuchea	⁷ 71	⁷ 11.2	¹⁵ 1	^a 17	(NA)	(NA)	⁷ 14	4
Kenya	155	1.0	²⁶ 10	^a 3	^a 154	^a 11	37	4
Korea, Republic of	2,387	6.5	780	44	7,169	197	400	¹³ 96
Kuwait	170	14.3	¹⁶ 6	7	180	159	487	478
Lebanon	¹⁷ 192	¹⁷ 6.8	(NA)	^a 33	^a 33 281	(NA)	^a 540	147
Luxembourg	192	53.9	49	^a 7	^a 34 150	(NA)	506	247
Madagascar	¹² 29	¹² 4	100	12	(NA)	(NA)	120	1
Malaysia	434	3.3	^a 35 377	^a 37	^a 20 1,834	(NA)	119	53
Mexico	4,140	6.2	^a 1,068	352	^a 28 3,994	(NA)	^a 7 301	84
Morocco	216	1.1	105	^a 10	^a 24 190	(NA)	88	¹³ 33
Netherlands	6,341	45.3	3,913	^a 67	^a 27 4,371	(NA)	614	325
New Zealand	1,715	54.5	^a 10 588	^a 39	^a 38 848	(NA)	878	263
Nigeria	¹² 128	¹² 2	^a 976	^a 19	^a 39 527	(NA)	79	7

See footnotes at end of table.

NO. 1569. COMMUNICATIONS—TELEPHONES, MAIL, NEWSPAPERS, RADIO, AND TELEVISION, BY COUNTRY—Con.

[See text, p. 864, for general comments about the data. For additional data qualifications for countries, see source]

COUNTRY	Tele- phones in use, ¹ 1978 (1,000)	Tele- phones per 100 population, 1978	Pieces of mail sent, domestic, ² 1978 (millions)	DAILY NEWSPAPERS, ³ 1977		RECEIVING SETS, 1977		
				Number	Circulation		Radios per 1,000 population ⁴	Televi- sion sets per 1,000 population ⁵
					Total (1,000)	Copies per 1,000 popu- lation		
Norway.....	1,636	40.2	¹¹ 1,064	82	1,740	430	¹³ 326	¹³ 275
Pakistan.....	⁹ 259	9.3	¹² 552	⁹ 103	⁹ 40 965	(NA)	66	8
Panama.....	¹² 155	¹² 8.6	¹⁵ 7	9	9 136	⁹ 79	157	116
Paraguay.....	48	1.7	(NA)	4	9 106	⁹ 39	67	20
Peru.....	420	2.7	(NA)	30	828	51	134	50
Philippines.....	600	1.3	(NA)	⁹ 17	⁹ 41 919	(NA)	43	19
Poland.....	3,095	8.8	⁸ 1,730	44	8,331	240	¹³ 241	¹³ 207
Portugal.....	¹² 1,175	¹² 12.0	431	28	527	54	⁹ 164	⁹ 134
Puerto Rico.....	¹² 561	¹² 16.9	(NA)	⁹ 4	⁹ 430	⁹ 134	⁹ 549	162
Romania.....	⁷ 1,196	⁷ 5.6	¹² 730	34	3,711	171	¹⁰ 143	¹⁰ 146
Saudi Arabia.....	¹² 185	¹² 2.4	56	⁹ 12	⁹ 34 143	(NA)	29	32
Singapore.....	475	20.4	123	10	497	215	¹⁰ 168	285
South Africa.....	2,320	9.8	1,483	⁹ 24	⁹ 1,728	⁹ 66	⁹ 96	(NA)
Soviet Union.....	⁴² 20,943	⁴² 8.0	5,925	686	102,462	396	⁷ 481	⁷ 217
Spain.....	10,311	28.0	3,618	143	4,710	128	⁹ 259	⁹ 206
Sri Lanka.....	74	.5	¹⁰ 591	22	(NA)	(NA)	72	-
Sudan.....	¹² 62	¹² 3	⁹ 27	⁹ 4	⁹ 43 26	(NA)	83	6
Sweden.....	6,160	74.4	⁸ 2,613	112	4,358	528	1,005	¹³ 370
Switzerland.....	4,292	67.7	3,020	91	2,622	414	790	348
Syria.....	212	2.6	¹⁵ 23	⁹ 7	¹⁰ 39 65	(NA)	¹⁷ 218	32
Thailand.....	409	.9	213	23	(NA)	(NA)	129	17
Trinidad and Tobago.....	¹² 75	¹² 6.7	⁴⁴ 21	⁹ 3	⁹ 43 144	(NA)	246	112
Tunisia.....	158	2.7	75	5	⁹ 45 232	(NA)	143	36
Turkey.....	¹² 1,379	¹² 3.2	¹² 608	493	(NA)	(NA)	¹³ 101	¹³ 54
United Kingdom.....	23,182	41.5	⁸ ¹⁶ ²⁰ ⁴⁸ 9,337	(NA)	22,900	410	716	390
Uruguay.....	270	9.8	¹² 17	26	(NA)	(NA)	571	126
Venezuela.....	¹² 847	¹² 6.5	¹⁹ 202	54	2,263	178	414	120
Vietnam.....	¹⁶ 47 47	¹⁶ 47.3	¹⁵ 25 47 59	5	250	5	¹⁷ 47 24	-
Yugoslavia.....	¹² 1,556	¹² 7.1	665	26	2,085	96	¹³ 209	¹³ 170
Zimbabwe.....	¹² 197	¹² 2.9	105	⁷ 3	⁷ 116	⁷ 18	⁹ 39	⁹ 11

- Represents zero. NA Not available. ¹ Comprises public and private telephones installed which can be connected to a central exchange. ² Items mailed for distribution within national territories. Comprises letters, postcards, printed matter, merchandise samples, small packets, and phonopost packets. Includes mail carried without charge, but excludes ordinary packages, and insured letters and boxes. ³ Publications containing general news and appearing at least 4 times a week; may range in size from a single sheet to 50 or more pages. Circulation data refer to average circulation per issue or number of printed copies per issue and include copies sold outside the country. ⁴ Data cover estimated number of receivers in use, except as noted, and apply to all types of receivers for radio broadcasts to the public, including receivers connected to a radio "redistribution system" but excluding television sets. ⁵ Estimated number of sets in use, except as noted. ⁶ Includes ordinary packages as well as insured letters and boxes. ⁷ For 1975. ⁸ Excludes small packets. ⁹ For 1976. ¹⁰ 117 dailies. ¹¹ Year beginning July 1. ¹² For 1977. ¹³ Number of licenses issued. ¹⁴ 19 dailies. ¹⁵ For 1973. ¹⁶ Year beginning April 1. ¹⁷ For 1970. ¹⁸ Source: U.S. Bureau of the Census. Data from Republic of China publications. ¹⁹ For 1974. ²⁰ 35 dailies. ²¹ 10 or more dailies. ²² Domestic and foreign. ²³ Includes Faeroe Islands and Greenland. ²⁴ 7 dailies. ²⁵ For 1978. ²⁶ Excludes postcards. ²⁷ 9 dailies. ²⁸ 5 dailies. ²⁹ 603 dailies. ³⁰ 50 dailies. ³¹ For 1971. ³² 20 dailies. ³³ 15 dailies. ³⁴ 6 dailies. ³⁵ Data refer to West Malaysia only. ³⁶ 146 dailies. ³⁷ 56 dailies. ³⁸ 37 dailies. ³⁹ 8 dailies. ⁴⁰ 21 dailies. ⁴¹ 16 dailies. ⁴² Excludes telephone systems of the military forces. ⁴³ 2 dailies. ⁴⁴ For 1972. ⁴⁵ 4 dailies. ⁴⁶ Excludes printed matter. ⁴⁷ Data are for former Rep. of South Vietnam.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook* (copyright), and United Nations Educational, Scientific, and Cultural Organization, Paris, France, *Statistical Yearbook* (copyright).

NO. 1570. MILITARY EXPENDITURES, IN CURRENT AND CONSTANT (1977) DOLLARS: 1970 TO 1978

[In millions of dollars, except as indicated. See also table 592. Data for expenditures and for GNP were based on local currencies which were deflated to constant 1977 local currency values before conversion to U.S. dollar equivalents. In general, the rates used for conversion are the 1977 average par/market exchange rates as supplied by IBRD (International Bank for Reconstruction and Development). Data by country exclude countries with 1978 military expenditures less than 500 million dollars. See also headnote, table 1571]

COUNTRY	CURRENT DOLLARS					CONSTANT (1977) DOLLARS					Per capita (dollars)		Percent of GNP ¹	
	1970	1975	1976	1977	1978	1970	1975	1978	1970	1978	1970	1978	1970	1978
World total ²	247.5	383.0	411.5	439.1	479.9	382.3	426.5	446.7	105	103	6.3	5.4		
Europe ²	122.3	202.0	219.9	233.6	256.6	189.0	224.9	238.9	256	304	6.7	6.5		
North America ^{2,3}	80.1	94.0	94.4	104.8	112.8	123.7	104.7	105.0	546	432	7.4	4.8		
Latin America ²	3.3	6.7	5.9	6.6	7.4	5.1	7.5	6.9	18	20	1.8	1.6		
Middle East ^{2,4}	7.5	25.6	30.3	29.4	32.6	11.5	28.5	30.3	115	245	10.5	13.4		
East Asia ²	27.6	43.4	47.9	50.8	55.4	42.6	48.3	51.6	32	33	5.1	3.9		
South Asia ²	2.1	3.7	3.9	4.1	4.8	3.2	4.2	4.5	4	5	3.2	3.3		
Africa ^{2,4}	2.8	5.1	6.4	6.9	7.1	4.3	5.7	6.6	14	16	2.8	3.1		
Oceania ²	1.9	2.4	2.7	2.9	3.2	2.9	2.7	3.0	180	142	3.2	2.5		
United States	77,854	90,948	91,013	100,928	108,357	120,260	101,265	100,875	586	460	7.9	5.1		
Argentina	467	1,012	1,081	1,026	1,567	722	1,127	1,459	30	54	1.8	3.0		
Australia	1,712	2,208	2,455	2,598	2,893	2,645	2,459	2,694	208	189	3.4	2.6		
Austria	256	450	497	543	649	395	502	604	53	80	1.1	1.3		
Belgium	1,162	2,014	2,294	2,496	2,847	1,795	2,243	2,650	185	270	2.9	3.2		
Brazil	1,273	2,525	1,671	1,668	1,743	1,967	2,812	1,623	20	13	2.3	.9		
Bulgaria	1,107	1,995	2,165	2,312	2,346	1,710	2,221	2,184	201	248	10.2	9.8		
Canada	2,225	3,097	3,414	3,877	4,411	3,437	3,448	4,106	161	174	2.4	2.0		
China:														
Mainland	21,364	30,593	34,024	35,000	37,596	33,000	34,063	35,000	38	34	13.5	8.5		
Taiwan	775	1,113	1,242	1,597	1,967	1,198	1,240	1,831	82	107	10.6	6.3		
Cuba	228	393	(NA)	784	841	352	437	782	41	80	4.9	(NA)		
Czechoslovakia	2,075	3,424	3,503	3,722	4,053	3,205	3,812	3,773	224	249	6.3	5.8		
Denmark	561	930	999	1,051	1,193	867	1,035	1,110	177	217	2.3	2.4		
Egypt	645	924	1,148	1,359	1,354	996	1,028	1,261	30	31	12.8	8.5		
France	7,832	12,209	13,362	14,965	16,587	12,099	13,594	15,442	238	289	4.2	3.9		
German Dem. Rep.	2,493	4,182	4,478	4,780	5,257	3,850	4,656	4,894	225	281	6.7	6.6		
Germany, Fed. Rep.	9,643	16,193	17,073	18,005	19,921	14,896	18,030	18,545	245	302	3.3	3.3		
Greece	577	1,398	1,289	1,212	1,453	892	1,556	1,352	101	143	4.7	4.7		
Hungary	1,116	1,612	1,576	1,606	1,793	1,723	1,794	1,669	167	156	7.2	5.5		
India	1,564	2,819	2,896	3,076	3,645	2,416	3,139	3,394	4	5	3.0	3.2		
Indonesia	561	1,292	1,354	1,465	1,590	867	1,439	1,480	7	10	3.3	3.1		
Iran	2,045	8,646	9,521	8,747	10,598	3,160	9,827	9,366	109	270	7.8	14.2		
Iraq	822	1,738	1,837	2,007	2,136	1,270	1,935	1,988	133	159	12.9	9.1		
Israel	1,663	4,111	4,424	4,312	3,914	2,569	4,577	3,643	856	984	25.1	24.3		
Italy	2,823	4,471	4,570	5,137	5,694	4,360	4,918	5,300	81	93	2.7	2.7		
Japan	2,507	5,159	5,633	6,294	7,069	3,873	5,744	6,581	37	57	.8	.9		
Korea, Dem. Peo. Rep.	576	1,800	2,001	2,112	(NA)	890	2,004	(NA)	62	(NA)	15.7	(NA)		
Korea, Rep. of	435	1,112	1,568	1,906	2,269	672	1,238	2,112	20	54	3.7	5.5		
Kuwait	203	721	1,073	1,115	1,028	313	803	957	392	797	2.9	5.7		
Malaysia	156	465	460	511	661	241	518	615	22	46	3.2	4.5		
Netherlands	1,838	2,976	3,110	3,637	3,735	2,840	3,314	3,477	218	250	3.4	3.3		
Nigeria	917	1,323	1,733	1,932	1,871	1,417	1,473	1,742	25	24	5.8	4.2		
Norway	579	931	1,017	1,114	1,281	894	1,037	1,192	229	290	3.5	3.3		
Oman	127	668	781	686	799	197	744	744	281	930	15.9	36.0		
Pakistan	446	802	860	817	907	689	893	844	10	10	5.8	5.1		
Peru	202	525	613	921	751	313	584	699	23	41	3.3	5.7		
Philippines	94	509	567	583	655	146	567	610	3	13	1.1	2.8		
Poland	3,213	5,872	6,446	6,486	6,874	4,963	6,315	6,399	152	183	7.4	6.3		
Portugal	536	690	590	576	631	828	768	587	92	59	6.5	3.3		
Romania	1,741	2,788	3,059	3,198	3,455	2,689	3,104	3,216	132	146	7.1	5.0		
Saudi Arabia	1,481	7,105	9,288	8,952	10,284	2,288	7,911	9,574	369	1,088	11.9	16.1		
South Africa	451	1,372	1,766	1,957	1,738	696	1,528	1,618	31	59	2.3	4.2		
Soviet Union	72,000	119,200	131,100	139,600	153,600	111,217	132,721	142,994	457	547	13.0	12.2		
Spain	1,673	2,721	2,688	2,087	2,265	2,585	3,029	2,109	76	57	3.1	1.8		
Sweden	1,681	2,424	2,532	2,668	2,932	2,597	2,699	2,730	324	328	3.6	3.4		
Switzerland	829	1,083	1,199	1,293	1,357	1,281	1,205	1,283	203	200	2.1	2.0		
Syria	282	924	965	1,047	1,176	436	1,029	1,095	69	133	11.7	15.7		
Thailand	229	385	480	611	720	355	429	670	9	14	3.0	3.3		
Turkey	815	1,715	2,398	2,577	2,576	1,259	1,909	2,398	35	54	4.2	4.6		
United Arab Emirates	(NA)	86	594	657	686	(NA)	96	639	(NA)	799	(NA)	5.8		
United Kingdom	6,655	10,544	11,457	11,907	12,951	10,281	11,740	12,057	165	215	4.7	4.8		
Venezuela	281	557	566	636	652	435	620	607	40	43	1.9	1.6		
Yugoslavia	741	1,645	1,791	1,928	2,330	1,145	1,831	2,169	56	98	3.5	4.2		

NA Not available. ¹Military expenditures as percent of gross national product. ²In billions of dollars, except per capita and percent. World and regional totals include countries not listed. ³U.S. and Canada only. ⁴Egypt assigned to Middle East rather than to Africa.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

Armed Forces Personnel

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No. 1571. ARMED FORCES PERSONNEL—TOTAL AND PER 1,000 PERSONS, BY COUNTRY: 1970 TO 1978

[Personnel data as of July. Armed Forces refer to active-duty military personnel, including paramilitary forces where those forces resemble regular units in their organization, equipment, training, or mission. Reserve forces are not included. Countries which became independent during period shown are normally included beginning with first year in which they were independent for more than six months]

COUNTRY	ARMED FORCES PERSONNEL (1,000)						ARMED FORCES PER 1,000 POPULATION					
	1970	1974	1975	1976	1977	1978	1970	1974	1975	1976	1977	1978
World total	24,916	27,287	26,447	26,297	26,253	26,639	6.9	6.8	6.5	6.3	6.2	6.2
Europe.....	9,586	9,957	9,925	9,710	9,712	9,730	13.0	13.1	12.9	12.5	12.5	12.4
North America ¹	3,165	2,250	2,207	2,178	2,180	2,180	14.0	9.6	9.3	9.2	9.1	9.0
Latin America.....	1,117	1,248	1,297	1,328	1,436	1,500	4.0	4.1	4.1	4.1	4.3	4.4
Middle East ²	978	1,406	1,684	1,751	1,494	1,469	9.8	12.6	14.6	14.8	12.3	11.9
East Asia.....	7,128	8,988	7,801	7,795	7,850	8,234	5.5	6.3	5.4	5.2	5.2	5.4
South Asia.....	2,070	2,400	2,452	2,362	2,182	2,102	3.2	3.0	3.0	2.8	2.6	2.4
Africa ³	762	957	998	1,087	1,317	1,335	2.5	2.8	2.7	2.9	3.4	3.3
Oceania.....	100	81	83	86	87	87	6.3	4.7	4.7	4.2	4.2	4.2
NATO.....	6,311	5,486	5,253	5,028	4,978	4,926	11.8	10.0	9.5	9.0	8.9	8.7
Warsaw Pact.....	5,570	5,816	5,978	5,980	6,099	6,162	16.1	16.3	16.6	16.4	16.6	16.7
United States.....	3,070	2,170	2,130	2,100	2,100	2,100	15.0	10.2	10.0	9.8	9.7	9.6
Argentina.....	140	150	160	155	155	155	5.9	6.0	6.3	6.0	5.9	5.8
Australia.....	86	68	70	71	70	70	6.8	5.0	5.1	5.1	5.0	4.9
Austria.....	55	60	50	40	37	40	7.4	8.0	6.7	5.3	5.0	5.3
Belgium.....	110	100	87	87	85	90	11.3	10.2	8.9	8.9	8.7	9.2
Brazil.....	375	435	455	450	450	450	3.9	4.1	4.2	4.1	4.0	3.9
Bulgaria.....	175	174	175	177	177	184	20.6	20.0	20.1	20.1	20.1	18.6
Canada.....	95	80	77	78	80	80	4.5	3.6	3.4	3.4	3.4	3.4
China:												
Mainland.....	2,850	4,300	4,300	4,300	4,300	4,500	3.4	4.6	4.5	4.4	4.4	4.5
Taiwan.....	522	493	504	475	460	471	35.8	31.2	31.3	28.8	27.4	27.5
Cuba.....	140	140	120	125	200	210	18.3	15.2	12.9	13.2	20.8	21.6
Czechoslovakia.....	222	218	210	210	206	212	15.5	14.8	14.2	14.1	13.7	14.0
Denmark.....	45	35	35	35	34	34	9.2	7.0	6.9	6.9	6.8	6.8
Egypt.....	255	410	400	400	350	350	7.7	11.4	10.8	10.6	9.0	8.8
France.....	570	580	575	585	502	502	11.2	11.0	10.9	11.1	9.5	9.4
German Dem. Rep.....	202	215	220	220	222	228	11.8	12.2	13.0	13.1	13.2	13.6
Germany, Fed. Rep.....	510	505	495	495	489	489	8.4	8.1	8.0	8.0	8.0	8.0
Greece.....	180	180	191	200	290	184	20.5	20.0	21.2	21.7	31.2	19.6
Hungary.....	146	125	118	118	144	110	14.2	11.9	11.2	11.1	13.6	10.3
India.....	1,550	1,620	1,670	1,440	1,270	1,300	2.8	2.7	2.7	2.3	2.0	2.0
Indonesia.....	368	270	260	257	260	250	2.9	2.0	1.9	1.8	1.8	1.7
Iran.....	245	310	385	420	350	350	8.5	9.6	11.6	12.2	9.9	9.6
Iraq.....	95	110	155	190	140	140	10.0	10.1	13.8	16.4	11.7	11.2
Israel.....	105	160	190	190	165	165	35.0	47.1	54.3	54.3	45.8	44.6
Italy.....	435	500	500	432	330	365	8.1	9.0	9.0	7.7	5.9	6.4
Japan.....	236	237	237	236	236	239	2.3	2.2	2.1	2.1	2.1	2.1
Korea, Dem. People's Rep. of.....	438	470	470	500	520	632	30.8	29.4	28.5	29.4	29.5	34.9
Korea, Rep. of.....	645	634	630	610	600	600	19.5	17.6	17.2	16.4	15.8	15.6
Kuwait.....	10	15	25	25	10	10	12.5	16.7	25.0	22.7	9.1	8.3
Malaysia.....	58	75	76	80	79	82	5.3	6.2	6.1	6.3	6.1	6.2
Netherlands.....	115	105	112	112	109	100	8.8	7.8	8.2	8.1	7.9	7.2
Nigeria.....	200	300	270	270	300	204	3.6	4.7	4.1	4.0	4.3	2.8
Norway.....	35	35	35	39	39	39	9.0	8.8	8.8	9.8	9.8	9.5
Oman.....	4	10	12	18	12	12	5.7	14.3	15.0	22.5	15.0	15.0
Pakistan.....	380	500	502	604	588	518	5.9	6.8	6.7	7.8	7.4	6.3
Peru.....	80	90	95	100	125	125	5.9	6.0	6.1	6.3	7.7	7.5
Philippines.....	59	90	120	140	155	156	1.6	2.1	2.8	3.2	3.4	3.4
Poland.....	314	366	435	435	430	430	9.7	10.9	12.8	12.7	12.4	12.3
Portugal.....	230	310	217	60	58	58	25.6	34.1	23.1	6.2	6.1	5.9
Romania.....	211	218	220	220	220	218	10.4	10.4	10.4	10.3	10.1	10.0
Saudi Arabia.....	65	80	95	95	60	50	10.5	11.4	13.0	12.3	7.3	5.7
South Africa.....	40	45	50	59	67	78	1.8	1.8	2.0	2.3	2.5	2.9
Spain.....	365	375	375	368	309	321	10.8	10.7	10.6	10.3	8.5	8.7
Sweden.....	75	75	75	66	68	68	9.4	9.1	9.1	8.0	8.3	8.3
Switzerland.....	25	25	25	25	18	18	4.0	3.9	3.9	4.0	2.9	2.9
Syria.....	75	130	230	230	225	225	11.9	18.1	31.1	29.9	28.5	27.4
Thailand.....	175	221	227	228	230	250	4.7	5.4	5.4	5.3	5.2	5.5
Turkey.....	540	535	453	460	540	566	15.1	13.5	11.2	11.1	12.6	13.0
U.S.S.R.....	4,300	4,500	4,600	4,600	4,700	4,800	17.7	17.9	18.1	17.9	18.1	18.4
United Arab Emirates.....	(NA)	19	21	27	25	25	(NA)	38.0	35.0	38.6	31.3	31.3
United Kingdom.....	375	350	345	344	318	318	6.8	6.3	6.2	6.1	5.7	5.7
Venezuela.....	45	50	55	55	55	55	4.2	4.1	4.3	4.2	4.0	3.9
Vietnam ⁴	452	665	643	637	615	660	20.5	27.8	26.5	13.1	12.3	12.9
Yugoslavia.....	257	262	270	275	270	260	12.6	12.4	12.8	12.7	12.4	11.8

NA Not available. ¹U.S. and Canada only. ²See footnote 4, table 1570. ³1970-1975 cover Socialist Republic of Vietnam only.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

NO. 1572. MILITARY SHIPS OF SELECTED COUNTRIES, BY TYPE: 1975 TO 1981

[Includes vessels in reserve and ships under construction. Figures for oilers, supply ships, miscellaneous craft, and therefore total craft are based on different criteria from country to country and from year to year]

COUNTRY AND YEAR	Total	Air- craft car- riers	Sub- ma- rines	Cruis- ers	De- stroyers and frigates	Cor- vettes, fast attack, and patrol craft	Mine- war- fare forces	Am- phibious forces	Oilers and supply ships	Miscella- neous
U.S.: 1975.....	1,039	25	150	39	185	29	37	201	264	109
1980.....	1,947	23	155	30	204	6	25	231	90	1,183
1981.....	2,148	20	157	35	311	12	25	202	79	1,307
China: Mainland: 1975.....	1,983	-	64	-	20	865	28	515	41	450
1980.....	2,207	-	92	-	29	997	97	538	54	400
1981.....	2,299	-	104	-	36	1,058	103	536	54	430
France: 1975.....	458	3	29	2	62	59	60	32	38	173
1980.....	404	2	29	2	57	23	50	71	12	158
1981.....	425	4	31	2	58	37	42	71	11	169
Soviet Union: 1975.....	2,390	2	403	37	217	566	412	153	259	341
1980.....	3,025	5	480	50	240	639	389	378	58	776
1981.....	2,845	5	482	52	290	581	383	324	62	666
United Kingdom: 1975.....	615	3	36	14	73	15	48	63	54	309
1980.....	527	5	35	8	74	19	51	96	31	218
1981.....	511	4	36	6	72	23	61	82	30	197
1981:										
Albania.....	92	-	3	-	-	53	17	-	4	15
Argentina.....	147	1	10	1	21	43	6	34	3	28
Australia.....	133	1	6	-	16	32	5	12	2	59
Belgium.....	71	-	-	-	4	8	42	2	2	13
Brazil.....	171	1	8	-	19	32	6	53	4	48
Bulgaria.....	118	-	4	-	2	23	18	30	3	38
Canada.....	87	-	3	-	26	13	-	5	5	35
Chile.....	89	-	5	3	11	39	-	16	2	13
China: Taiwan.....	209	-	4	-	33	43	23	55	7	44
Colombia.....	66	-	4	-	8	26	-	3	1	24
Cuba.....	144	-	3	-	1	89	8	20	-	23
Denmark.....	128	-	6	-	10	83	15	-	2	12
Ecuador.....	43	-	2	-	3	19	-	5	1	13
Egypt.....	157	-	12	-	8	84	12	27	-	14
Finland.....	76	-	-	-	-	26	3	14	-	33
German Dem. Republic.....	211	-	-	-	2	82	33	22	12	60
Germany, Fed. Rep. of.....	334	-	24	-	23	64	70	35	17	101
Greece.....	197	-	10	-	23	37	16	78	6	29
India.....	132	1	8	1	32	34	14	18	7	17
Indonesia.....	163	-	6	-	10	41	5	83	6	12
Iran.....	98	-	-	-	7	63	5	10	4	9
Iraq.....	76	-	-	-	5	61	5	4	1	-
Israel.....	91	-	3	-	-	72	-	12	-	4
Italy.....	261	1	11	2	24	21	46	63	3	90
Japan.....	259	-	17	-	63	26	44	20	27	62
Korea, Dem. People's Rep. of.....	632	-	17	-	4	404	-	102	-	105
Korea, Rep. of.....	119	-	-	-	18	50	9	31	8	3
Libya.....	71	-	6	-	1	39	2	16	-	7
Malaysia.....	104	-	-	-	2	36	5	6	-	55
Mexico.....	114	-	-	-	8	83	-	5	2	16
Netherlands.....	155	-	8	-	24	11	46	16	2	48
New Zealand.....	19	-	-	-	4	4	-	4	-	7
Nigeria.....	114	-	-	-	2	40	-	5	-	67
Norway.....	111	-	15	-	5	53	13	8	-	17
Pakistan.....	57	-	12	1	8	21	6	1	2	6
Peru.....	90	-	12	3	12	26	-	10	7	20
Philippines.....	234	-	-	-	8	88	-	109	2	27
Poland.....	259	-	4	-	1	88	49	43	7	67
Portugal.....	79	-	3	-	17	27	4	19	2	7
Romania.....	136	-	-	-	-	98	32	-	-	6
Saudi Arabia.....	81	-	-	-	4	52	4	12	2	7
South Africa.....	69	-	3	-	3	40	10	2	1	10
Spain.....	335	2	12	-	34	88	15	89	17	68
Sweden.....	354	-	16	-	3	72	59	150	2	52
Syria.....	36	-	-	-	2	29	4	-	-	1
Thailand.....	180	-	-	-	6	88	9	62	3	12
Turkey.....	338	-	18	-	16	87	42	85	9	81
Venezuela.....	64	-	6	-	4	27	-	9	-	18
Yugoslavia.....	173	-	7	-	-	47	43	46	6	24

- Represents zero.

Source: Jane's Publishing, Inc., New York, N.Y., *Jane's Fighting Ships*, annual. (Copyright by Jane's Publishing Company Ltd., London, England.)

No. 1573. FOREIGN EXCHANGE RATES: 1965 TO 1980

[In U.S. cents per unit of foreign currency]

COUNTRY	Currency unit	1965	1970	1974	1975	1976	1977	1978	1979	1980
Australia	Dollar	222.78	111.36	143.89	130.77	122.15	110.82	114.82	111.77	114.00
Austria	Schilling	3.87	3.87	5.36	5.75	5.57	6.05	6.90	7.48	7.73
Belgium	Franc	2.01	2.01	2.57	2.73	2.59	2.79	3.18	3.41	3.42
Canada	Dollar	92.74	95.80	102.26	98.30	101.41	94.11	87.73	85.39	85.53
Denmark	Krone	14.46	13.33	16.44	17.44	16.55	16.66	18.16	19.01	17.77
France	Franc	20.40	18.09	20.60	23.35	20.94	20.34	22.22	23.50	23.69
Germany, Fed. Rep.	Deutsche mark	25.04	27.42	38.72	40.73	39.74	43.09	49.87	54.56	55.09
India	Rupee	20.94	13.23	12.46	11.93	11.15	11.41	12.21	12.27	12.69
Ireland	Pound	279.59	239.59	234.03	222.16	180.48	174.49	191.84	204.65	205.77
Italy	Lira	.16	.16	.15	.15	.12	.11	.12	.12	.12
Japan	Yen	.28	.29	.34	.34	.34	.37	.48	.46	.44
Mexico	Peso	8.01	8.01	8.00	8.00	6.92	4.42	4.39	4.38	4.35
Netherlands	Guilder	27.77	27.65	37.37	39.63	37.85	40.75	46.28	49.84	50.37
Norway	Krone	13.98	13.99	18.12	19.18	18.33	18.79	19.08	19.75	20.26
Portugal	Escudo	3.48	3.50	3.95	3.93	3.32	2.62	2.28	2.04	2.00
South Africa	Rand	139.27	139.24	146.98	136.47	114.85	114.99	115.01	118.72	126.54
Spain	Peseta	1.67	1.43	1.73	1.74	1.50	1.33	1.31	1.49	1.40
Sweden	Krona	19.39	19.28	22.56	24.14	22.96	22.38	22.14	23.32	23.65
Switzerland	Franc	23.11	23.20	33.69	38.74	40.01	41.71	56.28	60.12	59.70
United Kingdom	Pound	279.59	239.59	234.03	222.16	180.48	174.49	191.84	212.24	232.58

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 1574. FOREIGN EXCHANGE RATES, BY COUNTRY: 1978 TO 1980

[National currency units per U.S. dollar. As of December 31. Represents mid-point market quotations to extent available. For countries with fixed relationships to a third currency, represents exchange rates of the third currency, times the fixed relationships. For currencies not quoted in exchange markets, represents official rates. For countries with multiple exchange rate systems, represents rate applicable to principal trade transactions]

COUNTRY	Currency unit	EXCHANGE RATE			COUNTRY	Currency unit	EXCHANGE RATE		
		1978	1979	1980			1978	1979	1980
Algeria	Dinar	3.83	3.76	3.97	Kenya	Shilling	7.40	7.33	7.57
Argentina	Peso	1,004	1,618	1,983	Korea, Rep. of	Won	484	484	680
Australia	Dollar	.869	.905	.847	Kuwait	Dinar	.272	.273	.271
Austria	Schilling	13.4	12.4	13.8	Liberia	Dollar	1.00	1.00	1.00
Belgium	Franc	28.8	28.0	31.5	Libya	Dinar	.296	.296	.296
Bolivia	Peso	20.0	24.5	24.5	Malaysia	Ringgit	2.21	2.19	2.22
Brazil ¹	Cruzireiro	20.9	42.5	65.5	Mexico	Peso	22.7	22.8	23.3
Canada	Dollar	1.19	1.17	1.19	Netherlands	Guilder	1.97	1.91	2.13
Chile	Peso	34.0	39.0	39.0	New Zealand	NZ Dollar	.938	1.01	1.04
Colombia ¹	Peso	41.0	44.0	50.9	Nicaragua	Cordoba	7.03	10.05	10.05
Costa Rica	Colon	8.57	8.57	8.57	Nigeria	Naira	.648	.561	.544
Denmark	Krone	5.09	5.37	6.02	Norway	Krone	5.02	4.93	5.18
Egypt ²	Pound	.391	.700	.700	Pakistan	Rupee	9.90	9.90	9.90
Finland	Markka	3.93	3.71	3.84	Peru	Sol	186.2	250.1	341.2
France	Franc	4.18	4.02	4.52	Philippines	Peso	7.38	7.42	7.59
Germany, Fed. Rep. of ..	D. Mark	1.63	1.73	1.96	Portugal	Escudo	46.0	49.8	53.0
Ghana	New Cedi	2.75	2.75	2.75	Saudi Arabia	Riyal	3.32	3.37	3.33
Greece	Drachma	36.0	38.3	46.5	Singapore	Dollar	2.16	2.16	2.09
Honduras	Lempira	2.00	2.00	2.00	South Africa	Rand	.670	.827	.746
India	Rupee	8.19	7.91	7.93	Spain	Peseta	70.1	66.1	79.3
Indonesia	Rupiah	625	627	627	Sri Lanka	Rupee	15.51	15.45	18.00
Iran	Rial	70.5	70.5	72.3	Sweden	Krona	4.30	4.15	4.37
Iraq	Dinar	.295	.295	.295	Switzerland ³	Franc	1.62	1.58	1.76
Ireland	Pound	.492	.466	.527	Tanzania	Shilling	7.41	8.22	8.18
Israel	Shekel	1.902	3.634	7.548	Thailand	Baht	20.4	20.4	20.6
Italy	Lira	630	804	931	Turkey	Lira	25.3	35.4	90.1
Ivory Coast	CFA Franc	209	201	226	United Kingdom	Pound	.492	.450	.419
Jamaica	Dollar	1.705	1.782	1.782	Uruguay ¹	New Peso	7.05	6.46	10.03
Japan	Yen	195	240	203	Venezuela ¹	Bolivar	4.29	4.29	4.29
Jordan	Dinar	.293	.295	.306	Yugoslavia	Dinar	18.6	19.2	29.3
					Zaire	Zaire	1.007	2.025	2.985
					Zambia	Kwacha	.787	.779	.803

¹ Selling rates: The rates at which monetary authorities (or commercial banks) sell foreign exchange for national currency to those making payments abroad. ² Represents official rate. ³ Buying rates: The rates at which the monetary authorities (or the commercial banks) buy foreign exchange for national currency from recipients of foreign exchange.

Source: International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly.

NO. 1575. RESERVE ASSETS AND CURRENT ACCOUNT BALANCES: 1970 TO 1980

[In millions of U.S. dollars. Assets include holdings of convertible foreign currencies, special drawing rights, and reserve position in International Monetary Fund and exclude gold holdings. Minus sign (-) denotes debit(s)]

COUNTRY	TOTAL RESERVE ASSETS						CURRENT ACCOUNT BALANCES			
	1970	1975	1978	1979	1980		1970	1975	1978	1979
					Total	Currency holdings ¹				
All countries ²	56,251	185,299	317,613	355,620	(NA)	(NA)	(NA)	-6,342	-10,333	-22,412
United States	3,415	4,627	6,979	7,780	15,600	10,130	2,320	18,358	-14,548	-685
Algeria	148	1,128	1,981	2,659	3,773	3,546	(NA)	-1,680	-3,538	-1,730
Argentina	533	288	4,966	9,388	6,719	6,057	(NA)	-1,287	1,868	-426
Australia	1,454	2,954	2,062	1,424	1,690	1,365	-849	-608	-3,935	-1,932
Austria	1,044	3,583	5,047	4,075	5,280	4,768	(NA)	-330	-1,411	-1,782
Bahrain	63	290	493	614	953	940	(NA)	(NA)	(NA)	(NA)
Belgium	1,377	4,069	3,966	5,414	7,687	6,429	(NA)	259	-886	-3,810
Brazil	1,142	3,980	11,826	8,966	5,769	5,042	-837	-7,007	-7,035	-10,465
Canada	3,888	4,426	3,580	2,864	3,093	2,061	1,078	-4,671	-4,412	-4,358
Chile	342	56	1,090	1,938	3,123	3,038	-91	-565	-870	-876
Colombia	189	475	2,366	3,844	4,831	4,576	-293	-109	133	528
Denmark	419	803	3,129	3,236	3,387	3,070	-544	-501	-1,499	-2,735
Ecuador	64	253	636	722	1,013	961	-114	-221	-701	-584
Egypt	74	184	492	529	1,046	1,046	-	-1,371	-929	-1,517
Ethiopia	63	277	153	173	80	75	-34	-46	-109	-96
Finland	425	433	1,223	1,540	1,875	1,668	-239	-2,155	605	-284
France	1,428	8,457	9,278	17,579	27,340	25,338	-285	-42	3,766	1,535
Germany, Fed. Rep. of	9,630	26,216	48,474	52,549	48,012	43,881	740	3,727	8,551	-6,357
Greece	194	783	999	951	1,130	1,059	-405	-877	-972	-1,881
Guatemala	61	284	742	696	445	394	-10	-69	-267	-207
India	763	1,089	6,426	7,432	6,944	6,043	-394	-130	2,835	3,489
Indonesia	156	584	2,626	4,062	5,392	5,012	-310	-1,109	-1,477	939
Iran	77	8,744	11,977	15,210	(NA)	(NA)	(NA)	4,707	5,783	6,302
Iraq	319	2,559	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Ireland	681	1,513	2,658	2,212	2,860	2,672	-198	-36	-312	-1,769
Israel	405	1,137	2,625	3,064	3,351	3,308	-562	-2,122	-854	-1,472
Italy	2,465	1,394	11,109	18,197	23,140	21,652	-747	-571	6,351	5,110
Japan	4,308	11,950	32,407	19,522	24,636	21,567	(NA)	-619	17,528	-8,695
Jordan	228	459	886	1,166	1,143	1,107	-17	66	-278	-10
Korea, Republic of	606	781	2,764	2,959	2,925	2,912	-623	-1,860	-1,059	-4,152
Kuwait	117	1,492	2,500	2,870	3,928	3,405	(NA)	5,891	6,192	14,216
Lebanon	98	1,202	1,835	1,532	1,568	1,580	(NA)	(NA)	(NA)	(NA)
Libya	1,505	2,095	4,105	6,344	13,091	12,842	(NA)	392	2,120	7,364
Malaysia	616	1,456	3,243	3,915	4,387	4,114	8	-444	235	1,375
Malta	148	486	925	1,013	990	956	-4	66	80	53
Mexico	568	1,383	1,842	2,033	2,832	2,560	-1,068	-4,054	-2,594	-4,545
Morocco	119	352	618	557	399	398	-124	-526	-1,340	-1,521
Netherlands	1,454	4,884	5,088	7,591	11,645	10,434	-487	1,990	-1,386	-2,348
New Zealand	257	427	451	451	352	317	-29	-1,400	-387	-545
Nigeria	202	5,586	1,887	5,548	10,235	9,593	-368	42	-3,771	1,225
Norway	788	2,197	2,861	4,215	6,048	5,590	-242	-2,489	-2,097	-1,156
Oman	126	238	387	577	874	848	(NA)	(NA)	(NA)	(NA)
Pakistan	136	340	408	213	496	467	(NA)	-1,051	-706	-1,200
Peru	296	426	390	1,521	1,979	1,966	202	-1,541	-198	618
Philippines	195	1,315	1,763	2,250	2,846	2,846	-48	-923	-1,158	-1,565
Portugal	602	398	871	931	795	751	(NA)	-758	-475	138
Saudi Arabia	543	23,193	19,200	19,273	23,437	20,747	71	13,931	-1,027	10,857
Singapore	1,012	3,007	5,303	5,819	6,567	6,491	-572	-605	-756	-1,177
South Africa	346	489	423	434	726	515	-1,180	-2,442	1,534	3,557
Spain	1,319	5,506	10,112	13,224	11,863	11,307	111	-4,107	1,704	5,985
Sweden	561	2,839	4,124	3,304	3,418	2,949	-266	-365	-275	-2,619
Switzerland	2,401	7,019	17,763	16,435	15,656	15,328	72	2,591	4,436	2,434
Syria	27	702	382	581	337	315	-69	93	-452	87
Thailand	824	1,679	2,009	1,843	1,560	1,552	-250	-606	-1,148	-2,090
Trinidad and Tobago	43	751	1,805	2,138	2,780	2,654	-107	273	99	288
Tunisia	55	380	443	579	590	551	-53	-170	-501	-297
Turkey	304	918	833	767	1,274	1,274	-70	-1,848	-1,221	-1,005
United Arab Emirates	(NA)	988	812	1,432	2,015	1,886	(NA)	(NA)	(NA)	(NA)
United Kingdom	1,478	4,597	16,026	19,744	20,651	18,748	1,878	-3,766	1,147	-3,814
Uruguay	14	73	287	381	473	405	(NA)	-191	-125	-239
Venezuela	637	8,403	6,035	7,320	6,604	5,635	-104	2,170	-5,737	-288
Yemen Arab Republic	(NA)	398	1,459	1,427	1,283	1,256	(NA)	129	70	-124
Yugoslavia	89	812	2,388	1,257	1,384	1,371	(NA)	(NA)	(NA)	(NA)

- Represents zero. NA Not available. ¹ Holdings of convertible foreign currencies. ² Includes countries not shown separately.

Source: International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly with annual supplements.

**NO. 1576. TOTAL EXTERNAL PUBLIC DEBT, 1973 TO 1979, AND BY TYPE OF CREDITOR, 1979, AND
DEBT SERVICE PAYMENTS, 1975 TO 1979**

[External public debt is defined as debt repayable to external creditors in foreign currency, goods, or services, with an original or extended maturity of more than one year, which is a direct obligation of, or has repayment guaranteed by, a public body in the borrowing country. Excludes undisbursed debt (amounts not yet drawn by recipient) and unguaranteed private debt, which for some countries is substantial. Debt contracted for the purchase of military equipment is not usually reported. Debt service payments represent the sum of interest payments and repayments of principal on external public debt.]

COUNTRY	TOTAL EXTERNAL PUBLIC DEBT (mil. dol.)						DEBT SERVICE PAYMENTS (mil. dol.)			DEBT SERVICE RATIO ³ (percent)		
	1973	1975	1978	1979			1975	1978	1979	1975	1978	1979
				Total ¹	Bi-lateral official	International organizations						
Afghanistan	628	712	1,105	1,143	991	-	107	27	52	9	(NA)	(NA)
Algeria	2,932	4,477	12,699	15,330	1,912	8,685	245	457	1,454	2,687	8.7	20.4
Argentina	2,783	3,117	6,796	8,716	882	4,468	1,002	789	2,122	1,487	22.0	27.1
Bahrain	27	51	76	92	92	-	-	2	7	7	.1	.3
Bangladesh	368	1,611	2,765	2,842	1,606	24	1,084	66	94	84	16.2	11.8
Bolivia	631	797	1,648	1,835	602	675	360	74	350	258	14.4	48.7
Brazil	7,467	13,608	30,157	35,092	3,047	24,291	2,754	1,666	4,372	6,252	16.6	30.0
Burma	232	281	860	1,141	615	105	298	34	47	91	17.5	15.4
Cameroon	237	372	1,157	1,634	600	492	396	36	98	126	5.3	7.4
Chile	2,812	3,731	4,352	4,767	1,340	2,350	324	502	1,216	1,258	28.6	38.2
China: Taiwan	933	1,636	2,935	3,082	1,191	1,414	256	241	633	731	3.8	4.4
Colombia	1,914	2,348	2,803	3,426	1,011	1,050	1,139	249	398	664	11.1	9.5
Congo	202	363	752	799	461	95	105	35	28	106	12.7	7.3
Costa Rica	249	421	954	1,277	209	639	357	64	236	255	10.6	22.8
Dominican Rep.	304	410	726	828	373	388	115	51	78	159	5.0	9.4
Ecuador	332	457	1,587	2,207	280	1,461	287	50	206	713	4.5	11.8
Egypt	2,224	4,829	9,921	11,409	6,908	627	2,634	595	1,211	1,041	22.5	22.3
Ethiopia	258	353	511	620	266	16	338	26	26	26	7.5	6.5
Gabon	346	728	1,263	1,214	254	753	48	89	309	346	5.5	20.8
Ghana	704	673	844	977	488	19	256	60	47	50	5.6	4.7
Greece	1,541	2,552	2,122	3,532	667	2,342	304	445	571	740	10.5	8.4
Guatemala	112	164	367	482	197	1	282	13	24	33	1.7	1.7
Guinea	605	761	907	990	658	19	127	35	66	83	-	20.0
Honduras	134	264	595	746	188	178	364	16	60	108	4.7	8.4
India	10,400	12,235	15,351	15,641	10,141	60	5,269	753	937	963	12.4	9.6
Indonesia	5,248	8,014	13,128	13,326	7,071	2,927	1,440	518	1,463	2,107	7.3	12.3
Iran	4,470	3,815	7,372	(NA)	(NA)	(NA)	(NA)	948	1,057	(NA)	4.5	4.1
Iraq	449	403	878	(NA)	(NA)	(NA)	(NA)	63	232	(NA)	.9	1.9
Israel	4,527	5,915	9,209	9,954	6,347	1,405	113	712	538	856	18.3	7.8
Ivory Coast	578	916	2,812	3,547	632	2,116	425	131	398	531	8.8	13.0
Jamaica	342	684	1,054	1,182	451	415	196	79	192	208	6.8	16.3
Jordan	209	340	840	1,047	658	266	106	21	58	96	3.6	4.1
Kenya	446	570	1,085	1,428	431	360	539	36	108	104	3.6	7.2
Korea, Rep. of	3,644	5,663	12,074	14,694	3,681	5,355	2,109	685	1,628	2,636	11.6	10.7
Lebanon	56	46	46	93	32	1	81	11	8	9	(NA)	(NA)
Malaysia	720	1,398	2,891	3,004	508	1,455	659	144	704	575	3.3	8.4
Mal	285	349	539	545	361	13	162	3	9	9	2.4	7.1
Mauritania	108	188	575	590	347	58	110	40	26	66	20.7	16.3
Mexico	5,585	11,533	25,638	28,805	907	22,342	2,726	1,595	6,237	10,358	25.1	53.4
Morocco	998	1,753	5,139	6,227	2,125	2,817	753	145	548	799	5.7	18.7
Nicaragua	334	598	961	1,101	337	382	350	58	98	56	12.3	13.4
Nigeria	1,156	1,085	2,181	3,744	491	2,698	526	247	128	264	2.7	1.2
Oman	42	270	562	456	257	89	58	35	135	209	2.4	8.5
Pakistan	4,232	5,097	7,562	7,998	6,095	191	1,540	250	384	485	15.6	12.2
Panama	458	774	1,805	2,106	247	1,196	268	72	573	394	5.9	33.1
Peru	1,442	3,021	5,403	5,931	2,409	2,486	331	441	750	914	25.3	31.1
Philippines	877	1,377	4,242	5,180	1,094	1,879	1,773	225	642	805	7.1	13.3
Portugal	606	827	2,806	3,708	1,217	1,766	371	113	226	411	2.7	4.0
Senegal	176	295	608	786	260	239	199	39	97	122	5.4	13.4
Singapore	423	550	1,134	1,323	353	201	174	55	304	219	.7	2.3
Somalia	127	228	500	546	420	-	124	4	5	2	3.4	3.1
Spain	1,704	3,409	7,603	8,656	1,479	4,771	509	390	2,422	1,703	2.7	10.1
Sri Lanka	485	598	1,013	1,086	763	-	281	138	89	76	21.8	9.2
Sudan	464	1,181	2,085	2,114	989	470	436	112	76	277	21.7	9.5
Syria	413	678	1,969	2,283	1,869	49	249	104	295	350	7.9	20.8
Tanzania	464	798	1,095	1,153	639	31	460	29	30	39	5.9	5.7
Thailand	443	616	1,791	2,699	715	985	923	73	195	278	2.4	3.8
Trinidad and Tobago	151	159	418	422	30	280	62	27	32	49	2.1	1.9
Tunisia	828	1,042	2,360	3,057	1,457	1,030	426	102	202	336	6.9	10.9
Turkey	2,869	3,159	6,285	10,972	5,416	3,440	1,796	262	429	640	7.9	10.7
Uruguay	344	617	793	914	130	312	167	228	427	123	50.0	53.7
Venezuela	1,541	1,262	6,893	9,797	210	7,531	249	539	750	1,544	5.4	6.9
Yemen Arab Rep.	173	244	465	486	333	-	132	4	16	45	8.5	8.4
Yugoslavia	1,877	2,327	3,477	3,700	2,145	335	1,181	452	403	553	5.5	3.4
Zaire	901	1,717	3,574	3,780	(NA)	1,569	389	151	140	168	15.1	8.2
Zambia	655	1,099	1,396	1,559	716	284	360	89	191	301	10.2	20.8

— Represents zero. ² NA Not available. ¹ Includes other types of creditors, not shown separately. ³ Includes other private financial institutions. ⁴ Debt service payments as percent of exports.

Source: The World Bank, Washington, D.C., *World Debt Tables*, periodic.

**NO. 1577. NET FLOW OF FINANCIAL RESOURCES TO DEVELOPING COUNTRIES, BY ORIGIN AND TYPE
OF RESOURCE: 1970 TO 1980**

[In billions of U.S. dollars. Net flow covers loans, grants, and grant-like flows minus amortization on loans. Military flows are excluded. Developing countries cover countries designated by Development Assistance Committee as developing. The DAC list differs from the UN list (see table 1544) by the inclusion of Greece, Malta, Portugal, Spain, and Yugoslavia and the exclusion of South Africa. Official development assistance covers all flows to developing countries and multilateral institutions provided by official agencies, including State and local governments, or by their executive agencies, which are administered with the promotion of economic development and welfare of developing countries as their main objective and whose financial terms are intended to be concessional in character with grant element of at least 25 percent. Other official flows cover export credits and portfolio investment from the official sector.]

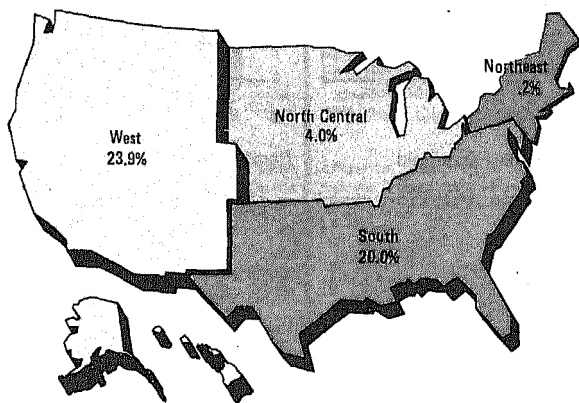
ORIGIN AND TYPE OF RESOURCE	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Development Assistance Committee countries ¹	15.9	20.1	22.4	22.4	44.8	46.6	51.7	71.0	76.2	75.1
Official development assistance	6.9	9.2	9.1	11.6	13.8	13.9	15.7	20.0	22.4	26.8
Bilateral grants ²	3.3	4.4	4.5	5.3	6.3	6.5	7.2	9.4	11.3	13.6
Bilateral loans	2.4	2.3	2.6	2.9	3.5	3.0	2.9	3.7	4.6	4.0
Multilateral contributions ³	1.3	2.6	2.0	3.4	4.0	4.4	5.6	6.9	6.5	9.1
Other official flows	1.1	1.6	2.5	2.2	3.0	3.3	3.3	5.0	2.7	5.3
Private flows at market terms	7.0	8.3	9.4	7.4	26.6	27.9	31.2	44.3	49.1	40.6
Direct investment	3.7	4.2	4.7	1.1	10.5	7.8	9.5	11.2	12.9	8.9
Private export credits	2.2	1.4	1.2	2.5	4.2	6.8	8.3	10.0	10.0	12.6
Portfolio investment	1.2	2.7	3.5	3.7	11.8	13.3	13.4	23.2	26.0	19.2
Private voluntary agencies	.9	1.0	1.4	1.2	1.3	1.4	1.5	1.7	2.0	2.4
Organization of Petroleum Exporting Countries ⁴	(NA)	.5	1.7	6.0	8.2	8.1	7.5	5.8	(NA)	(NA)
Official development assistance	(NA)	.4	1.3	3.4	5.5	5.6	5.9	4.3	8.2	7.0
Other official flows	(NA)	.1	.4	2.5	2.7	2.5	1.8	1.6	(NA)	(NA)
Centrally-planned economies ⁵	.9	1.1	1.3	.9	1.5	1.5	1.4	1.4	1.9	(NA)
Official development assistance	.8	1.0	1.2	.8	1.4	1.3	1.3	1.3	1.8	1.8
Other official flows	.1	.1	.1	.1	.1	.1	.1	.1	.1	(NA)
International bank lending ⁶	3.3	5.3	10.3	10.3	12.4	16.2	18.7	25.5	19.7	(NA)
Total net flow to developing countries, by DAC Country ¹	15.9	20.1	22.4	22.4	44.8	46.6	51.7	71.0	76.2	75.1
United States	6.4	8.0	6.0	4.5	17.7	12.4	12.4	16.2	18.7	13.9
Official development assistance	3.2	4.0	2.7	3.7	4.2	4.4	4.7	5.7	4.7	7.1
Bilateral grants ²	1.4	1.6	1.4	1.7	1.7	1.7	1.7	2.1	2.5	3.0
Bilateral loans	1.3	1.1	.9	.8	1.2	1.2	1.2	1.4	1.6	1.4
Multilateral contributions ³	.5	1.2	.3	1.1	1.2	1.5	1.8	2.2	.6	2.8
Other official flows	.1	.2	.5	.8	.9	.8	.8	1.3	1.0	1.1
Private flows at market terms	2.5	3.1	2.0	-.7	11.8	6.4	6.2	8.3	12.0	4.3
Direct investment	1.9	1.7	.9	-2.2	7.2	3.1	4.9	5.6	8.0	3.4
Private export credits and portfolio investment	.6	1.4	1.1	1.5	4.6	3.3	1.3	2.7	4.0	.9
Private voluntary agencies	.6	.7	.9	.7	.8	.8	.8	.9	1.0	1.3
Australia	.4	.4	.4	.5	.6	.5	.6	.7	.9	.9
Austria	.1	.1	.1	.2	.2	.4	.5	.5	.2	.2
Belgium	.3	.4	.5	.6	.9	1.2	1.3	2.8	2.3	2.9
Canada	.6	1.0	1.1	1.7	2.0	2.5	2.4	2.2	2.4	2.8
Denmark	.1	.1	.2	.2	.3	.5	.4	.7	.7	.8
Finland	(2)	(2)	(2)	.1	.1	.1	.1	.1	.2	.2
France	1.8	2.1	2.8	3.4	3.9	5.3	5.2	7.9	8.7	11.5
Germany, Fed. Rep. of	1.5	1.8	1.8	3.2	5.0	5.6	6.1	7.6	7.3	10.6
Italy	.7	.7	.6	.4	1.6	1.5	2.0	3.2	4.1	4.0
Japan	1.8	2.7	5.8	3.0	2.9	4.0	5.5	10.7	7.6	6.8
Netherlands	.4	.7	.6	.9	1.3	1.7	2.1	2.7	1.9	2.3
New Zealand	(2)	(2)	(2)	.1	.1	.1	.1	.1	.1	.1
Norway	.1	.1	.1	.2	.3	.5	.5	.6	.8	.9
Sweden	.2	.3	.4	.6	.8	1.1	1.6	1.3	1.2	1.8
Switzerland	.1	.2	.3	.4	.7	1.3	3.9	3.7	5.5	2.7
United Kingdom	1.2	1.5	1.5	2.4	6.5	8.0	7.0	9.9	13.6	12.8

NA Not available. Z Less than \$50 million. ¹ Includes flows to OPEC countries (see footnote 4). Comprises as donors Australia, Austria, Belgium, Canada, Denmark, Finland, France, Federal Republic of Germany, Italy, Japan, Netherlands, New Zealand, Norway, Sweden, Switzerland, United Kingdom, and United States. ² Includes "grant-like" flows (i.e., loans repayable in recipients' currencies). ³ Includes capital subscriptions to multilateral organizations in the form of demand instruments as of date of issue. ⁴ Algeria, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela. ⁵ Bulgaria, Czechoslovakia, German Democratic Republic, Hungary, Poland, Romania, and Soviet Union. ⁶ Estimate of net change in outstanding long-term assets of banking sector in DAC countries and their affiliates in non-DAC countries. DAC portion of total (\$20.3 billion in 1978) is included in private flows data, mainly under portfolio investment. Data for 1970-1975 are estimates based on movements in published syndicated bank loans.

Source: Organisation for Economic Co-operation and Development, Paris, France, *Report by the Chairman of the DAC. 1980 Review*, and earlier issues, and unpublished data.

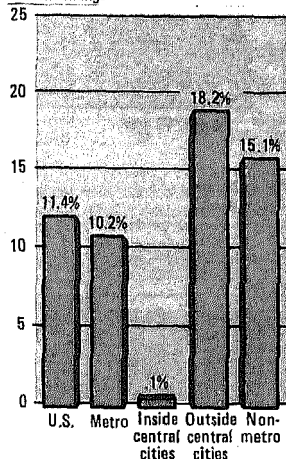
Population

Resident Population—
Percent Change:
1970 to 1980



Metropolitan/Nonmetropolitan
Population, 1970 to 1980

Percent change



Subject	Unit of measure	1960	1970	1980	Percent change	
					1960-70	1970-80
Resident population, total	Millions	179.3	203.3	226.5	13.4	11.4
Northeast	Millions	44.7	49.1	49.1	9.8	.2
North Central	Millions	51.6	56.6	58.9	9.6	4.0
South	Millions	55.0	62.8	75.3	14.3	20.0
West	Millions	28.1	34.8	43.2	24.2	23.9
In metropolitan areas (318 SMSA's) ¹	Millions	131.3	153.7	169.4	17.0	10.2
Central cities	Millions	(NA)	67.9	67.9	(NA)	.1
Outside central cities	Millions	(NA)	85.8	101.5	(NA)	18.2
In nonmetropolitan areas	Millions	48.0	49.6	57.1	3.3	15.1
Urban	Millions	125.3	149.3	167.0	19.2	11.8
Percent of total	Percent	69.9	73.5	73.7	(NS)	(NS)
Rural	Millions	54.1	53.9	59.5	-.3	10.5

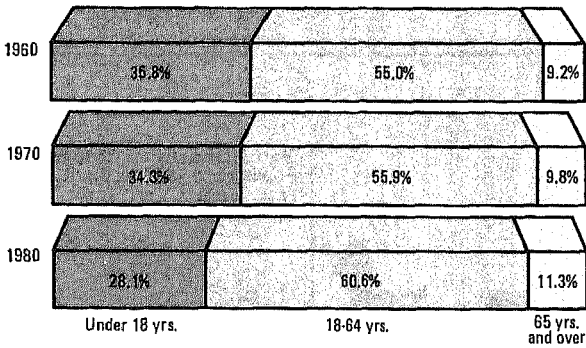
NA Not available.

NS Not significant.

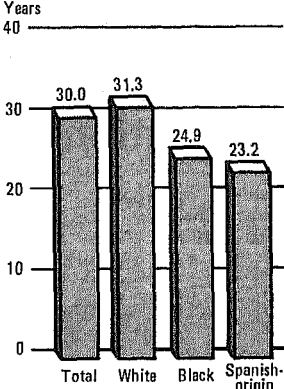
¹ Standard metropolitan statistical areas as defined, June 30, 1981.

Population

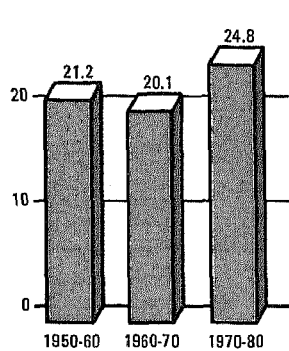
Resident Population—Age Distribution



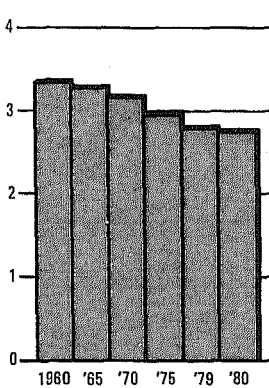
Median Age: 1980



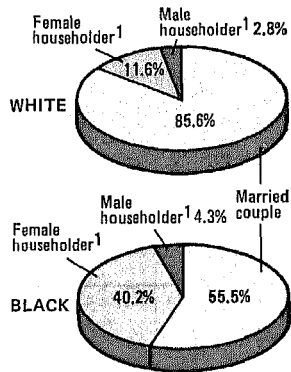
Households
Percent change



Persons per Household



Family Characteristics: 1980



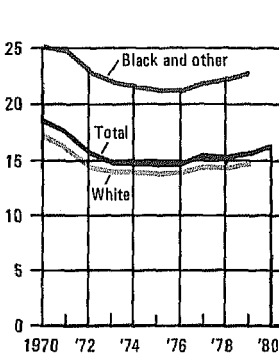
Subject	Unit of measure	1960	1970	1980	Percent change	
					1960-70	1970-80
Resident population, total	Millions	179.3	203.3	226.5	13.4	11.4
Under 18 years	Millions	64.2	69.7	63.7	8.5	-8.5
18-64 years	Millions	98.6	113.6	137.2	15.2	20.8
65 years and over	Millions	16.6	20.0	25.5	20.6	27.9
White	Millions	158.8	178.1	188.3	12.1	5.8
Black	Millions	18.9	22.6	26.5	19.7	17.3
Persons of Spanish origin	Millions	(NA)	9.1	14.6	(NA)	61.0
Households	Millions	52.8	63.4	79.1	20.1	24.8
Persons per household	Number	3.33	3.14	2.75	(NS)	(NS)
One person households	Millions	6.9	10.7	17.8	55.1	66.4
Families, total	Millions	45.1	51.6	58.4	14.4	13.3
Married-couple	Millions	39.3	44.8	48.2	13.8	7.7
Female householder ¹	Millions	4.5	5.6	8.5	24.1	52.7

NA Not available. NS Not significant. ¹ No spouse present.

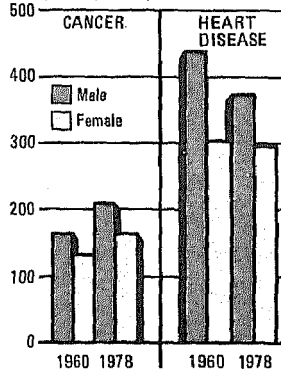
Vital Statistics, Health

Birth Rate, by Race

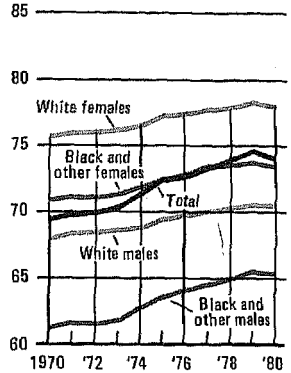
Rate per 1,000 population


Death Rates, by Cause

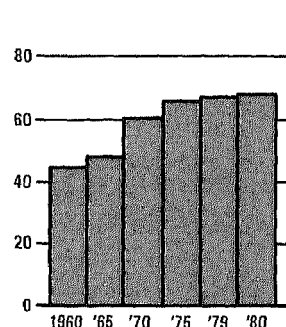
Rate per 100,000 population


Life Expectancy at Birth

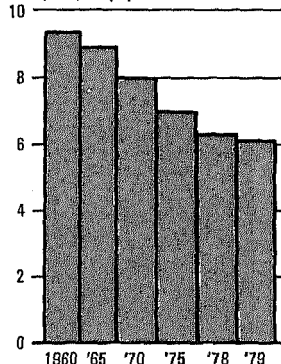
Years


Third Party Payments as Percent of Personal Health Expenditures

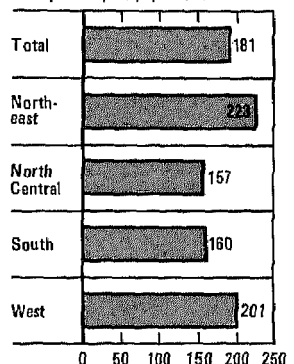
Percent


Hospital Beds

Rate per 1,000 population


Physicians, by Region: 1979

Rate per 100,000 population



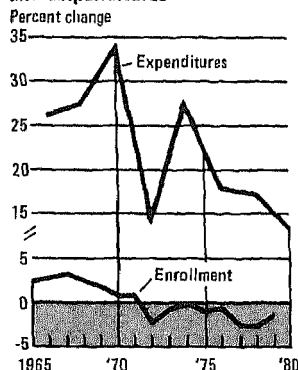
Subject	Unit of measure	1960	1970	1975	1979	1980	Average annual percent change		
							1980-70	1970-75	1975-80
Births.....	1,000	4,258	3,731	3,144	3,494	3,598	-1.3	-3.4	2.7
Deaths.....	1,000	1,712	1,921	1,893	1,906	1,986	1.2	-3	1.0
Birth rate per 1,000 population.....	Rate	23.7	18.4	14.8	15.9	18.2	-2.5	-4.3	1.8
White.....	Rate	22.7	17.4	13.8	14.8	(NA)	-2.6	-4.5	¹ 1.8
Black and other.....	Rate	32.1	25.1	21.2	22.8	(NA)	-2.4	-3.3	¹ 1.8
Death rate per 100,000 population.....	Rate	955	945	889	886	893	-1	-1.2	.1
Heart disease.....	Rate	369	362	336	² 334	(NA)	-2	-1.5	³ -2
Cancer.....	Rate	149	163	172	² 182	(NA)	.9	1.1	³ 1.9
Marriage rate per 1,000 population.....	Rate	8.5	10.6	10.1	10.6	10.9	2.2	-1.9	1.5
Divorce rate per 1,000 population.....	Rate	2.2	3.5	4.9	5.4	5.3	4.8	7.0	1.6
Life expectancy at birth: Male.....	Years	66.6	67.1	68.7	69.9	69.8	.1	.5	.3
Female.....	Years	73.1	74.8	76.5	77.8	77.5	.2	.5	.3
Personal health care expenditures ⁴	\$Bil.	23.7	65.1	116.8	189.1	217.9	10.7	12.4	13.3
Third party payments.....	Percent	45.1	60.1	66.6	67.2	67.6	(NS)	(NS)	(NS)
Hospital beds per 1,000 population.....	Rate	9.3	8.0	6.9	6.2	(NA)	-1.5	-2.9	¹ -2.6
Physicians, active, non-Federal.....	1,000	(NA)	279	335	395	(NA)	(NA)	3.7	¹ 4.2
Rate per 100,000 population.....	Rate	(NA)	138	151	181	(NA)	(NA)	1.8	¹ 4.6

 NA Not available. NS Not significant. ¹ Change, 1975-79. ² 1978 data. ³ Change, 1975-78.

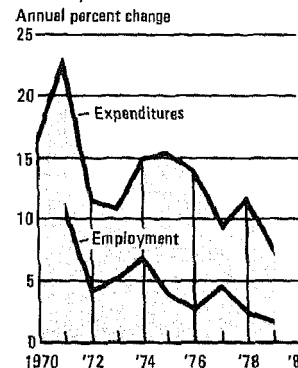
⁴ Excludes research, construction, public health activities and net cost of insurance.

Education, Law Enforcement

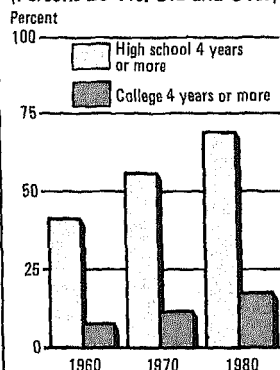
Public School Enrollment and Expenditures
Percent change



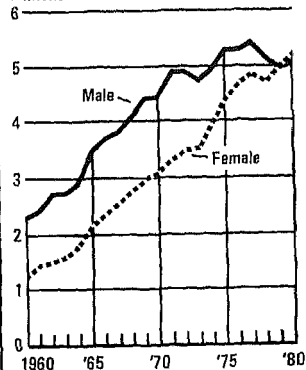
Criminal Justice Employment and Expenditures
Annual percent change



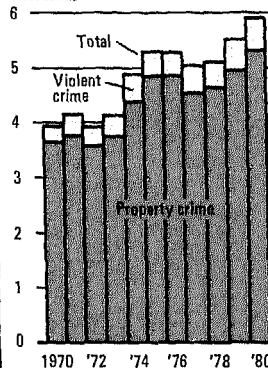
Educational Attainment
(Persons 25 Yrs. Old and Over)



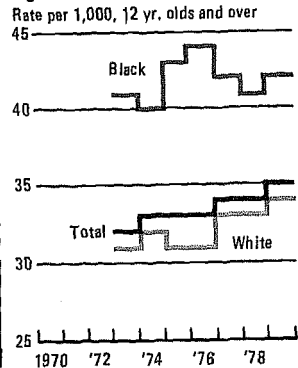
College Enrollment, by Sex
Millions



Crime Rate/100,000 Persons
Thousands



Victimization Rates of Crimes Against Persons
Rate per 1,000, 12 yr. olds and over



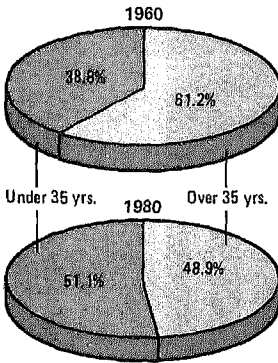
Subject	Unit of measure	1960	1970	1975	1979	1980	Average annual percent change		
							1960-70	1970-75	1975-80
School enrollment (Oct.)	Millions	46.3	60.4	61.0	57.9	57.3	2.7	.2	-1.2
Elem. and secondary, public.	Millions	36.7	46.2	44.5	41.3	(NA)	2.3	-.7	-1.8
Elem. and secondary, private	Millions	5.9	5.7	5.0	4.6	(NA)	-.3	-2.4	-1.7
School expenditures ²	\$Bil.	26.8	98.4	121.6	166.2	181.3	13.9	4.3	8.3
Elem. and secondary, public.	\$Bil.	13.7	39.6	63.0	81.5	89.9	11.2	9.7	7.4
College enrollment (Oct.)	Millions	3.6	7.4	9.7	10.0	10.2	7.5	5.5	1.0
Percent female.	Percent	35.9	40.6	44.9	50.0	50.6	(NS)	(NS)	(NS)
Educational attainment: ³									
High school, 4 yrs. or more	Percent	41.1	55.2	62.5	67.7	68.6	(NS)	(NS)	(NS)
College, 4 yrs. or more	Percent	7.7	11.0	13.9	16.4	17.0	(NS)	(NS)	(NS)
Crimes, number	1,000	3,384	8,098	11,257	12,153	13,295	9.1	6.8	3.4
Crime rate per 100,000 population	Rate	1,887	3,985	5,282	5,521	5,900	7.8	5.8	2.2
Violent (against persons)	Rate	161	364	482	535	581	8.5	5.8	3.8
Property	Rate	1,726	3,621	4,800	4,986	5,319	7.7	5.8	2.1
Criminal justice employment	1,000	(NA)	775	1,051	1,178	(NA)	(NA)	6.3	¹ 2.9
Criminal justice expenditures	\$Mil.	3,349	8,571	17,249	25,871	(NA)	9.9	15.0	¹ 10.7

NA Not available. NS Not significant. ¹ Change, 1975-79. ² For school year ending in June the following year.

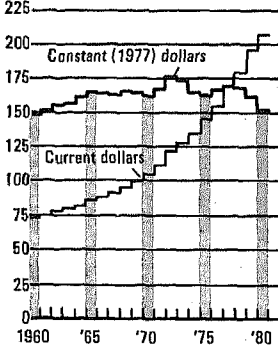
³ Persons 25 years old and over.

Labor Force, Income

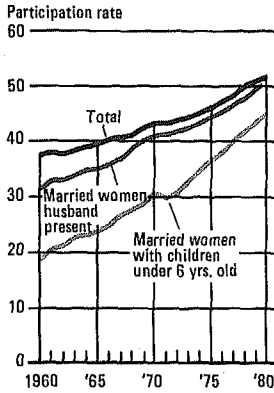
Labor Force—Age Composition



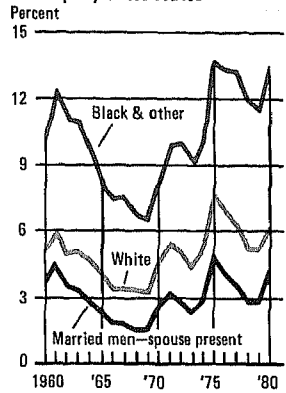
Weekly Earnings—Private Nonagricultural (Married worker with 3 dependents)



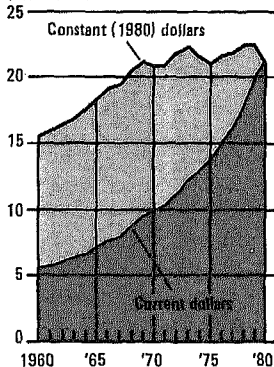
Female Labor Force



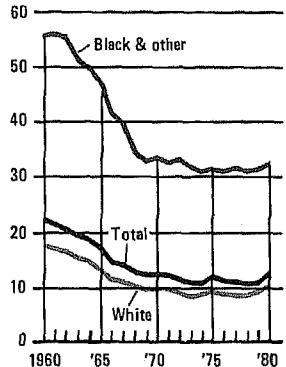
Unemployment Rates



Median Family Income \$ Thousands



Persons in Poverty



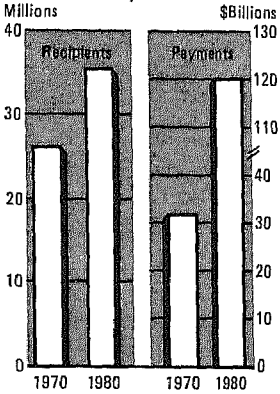
Subject	Unit of measure	1960	1970	1975	1979	1980	Average annual percent change		
							1960-70	1970-75	1975-80
Labor force, total	Millions	72.1	85.9	94.8	105.0	108.8	1.8	2.0	2.4
Percent under 35 yrs. of age	Percent	38.8	43.8	49.0	51.0	51.1	(NS)	(NS)	(NS)
Civilian labor force	Millions	69.6	82.7	92.6	102.9	104.7	1.7	2.3	2.5
Unemployed	Millions	3.9	4.1	7.8	6.0	7.4	.5	13.7	-1.1
Unemployment rate	Percent	5.5	4.9	8.5	5.8	7.1	(NS)	(NS)	(NS)
Female participation rate	Percent	37.7	43.3	46.3	51.0	51.6	(NS)	(NS)	(NS)
Married wife, husband present	Percent	30.5	40.8	44.4	49.4	50.2	(NS)	(NS)	(NS)
Earnings, private nonagricultural ¹	Dollars	73	105	146	195	206	3.7	6.8	7.2
Constant (1977) dollars	Dollars	149	164	164	162	152	.9	.1	-1.6
Median family income:									
Current dollars	Dollars	5,620	9,867	13,719	19,661	21,023	5.8	6.8	8.9
Constant (1980) dollars	Dollars	15,637	20,939	21,004	22,320	21,023	3.0	.1	(Z)
Persons in poverty	Percent	22.2	12.6	12.3	11.6	13.0	(NS)	(NS)	(NS)
White	Percent	17.8	9.9	9.7	8.9	10.2	(NS)	(NS)	(NS)
Black ²	Percent	55.9	33.5	31.3	30.9	32.5	(NS)	(NS)	(NS)

NS Not significant. Z Less than .05 percent.

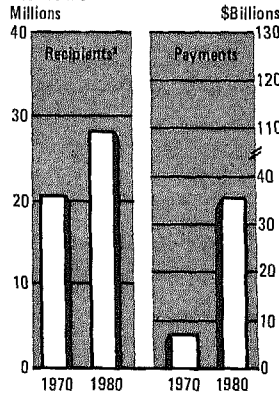
¹ Married worker with three dependents.² 1960 Black and other.

Federal Income Security Programs

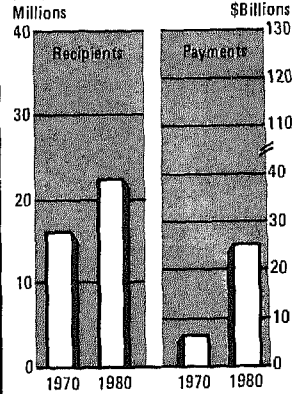
Social Security



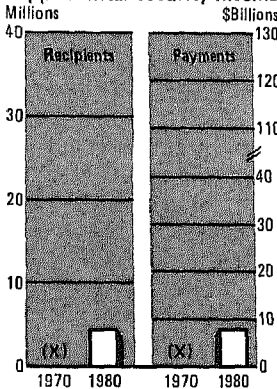
Medicare



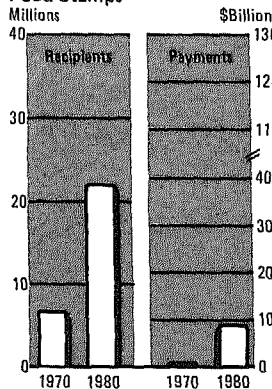
Medicaid



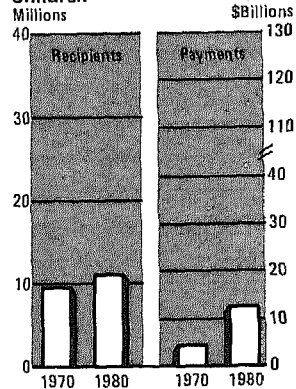
Supplemental Security Income



Food Stamps



Aid to Families with Dependent Children



Subject	Unit of measure	1960	1970	1975	1979	1980	Average annual percent change		
							1960	1970	1975
							-70	-75	-80
Social Security—									
Recipients	Millions	14.8	26.2	32.1	35.1	35.6	5.9	4.1	2.1
Payments	\$Bil.	11	32	67	104	120	11.0	16.0	12.5
Medicare—									
Recipients ¹	Millions	(X)	20.4	24.6	27.5	28.1	(X)	3.9	2.7
Payments	\$Bil.	(X)	7.1	15.6	29.3	33.9	(X)	17.0	16.8
Medicaid—									
Recipients	Millions	(X)	14.5	22.2	21.5	21.6	(X)	8.9	—6
Payments	\$Bil.	(X)	4.8	12.3	20.5	23.3	(X)	20.7	13.6
Supplemental Security Income—									
Recipients ²	Millions	(X)	(X)	4.3	4.2	4.1	(X)	(X)	—8
Payments	\$Bil.	(X)	(X)	5.9	7.1	7.9	(X)	(X)	6.2
Food stamps—									
Recipients	Millions	(X)	6.5	19.2	19.3	22.0	(X)	24.3	2.8
Payments ³	\$Bil.	(X)	.6	4.4	6.5	8.7	(X)	51.5	14.6
Aid to families with dependent children—									
Recipients	Millions	3.1	9.7	11.4	10.4	11.1	12.1	3.4	—5
Payments	\$Bil.	1.0	4.9	9.2	11.1	12.5	17.1	13.7	6.3

X Not applicable.

¹ Represents hospital insurance enrollments.

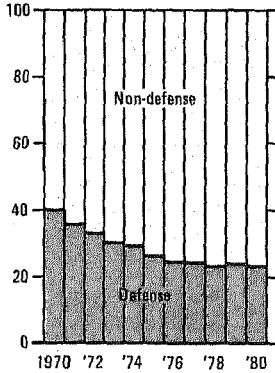
² Federally-administered payments only.

³ Federal cost.

Government, Defense, Elections

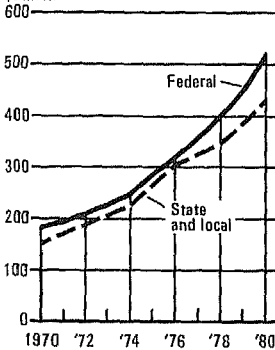
Federal Outlays

Percent

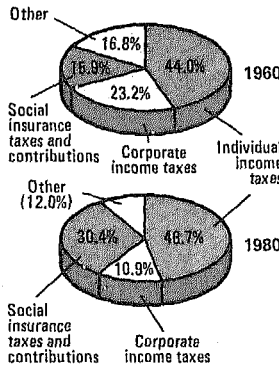


Governmental Direct Expenditures

\$Billions

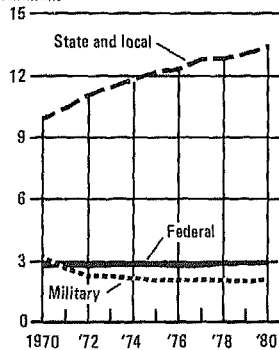


Federal Receipts, by Source

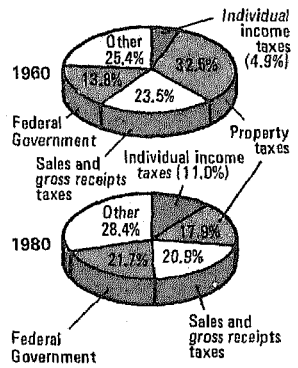


Government Employment and Military Personnel

Millions

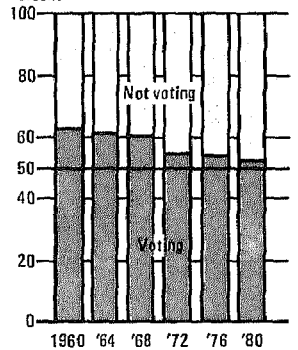


State and Local General Revenue, by Source



Voter Participation in Presidential Elections

Percent



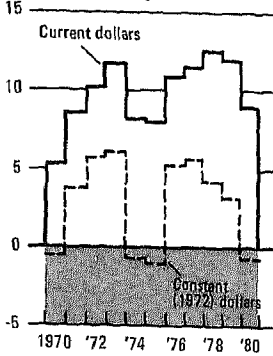
Subject	Unit of measure	1960	1970	1975	1979	1980	Average annual percent change		
							1960-70	1970-75	1975-80
Federal outlays	\$Bil.	92.2	196.6	326.2	493.6	579.6	7.9	10.7	12.2
Defense	Percent	49.0	40.0	26.2	23.8	23.4	(NS)	(NS)	(NS)
Nondefense	Percent	51.0	60.0	73.8	76.2	76.6	(NS)	(NS)	(NS)
Federal receipts	\$Bil.	92.5	193.7	281.0	465.9	520.1	7.7	7.7	13.1
Social security taxes	Percent	15.9	23.4	30.7	30.4	30.9	(NS)	(NS)	(NS)
Corporation taxes	Percent	23.2	16.9	14.5	14.1	12.4	(NS)	(NS)	(NS)
Federal debt outstanding	\$Bil.	290.9	382.6	644.1	833.8	914.3	2.8	7.3	10.9
State and local gov't expenditures	\$Bil.	61.0	148.1	268.2	380.4	432.3	9.3	12.6	10.0
State and local general revenue	\$Bil.	50.5	130.8	228.2	343.3	382.3	10.0	11.8	10.9
Percent Federal	Percent	13.8	16.7	20.6	21.9	21.7	(NS)	(NS)	(NS)
Percent from property taxes	Percent	32.5	26.0	22.6	18.9	17.9	(NS)	(NS)	(NS)
State and local debt outstanding	\$Bil.	70.0	143.6	219.9	304.1	335.6	7.5	8.9	8.8
Federal civilian employment	1,000	2,421	2,881	2,890	2,869	2,907	1.8	.1	.1
State and local employment	1,000	6,387	10,147	12,084	13,102	13,315	4.7	3.6	2.0
Military personnel	1,000	2,476	3,066	2,128	2,027	2,051	2.2	-7.0	-7
Voter participation in Presidential elections ¹	Percent	62.8	² 60.9	³ 55.5	⁴ 54.3	53.2	(NS)	(NS)	(NS)

NS Not significant. ¹ Percent of voting-age population casting votes for President. ² 1968 data. ³ 1972 data. ⁴ 1976 data.

Income and Prices

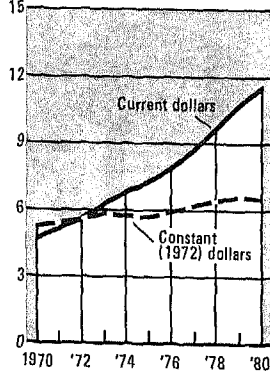
Gross National Product (GNP)

Annual percent change

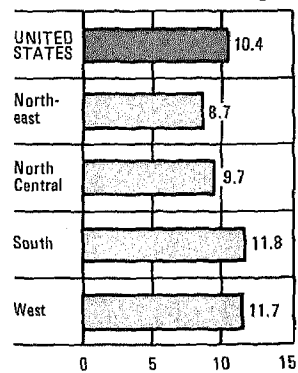


GNP per capita

\$Thousands

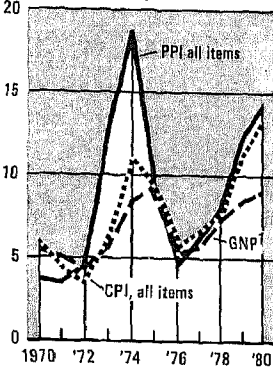


Personal Income, by Region: 1970 to 1980 (Annual % change)



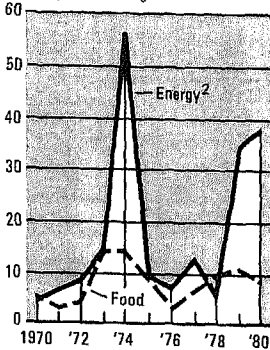
Price Indexes

Annual percent change

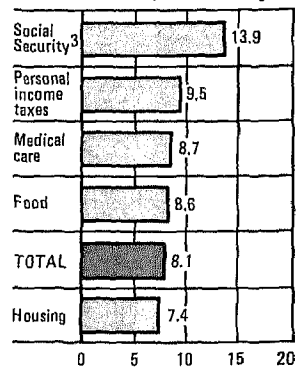


Energy and Food Price Indexes

Annual percent change



Urban Intermediate Budget: 1970 to 1980 (Annual % change)



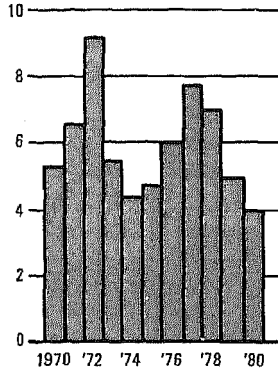
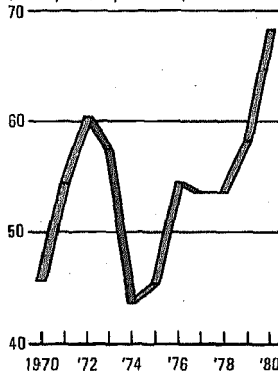
Subject	Unit of measure	1960	1970	1975	1979	1980	Average annual percent change		
							1960-70	1970-75	1975-80
Gross national product (GNP)	\$Bil.	507	993	1,549	2,414	2,626	7.0	9.3	11.1
National income	\$Bil.	416	811	1,239	1,963	2,120	6.9	8.9	11.3
Personal income	\$Bil.	402	811	1,265	1,944	2,160	7.3	9.3	11.3
Disposable personal income	\$Bil.	352	695	1,096	1,642	1,822	7.0	9.5	10.7
Personal saving	\$Bil.	20	56	94	86	101	10.8	10.9	1.5
GNP constant (1972) dollars	\$Bil.	737	1,086	1,234	1,483	1,481	4.0	2.6	3.7
Per capita	\$1,000	4.1	5.3	5.7	6.6	6.5	2.6	1.5	2.6
GNP implicit price deflator, index	1972=100	68.7	91.5	125.6	162.8	177.4	2.9	6.5	7.2
Producer price index (PPI)	1987=100	94.9	110.4	174.9	235.6	268.8	1.5	9.6	9.0
Consumer price index (CPI)		88.7	116.3	161.2	217.4	246.8	2.8	6.8	8.9
Food		88.0	114.9	175.4	234.5	254.6	2.7	8.8	7.7
Fuel oil, coal, & bottled gas		89.2	110.1	235.3	403.1	556.0	2.1	16.4	18.8
Urban intermediate annual budget:									
4-person family	\$1,000	(NA)	10.7	15.3	20.5	23.1	(NA)	7.5	8.6
Retired couple	\$1,000	(NA)	4.5	6.5	8.6	9.4	(NA)	7.6	7.9

NA Not available.

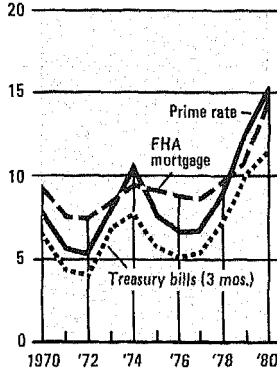
Business and Finance

Money Supply (M-1A)

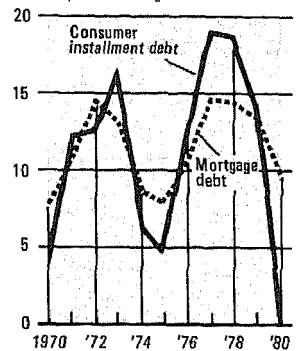
Annual percent change


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

Interest Rates

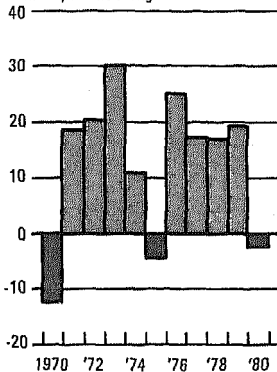
Annual percent change


Consumer Installment and Mortgage Debt

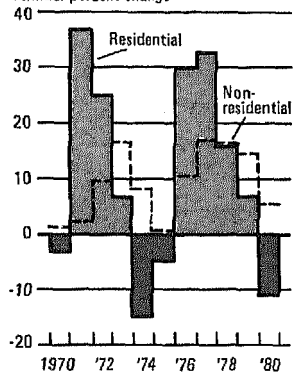
Annual percent change


Corporate Profits After Taxes

Annual percent change


Gross Private Domestic Investment

Annual percent change

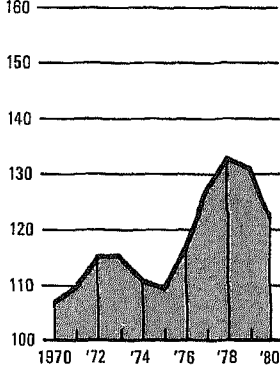


Subject	Unit of measure	1960	1970	1975	1979	1980	Average annual percent change		
							1960-70	1970-75	1975-80
Money supply (M1-A)	\$Bil.	142	216	290	373	388	4.3	6.1	6.0
Interest rates:									
Prime rate charged by banks	Percent	4.8	7.9	7.9	12.7	15.3	(NS)	(NS)	(NS)
Treasury bills, 3-month	Percent	2.9	6.4	5.8	10.1	11.4	(NS)	(NS)	(NS)
Commercial paper	Percent	(NA)	(NA)	6.3	11.0	12.7	(NS)	(NS)	(NS)
Home mortgages, conventional (new)	Percent	(NA)	8.5	9.1	11.2	14.0	(NS)	(NS)	(NS)
Consumer installment debt	\$Bil.	45	106	172	312	313	8.9	10.3	12.8
Mortgage debt outstanding	\$Bil.	207	474	802	1,327	1,452	8.6	11.1	12.6
NYSE Common stock index	Dec. 31, 1965=100	30.0	45.7	45.7	58.3	68.1	4.3	-	8.3
Dow Jones industrial (30 stocks)	Dollars	618	753	803	844	891	2.0	1.3	2.1
Corporate profits before taxes	\$Bil.	49.8	75.4	132.1	265.4	245.5	4.2	11.9	13.2
Corporate profits after taxes	\$Bil.	27.1	41.3	81.5	167.8	163.2	4.3	14.6	14.9
Gross private domestic investment	\$Bil.	75.9	144.2	206.1	415.8	395.3	6.6	7.4	13.9
Residential, fixed	\$Bil.	24.5	37.1	55.3	118.6	105.3	4.3	8.3	13.8
Nonresidential, fixed	\$Bil.	48.5	103.9	157.7	279.7	296.0	7.9	8.7	13.4

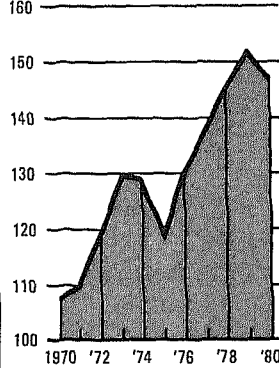
— Represents zero. NA Not available. NS Not significant.

Commerce

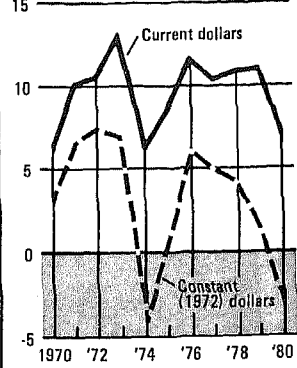
Net Business Formation
Index (1967=100)



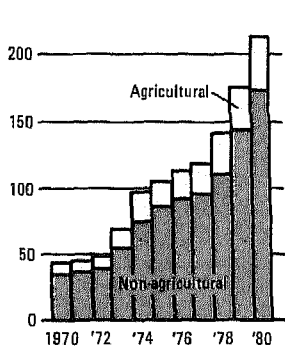
Industrial Production
Index (1967=100)



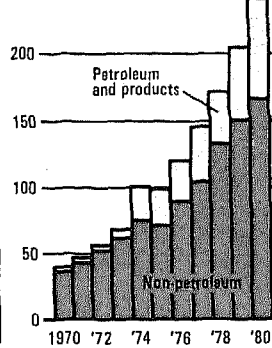
Retail Sales
Annual percent change



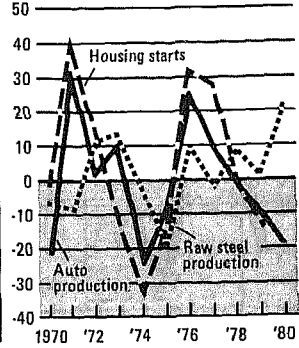
Exports
\$ Billions



Imports
\$ Billions



Auto and Steel Production and Housing Starts
Annual percent change



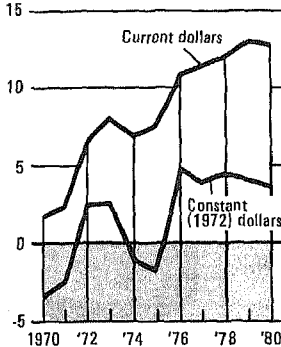
Subject	Unit of measure	1960	1970	1975	1979	1980	Average annual percent change		
							1960-70	1970-75	1975-80
New business incorporations	1,000	183	264	326	525	534	3.7	4.3	10.4
Business failure rate per 10,000 concerns	Rate	57	44	43	28	42	-2.6	-5	-5
Business new capital expenditures	\$Bil.	48.6	105.6	157.7	270.5	295.6	8.1	8.4	13.4
Industrial production index	1967=100	66.2	107.8	117.8	152.5	147.1	5.0	1.8	4.5
Manu. capacity utilization rate	Percent	80	79	73	86	79	(NS)	(NS)	(NS)
Manu. and trade sales, avg. monthly	\$Bil.	61	107	182	292	317	5.8	11.2	11.7
Retail trade sales, current dollars	\$Bil.	219.5	368.4	588.1	894.3	956.7	5.3	9.8	10.2
Constant (1972) dollars	\$Bil.	(NA)	391.8	459.5	542.1	523.9	(NA)	3.2	2.7
Domestic exports, total	\$Bil.	20.4	42.6	106.6	178.6	216.6	7.6	20.1	15.2
Agricultural	\$Bil.	4.8	7.3	21.9	34.7	41.3	4.3	24.6	13.5
General imports, total	\$Bil.	15.1	40.0	96.6	206.3	240.8	10.2	19.3	20.1
Petroleum and products	\$Bil.	1.6	2.8	24.8	56.0	73.8	6.0	55.1	24.4
Automobile production	Mil. units	(NA)	6.5	6.7	8.2	6.6	(NA)	.6	-3
Raw steel production	Mil. sh. tons	99.3	131.5	116.6	136.3	111.8	2.9	-2.4	-8
Housing starts	Mil. units	1.3	1.5	1.2	1.8	1.3	1.3	-4.4	2.3

NA Not available. NS Not significant.

Science, Communications & Transportation

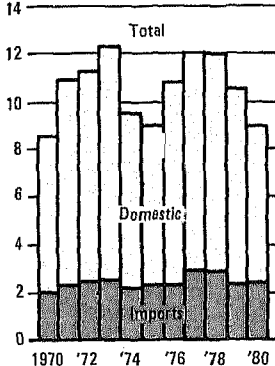
Research and Development Outlays

Annual percent change



New Auto Supply

Million units



Media

TV Sets (Percent)



Cable T.V. (Millions)



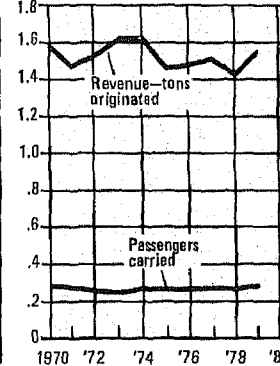
Newspapers (Millions)



*Daily circulation

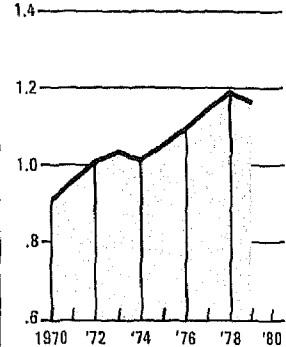
Railroads

Millions



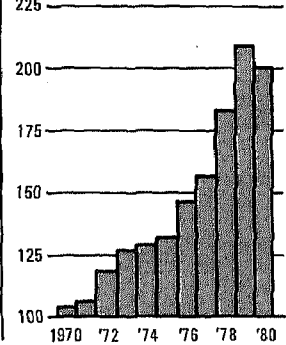
Passenger Cars—Vehicle Miles Traveled

Billions of miles



Air Carriers—Revenue Passenger-Miles Flown

Millions of passenger-miles



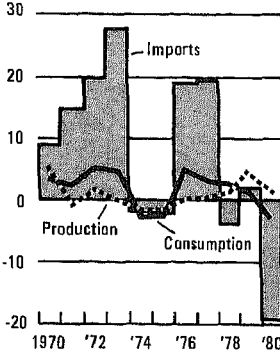
Subject	Unit of measure	1960	1970	1975	1979	1980	Average annual percent change		
							1960-70	1970-75	1975-80
R and D outlays: Current dollars	\$Bil.	13.5	26.1	35.2	54.2	61.1	6.8	6.2	11.7
Constant (1972) dollars	\$Bil.	19.6	28.5	28.2	33.3	34.5	3.8	-2	4.1
Percent of GNP	Percent	2.9	2.6	2.3	2.3	2.3	(NS)	(NS)	(NS)
Newspaper circulation	Millions	56.9	62.1	60.7	62.2	62.2	.9	-5	.5
Households with TV sets	Millions	45.8	58.5	68.5	74.5	76.3	2.5	3.2	2.2
Cable TV subscribers	Millions	.7	4.5	9.8	14.1	15.5	21.4	16.8	9.6
Passenger cars: Registrations ¹	Millions	61.7	89.2	106.7	120.2	123.5	3.8	3.7	3.0
Vehicle miles traveled	Billions	588	901	1,051	1,163	(NA)	4.4	3.1	2.6
Fuel consumed, avg. per vehicle	Gallons	777	830	790	765	(NA)	.7	-1.0	2.8
New automobile supply	Millions	³ 9.9	8.6	9.0	10.6	9.0	⁴ -2.8	.9	-
Domestic output	Millions	³ 9.3	6.5	6.7	8.2	6.6	⁴ -6.9	.6	-3
Import sales	Millions	³ 6	2.0	2.3	2.3	2.4	⁴ 27.2	2.8	.9
Railroads: Passengers carried	Millions	327	289	270	274	(NA)	-1.2	-1.4	2.4
Revenue-tons originated	Millions	1,301	1,572	1,470	1,543	(NA)	1.9	-1.3	2.2
Air carriers: Revenue-passenger miles flown	Billions	30.6	104.1	131.7	208.9	200.1	13.0	4.8	8.7
Avg. passenger-mile rate	Cents	6.1	6.0	7.7	9.1	11.5	-2	5.1	8.4

- Represents zero. NA Not available. NS Not significant. ¹ Includes taxis. ² Change, 1975-79. ³ 1965 data.

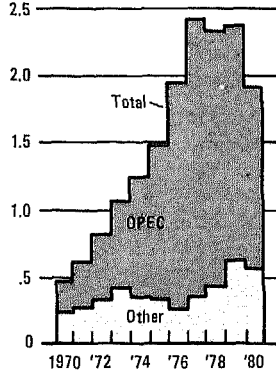
⁴ Change, 1965-70.

Energy and Agriculture

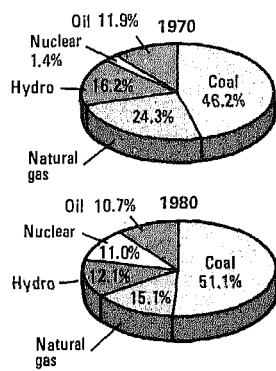
Energy Production, Consumption and Imports
Annual percent change



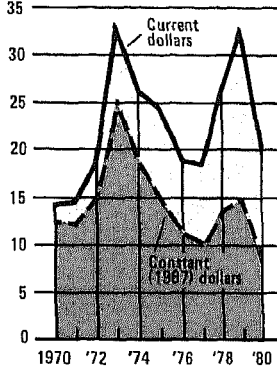
Crude Oil Imports into U.S.
Billions of barrels (42 gal.)



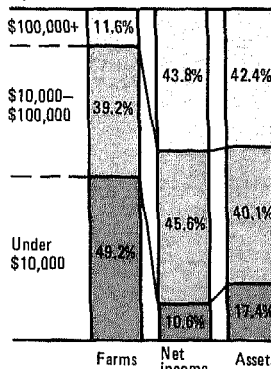
Electric Energy Production, by Source of Energy



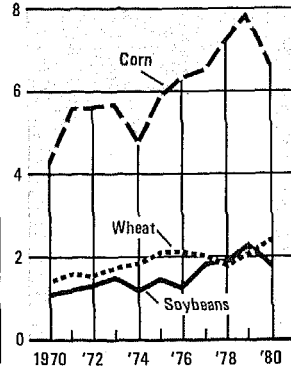
Net Farm Income
\$Billions



Farms, Income, and Assets by Value of Sales: 1980



Crop Production
Billion bushels



Subject	Unit of measure	1960	1970	1975	1979	1980	Average annual percent change		
							1960-70	1970-75	1975-80
							-70	-75	-80
Energy consumption	Quad. Btu	44.1	66.8	70.7	79.0	76.3	4.2	1.1	1.5
Energy production	Quad. Btu	41.8	62.5	60.1	63.9	64.9	4.1	-8	1.6
Energy imports	Quad. Btu	4.2	8.4	14.1	19.6	15.8	7.2	10.9	2.3
Fossil fuel prices per mil. Btu's	Dollars	.29	.32	.84	1.43	2.03	1.0	21.3	19.3
Crude oil production	Mil. bbl.	2,575	3,517	3,057	3,121	3,146	3.2	-2.8	.6
Imports	Mil. bbl.	372	483	1,498	2,380	1,911	2.7	25.4	5.0
Electric utility production	Bil. kWh	753	1,532	1,918	2,247	2,286	7.4	4.6	3.6
Nuclear	Bil. kWh	1	22	173	255	251	36.2	51.1	7.7
Farms, number ¹	Million	4.0	2.9	2.5	2.4	2.4	-2.9	(X)	-8
Land in farms (acres) ¹	Million	1,176	1,102	1,059	1,043	1,042	-7	(X)	-3
Net farm income: Current dollars	\$Bil.	11.5	14.2	24.5	32.7	19.9	2.1	11.6	-4.1
Constant (1967) dollars	\$Bil.	13.0	12.2	15.2	15.0	8.0	-6	4.5	-11.9
Corn production	Bil. bu.	3.9	4.2	5.8	7.9	6.6	.6	7.1	2.6
Wheat production	Bil. bu.	1.4	1.4	2.1	2.1	2.4	(-Z)	9.5	2.2
Soybean production	Bil. bu.	.6	1.1	1.5	2.3	1.8	7.3	6.6	3.3
Meat production	Bil. lb.	28.2	36.2	36.8	37.6	39.0	2.5	.3	1.2

X Not applicable. Z Less than .05 percent. ¹ 1960 and 1970 based on 1969 census definition, 1975 to 1980 based on 1974 definition.

APPENDIX I

Historical Series—Index to Tables in Which *Historical Statistics* Series Appear

(The most recent historical supplement to the *Statistical Abstract* is the bicentennial edition, *Historical Statistics of the United States, Colonial Times to 1970* (see inside back cover). Listed below are statistical time series (identified by number) appearing in this edition, for which tables in the *Statistical Abstract* present comparable figures. Historical series are listed only where related or comparable data are available for one or more years later than 1970. In a few instances, it may be necessary to combine figures shown in the *Abstract* to obtain totals comparable to the series shown in *Historical Statistics*.)

<i>Historical Statistics</i> series	1981 <i>Abstract</i> table number	<i>Historical Statistics</i> series	1981 <i>Abstract</i> table number	<i>Historical Statistics</i> series	1981 <i>Abstract</i> table number	<i>Historical Statistics</i> series	1981 <i>Abstract</i> table number
A		B—Con.		E—Con.		H—Con.	
A 8-8.....	2	B 413-422.....	175	E 203-211.....	793	H 355-367.....	557
A 9-22.....	6					H 392-397.....	556
A 23-25.....	30	C		F		H 398-411.....	576
A 29-41.....	30					H 413-417.....	214
A 43-72.....	14	C 1-10.....	39	F 1.....	702	H 420.....	239
A 73-90.....	15	C 25-75.....	25	F 5.....	700	H 421-429.....	219
A 105-118.....	38	C 76-78.....	1159	F 6-9.....	707	H 487-507.....	236
A 119-134.....	29	C 89.....	128	F 10-16.....	705	H 513-519.....	217
A 135-142.....	38	C 89-119.....	130	F 17-30.....	708	H 520-530.....	239
A 143-149.....	26	C 120-142.....	132	F 31.....	704	H 531-534.....	247
A 158-159.....	124	C 143-157.....	129	F 32-70.....	699	H 535-544.....	243
A 160-171.....	46	C 144.....	139	F 130-143.....	703	H 572-581.....	280
A 172.....	9	C 149-157.....	143	F 144-182.....	707	H 587-597.....	259
A 195-198.....	9	C 158-160.....	139	F 183-185.....	709	H 598-601.....	264
A 197-198.....	37	C 162-167.....	147	F 192-209.....	710	H 602-617.....	231
A 199-201.....	36	C 168.....	146	F 226-237.....	711	H 669-688.....	233
A 204-209.....	31	C 169-179.....	148	F 262-286.....	713	H 689.....	214
A 210-263.....	342	C 180.....	146	F 297-348.....	714	H 690-692.....	268
A 264-275.....	20	C 185-295.....	40	F 480-527.....	924	H 699-705.....	266
A 276-287.....	19	C 295-331.....	415	F 528-534.....	1371	H 705.....	268
A 288-319.....	60			F 552-565.....	718	H 710.....	266
A 320-334.....	61			F 566-594.....	719	H 716-738.....	276
A 335-349.....	65	D				H 747-749.....	276
A 353-358.....	67	D 11-19.....	635	G		H 752-756.....	264
A 359-371.....	77	D 29-41.....	637	G 1-8.....	725	H 767-771.....	1050
		D 42-48.....	636	G 16-23.....	725	H 774.....	1050
B		D 49-62.....	652	G 24-30.....	743	H 793-799.....	80
B 1-5.....	83	D 65-85.....	635	G 85-102.....	730	H 806-828.....	390
B 5-10.....	85	D 87-101.....	661	G 124-128.....	730	H 829-835.....	393
B 11.....	84	D 116-126.....	665	G 179-188.....	729	H 862-864.....	402
B 12-20.....	85	D 127-141.....	666	G 190-192.....	725	H 865-870.....	403
B 20-27.....	86	D 142-151.....	669	G 193-195.....	743	H 871.....	402
B 28-35.....	98	D 162-232.....	673	G 197-199.....	725	H 874.....	402
B 49-66.....	96	D 235-662.....	675	G 200-202.....	743	H 875-876.....	400
B 107-115.....	105	D 689-704.....	671	G 205-256.....	734	H 877.....	402
B 116-125.....	106	D 739-764.....	686	G 257-268.....	742	H 878-893.....	396
B 136-147.....	111	D 802-810.....	669	G 416-469.....	708	H 899-920.....	412
B 142.....	83	D 816-829.....	685	G 851-856.....	209	H 921-940.....	414
B 149-166.....	113	D 877-882.....	669	G 881-915.....	208	H 946-951.....	414
B 163-165.....	119	D 893-904.....	686			H 952-961.....	293
B 167-173.....	108	D 913.....	280	H		H 971-978.....	301
B 181-192.....	108	D 918-919.....	169	H 1-47.....	518	H 979-986.....	121
B 214-220.....	124	D 921-926.....	612	H 51-56.....	528	H 987-989.....	306
B 221-235.....	151	D 933-934.....	691	H 57-69.....	529	H 999-1011.....	309
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B 248-261.....	150	D 970-976.....	693	H 115-124.....	545	H 1063-1078.....	319
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B 291-303.....	192			H 186-196.....	528	H 1112-1118.....	321
B 305-318.....	175	E		H 197-229.....	535	H 1119-1124.....	327
B 331-344.....	175	E 1-22.....	769	H 238-242.....	534	H 1135-1140.....	330
B 359-362.....	178	E 23-29.....	773	H 245-259.....	537	H 1155-1167.....	340
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B 401-412.....	159	E 135-173.....	779	H 305-317.....	557	J 1-2.....	343
				H 332-345.....	553	J 3-6.....	362
				H 346-354.....	560	J 8.....	387

Historical Series—Index to Tables in Which *Historical Statistics Series* Appear—Continued

[See headnote, p. 914]

Historical Statistics series	1981 Abstract table number	Historical Statistics series	1981 Abstract table number	Historical Statistics series	1981 Abstract table number	Historical Statistics series	1981 Abstract table number
J—Con.		L—Con.		P		R—Con.	
J 10-15.....	386	L 176-177.....	1276	P 1-12.....	1405	R 46-70.....	953
J 16-19.....	389	L 178-191.....	1272	P 13.....	1407	R 75-88.....	953
J 26-32.....	386	L 192-198.....	1273	P 18-39.....	1407	R 106-122.....	980
J 33-34.....	1255	L 199-205.....	1264	P 58-67.....	1423	R 123-139.....	959
J 41-42.....	393	L 206-210.....	1263	P 74-92.....	1411	R 140-148.....	961
J 50-65.....	1179	L 212-223.....	1265	P 93-106.....	942	R 163-171.....	946
J 66.....	381	L 224-226.....	1277	P 107-122.....	1415	R 172-186.....	949
J 71.....	381	L 227-228.....	1293	P 177-190.....	1426	R 187.....	948
J 76.....	381	L 229.....	1277	P 205-211.....	1412	R 188-191.....	950
J 85-91.....	1177	L 230-235.....	1293	P 227.....	1518	R 191-218.....	977
J 92-103.....	350	L 236-253.....	1279	P 228.....	1433	R 218-223.....	974
J 110-136.....	369	L 254-261.....	1276	P 229-230.....	1431	R 224-231.....	973
J 164-267.....	369	L 262-293.....	1289	P 233-234.....	1244	R 232-243.....	971
J 268-279.....	368	L 294-304.....	1285	P 235.....	1429		
		L 305-310.....	1281	P 236a.....	1429		
		L 312-318.....	1294	P 239-241.....	1430		
		L 321-337.....	1284	P 242-243.....	1436		
		L 338-358.....	1291	P 248-249.....	1440		
		L 362-365.....	1292	P 251.....	1440		
				P 260-261.....	1437		
				P 265-269.....	1446		
				P 280.....	1455		
K		M		Q		S	
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K 16.....	1185	M 38-53.....	1298	Q 36-42.....	1062	S 78-82.....	1011
K 17-81.....	1162	M 54-67.....	1301	Q 50.....	1062	S 86-107.....	1011
K 82-113.....	1171	M 68-71.....	1297	Q 51-54.....	1068	S 133-148.....	1016
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K 344-353.....	1196	M 203-204.....	1335	Q 284-312.....	1109		
K 358-360.....	1203	M 205-211.....	1339	Q 301-305.....	1110		
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K 486-495.....	1207	M 256-257.....	1349	Q 367-377.....	1109		
K 496-499.....	1220	M 258-262.....	1350	Q 378.....	1113		
K 502-505.....	1224	M 266-267.....	1347	Q 385-387.....	1112		
K 506-563.....	1221	M 268-269.....	1340	Q 388-397.....	1110		
K 559-560.....	1432	M 271-286.....	1310	Q 398-399.....	1111		
K 561-563.....	1233			Q 414-416.....	1154		
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K 611.....	1253			Q 487-502.....	1150		
K 614.....	1253			Q 507-517.....	1145		
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K 621.....	1253			Q 530-541.....	1137		
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L 32-43.....	1260	N 78-100.....	1357	R 31-45.....	954	W 19.....	670
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L 72-86.....	1261	N 140-155.....	1361				
L 87-97.....	1262	N 156-163.....	1366				
L 98-112.....	1266	N 170.....	1368				
L 113-121.....	1267	N 188-191.....	1387				
L 122-137.....	1266	N 200-223.....	1371				
L 138-150.....	1268	N 238-245.....	1377				
L 151-165.....	1270	N 247-248.....	1389				
L 166.....	1271	N 249-258.....	1390				
L 168.....	1271	N 266-267.....	864				
L 169-170.....	1274	N 273.....	863				
L 172-174.....	1272	N 276.....	863				
L 175.....	1275	N 291-297.....	1401				
		N 300.....	860				
		N 302-307.....	1396				

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[See headnote, p. 914]

<i>Historical Statistics series</i>	1981 Abstract table number	<i>Historical Statistics series</i>	1981 Abstract table number	<i>Historical Statistics series</i>	1981 Abstract table number	<i>Historical Statistics series</i>	1981 Abstract table number
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W 22-25	671	X 474-491	876	X 918	893	Y 339-342	416
W 30-54	670	X 492-498	878	X 923	893	Y 343-351	420
W 62-65	670	X 499-500	879	X 928	893	Y 358-373	434
W 67-81	1211	X 505-506	879	X 933	893	Y 381-392	449
W 82-85	975	X 517-530	877	X 940	893	Y 393-411	437
W 96-108	945	X 536-539	883	X 957-962	891	Y 412-439	442
W 109-125	1031	X 551-560	865			Y 458-460	582
W 126	1032	X 588-609	847	Y		Y 461	450
W 142	1034	X 687-688	854			Y 466-487	422
W 144-160	1035	X 716-724	843			Y 493-494	450
W 167	1044	X 717-721	848	Y 79-83	798	Y 497	451
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		X 756	846	Y 189-198	812	Y 638-651	477
		X 761	848	Y 199-203	813	Y 652-848	472
		X 796-805	840	Y 204-210	811	Y 856-903	506
		X 821-833	854	Y 211-214	809	Y 904-916	599
		X 834-844	856	Y 220-271	807	Y 943-956	619
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		X 879-889	885	Y 308-317	459	Y 971-983	625
		X 890-907	884	Y 318-331	461	Y 998-999	626
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APPENDIX II

Metropolitan Area Concepts and Components

Statistics for metropolitan areas shown in the *Statistical Abstract* represent areas designated by the U.S. Office of Management and Budget (OMB) as standard metropolitan statistical areas (SMSA's). Definitions of the SMSA's in terms of their geographic components are presented in Office of Management and Budget (OMB), *Standard Metropolitan Statistical Areas*, 1975, Revised Edition. OMB issues amendments to update this publication when changes in SMSA definitions are made.

The list of areas, their components, and population totals, which follows (see p. 920), is based on the SMSA definitions in effect on June 30, 1981. On that date, there were 323 SMSA's (including 5 in Puerto Rico). The figures in tables A, B, and C below (see p. 918), exclude the 5 areas in Puerto Rico.

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. Standard definitions of metropolitan statistical areas were first issued by the then Bureau of the Budget (predecessor of OMB) in 1949, under the designation "Standard Metropolitan Areas"; the present designation was adopted in 1959. From 1977 to 1981, the SMSA's were the responsibility of the Office of Federal Statistical Policy and Standards, Department of Commerce.

The criteria for the establishment and definition of SMSA's were modified in 1958, 1971, and 1975. The current standards were adopted in January 1980; they provide that each SMSA must include at least:

(a) One city with 50,000 or more inhabitants, or
(b) A Census Bureau-defined urbanized area of at least 50,000 inhabitants and a total SMSA population of at least 100,000 (75,000 in New England).

The standards provide that the SMSA include as "central county(ies)" the county in which the central city is located, and adjacent counties, if any, with at least 50 percent of their population in the urbanized area. Additional "outlying counties" are included if they meet specified requirements of commuting to the central counties and of metropolitan character (such as population density and percent urban). In New England the SMSA's are defined in terms of cities and towns rather than counties.

The standards adopted in 1980 were used to define a group of 36 new SMSA's in June 1981. The boundaries of these and the 287 other SMSA's that existed on January 1, 1980 will be reviewed under the new standards after 1980 commuting data become available, beginning in 1982.

Revised 1980 standards for determining central cities and titles will be implemented as part of the 1982 review. Meanwhile, following the pre-1980 criteria, the largest city in each SMSA is designated a "central city"; in addition there may be up to two additional central cities if specified requirements are met. With two exceptions the title of each SMSA consists of the name(s) of its central city(ies) and the name of each State into which the SMSA extends (the Nassau-Suffolk, NY SMSA has no central cities; the central cities of the Northeast, Pa SMSA are Scranton, Wilkes-Barre, and Hazleton). An SMSA may include other cities of 50,000 or more besides its central cities.

In 1980 the first edition of the *State and Metropolitan Area Data Book* was released. This publication presents a variety of statistical information for SMSA's and their component counties. A second edition, based on the 1980 criteria for SMSA's, is scheduled for release in 1982.

New England SMSA's and NECMA's. Because SMSA's in New England are defined in terms of cities and towns, rather than counties, some statistical data that are available only for counties cannot be compiled for individual New England SMSA's. Therefore, for New England areas, data are shown for both New England County Metropolitan Areas (NECMA's) and SMSA's wherever possible. The NECMA's provide a county version of the New England areas defined following criteria identical to those used to define SMSA's in the other States. NECMA's do not replace New England SMSA's as the standard areas.

Standard Consolidated Statistical Areas.—Standard consolidated statistical areas (SCSA's), defined under criteria adopted by OMB in August 1975, and revised in January 1980, include two or more contiguous SMSA's which meet certain criteria of size, urban character, integration, and contiguity of urbanized areas.

Effect of changes in SMSA definition.—Changes in the definitions of SMSA's since 1949 have consisted chiefly of (1) the recognition of new areas as, for example, cities reached 50,000 population; and (2) the addition of counties (or towns in New England) to existing SMSA's as new census data showed them to qualify. Also, several formerly separate SMSA's have been merged, and occasionally territory has been transferred from one SMSA to another or (in rare instances) from an SMSA to nonmetropolitan territory. Comparisons of SMSA figures over time may be affected in cases where the SMSA definitions were changed. To maintain comparability, data for an earlier period have been revised in this volume where possible, to reflect the SMSA boundaries of the more recent period. However, this could not always be done; for data based on a sample survey, in particular, it is usually not possible to revise the data to reflect changes in SMSA definitions that occurred after the survey was made.

In the three tables that follow, data are given for SMSA's as defined for specified dates, thereby indicating the extent of change in population and land area resulting from revisions in definitions.

TABLE A. NUMBER, POPULATION, AND LAND AREA OF SMSA'S AS DEFINED AT SPECIFIED DATES:
1940 TO 1980

[The differences in population shown here for each year in the successive columns of the table result entirely from net expansion of metropolitan territory through changes in the SMSA definitions. The differences in population shown for each SMSA definition (on the successive lines of the table) result entirely from population changes within that territory, unaffected by changes in SMSA definitions. The changes in 1970 land area result entirely from net expansion of SMSA territory. All data include Alaska and Hawaii and exclude Puerto Rico. Subtraction of any line of the table from the line below will show the net effect of change in population and land area undergone by the SMSA's as the result of changes in definitions between the specified dates. Such changes typically occurred throughout the period, not on any single date, and may have included subtractions from, as well as additions to, SMSA territory. Census population data for 1970 include corrections made since publication. The area data for the 1950 and 1960 census definitions of SMSA's differ from the data published in those censuses because they are based on a remeasurement of land areas made during the 1960's, and also reflect changes in inland water area occurring up to 1970]

SMSA DEFINITION AS OF—	Number of SMSA's	POPULATION					Land area, 1970 (sq. mi.)
		1940, Apr. 1	1950, Apr. 1	1960, Apr. 1	1970, Apr. 1	1980, Apr. 1	
1950 census (Mar. 1952)...	169	169,534,737	* 84,853,700	106,344,548	122,184,836	128,839,422	207,455
1960 census (Nov. 1960)...	212	* 72,844,551	89,316,903	* 112,885,139	130,982,661	140,793,427	309,659
1964 (Aug. 31) ¹	217	74,869,415	91,844,188	115,876,343	134,700,913	145,503,863	349,557
1968 (Jan. 31) ²	230	76,408,154	93,629,986	118,413,904	137,976,254	149,811,057	378,322
1970 census (Feb. 28, 1971).....	243	77,154,871	94,579,008	119,593,498	* 139,479,808	151,662,221	* 387,598
1974 (Apr. 30) ¹⁰	265	¹¹ 82,037,746	¹² 100,218,707	¹³ 126,613,710	148,196,993	162,753,335	491,095
1977 (Dec. 31) ¹⁴	277	82,804,912	101,109,145	127,874,818	149,482,664	164,383,496	510,445
1980 census (June 30, 1981).....	318	85,398,406	104,172,853	131,318,714	153,693,767	¹⁵ 169,430,623	566,095

¹ Corresponds to total 1940 population for 1950 SMSA's published in 1950 census (69,279,675), with addition of Honolulu SMSA, and corrected by subtracting population (3,194) of Colonial Heights town erroneously included in Richmond SMSA.

² Corresponds to total SMSA population for 1950 published in 1950 census (84,500,680) plus Honolulu SMSA.

³ Corresponds to total 1940 population for 1960 SMSA's published in 1960 census (72,834,468), corrected by adding population (13,277) erroneously omitted from Stamford SMSA (remainder of Stamford town), and subtracting population (3,194) of Colonial Heights town erroneously included in Richmond SMSA.

⁴ Corresponds to total SMSA population for 1960 published in 1960 census (112,885,178), corrected by subtracting population (39) erroneously included in Franklin County, Ohio (Columbus SMSA).

⁵ SMSA's as defined for the 1963 economic censuses. ⁶ SMSA's as defined for the 1967 economic censuses.

⁷ Corresponds to total 1960 population for 1970 SMSA's published in 1970 census (119,594,754), corrected by subtracting 1,256 population from Lawrence-Haverhill SMSA; this represented an addition to the 1960 population of Andover town made subsequent to the original census tabulations, and therefore not reflected in State or national totals.

⁸ Corresponds to total SMSA population for 1970 published in 1970 census (139,418,811), plus net corrections made subsequent to publication.

⁹ Corresponds to total SMSA land area published in 1970 census (387,616 square miles), corrected by subtracting 15 square miles erroneously included in Roanoke SMSA and 3 square miles included due to erroneous addition of area data.

¹⁰ SMSA's as defined for the 1972 economic censuses. ¹¹ Includes estimated 1939 population (4,429) of Anchorage Census Division, as defined in 1970. ¹² Includes estimated 1950 population (32,060) of Anchorage Census Division, as defined in 1970.

¹³ Includes 1960 population (82,833) of Anchorage Census Division, as defined in 1970. ¹⁴ SMSA's as defined for the 1977 economic censuses. ¹⁵ Reflects revisions made after release of supplementary report.

Source: U.S. Bureau of the Census, 1940-1970, *U.S. Census of Population*, vol. 1; 1980 *Census of Population and Housing, Advance Reports*, series PHC 80-V and 1980 *Census of Population, Supplementary Reports*, series PC 80-SI-5.

TABLE B. NONMETROPOLITAN POPULATION AND LAND AREA AT SPECIFIED DATES: 1940 TO 1980

[See headnote for table A, p. 918. Nonmetropolitan population and land area are equivalent to that portion of the total national population and land area not included within SMSA's at the dates specified]

NONMETROPOLITAN POPULATION AS OF—	POPULATION					Land area, 1970 (sq. mi.)
	1940, Apr. 1	1950, Apr. 1	1960, Apr. 1	1970, Apr. 1	1980, Apr. 1	
1950 census (Mar. 1952).....	62,629,832	66,472,098	72,978,627	81,117,195	97,706,383	3,329,400
1960 census (Nov. 1960).....	59,320,018	62,008,895	66,438,036	72,319,370	85,752,378	3,227,196
1964 (Aug. 31).....	57,295,154	59,681,610	63,446,832	68,601,118	81,041,942	3,187,298
1968 (Jan. 31).....	55,758,415	57,695,812	60,909,571	65,325,777	76,734,748	3,158,533
1970 census (Feb. 28, 1971).....	55,009,698	56,746,790	59,729,677	63,822,223	74,883,584	3,149,257
1974 (Apr. 30).....	50,126,823	51,016,091	52,709,465	55,103,038	63,792,470	3,045,760
1977 (Dec. 31).....	49,359,657	50,216,653	51,648,357	53,819,367	62,162,309	3,028,410
1980 census (June 30, 1981).....	46,766,163	47,152,845	48,004,461	49,608,264	¹ 57,115,182	2,970,760

¹ Reflects revisions made after release of supplementary report.

Source: U.S. Bureau of the Census, 1940-1970, *U.S. Census of Population*, vol. 1; 1980 *Census of Population and Housing, Advance Reports*, series PHC 80-V and 1980 *Census of Population, Supplementary Reports*, series PC 80-SI-5.

TABLE C. PERCENT OF TOTAL U.S. POPULATION AND PERCENT OF LAND AREA INSIDE SMSA'S AS DEFINED AT SPECIFIED DATES: 1940 TO 1980

[See headnote for table A, p. 918]

PERCENT AS OF—	PERCENT OF POPULATION					Land area, 1970
	1940, Apr. 1	1950, Apr. 1	1960, Apr. 1	1970, Apr. 1	1980, Apr. 1	
1950 census (Mar. 1952).....	52.6	56.1	59.3	60.1	56.9	5.9
1960 census (Nov. 1960).....	55.1	59.0	63.0	64.4	62.2	8.8
1964 (Aug. 31).....	56.6	60.6	64.6	66.3	64.2	9.9
1968 (Jan. 31).....	57.8	61.9	66.0	67.9	66.1	10.7
1970 census (Feb. 28, 1971).....	58.4	62.5	66.7	68.6	67.0	11.0
1974 (Apr. 30).....	62.1	66.2	70.6	72.9	71.8	13.9
1977 (Dec. 31).....	62.7	66.8	71.2	73.5	72.6	14.4
1980 census (June 30, 1981).....	64.6	68.8	73.2	75.6	¹ 74.8	16.0

¹ Reflects revisions made after release of supplementary report.

Source: U.S. Bureau of the Census, 1940-1970, *U.S. Census of Population*, vol. 1; 1980 *Census of Population and Housing, Advance Reports*, series PHC 80-V and 1980 *Census of Population, Supplementary Reports*, series PC 80-SI-5.

APPENDIX II

Standard Metropolitan Statistical Areas as of June 30, 1981

	1980 Popu- lation ¹ (1,000)		1980 Popu- lation ¹ (1,000)		1980 Popu- lation ¹ (1,000)
Abilene, Tex	139	Atlanta, Ga	2,030	Birmingham, Ala	847
Callahan County.....	11	Butts County.....	14	Jefferson County.....	671
Jones County.....	17	Cherokee County.....	52	St. Clair County.....	41
Taylor County.....	111	Clayton County.....	150	Shelby County.....	66
Akron, Ohio	660	Cobb County.....	288	Walker County.....	69
Portage County.....	136	De Kalb County.....	483		
Summit County.....	524	Douglas County.....	55	Bismarck, N.D	80
Albany, Ga	113	Fayette County.....	29	Burleigh County.....	55
Dougherty County.....	101	Forsyth County.....	28	Morton County.....	25
Lee County.....	12	Fulton County.....	580		
Albany-Schenectady-Troy, N.Y.	795	Gwinnett County.....	167	Bloomington, Ind	98
Albany County.....	286	Henry County.....	36	Monroe County.....	98
Montgomery County.....	53	Newton County.....	34		
Rensselaer County.....	152	Paulding County.....	26	Bloomington-Normal, Ill	119
Saratoga County.....	154	Rockdale County.....	37	McLean County.....	119
Schenectady County.....	150	Wallon County.....	31		
Albuquerque, N. Mex	454	Atlantic City, N.J	194	Boise City, Idaho	173
Bernalillo County.....	420	Atlantic County.....	194	Ada County.....	173
Sandoval County.....	35				
Alexandria, La	152	Augusta, Ga.-S.C	327	Boston, Mass	2,763
Grant Parish.....	17	Columbia County, Ga.....	40	Essex County (pt.).....	330
Rapides Parish.....	135	Richmond County, Ga.....	182	Middlesex County (pt.).....	1,028
Allentown-Bethlehem- Easton, Pa.-N.J.	637	Aiken County, S.C.....	106	Norfolk County (pt.).....	596
Carbon County Pa.....	53			Plymouth County (pt.).....	159
Lehigh County, Pa.....	274	Austin, Tex	536	Suffolk County.....	650
Northampton County, Pa.....	225	Hays County.....	41		
Warren County, N.J.....	84	Travis County.....	419	Bradenton, Fla	148
Altoona, Pa	137	Williamson County.....	77	Manatee County.....	148
Blair County.....	137				
Amarillo, Tex	174	Bakersfield, Calif	403	Bremerton, Wash	147
Potter County.....	99	Kern County.....	403	Kitsap County.....	147
Randall County.....	75				
Anaheim-Santa Ana-Garden Grove, Calif	1,932	Baltimore, Md	2,174	Bridgeport, Conn	395
Orange County.....	1,932	Baltimore city.....	787	Fairfield County (pt.).....	332
Anchorage, Alaska	173	Anne Arundel County.....	371	New Haven County (pt.).....	63
Anchorage Borough.....	173	Baltimore County.....	656		
Anderson, Ind	139	Carroll County.....	96	Bristol, Conn	74
Madison County.....	139	Harford County.....	146	Harford County (pt.).....	63
Anderson, S.C	133	Howard County.....	119	Litchfield County (pt.).....	11
Anderson County.....	133				
Ann Arbor, Mich	265	Bangor, Maine	84	Brockton, Mass	169
Washtenaw County.....	265	Penobscot County (pt.).....	81	Bristol County (pt.).....	17
Annniston, Ala	117	Waldo County (pt.).....	3	Norfolk County (pt.).....	5
Calhoun County.....	117			Plymouth County (pt.).....	148
Appleton-Oshkosh, Wis	291	Baton Rouge, La	494	Brownsville-Harlingen-San Benito, Tex	210
Calumet County.....	31	Ascension Parish.....	50	Cameron County.....	210
Outagamie County.....	129	East Baton Rouge Parish.....	368		
Winnnebago County.....	132	Livingston Parish.....	59	Bryan-College Station, Tex	94
Asheville, N.C.	178	West Baton Rouge Parish.....	19	Brazos County.....	94
Buncombe County.....	161	Battle Creek, Mich	187		
Madison County.....	17	Barry County.....	46	Buffalo, N.Y.	1,243
Athens, Ga	130	Calhoun County.....	142	Erie County.....	1,015
Clarke County.....	74	Bay City, Mich	120	Niagara County.....	227
Jackson County.....	25	Bay County.....	120		
Madison County.....	18	Beaumont-Port Arthur- Orange, Tex	375	Burlington, N.C	99
Oconee County.....	12	Hardin County.....	41	Alamance County.....	99
		Jefferson County.....	251		
		Orange County.....	84	Burlington, Vt	114
				Chittenden County (pt.).....	110
		Bellingham, Wash	107	Franklin County (pt.).....	3
		Whatcom County.....	107	Grand Isle County (pt.).....	1
		Benton Harbor, Mich	171	Canton, Ohio	404
		Berrien County.....	171	Carroll County.....	26
				Stark County.....	379
		Billings, Mont	108		
		Yellowstone County.....	108	Casper, Wyo	72
				Natrona County.....	72
		Biloxi-Gulfport, Miss	192		
		Hancock County.....	25	Cedar Rapids, Iowa	170
		Harrison County.....	158	Linn County.....	170
		Stone County.....	10		
		Binghamton, N.Y.-Pa	301	Champaign-Urbana-Rantoul, Ill	168
		Broome County, N.Y.....	214	Champaign County.....	168
		Tioga County, N.Y.....	50		
		Susquehanna County, Pa.....	38		

¹ As of April 1, 1980. Source: U.S. Bureau of the Census, 1980 Census of Population, Supplementary Reports, PC80-S1-5.

	1980 Popu- lation ¹ (1,000)		1980 Popu- lation ¹ (1,000)		1980 Popu- lation ¹ (1,000)
Charleston-North Charles- ton, S.C.	430	Cumberland, Md.-W. Va.	108	Enid, Okla.	63
Berkeley County.....	95	Allegany County, Md.....	81	Garfield County.....	63
Charleston County.....	277	Mineral County, W. Va.....	27		
Dorchester County.....	58			Erie, Pa.	280
Charleston, W.Va.	270	Dallas-Forth Worth, Tex.	2,975	Erie County.....	280
Kanawha County.....	231	Collin County.....	144	Eugene-Springfield, Oreg.	275
Putnam County.....	38	Dallas County.....	1,557	Lane County.....	275
		Denton County.....	143		
Charlotte-Gastonia, N.C.	637	Ellis County.....	60	Evansville, Ind.-Ky.	309
Gaston County.....	163	Hood County.....	18	Gibson County, Ind.....	33
Mecklenburg County.....	404	Johnson County.....	68	Posey County, Ind.....	26
Union County.....	70	Kaufman County.....	39	Vanderburgh County, Ind.....	168
		Parker County.....	45	Warrick County, Ind.....	41
Charlottesville, Va.	114	Rockwall County.....	15	Henderson County, Ky.....	41
Albemarle County.....	56	Tarrant County.....	861		
Fivanna County.....	10	Wise County.....	27	Fall River, Mass.-R.I.	177
Greene County.....	8			Bristol County, Mass. (pt.)....	146
Charlottesville city.....	40	Danbury, Conn.	146	Newport County, R.I. (pt.)....	31
		Fairfield County (pt.).....	127		
Chattanooga, Tenn.-Ga.	427	Litchfield County (pt.).....	19	Fargo-Moorhead, N. Dak.- Minn.	138
Marion County, Tenn.....	288			Cass County, N. Dak.....	88
Sequatchie County, Tenn.....	9	Danville, Va.	112	Clay County, Minn.....	49
Caloosa County, Ga.....	37	Pittsylvania County.....	66		
Dade County, Ga.....	12	Danville city.....	46	Fayetteville, N.C.	247
Walker County, Ga.....	56			Cumberland County.....	247
		Davenport-Rock Island- Moline, Iowa-Ill.	384		
Chicago, Ill.	7,102	Scott County, Iowa.....	180	Fayetteville-Springdale, Ark.	178
Cook County.....	5,253	Henry County, Ill.....	58	Benton County.....	78
Du Page County.....	658	Rock Island County, Ill.....	166	Washington County.....	100
Kane County.....	278				
Lake County.....	440	Dayton, Ohio	830	Fitchburg-Leominster, Mass.	100
McHenry County.....	148	Greene County.....	130	Middlesex County (pt.).....	12
Will County.....	324	Miami County.....	90	Worcester County (pt.).....	88
		Montgomery County.....	572		
Chico, Calif.	144	Pebble County.....	38	Flint, Mich.	522
Butte County.....	144			Genesee County.....	450
		Daytona Beach, Fla.	259	Shiawassee County.....	71
Cincinnati, Ohio-Ky.-Ind.	1,401	Volusia County.....	259		
Clermont County, Ohio.....	128			Florence, Ala.	135
Hamilton County, Ohio.....	873	Decatur, Ill.	131	Colbert County.....	55
Warren County, Ohio.....	99	Macon County.....	131	Lauderdale County.....	81
Boone County, Ky.....	46				
Campbell County, Ky.....	83	Denver-Boulder, Colo.	1,620	Florence, S.C.	110
Kenton County, Ky.....	137	Adams County.....	246	Florence County.....	110
Dearborn County, Ind.....	34	Arapahoe County.....	294		
		Boulder County.....	190	Fort Collins, Colo.	149
Clarksville-Hopkinsville, Tenn.-Ky.	150	Denver County.....	491	Larimer County.....	149
Montgomery County, Tenn.....	83	Douglas County.....	25		
Christian County, Ky.....	67	Gilpin County.....	2	Fort Lauderdale-Hollywood, Fla.	1,014
		Jefferson County.....	372	Broward County.....	1,014
Cleveland, Ohio	1,899				
Cuyahoga County.....	1,498	Des Moines, Iowa	338	Fort Meyers-Cape Coral, Fla.	205
Geauga County.....	74	Polk County.....	303	Lee County.....	205
Lake County.....	213	Warren County.....	35		
Medina County.....	113			Fort Smith, Ark.-Okla.	203
Colorado Springs, Colo.	317	Detroit, Mich.	4,353	Crawford County, Ark.....	37
El Paso County.....	309	Lapeer County.....	70	Sebastian County, Ark.....	95
Teller County.....	8	Livingston County.....	100	Le Flore County, Okla.....	41
		Macomb County.....	895	Sequoyah County, Okla.....	31
Columbia, Mo.	100	Oakland County.....	1,012		
Boone County.....	100	St. Clair County.....	139	Fort Walton Beach, Fla.	110
		Wayne County.....	2,337	Okaloosa County.....	110
Columbia, S.C.	408				
Lexington County.....	140	Dubuque, Iowa	94	Fort Wayne, Ind.	383
Richland County.....	268	Dubuque County.....	94	Adams County.....	30
				Allen County.....	294
Columbus, Ga.-Ala.	239	Duluth-Superior, Minn.-Wis.	267	De Kaib County.....	34
Chattahoochee County, Ga.....	22	St. Louis County, Minn.....	222	Wells County.....	25
Muscogee County, Ga.....	170	Douglas County, Wis.....	44		
Russell County, Ala.....	47			Fort Worth, Tex.	
		Durham, N.C.		(See Dallas-Fort Worth SMSA.)	
Columbus, Ohio	1,093	(See Raleigh-Durham SMSA.)		Fresno, Calif.	515
Delaware County.....	54			Fresno County.....	515
Fairfield County.....	94	Eau Claire, Wis.	131		
Franklin County.....	889	Chippewa County.....	52	Gadsden, Ala.	103
Madison County.....	33	Eau Claire County.....	79	Etowah County.....	103
Pickaway County.....	44				
Corpus Christi, Tex.	326	El Paso, Tex.	480	Gainesville, Fla.	151
Nueces County.....	268	El Paso County.....	480	Alachua County.....	151
San Patricio County.....	58			Galveston-Texas City, Tex.	196
		Elkhart, Ind.	137	Galveston County.....	196
		Elkhart County.....	137		
		Elmira, N.Y.	98		
		Chemung County.....	98		

¹ As of April 1, 1980. Source: U.S. Bureau of the Census, 1980 Census of Population, Supplementary Reports, PC 80-SI-5.

	1980 Popu- lation ¹ (1,000)		1980 Popu- lation ¹ (1,000)		1980 Popu- lation ¹ (1,000)
Gary-Hammond-East Chicago, Ind.	643	Huntsville, Ala.	309	Kokomo, Ind.	104
Lake County.....	523	Limestone County.....	46	Howard County.....	87
Porter County.....	120	Madison County.....	197	Tipton County.....	17
		Marshall County.....	86		
Gastonia, N.C. (See Charlotte-Gastonia SMSA.)		Indianapolis, Ind.	1,167	La Crosse, Wis.	91
		Boone County.....	36	La Crosse County.....	91
Glens Falls, N.Y.	110	Hamilton County.....	82	Lafayette, La.	150
Warren County.....	55	Hancock County.....	44	Lafayette Parish.....	150
Washington County.....	55	Hendricks County.....	70		
		Johnson County.....	77	Lafayette-West Lafayette, Ind.	122
Grand Forks, N. Dak.-Minn.	101	Marion County.....	785	Tippecanoe County.....	122
Grand Forks County, N. Dak.	66	Morgan County.....	52		
Polk County, Minn.....	35	Shelby County.....	40	Lake Charles, La.	167
		Iowa City, Iowa	82	Calcasieu Parish.....	167
Grand Rapids, Mich.	602	Johnson County.....	82	Lakeland-Winter Haven, Fla. ...	322
Kent County.....	445	Jackson, Mich.	151	Polk County.....	322
Ottawa County.....	157	Jackson County.....	151		
		Jackson, Miss.	320	Lancaster, Pa.	362
Great Falls, Mont.	81	Hinds County.....	251	Lancaster County.....	362
Cascade County.....	81	Rankin County.....	69		
		Jacksonville, Fla.	738	Lansing-East Lansing, Mich. ...	468
Greeley, Colo.	123	Baker County.....	15	Clinton County.....	56
Weld County.....	123	Clay County.....	67	Eaton County.....	88
		Duval County.....	571	Ingham County.....	272
Green Bay, Wis.	175	Nassau County.....	33	Ionia County.....	52
Brown County.....	175	St. Johns County.....	51		
		Jacksonville, N.C.	113	Laredo, Tex.	99
Greensboro-Winston-Salem-High Point, N.C. ...	827	Onslow County.....	113	Webb County.....	99
Davidson County.....	113			La Cruces, N.M.	96
Forsyth County.....	244	Janesville-Beloit, Wis.	139	Dona Ana County.....	96
Gulford County.....	317	Rock County.....	139		
Randolph County.....	92	Jersey City, N.J.	557	Las Vegas, Nev.	462
Stokes County.....	33	Hudson County.....	557	Clark County.....	462
Yadkin County.....	28			Lawrence, Kans.	68
		Johnson City-Kingsport- Bristol, Tenn.-Va.	434	Douglas County.....	68
Greenville-Spartanburg, S.C. ...	569	Carter County, Tenn.....	50		
Greenville County.....	288	Hawkins County, Tenn.....	44	Lawrence-Haverhill, Mass.- N.H.	282
Pickens County.....	79	Sullivan County, Tenn.....	144	Essex County, Mass. (pt.)...	231
Spartanburg County.....	202	Union County, Tenn.....	16	Rockingham County, N.H. (pt.).....	51
		Washington County, Tenn.....	89		
Hagerstown, Md.	113	Bristol City, Va.....	19	Lawton, Okla.	112
Washington County.....	113	Scott County, Va.....	25	Comanche County.....	112
		Washington County, Va.....	46		
Hamilton-Middletown, Ohio ...	259	Johnstown, Pa.	265	Lewiston-Auburn, Maine	72
Butler County.....	259	Cambria County.....	183	Androscoggin County (pt.)...	72
		Somerset County.....	81		
Harrisburg, Pa.	446	Joplin, Mo.	128	Lexington-Fayette, Ky.	318
Cumberland County.....	178	Jasper County.....	87	Bourbon County.....	19
Dauphin County.....	232	Newton County.....	41	Clark County.....	28
Perry County.....	36			Fayette County.....	204
		Kalamazoo-Portage, Mich.	279	Jessamine County.....	27
Hartford, Conn.	726	Kalamazoo County.....	212	Scott County.....	22
Hartford County (pt.).....	601	Van Buren County.....	67	Woodford County.....	18
Litchfield County (pt.).....	5				
Middlesex County (pt.).....	27	Kankakee, Ill.	103	Lima, Ohio	218
New London County (pt.).....	8	Kankakee County.....	103	Allen County.....	112
Tolland County (pt.).....	85			Auglaize County.....	43
		Kansas City, Mo.-Kans.	1,327	Putnam County.....	33
Hickory, N.C.	130	Cass County, Mo.....	51	Van Wert County.....	30
Alexander County.....	25	Clay County, Mo.....	136		
Catawba County.....	105	Jackson County, Mo.....	629	Lincoln, Nebr.	193
		Platte County, Mo.....	46	Lancaster County.....	193
Honolulu, Hawaii	763	Ray County, Mo.....	21		
Honolulu County.....	763	Johnson County, Kans.....	270	Little Rock-North Little Rock, Ark.	393
		Wyandotte County, Kans.....	172	Pulaski County.....	341
Houston, Tex.	2,905	Kenosha, Wis.	123	Saline County.....	53
Brazoria County.....	170	Kenosha County.....	123		
Fort Bend County.....	131	Killeen-Temple, Tex.	215	Long Branch-Asbury Park, N.J.	503
Harris County.....	2,410	Bell County.....	158	Monmouth County.....	503
Liberty County.....	47	Coryell County.....	57		
Montgomery County.....	128	Knoxville, Tenn.	477	Longview-Marshall, Tex.	152
Waller County.....	20	Anderson County.....	67	Gregg County.....	89
		Blount County.....	78	Harrison County.....	52
Huntington-Ashland, W.Va.- Ky.-Ohio	311	Knox County.....	320		
Cabell County, W.Va.....	107	Union County.....	12	Lorain-Elyria, Ohio	275
Wayne County, W.Va.....	46			Lorain County.....	275
Boyd County, Ky.....	55				
Greenup County, Ky.....	39				
Lawrence County, Ohio.....	64				

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	1980 Popu- lation ¹ (1,000)		1980 Popu- lation ¹ (1,000)		1980 Popu- lation ¹ (1,000)
Los Angeles-Long Beach, Calif.	7,478	Mobile, Ala.	443	Newark, N.J.	1,965
Los Angeles County.....	7,478	Baldwin County.....	78	Essex County.....	850
Louisville, Ky.-Ind.	906	Mobile County.....	364	Morris County.....	408
Bullitt County, Ky.....	43	Modesto, Calif.	266	Somerset County.....	203
Jefferson County, Ky.....	685	Stanislaus County.....	266	Union County.....	504
Oldham County, Ky.....	28	Monroe, La.	139	Newark, Ohio	121
Clark County, Ind.....	89	Ouachita Parish.....	139	Licking County.....	121
Floyd County, Ind.....	61	Montgomery, Ala.	273	Newburgh-Middletown, N.Y. ...	260
Lowell, Mass.-N.H.	233	Autauga County.....	32	Orange County.....	260
Jefferson County, Mass.....	225	Elmore County.....	43	Newport News-Hampton, Va. ...	364
Hillsborough County, N.H.....	8	Montgomery County.....	197	Hampton city.....	123
Lubbock, Tex.	212	Muncie, Ind.	129	Newport News city.....	145
Lubbock County.....	212	Delaware County.....	129	Poquoson city ²	8
Lynchburg, Va.	153	Muskegon-Norton Shores-		Williamsburg city.....	10
Lynchburg city.....	67	Muskegon Heights,		Gloucester County.....	20
Amherst County.....	29	Mich.	180	James City County.....	23
Appomattox County.....	12	Muskegon County.....	158	York County ²	35
Campbell County.....	45	Ocean County.....	22	Norfolk-Virginia Beach-	
Macon, Ga.	255	Nashua, N.H.	114	Portsmouth, Va.-N.C.	807
Bibb County.....	151	Hillsborough County (pt.).....	114	Chesapeake city, Va.....	114
Houston County.....	78	Nashville-Davidson, Tenn.	851	Norfolk city, Va.....	267
Jones County.....	17	Cheatham County.....	22	Portsmouth city, Va.....	105
Twiggs County.....	9	Davidson County.....	478	Suffolk city, Va.....	48
Madison, Wis.	324	Dickson County.....	30	Virginia Beach city, Va.....	262
Dane County.....	324	Robertson County.....	37	Currituck County, N.C.....	11
Manchester, N.H.	161	Rutherford County.....	84	Northeast, Pennsylvania	640
Hillsborough County (pt.).....	112	Sumner County.....	86	Lackawanna County.....	228
Merrimack County (pt.).....	17	Williamson County.....	55	Luzerne County.....	343
Rockingham County (pt.).....	32	Wilson County.....	56	Monroe County.....	69
Mansfield, Ohio	131	Nassau-Suffolk, N.Y.	2,606	Norwalk, Conn.	127
Richland County.....	131	Nassau County.....	1,322	Fairfield County (pt.).....	127
McAllen-Pharr-Edinburg, Tex.	283	Suffolk County.....	1,284	Ocala, Fla.	122
Hidalgo County.....	283	New Bedford, Mass.	169	Marion County.....	122
Medford, Oreg.	132	Bristol County.....	154	Odessa, Tex.	115
Jackson County.....	132	Plymouth County.....	15	Ector County.....	115
Melbourne-Titusville-Cocoa, Fla.	273	New Britain, Conn.	142	Ogden, Utah	
Brevard County.....	273	Hartford County (pt.).....	142	(See Salt Lake City SMSA.)	
Memphis, Tenn.-Ark.-Miss.	913	New Brunswick-Perth Amboy-Sayreville, N.J. ...	596	Oklahoma City, Okla.	834
Shelby County, Tenn.....	777	Middlesex County.....	596	Canadian County.....	56
Tipton County, Tenn.....	33	New Haven-West Haven, Conn.	418	Cleveland County.....	133
Crittenden County, Ark.....	49	Middlesex County (pt.).....	11	McClain County.....	20
De Soto County, Miss.....	54	New Haven County (pt.).....	406	Oklahoma County.....	569
Meriden, Conn.	57	New London-Norwich, Conn.-R.I.	249	Pottawatomie County.....	55
New Haven County (pt.).....	57	Middlesex County, Conn.....	7	Olympia, Wash.	124
Miami, Fla.	1,626	New London County, Conn. (pt.).....	214	Thurston County.....	124
Dade County.....	1,626	Washington County, R.I. (pt.).....	25	Omaha, Nebr.-Iowa	570
Midland, Tex.	83	New Orleans, La.	1,187	Douglas County, Nebr.....	398
Midland County.....	83	Jefferson Parish.....	455	Sarpy County, Nebr.....	86
Milwaukee, Wis.	1,397	Orleans Parish.....	557	Pottawattamie County, Iowa.....	87
Milwaukee County.....	965	St. Bernard Parish.....	64	Orlando, Fla.	701
Ozaukee County.....	67	St. Tammany Parish.....	111	Orange County.....	472
Washington County.....	85	New York, N.Y.-N.J.	9,120	Osceola County.....	49
Waukesha County.....	280	New York City, N.Y.....	7,071	Seminole County.....	180
Minneapolis-St. Paul, Minn.- Wis.	2,114	Bronx County, N.Y.....	1,169	Owensboro, Ky.	86
Anoka County, Minn.....	196	Kings County, N.Y.....	2,231	Daviess County.....	86
Carver County, Minn.....	37	New York County, N.Y.....	1,428	Oxnard-Simi Valley-Ventura, Calif.	530
Chisago County, Minn.....	26	Queens County, N.Y.....	1,881	Ventura County.....	530
Dakota County, Minn.....	194	Richmond County, N.Y.....	352	Panama City, Fla.	98
Hennepin County, Minn.....	941	Putnam County, N.Y.....	77	Bay County.....	98
Ramsey County, Minn.....	480	Rockland County, N.Y.....	260	Parkersburg-Marietta, W.Va.-Ohio	163
Scott County, Minn.....	114	Westchester County, N.Y.....	867	Wirt County, W.Va.....	5
Washington County, Minn.....	114	Bergen County, N.J.....	845	Wood County, W.Va.....	94
Wright County, Minn.....	59			Washington County, Ohio.....	64
St. Croix County, Wis.....	44				

¹ As of April 1, 1980. Source: U.S. Bureau of the Census, 1980 Census of Population, Supplementary Reports, PC 80-SI-5.² Poquoson city became independent of York County in 1975.

	1980 Popu- lation ¹ (1,000)		1980 Popu- lation ¹ (1,000)		1980 Popu- lation ¹ (1,000)
Pascagoula-Moss Point,		Provo-Orem, Utah	218	St. Louis, Mo.-Ill.	2,355
Miss	118	Utah County	218	St. Louis city, Mo.	453
Jackson County	118			Franklin County, Mo.	71
Paterson-Clifton-Passaic,		Pueblo, Colo.	126	Jefferson County, Mo.	147
N.J.	448	Pueblo County	126	St. Charles County, Mo.	143
Passaic County	448			St. Louis County, Mo.	975
Pensacola, Fla.	290	Racine, Wis.	173	Clinton County, Ill.	33
Escambia County	234	Racine County	173	Madison County, Ill.	248
Santa Rosa County	56			Monroe County, Ill.	20
Peoria, Ill.	366	Raleigh-Durham, N.C.	531	St. Clair County, Ill.	265
Peoria County	200	Durham County	153		
Tazewell County	132	Orange County	77	Salem, Oreg.	250
Woodford County	33	Wake County	301	Marion County	205
Petersburg-Colonial		Reading, Pa.	313	Polk County	45
Heights-Hopewell, Va.	129	Berks County	313	Salinas-Seaside-Monterey,	
Colonial Heights city	17	Redding, Calif.	116	Calif.	290
Hopewell city	23	Shasta County	116	Monterey County	290
Petersburg city	41			Salisbury-Concord, N.C.	185
Drivewide County	23	Reno, Nev.	194	Cabarrus County	86
Prince George County	26	Washoe County	194	Rowan County	99
Philadelphia, Pa.-N.J.	4,717	Richland-Kennewick-Pasco,		Salt Lake City-Ogden, Utah	936
Bucks County, Pa.	479	Wash.	144	Davis County	147
Chester County, Pa.	317	Benton County	109	Salt Lake County	819
Delaware County, Pa.	555	Franklin County	35	Tooele County	28
Montgomery County, Pa.	644	Richmond, Va.	632	Weber County	145
Philadelphia County, Pa.	1,688	Richmond city	219	San Angelo, Tex.	85
Burlington County, N.J.	363	Charles City County	7	Tom Green County	85
Camden County, N.J.	472	Chesterfield County	141	San Antonio, Tex.	1,072
Gloucester County, N.J.	200	Goochland County	12	Bexar County	989
Phoenix, Ariz.	1,508	Hanover County	50	Comal County	36
Maricopa County	1,508	Henrico County	181	Guadalupe County	47
Pine Bluff, Ark.	91	Powhatan County	13	San Diego, Calif.	1,862
Jefferson County	91	Riverside-San Bernardino-		San Diego County	1,862
Pittsburgh, Pa.	2,264	Ontario, Calif.	1,557	San Francisco-Oakland,	
Allegheny County	1,450	Riverside County	664	Calif.	3,253
Beaver County	204	San Bernardino County	893	Alameda County	1,105
Washington County	217	Roanoke, Va.	225	Contra Costa County	857
Westmoreland County	392	Roanoke city	100	Marin County	223
Pittsfield, Mass.	91	Salem city	24	San Francisco County	679
Berkshire County (pt.)	91	Botetourt County	23	San Mateo County	588
Portland, Maine	184	Craig County	4	San Jose, Calif.	1,295
Cumberland County (pt.)	164	Roanoke County	73	Santa Clara County	1,295
York County (pt.)	19	Rochester, Minn.	92	Santa Barbara-Santa Maria-	
Portland, Oreg.-Wash.	1,242	Olmsted County	92	Lompoc, Calif.	299
Clackamas County Oreg.	242	Rochester, N.Y.	972	Santa Barbara County	299
Multnomah County, Oreg.	563	Livingston County	57	Santa Cruz, Calif.	188
Washington County, Oreg.	245	Monroe County	702	Santa Cruz County	188
Clark County, Wash.	192	Orleans County	38	Santa Rosa, Calif.	300
Portsmouth-Dover-		Wayne County	85	Sonoma County	300
Rochester, N.H.-Maine	164	Rockford, Ill.	280	Sarasota, Fla.	202
Rockingham County, N.H.	59	Boone County	29	Sarasota County	202
(pt.)	74	Winnebago County	251	Savannah, Ga.	231
Strafford County, N.H. (pt.)	59	Rock Hill, S.C.	107	Bryan County	10
York County, Maine (pt.)	31	York County	107	Chatham County	202
Poughkeepsie, N.Y.	245	Sacramento, Calif.	1,014	Effingham County	18
Dutchess County	245	Placer County	117	Scranton, Pa.	
Providence-Warwick-		Sacramento County	783	(See Northeast Pennsylv-	
Pawtucket, R.I.-Mass.	919	Yolo County	113	ania SMSA.)	
Bristol County, R.I. (pt.)	47	Saginaw, Mich.	228	Seattle-Everett, Wash.	1,607
Kent County, R.I. (pt.)	151	Saginaw County	228	King County	1,270
Newport County, R.I. (pt.)	4	St. Cloud, Minn.	163	Snohomish County	337
Providence County, R.I.	560	Benton County	25	Sharon, Pa.	128
(pt.)	54	Sherburne County	30	Mercer County	128
Washington County, R.I.	88	Stearns County	108	Sheboygan, Wis.	101
(pt.)	6	St. Joseph, Mo.	102	Sheboygan County	101
Bristol County, Mass. (pt.)	8	Andrew County	14	Sherman-Denison, Tex.	90
Norfolk County, Mass. (pt.)	8	Buchanan County	88	Grayson County	90
Worcester County, Mass. (pt.)	8				

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	1980 Popu- lation ¹ (1,000)		1980 Popu- lation ¹ (1,000)		1980 Popu- lation ¹ (1,000)
Shreveport, La.	377	Tampa-St. Petersburg, Fla.	1,569	Washington, D.C.-Md.-Va.	3,060
Bossier Parish.....	81	Hillsborough County.....	647	District of Columbia.....	638
Caddo Parish.....	252	Pasco County.....	194	Charles County, Md.....	73
Webster Parish.....	44	Pinellas County.....	728	Montgomery County, Md.....	579
				Prince George's County, Md.....	665
Sioux City, Iowa-Nebr.	117	Terre Haute, Ind.	177	Alexandria city, Va.....	103
Woodbury County, Iowa.....	101	Clay County.....	25	Fairfax city, Va.....	19
Dakota County, Nebr.....	17	Sullivan County.....	21	Falls Church city, Va.....	10
		Vermilion County.....	18	Manassas city, Va., ²	15
Sioux Falls, S. Dak.	109	Vigo County.....	112	Manassas Park city, Va., ²	7
Minnehaha County.....	109			Arlington County, Va.....	153
		Texarkana, Tex.-Texarkana, Ark.	127	Fairfax County, Va.....	597
South Bend, Ind.	281	Bowie County, Tex.....	74	Loudoun County, Va.....	57
Marshall County.....	39	Little River County, Ark.....	14	Prince William County, Va., ²	145
St. Joseph County.....	242	Miller County, Ark.....	38		
		Toledo, Ohio-Mich.	792	Waterbury, Conn.	226
Spokane, Wash.	342	Fulton County, Ohio.....	38	Litchfield County (pt.).....	33
Spokane County.....	342	Lucas County, Ohio.....	472	New Haven County (pt.).....	195
		Ottawa County, Ohio.....	40		
Springfield, Ill.	188	Wood County, Ohio.....	107	Waterloo-Cedar Falls, Iowa...	138
Menard County.....	12	Monroe County, Mich.....	135	Black Hawk County.....	138
Sangamon County.....	176				
		Topeka, Kans.	185	Wausau, Wis.	111
Springfield, Mo.	208	Jefferson County.....	15	Marathon County.....	111
Christian County.....	22	Osage County.....	15		
Greene County.....	185	Shawnee County.....	155	West Palm Beach-Boca Raton, Fla.	573
				Palm Beach County.....	573
Springfield, Ohio.	184	Trenton, N.J.	308	Wheeling, W.Va.-Ohio...	186
Champaign County.....	34	Mercer County.....	308	Marshall County, W.Va.....	42
Clark County.....	150			Ohio County, W.Va.....	61
		Tucson, Ariz.	531	Belmont County, Ohio.....	83
Springfield-Chicopee- Holyoke, Mass.-Conn.	531	Pima County.....	531		
Hampden County, Mass. (pt.).....	432			Wichita, Kans.	411
Hampshire County, Mass. (pt.).....	86	Tulsa, Okla.	690	Butler County.....	45
Worcester County, Mass. (pt.).....	4	Creek County.....	59	Sedgwick County.....	367
Tolland County, Conn. (pt.)...	8	Mayes County.....	32		
		Osage County.....	39	Wichita Falls, Tex.	131
		Rogers County.....	46	Clay County.....	10
		Tulsa County.....	471	Wichita County.....	121
		Wagoner County.....	42		
Stamford, Conn.	199	Tuscaloosa, Ala.	137	Wilkes-Barre-Hazleton, Pa. (See Northeast Pennsylvania SMSA.)	
Fairfield County (pt.).....	199	Tuscaloosa County.....	137		
				Williamsport, Pa.	118
State College, Pa.	113	Tyler, Tex.	128	Lycoming County.....	118
Centre County.....	113	Smith County.....	128		
		Utica-Rome, N.Y.	320	Wilmington, Del.-N.J.-Md.	524
Steubenville-Weirton, Ohio- W.Va.	163	Herkimer County.....	67	New Castle County, Del.....	399
Jefferson County, Ohio.....	92	Oneida County.....	253	Salem County, N.J.....	65
Brooke County, W.Va.....	31			Cecil County, Md.....	60
Hancock County, W.Va.....	40	Vallejo-Fairfield-Napa, Calif. ...	334		
		Napa County.....	99	Wilmington, N.C.	139
Stockton, Calif.	347	Solano County.....	235	Brunswick County.....	36
San Joaquin County.....	347			New Hanover County.....	103
		Victoria, Tex.	69	Worcester, Mass.	373
		Victoria County.....	69	Worcester County (pt.).....	373
Syracuse, N.Y.	642			Yakima, Wash.	173
Madison County.....	65	Vineand-Milville-Bridgeton, N.J.	133	Yakima County.....	173
Onondaga County.....	463	Cumberland County.....	133		
Oswego County.....	114			York, Pa.	381
		Visalia-Tulare-Porterville, Calif.	246	Adams County.....	68
Tacoma, Wash.	486	Tulare County.....	246	York County.....	313
Pierce County.....	486			Youngstown-Warren, Ohio....	531
		Waco, Tex.	171	Mahoning County.....	289
Tallahassee, Fla.	160	McLennan County.....	171	Trumbull County.....	242
Leon County.....	149			Yuba City, Calif.	102
Wakulla County.....	11			Sutter County.....	52
				Yuba County.....	50

¹ As of April 1, 1980. Source: U.S. Bureau of the Census, 1980 Census of Population, Supplementary Reports, PC 80-S1-5.² Manassas and Manassas Park cities became independent of Prince William County in 1975.

STANDARD CONSOLIDATED STATISTICAL AREAS (SCSA's)

	1980 Popula- tion ¹ (1,000)		1980 Popula- tion ¹ (1,000)
Boston-Lawrence-Lowell, Mass.-N.H.	3,448	Miami-Fort Lauderdale, Fla.	2,640
Boston, Mass.	2,763	Miami, Fla.	1,628
Lawrence-Haverhill, Mass.-N.H.	282	Fort Lauderdale-Hollywood, Fla.	1,014
Lowell, Mass.-N.H.	233		
Brockton, Mass.	169	Milwaukee-Racine, Wis.	1,570
Chicago-Gary-Kenosha, Ill.-Ind.-Wis.	7,888	Milwaukee, Wis.	1,397
Chicago, Ill.	7,102	Racine, Wis.	173
Gary-Hammond-East Chicago, Ind.	643		
Kenosha, Wis.	123	New York-Newark-Jersey City, N.Y.-N.J.-Conn.	16,120
Cincinnati-Hamilton, Ohio-Ky.-Ind.	1,680	New York, N.Y.-N.J.	9,120
Cincinnati, Ohio-Ky.-Ind.	1,401	Nassau-Suffolk, N.Y.	2,608
Hamilton-Middletown, Ohio.	259	Newark, N.J.	1,985
Cleveland-Akron-Lorain, Ohio.	2,834	Jersey City, N.J.	557
Cleveland, Ohio.	1,899	New Brunswick-Perth Amboy-Sayreville, N.J.	596
Akron, Ohio.	660	Paterson-Clifton-Passaic, N.J.	448
Lorain-Elyria, Ohio.	275	Long Branch-Asbury Park, N.J.	503
Dayton-Springfield, Ohio.	1,014	Stamford, Conn.	199
Dayton, Ohio.	830	Norwalk, Conn.	127
Springfield, Ohio.	184	Philadelphia-Wilmington-Trenton, Pa.-Del.-N.J.-Md.	5,549
Detroit-Ann Arbor, Mich.	4,618	Philadelphia, Pa.-N.J.	4,717
Detroit, Mich.	4,353	Wilmington, Del.-N.J.-Md.	524
Ann Arbor, Mich.	265	Trenton, N.J.	308
Houston-Galveston, Tex.	3,101	Providence-Fall River, R.I.-Mass.	1,096
Houston, Tex.	2,905	Providence-Warwick-Pawtucket, R.I.-Mass.	919
Galveston-Texas City, Tex.	196	Fall River, Mass.-R.I.	177
Indianapolis-Anderson, Ind.	1,306	San Francisco-Oakland-San Jose, Calif.	5,182
Anderson, Ind.	139	San Francisco-Oakland, Calif.	3,253
Indianapolis, Ind.	1,167	San Jose, Calif.	1,295
Los Angeles-Long Beach-Anaheim, Calif.	11,496	Vallejo-Fairfield-Napa, Calif.	334
Los Angeles-Long Beach, Calif.	7,478	Santa Rosa, Calif.	300
Anaheim-Santa Ana-Garden Grove, Calif.	1,932		
Riverside-San Bernardino-Ontario, Calif.	1,557	Seattle-Tacoma, Wash.	2,082
Oxnard-Simi Valley-Ventura, Calif.	530	Seattle-Everett, Wash.	1,607
		Tacoma, Wash.	486

¹ As of April 1, 1980.

Source: U.S. Bureau of the Census, 1980 Census of Population, Supplementary Reports, PC 80-SI-5.

APPENDIX III

Statistical Methodology and Reliability

Introduction.—The data presented in this *Statistical Abstract* came from many sources. The sources include not only Federal statistical bureaus and other organizations that collect and issue statistics as their principal activity, but also governmental administrative and regulatory agencies, private research bodies, trade associations, insurance companies, health associations, and private organizations such as the American Red Cross and philanthropic foundations. Consequently, the data vary considerably as to reference periods, definitions of terms and, for ongoing series, the number and frequency of time periods for which data are available.

The statistics presented were obtained and tabulated by various means. Some statistics are based on complete enumerations or censuses while others are based on samples. Some information is extracted from records kept for administrative or regulatory purposes (school enrollment, hospital records, securities registration, financial accounts, social security records, income tax returns, etc.), while other information is obtained explicitly for statistical purposes through interviews or by mail. The estimation procedures used vary from highly sophisticated scientific techniques, to crude "informed guesses".

Each set of data relates to a group of individuals or units of interest referred to as the *target universe* or *target population*, or simply as the *universe* or *population*. Prior to data collection the target universe should be clearly defined. For example, if data are to be collected for the universe of households in the United States, it is necessary to define a "household". The target universe may not be completely tractable. Cost and other considerations may restrict data collection to a *survey universe* of households on some available list, such list being inaccurate, out of date, defining "household" slightly differently, etc. This list is called a *survey frame* or *sampling frame*.

The data in these tables are based on data obtained for all population units, a *census*, or on data obtained for only a portion, or *sample*, of the population units.

When the data presented are based on a sample, the sample is usually a scientifically selected *probability sample*. This is a sample selected from a list or sampling frame in such a way that every possible sample has a known chance of selection, and usually each unit selected can be assigned a number, between zero and one, representing its likelihood or probability of selection.

For large-scale sample surveys, the probability sample of units is often selected as a multistage sample. The first stage of a multistage sample is the selection of a probability sample of large groups of population members, referred to as primary sampling units (PSU's). For example, in a national multistage household sample, PSU's are often counties or groups of counties. The second stage of a multistage sample is the selection, within each PSU selected at the first stage, of smaller groups of population units, referred to as secondary sampling units. In subsequent stages of selection, smaller and smaller nested groups are chosen until the ultimate sample of population units is obtained. To qualify a multistage sample as a probability sample, all stages of sampling must be carried out using probability sampling methods.

Prior to selection at each stage of a multistage (or a single-stage) sample, a list of the sampling units or sampling frame for that stage must be obtained. For example, for the first stage of selection of a national household sample, a list of the counties and county groups that form the PSU's must be obtained. For the final stage of selection, lists of households, and sometimes persons within the households, have to be compiled in the field. If a single-stage sample of the Nation's hospitals is to be selected, a list of hospitals must be obtained to use as the sampling frame. Unfortunately, it is virtually impossible to obtain a complete, up-to-date frame for a hospital survey. This is a problem incurred for most surveys of institutions and for many other types of surveys as well.

Wherever the quantities in a table refer to an entire universe, but are constructed from data collected in a sample survey, the table quantities are referred to as *sample estimates*. In constructing a sample estimate, an attempt is made to come as close as is feasible to the corresponding universe quantity that would be obtained from a complete census of the universe. Estimates based on a sample will, however, generally differ from the hypothetical census figures. Two classifications of errors are associated with estimates based on sample surveys: (1) *sampling error*—the error arising

from the use of a sample, rather than a census, to estimate population quantities and (2) *nonsampling error*—those errors arising from nonsampling sources. As discussed below, the magnitude of the sampling error for an estimate can usually be estimated from the sample data. However, the magnitude of the nonsampling error for an estimate can rarely be estimated. Consequently, actual error in an estimate exceeds the estimated error in the estimate.

The particular sample used in a survey is only one of a large number of possible samples of the same size which could have been selected using the same sampling procedure. Estimates derived from the different samples would, in general, differ from each other. The *standard error* (SE) is a measure of the variation among the estimates derived from all possible samples. The standard error is the most commonly used measure of the sampling error of an estimate. Valid estimates of the standard errors of survey estimates can usually be calculated from the data collected in a probability sample. For convenience, the standard error is sometimes expressed as a percent of the estimate and is called the *relative standard error* or *coefficient of variation* (CV). For example, an estimate of 200 units with an estimated standard error of 10 units has an estimated CV of 5 percent.

A sample estimate and an estimate of its standard error or CV can be used to construct interval estimates that have a prescribed confidence that the interval includes the average of the estimates derived from all possible samples. To illustrate, if all possible samples were selected under essentially the same conditions, and an estimate and its estimated standard error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average estimate derived from all possible samples.
2. Approximately 90 percent of the intervals from 1.65 standard errors below the estimate to 1.65 standard errors above the estimate would include the average estimate derived from all possible samples.
3. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average estimate derived from all possible samples.

Thus, for a particular sample, one can say with the appropriate level of confidence (e.g., 90% or 95%) that the average of all possible samples is included in the constructed interval. Example of a confidence interval: An estimate is 200 units with a standard error of 10 units. An approximate 90 percent confidence interval (plus or minus 1.65 standard errors) is from 183.5 to 216.5.

All surveys and censuses are subject to nonsampling errors. Nonsampling errors are two kinds—*random* and *nonrandom*. Random nonsampling errors arise because of the varying interpretation of questions (by respondents or interviewers) and varying actions of coders, keyers, and other processors. Some randomness is also introduced when respondents must estimate values. These same errors usually have a nonrandom component. Nonrandom nonsampling errors result from total nonresponse (no usable data obtained for a sampled unit), partial or item nonresponse (only a portion of a response may be usable), inability or unwillingness on the part of respondents to provide correct information, difficulty interpreting questions, mistakes in recording or keying data, errors of collection or processing, and coverage problems (overcoverage and undercoverage of the target universe). Random nonresponse errors usually, but not always, result in an understatement of sampling errors and thus an overstatement of the precision of survey estimates. Estimating the magnitude of nonsampling errors would require special experiments or access to independent data and, consequently, the magnitudes are seldom available.

Nearly all types of nonsampling errors that affect surveys also occur in complete censuses. Since surveys can be conducted on a smaller scale than censuses, nonsampling errors can presumably be controlled more tightly. Relatively more funds and effort can perhaps be expended toward eliciting responses, detecting and correcting response error, and reducing processing errors. As a result, survey results can sometimes be more accurate than census results.

To compensate for suspected nonrandom errors, adjustments of the sample estimates are often made. For example, adjustments are frequently made for nonresponse, both total and partial. Adjustments made for either type of nonresponse are often referred to as *imputations*. Imputation for total nonresponse is usually made essentially by substituting for the questionnaire responses of the nonrespondents the "average" questionnaire responses of the respondents. These imputations are usually made separately within various groups of sample members, formed by attempting to place respondents and nonrespondents together that have "similar" survey characteristics. Imputation for item nonresponse is usually made by substituting for a missing item the response to that item of a respondent having characteristics that are "similar" to those of the nonrespondent.

For an estimate calculated from a sample survey, the *total error* in the estimate is composed of the *sampling error*, which can usually be estimated from the sample, and the *nonsampling error*, which usually cannot be estimated from the sample. The total error present in a population quantity obtained from a complete census is composed of only *nonsampling errors*. Ideally, estimates of the total error associated with data given in the *Statistical Abstract* tables should be given. However, due to the unavailability of estimates of nonsampling errors, only estimates of the levels of sampling errors, in terms of estimated standard errors or coefficients of variation, are available.

Principal data bases—Beginning on page 930 are brief descriptions of 43 of the sample surveys and censuses that provide a substantial portion of the data contained in this *Abstract*.

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 1. POPULATION U.S. Bureau of the Census <i>Census of Population</i> See tables citing <i>Census of Population</i> in section 1 and also in sections 2, 5, 7, 13, 14, 16, 22, 28, and 32.	Complete count of U.S. population conducted every 10 years since 1790. Data obtained on number and characteristics of inhabitants.	In 1970 and 1980, complete census for some items—age, sex, race, marital status and relationship to household head. In 1970, other items collected from a 5% and a 15% probability (systematic) sample of the population. In 1980, a 20% sample was taken.
<i>Current Population Survey (CPS)</i> See tables citing <i>Current Population Reports</i> primarily in section 1, but also in sections 2, 4, 5, 11, 13, 14, 16, 24, and 32. Many Bureau of Labor Statistics' (BLS) tables in section 13 are CPS based.	Nationwide monthly sample survey of civilian noninstitutional population, 14 years old or over, to obtain data on employment, unemployment, and a number of other characteristics.	Multistage probability sample of about 82,000 households in 629 PSU's. Oversampling in some States and the largest SMSA's to improve reliability for those areas of employment data on annual average basis. A continual sample rotation system is used. Households are in sample 4 months, out for 8 months, and in for 4 more. Month-to-month overlap is 75%; year-to-year overlap is 50%.
SECTION 2. VITAL STATISTICS U.S. National Center for Health Statistics <i>Vital Registration System</i> See tables 83, 85-90, 98, 108-119, 121, and 122.	Annual data on births and deaths in the United States.	Mortality data based on complete file of death records, except 1972, based on 50% sample. Natality statistics for most years, 1951-1971, based on 50% sample of birth records received by NCHS. Beginning 1972, data from some States received through Cooperative Health Statistics System and complete file used; data from other States based on 50% sample.
(See section 1 above for information pertaining to tables 91-97.)		
SECTION 4. HEALTH AND NUTRITION U.S. National Center for Health Statistics <i>National Health Interview Survey (NHIS)</i> See tables 167, 168, 189, 190, 193, 194, 197, 198, 202-204, and 206 and, in section 5, table 238.	Continuous data collection covering the civilian noninstitutional population to obtain information on personal and demographic characteristics, illnesses, injuries, impairments, chronic conditions, and other health topics.	Multistage probability sample of 42,000 households (in 376 PSU's) selected in groups of about four geographically adjacent households.
<i>National Master Facility Inventory (NMFI)</i> See tables 173, 183, and 185.	Annual survey of hospitals with 6 or more beds and biennial surveys of nursing and related care homes with 3 or more beds and other inpatient health facilities to update file. Information obtained on names, locations, and types of facilities, and number of beds and residents or patients.	Complete census of eligible institutions. Comprehensive file periodically updated to include names and addresses of newly established inpatient facilities from State licensing agencies.

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
In 1970, extensive use of mail questionnaires in urban areas; personal interviews in most rural areas. In 1980, mail questionnaires were used in even more areas than in 1970, with personal interviews in the remainder. Extensive telephone and personal followup for nonrespondents done in both censuses. Imputations made for missing characteristics. For first and fifth months that a household is in sample, personal interviews; other months, data collected by phone.	Evaluation programs are currently being conducted to provide information on the magnitude of both sampling (for sample items) and nonsampling errors in the 1980 census, including undercount (net undercount in 1970 was estimated to be 2.5%). Estimated CV on annual averages for labor force, total employment, and non-agricultural employment, .3%; for total unemployment and agricultural employment, 1.5 to 2.5%.	Reinterview results indicate that unemployment is underestimated by about 5.0-9.0%. Other statistics less biased. Four to 5.0% of sample households unavailable for interviews.	U.S. Bureau of the Census, <i>Estimates of Coverage of the Population by Sex, Race, and Age: Demographic analysis, PHC(E)-4; Census of Population: 1970, PC(1)-C, Appendix C; and 1980 Census of Population, vol. 1, PC80-1, Appendixes B and C.</i> U.S. Bureau of the Census and Bureau of Labor Statistics, <i>Concepts and Methods Used in Labor Force Statistics from Current Population Survey</i> (Census series P-23, No. 52; BLS report No. 463) and Bureau of the Census, <i>Current Population Survey</i> (Tech. Paper 40).
Reports based on records from registration offices of all States, District of Columbia, New York City, Puerto Rico, Virgin Islands, Guam, and certain cities.	For births, CV's are small due to large portion of total file in sample (except for very small estimated totals).	In 1964-1988, underregistration of births estimated to be .7%. Data on deaths believed to be complete.	U.S. National Center for Health Statistics, <i>Vital Statistics of the United States, 1979</i>, vol. I and vol. II, part A and part B, forthcoming.
Personal household interviews. Extensive followup of nonrespondents. Data adjusted for nonresponse by imputation procedure based on "average" characteristics of persons in interviewed households in same geographic area. Mail questionnaires to facilities. Missing questionnaire items imputed by using either previously reported information or by using current data from similar responding facilities.	Estimated CV's: For physician visits by males, 1.5%; for workdays lost by males, 3.5%; for persons injured at home, 4.7%. Not applicable.	Response rate was 96% in 1979. The response rate in the 1979 survey of hospitals was about 90%. In 1976, coverage was 98% complete for nursing care and related homes and other custodial or remedial care facilities.	U.S. National Center for Health Statistics, "Current Estimates from the National Health Interview Survey, U.S., 1979," <i>Vital and Health Statistics</i>, series 10—No. 136, DHEW No. (PHS) 81-1564, Apr. 1981. U.S. National Center for Health Statistics, "Design and Methodology of the 1967 Master Facility Inventory Survey," <i>Vital and Health Statistics</i>, series 1—No. 9, PHS Pub. No. 1000, Jan. 1971.

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 4. HEALTH AND NUTRITION—Con. U.S. Health Care Financing Administration <i>Survey of Independent Prepaid and Self-Insured Health Plans</i> See tables 159 and 160 and, in section 17, table 891.	Annual survey of prepaid and self-insured health plans not underwritten by insurance companies or Blue Cross or Blue Shield plans to obtain operating characteristics, subscription income, enrollments and benefit expenditures by type of care, and other financial data.	Complete census every 4 to 5 years; in other years, certainty sample of 38 large plans, 29 dental care plans, 15 vision care plans and random sample of remaining plans.
(See section 1 above for information to table 162 and section 15 pertaining to table 157.)		
SECTION 5. EDUCATION U.S. National Center for Education Statistics (NCES) <i>Revenues and Expenditures for Public Elementary and Secondary Schools</i> See tables 217, 218, 239, 255, 257, 258, and in section 32, table 1527. <i>Statistics of Public Elementary and Secondary Schools</i> See tables in section 5 which present data from NCES pertaining to State public school systems. <i>Higher Education General Information Survey (HEGIS)</i> <i>A. Institutional Characteristics of Colleges and Universities</i> See tables 214–216, 266, 268, 275, and 276. <i>B. Fall Enrollment in Institutions of Higher Education</i> See tables 216, 224, 266, 268, and 270. <i>C. Financial Statistics of Institutions of Higher Education</i> See tables 217, 218, 266, and 276. <i>D. Degrees and Other Formal Awards Conferred</i> See tables 264 and 283–285.	Annual survey of State education agencies to obtain data on revenues and expenditures for public elementary and secondary education. Includes the 50 States, District of Columbia, and the outlying areas. Annual survey of State education agencies to obtain data on pupils enrolled, staff employed, number of schools, and estimates of revenues and expenditures for the school year in progress. Includes the 50 States, District of Columbia, and the outlying areas. Annual survey of all institutions and branches listed in the Education Directory, Colleges and Universities to obtain data on characteristics of institutions including control (public or private), type (university, other four-year, and two-year) and student charges. Annual survey of all institutions and branches listed in the Education Directory, Colleges and Universities to obtain data on total enrollment by sex, level of enrollment, type of program, racial/ethnic characteristics (in alternate years) and attendance status of student, and on first-time students. Annual survey of all institutions and branches listed in the Education Directory, Colleges and Universities to obtain data on financial status and operations, including current funds revenues, current funds expenditures, and physical plant assets. Annual survey of all institutions and branches listed in the Education Directory, Colleges and Universities to obtain data on earned degrees and other formal awards, conferred by field of study, level of degree, sex, and by racial/ethnic characteristics (in alternate years).	Complete census; however, data are extracted by State education agencies from fiscal reports submitted by local education agencies. Complete census; however, data are extracted by State education agencies from fall reports submitted by local education agencies. Complete census. Complete census. Complete census.

(See section 1 above for information pertaining to the Bureau of the Census and section 2 above for National Center for Health Statistics.)

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
Mail questionnaire with telephone followup.	Not applicable.	Item nonresponse rate was about 25% for enrollment data and 30% for financial data in 1973 census. In 1972, 383 plans out of 465 provided usable responses.	U.S. Health Care Financing Administration, <i>HCFA Health Notes</i> , "Independent Health Insurance Plans", annual.
Mail survey with followup for nonresponse through direct contact of other records.	Not applicable.	Some distortion in expenditures by function due to variations in State accounting systems.	U.S. National Center for Education Statistics, <i>Revenues and Expenditures for Public Elementary and Secondary Education</i> , annual.
Mail survey. Imputations for missing data included in national totals; imputations are derived based on data reported over previous 5 years.	Not applicable.	Deviations from State to State or year to year arise from differences in definitions, and instructions used by State education agencies.	U.S. National Center for Education Statistics, <i>Statistics of Public Elementary and Secondary Day Schools</i> , annual.
Survey package usually mailed in the spring with surveys due at varying dates in the summer and fall; mail and phone followup procedures for nonrespondents. Missing data imputed by using data for an earlier year, adjusted for trends observed in earlier HEGIS surveys, or data of similar institutions. See above.	Not applicable.	One hundred percent response rate.	U.S. National Center for Education Statistics, <i>Education Directory, Colleges and Universities</i> , annual.
	Not applicable.	One hundred percent response rate based upon institutional recordkeeping.	U.S. National Center for Education Statistics, <i>Fall Enrollment in Higher Education</i> , annual.
See above.	Not applicable.	For 1979, a 91.7% response rate. Imputed expenditures amounted to about 2.8% of total expenditures.	U.S. National Center for Education Statistics, <i>Financial Statistics of Institutions of Higher Education</i> , annual.
See above.	Not applicable.	One hundred percent response rate based upon institutional recordkeeping.	U.S. National Center for Education Statistics, <i>Earned Degrees Conferred</i> , annual.

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 8. LAW ENFORCEMENT, FEDERAL COURTS, AND PRISONS		
U.S. Federal Bureau of Investigation <i>Uniform Crime Reporting (UCR) Program</i> See tables 293-297 and 304-312.	Monthly reports on the number of criminal offenses that become known to law enforcement agencies. Data collected on crimes cleared by arrest, by age, sex, and race of offender, and on assaults on law enforcement officers.	Crime statistics based on reports of crime data submitted either directly to the FBI by contributing law enforcement agencies or through cooperating State UCR programs.
U.S. Bureau of Justice Statistics (BJS) <i>National Crime Survey</i> See tables 298-300.	Monthly survey of individuals and households in the U.S. to obtain data on criminal victimization of those units for compilation of annual estimates.	National probability sample survey of about 60,000 households in 376 PSU's selected from a list of addresses from the 1970 census, supplemented by new construction permits.
(See section 10 for details on tables 313 and 315, and section 30 for table 317.)		
SECTION 8. PUBLIC LANDS, PARKS, RECREATION, AND TRAVEL		
U.S. Bureau of the Census <i>Census of Transportation National Travel Survey</i> See tables 409-411.	Survey conducted every 5 years to obtain information on number and characteristics of long-distance trips (100 miles or more)	Probability sample of about 25,000 households in which residents were asked about trips they had taken.
SECTION 9. FEDERAL GOVERNMENT		
U.S. Internal Revenue Service <i>Statistics of Income Individual Income Tax Returns</i> See tables 435-441 and 444-446.	Annual study of unaudited individual income tax returns, Forms 1040 and 1040A, filed by U.S. citizens and residents. Data provided on various financial characteristics by size of adjusted gross income, marital status, State of residence, and by taxable and non-taxable returns.	Stratified systematic sample of 187,262 returns for tax year 1979, broken into sample classes based on State groupings and on combinations of adjusted gross income or deficit, or the largest of specific income or loss items, and business and farm receipts. Sampling rates for sample strata varied from .05% to 100%.
<i>Corporation Income Tax Returns</i> See tables 448 and 449 and in section 18, tables 896, 897, 899, 900, 914, and 919-921.	Annual study of unaudited corporation income tax returns, Forms 1120 and 1120 (L, M, S, F, or DISC), filed by corporations or businesses legally defined as corporations. Data provided on various financial characteristics by industry and size of total assets, business receipts, taxable income, and income tax.	Stratified probability sample of 101,407 returns in 1976, broken into sample classes based on type of return, size of total assets, and size of net income or deficit (except Form 1120 DISC); for Form 1120-DISC, size of total sales receipts and size of total assets of majority corporate stockholders. Sampling rates for sample strata varied from .6% to 100%.
SECTION 10. STATE AND LOCAL GOVERNMENT FINANCES AND EMPLOYMENT		
U.S. Bureau of the Census <i>Census of Governments</i> See tables in section 10 citing <i>Census of Governments</i> ; in section 11, table 540; and in section 16, table 818.	Survey of all governmental units in the U.S. conducted every 5 years to obtain data on government revenue, expenditures, debt, employment and employee-retirement systems, property values, public school systems, and number, size, and structure of governments.	Complete census. List of units derived through classification of government units recently authorized in each State and identification, counting, and classification of existing local governments and public school systems.

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
States with UCR programs collect data directly from individual law enforcement agencies and forward reports, prepared in accordance with UCR standards, to FBI. Accuracy and consistency edits performed by FBI. Personal interviews conducted every 6 months for 3 years for each household in sample; 10,000 households interviewed monthly.	Not applicable. CV in 1979: 5% for estimate of personal robbery counts; 2% for household burglary count.	Coverage of 98% of the population (99% in SMSA's, 94% in rural areas) by UCR Program, though varying number of agencies report. Some error present through incorrect reporting. Four percent of eligible households were not interviewed and 2% of persons within responding households did not participate.	U.S. Federal Bureau of Investigation, <i>Crime in the United States</i>. U.S. Bureau of Justice Statistics, <i>Criminal Victimization in the United States, 1979</i>.
Quarterly personal interviews in census year with telephone followups for items missed.	S.E. for estimate of total household trips (312,532,000) in 1977 is approximately 7,178,000.	Areas of possible nonsampling errors include memory loss on the part of the respondents in reporting trips and in the methods used to estimate trip mileage. Problems in the representation of new construction and mobile homes and in undercoverage of persons in households also create nonsampling errors. The nonresponse rate was about 10%.	U.S. Bureau of the Census, <i>Census of Transportation, 1977, National Travel Survey</i>, Report No. TC77-N-2.
Computer selection of sample of tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return. See above.	Estimated CV's for 1978 (1979 not available): For number of returns in subgroups, ranged from .9% for returns under \$5,000 to 0% for returns over \$500,000; and from .2% for Nebraska and Pennsylvania returns to 4.6% for Vermont; for adjusted gross income less deficit, .1%; and amount of income tax, .2%. Estimated CV's for 1975 (1976 not available): For number of returns in subgroups, ranged from 1.1% with assets under \$100,000 to 0% with assets over \$10 mil.; for amount of net income, .1%; and amount of income tax, .1%.	Processing errors and errors arising from the use of tolerance checks for the data. See above.	U.S. Internal Revenue Service, <i>Statistics of Income, Individual Income Tax Returns</i>, annual. U.S. Internal Revenue Service, <i>Statistics of Income, Corporation Income Tax Returns</i>, annual.
Field compilation of financial data from official records and reports for States and large local governments; mail canvass of other units, with mail and telephone followups.	Not applicable.	Some response errors may arise due to respondents' interpretation of definitions and instructions.	U.S. Bureau of the Census, <i>Census of Governments, 1977</i>, various reports.

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 10. STATE AND LOCAL GOVERNMENT FINANCES AND EMPLOYMENT—Con.		
U.S. Bureau of the Census <i>Annual Surveys of State and Local Government.</i> See tables citing <i>Public Employment and Governmental Finances</i> in section 10 and table 540 in section 11.	Sample survey conducted annually to obtain data on revenue, expenditure, debt, and employment of State and local governments. Universe is all governmental units in the U.S. (about 80,000).	Sample of about 16,000 units includes all State governments, county governments with 50,000+ population, municipalities with 25,000+ population, and other governments meeting certain financial criteria; probability sample for remaining units.
SECTION 11. SOCIAL INSURANCE AND WELFARE SERVICES		
U.S. Social Security Administration <i>Benefit Data.</i> See tables 535-537 and 567.	All persons receiving monthly benefits under Title II of Social Security Act. Data on number and amount of benefits paid by type and State.	Data based on administrative records.
<i>Supplemental Security Income Program (SSI)</i> See tables 559-563.	All eligible aged, blind, or disabled persons receiving SSI benefit payments under SSI program. Data include number of persons receiving federally administered SSI, amounts paid, and State administered supplementation.	Data based on administrative records.
(See section 1 above for information pertaining to the Current Population Survey; and section 10 for information pertaining to Census of Governments and Annual Surveys of State and Local Government.)		
SECTION 13. LABOR FORCE, EMPLOYMENT, AND EARNINGS		
U.S. Bureau of Labor Statistics (BLS) <i>Current Employment Statistics Program (CES)</i> See tables 655, 656, 659, 666-669, 676, 678, and 703 and, in section 22, table 1062.	Monthly survey covering about 4 million nonagricultural establishments to obtain data on employment, hours, and earnings, by industry.	Probability sample survey of about 166,300 establishments in March 1980.
(See section 1 above for information pertaining to the Current Population Survey.)		
SECTION 14. INCOME, EXPENDITURES, AND WEALTH (See section 1 above for information pertaining to the Current Population Survey.)		
SECTION 15. PRICES		
U.S. Bureau of Labor Statistics (BLS) <i>Consumer Price Index (CPI)</i> See tables 765-767, 779-781, 783, 784, 789, 792, and 793 and, in section 4, table 157.	Monthly survey of price changes of all types of consumer goods and services purchased by urban wage earners and clerical workers prior to 1978, and urban consumers thereafter.	Prior to 1978, sample of various consumer items in 56 urban areas; thereafter, in 85 PSU's.
<i>Producer Price Index (PPI)</i> See tables 765-767, 770-773, and 775; in section 25, table 1263; in section 28, table 1361; and, in section 29, table 1448.	Monthly survey of producing companies to determine price change of all commodities produced or imported for sale in commercial transactions in primary markets in the U.S. Data on agriculture, forestry, fishing, manufacturing, mining, gas, electricity, and public utilities.	Nonprobability sample of 2,800 commodities and about 10,000 respondents.

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
Field compilation of financial data from official records and reports for States and large local governments; mail canvass of other units with mail and telephone followups of nonrespondents. Data for nonresponses imputed from previous year data.	CV for estimates of major employment and financial items are generally less than 2% for most States and less than 1% for the majority of States.	Nonresponse rate about 15% for number of units (about 5% for value items). Other possible errors may result from undetected inaccuracies in classification, response, and processing.	U.S. Bureau of the Census, <i>Public Employment in 1980</i> , GE 80, No. 1, and <i>Governmental Finances in 1979-80</i> , GE 80, No. 5.
Records used consist of actions pursuant to applications for benefits, updated by subsequent post-entitlement actions.	Not applicable.	Processing errors, which are believed to be small.	U.S. Social Security Administration, <i>Annual Statistical Supplement to the Social Security Bulletin</i> .
Data adjusted to reflect returned checks and overpayment refunds. For federally administered, actual adjusted amounts used; for State administered, payments deflated for average rate across all States.	Not applicable.	See above.	See above.
Cooperating State agencies mail questionnaires to sample establishments to develop State and local estimates; information forwarded to BLS where national estimates prepared.	Estimated CV for average weekly hours paid, .1%; for average hourly earnings, .2%.	Incorrect responses believed to be somewhat offsetting. Estimates of employment adjusted annually to reflect complete universe. Average adjustment of .2%.	U.S. Bureau of Labor Statistics, <i>Employment and Earnings</i> , Explanatory Data, tables I-O.
Prices of 400 items obtained from about 2,300 food outlets, 18,000 rental units, 18,000 housing units (for property taxes), and 22,300 other reporters in 85 areas. Prices of most goods and services obtained monthly in the 5 largest areas and every 3 months in others.	Estimates of standard errors are not available at present.	Errors result from inaccurate reporting, difficulties in defining concepts and their operational implementation, lack of systematic method for incorporating new outlets in the sample, and introduction of product quality changes and new products.	U.S. Bureau of Labor Statistics, <i>The Consumer Price Index: Concepts and Content Over the Years</i> , Report 517. See also text, pp. 457 and 458.
Data collected by mail. If transaction prices not supplied, list prices used. Some prices obtained from trade publications, organized exchanges, and government agencies. To calculate index, price changes multiplied by their relative weights based on total net selling value of all commodities in 1972.	Not applicable.	Transaction prices at time of shipment not always available, so list and order prices sometimes used. Only about half of the total value of the mining and manufacturing sectors covered by current program. Double counting bias present because gross shipment values are used as weights.	U.S. Bureau of Labor Statistics, <i>Handbook of Methods for Surveys and Studies</i> , Bulletin 1910 (1976).

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 16. ELECTIONS		
(See section 1 above for information pertaining to tables 828 and 829 and section 10 above pertaining to table 818.)		
SECTION 17. BANKING, FINANCE, AND INSURANCE		
(See section 4 above for information pertaining to table 691.)		
SECTION 18. BUSINESS ENTERPRISE		
U.S. Internal Revenue Service		
<i>Statistics of Income</i>		
<i>Sole Proprietorship Returns</i>	Annual study of unaudited income tax returns of sole proprietorships, Form 1040 with business or farm schedules. Data provided on various financial characteristics by industry and size of business receipts, adjusted gross income.	Stratified probability sample of 79,798 sole proprietorships and 43,147 partnerships in tax year 1978. Sole proprietorship sample is broken into sample classes based on type of return and on combinations of adjusted gross income or the largest of specific income or loss items and receipts.
See tables 896, 897, 899, and 900.		
<i>Partnership Returns</i>	Annual study of unaudited income tax returns of partnerships, Form 1065. Data provided on various financial characteristics by industry and size of business receipts, and total assets (partnerships only).	Stratified probability sample of 47,076 partnership returns filed for tax year 1978. The sample is broken into sample classes based on combinations of gross receipts, total income or loss, and total assets, and on industry. Sampling rates varied from .6% to 100%.
See tables 896, 897, 899, and 900.		
(See section 9 above for information pertaining to tables 896, 897, 899, 900, 914, and 919-921, and section 29 below for table 918.)		
SECTION 19. COMMUNICATIONS		
(See section 29 for information pertaining to tables 969, 970, and 979.)		
SECTION 20. ENERGY		
U.S. Energy Information Administration		
<i>Residential Energy Consumption Survey</i>	Annual survey of households and fuel suppliers. Data obtained on household characteristics, housing unit characteristics, and energy consumption and expenditures by fuel type.	Probability sample of 4,453 eligible units in 103 PSUs. For responding units, fuel consumption and expenditure data obtained from fuel suppliers to those households.
See tables 997-999 and table 1385 in section 28.		
SECTION 22. TRANSPORTATION—LAND		
(See section 1 above for information pertaining to table 1067, section 2 for table 1082, section 13 for table 1062, and section 28 for tables 1097 and 1099.)		
SECTION 23. TRANSPORTATION—AIR AND WATER		
U.S. Bureau of the Census		
<i>Foreign Trade—Export Statistics</i>	The export declarations collected by Customs are processed each month to obtain data on the movement of U.S. merchandise exports to foreign countries. Data obtained include value, quantity, and shipping weight of exports by commodity, by country of destination, by Customs district of exportation, and by mode of transportation.	Shipper's Export Declarations are required to be filed for the exportation of merchandise valued over \$500. Customs officials collect and transmit the documents to the Bureau of the Census on a flow basis for data compilation. Probability sampling is used in the compilation process for low-value shipments (which account for 3% of total value), i.e., shipments to Canada valued \$501-\$1,999 and to other countries valued \$501-\$999.
See Bureau of the Census citations for export statistics in source notes in sections 23 and 31 and also tables 1215, 1314, and 1537.		

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
Computer selection of sample tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return.	Estimated CV's tax year 1977 (1978 not available): For sole proprietorships, number of businesses, 5%; business receipts, .9%; and net income, .7%.	Processing errors and errors arising from the use of tolerance checks for the data.	U.S. Internal Revenue Service, <i>Statistics of Income, Sole Partnership Returns</i> .
Computer selection of sample tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return.	Estimated CV's tax year 1977. (1978 not available): For number of partnerships, .2%; business receipts, .6%; and net income, .7%.	Processing errors and errors arising from the use of tolerance checks for the data.	U.S. Internal Revenue Service, <i>Statistics of Income, Partnership Returns</i> .
Personal interviews. Extensive followup of nonrespondents including mail questionnaires for some households. Adjustments for nonrespondents were made in weighting for respondents. Item nonresponse resulted in imputation or placement in "don't know" response.	Estimated CV's: For total households, 3.5%; for fuel consumed, 3.4%, and expenditures, 3.8%; for various fuels, amounts consumed ranged from 4.4% for natural gas to 17.7% for LPG.	Household response rate of 90.6%. Undercoverage of target households estimated to range between 5 and 10%. Complete responses from fuel suppliers for various fuels ranged from 78.6% for electricity to 49.2 for LPG.	U.S. Energy Information Administration, <i>Residential Energy Consumption Survey: 1979-1980 Consumption and Expenditures</i> .
Statistical copies of Shipper's Export Declarations received on a daily basis from Customs ports throughout the country are subjected to a monthly processing cycle. They are fully processed to the extent they reflect items valued \$1,000 and over, and in the case of exports to Canada, \$2,000 and over. Estimates for shipments valued at \$500 or less are made, based on established percentages of individual country totals.	Estimated CV's for total value of exports about .1% and, for major commodity groupings, about 1%. CV's less than 1% for total value over \$10 million, less than 2% for totals between \$3 million and \$10 million, and less than possible errors due to rounding for valued less than \$3 million.	Clerical and complex computer checks intercept most processing errors and minimize otherwise significant reporting errors; other nonsampling errors are caused by undercounting of exports to Canada due to the nonreceipt of some Shipper's Export Declarations.	U.S. Bureau of the Census, <i>U.S. Exports, Schedule E, Commodity by Country</i> , FT 410.

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 23. TRANSPORTATION—AIR AND WATER—Con. <i>Foreign Trade—Import Statistics</i> See Bureau of the Census citations for import statistics in source notes in sections 23 and 31 and also tables 1314 and 1537.	The import entry documents collected by Customs are processed each month to obtain data on the movement of merchandise imported into the United States. Data obtained include value, quantity, and shipping weight by commodity, by country of origin, by Customs district of entry, and by mode of transportation.	Import entry documents are required to be filed for the importation of goods into the United States. Customs officials collect and transmit statistical copies of the documents to the Bureau of the Census on a flow basis for data compilation. A 1% sample of entries is processed for shipments valued \$250 or less, which account for less than 1% of the total import value.
SECTION 24. AGRICULTURE U.S. Bureau of the Census <i>1978 Census of Agriculture</i> See tables citing Census of Agriculture in section 24 and, in section 32, table 1536. U.S. Department of Agriculture, Statistical Reporting Service (SRS) <i>Basic Area Frame Sample</i> See tables citing SRS in source notes in section 24 and table 1432, which pertain to this or the following two surveys. <i>Multiple Frame Surveys</i> <i>Objective Yield Surveys</i> (See section 1 above for information pertaining to the Current Population Survey and section 23 for information pertaining to table 1215.)	Census of all farm operators in the U.S. every five years, generally, to obtain data on farm acreage, crops and livestock, equipment, farm sales, income, expenses, and other items, by State and county. Two annual sample surveys of U.S. farm operators: June survey collects data on planted acreage and livestock inventories; December survey collects data on livestock inventories and fall-seeded crop acreage. Surveys of U.S. farm operators to obtain data on major livestock inventories, selected crop acreages and production, and farm labor characteristics; and to obtain farm economic data for price indexing. Surveys for data on corn, cotton, potatoes, soybeans, and wheat to forecast and estimate yields.	Complete census of most farms; sample of other farms. Self-enumeration by mail using lists of persons and organizations in agriculture from the previous census, Internal Revenue Service, Dept. of Agriculture, other government agencies, and agricultural related associations. Personal enumeration of area segment sample to supplement mail lists. Stratified probability sample of about 16,000 land area units of about 1 sq. mile (range from 1 sq. mile in cities to several sq. miles in open grazing areas). Sample includes 60,000 parcels of agricultural land. About 20% of the sample replaced annually. Primary frame from general or special purpose lists, supplemented by a probability sample of land areas used to estimate for list incompleteness. Random location of plots in probability sample of fields. Fields selected in June or December from Basic Area Frame Sample (see above).
SECTION 28. CONSTRUCTION AND HOUSING U.S. Bureau of the Census <i>Census of Construction Industries</i> See tables 1363 and 1364 and, in section 32, table 1535.	Census every five years. In 1977, it covered all establishments primarily engaged in contract construction, in construction for sale on their own account (operative builders), or in subdividing real property into lots (approximately 530,000 establishments with paid employees, 600,000 without paid employees).	Probability sample of 181,000 establishments, which comprised all medium and large size employers in the universe and a probability sample of small employers. Also, all 600,000 establishments without paid employees are included in the coverage through administrative records.

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
Statistical copies of import entry documents, received on a daily basis from Customs ports of entry throughout the country, are subjected to a monthly processing cycle. They are fully processed to the extent they reflect items valued \$251 and over.	Estimated CV for world area and country totals less than .1% for totals over \$20 million; less than .5% for totals between \$1 million and \$20 million; and less than possible errors due to rounding for values less than \$1 million.	Verification of statistical data reporting by Customs officials prior to transmittal and a subsequent program of clerical and computer checks hold nonsampling errors arising from reporting and/or processing errors to a minimum.	U.S. Bureau of the Census, <i>U.S. General Imports, Schedule A, Commodity by Country</i> , FT 135.
Mail questionnaire to stratified sample (approx. 26%) of farms; shorter questionnaire to others on mail list. Nonrespondent followup by letters and phone calls. Published county data adjusted for mail list nonresponse. Supplemental direct enumeration sample provides estimates for farms not on mail list.	Standard errors by county and State for farm acreage, value of land and buildings, various crop and livestock values given in Appendix A tables of each 1978 State volume. The estimated CV for U.S. number of farms is .22% and land in farms is .04%.	Preliminary estimates of undercoverage of farms (chiefly small farms) was about 3.4% nationally. Adjustment for farm nonresponse as a percent of the U.S. total represented 8.5% for number of farms, 4.6% for land in farms, and 3.9% for value of products sold.	U.S. Bureau of the Census, <i>Census of Agriculture, 1978</i> , State and county volumes.
Data collection by personal enumeration. Imputation based on enumerator observation or data reported by respondents having similar agricultural characteristics.	CV's range from 1% to 2% for national estimates of major crop acreage and livestock inventories and from 3% to 8% for corresponding State estimates.	Minimized through rigid quality controls on the collection process and careful review of all reported data.	U.S. Department of Agriculture, SRS, <i>Scope and Methods of the Statistical Reporting Service</i> , Miscellaneous Publication No. 1308, July 1975.
Mail or personal interviews used for initial data collection. Mail nonrespondent followup by phone and personal interviews. Imputation based on average of respondents.	Estimated CV for number of hired farm workers is about 3%. See above for CV's of other national and State estimates.	In addition to above, replicated sampling procedures used to monitor effects of changes in survey procedures.	See above.
Enumerators count and measure plant characteristics in sample fields. Production measured from plots at harvest. Harvest loss measured from post harvest gleanings.	CV's for national estimates of production are about 2% to 3%.	See above.	See above.
Survey data for employers collected by questionnaire. IRS business tax forms used for establishments without paid employees. Followup on problems with questionnaire responses. Within industry, by State cross-classifications, missing data imputed based on relationships of known responses to administrative data.	Estimated CV of about 1% at national level for estimated totals of all construction and about .5% for construction subindustries.	Response rate 80% to 85% for most items. Computer scan used to identify incomplete questionnaires for review.	U.S. Bureau of the Census, <i>Census of Construction Industries, 1977</i> , vol. 1, <i>Industry and Geographic Area Statistics</i> .

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 28. CONSTRUCTION AND HOUSING—Con. <i>Monthly Survey of New Construction</i> See tables 1365–1369 and 1392–1394. <i>Value of New Construction Put in Place</i> See tables 1354–1358. <i>Census of Housing</i> See tables 1372–1379, 1383, and 1398. <i>Annual Housing Survey</i> See tables citing Annual Housing Survey in source notes and tables on housing vacancy in section 28 and, in section 22, tables 1097 and 1099.	Survey conducted monthly of newly constructed housing units (excluding mobile homes, and nonhousekeeping residential buildings such as motels, hotels, courts and cabins). Data collected on the start, completion, and sale of housing. (Annual figures are aggregates of monthly estimates.) Survey conducted monthly on total value of all construction put in place in the current month, both public and private projects. Construction values include costs of materials and labor, contractors' profits, overhead costs, cost of architectural and engineering work, and miscellaneous project costs. (Annual figures are aggregates of monthly estimates.) Census of all occupied and vacant housing, excluding group quarters, conducted every 10 years as part of the decennial census (see section 1 above) to determine characteristics of U.S. housing. Conducted nationally in the fall of each year to obtain data on the approximately 80 million occupied or vacant housing units in the U.S. (group quarters are excluded). Data include characteristics of occupied housing units, housing inventory changes, vacant units, new housing and mobile home units, recently relocated households, and housing and neighborhood quality indicators.	Probability sample of housing units obtained from building permits selected from 14,000 permit-issuing places through 1978 and, beginning in 1979, 16,000 places. For nonpermit places, multistage probability sample of new housing units selected in 137 PSU's. In those areas, "knowledgeable" persons provide list of housing starts verified by phone or visit; areas also canvassed. Varies by type of activity: Total cost of private one-family houses started each month is distributed into value in place using fixed patterns of monthly construction progress; using a multistage probability sample, data for private multifamily housing are obtained by mail from owners of multiunit projects. Data for residential additions and alterations are obtained in a quarterly survey measuring expenditures; monthly estimates are interpolated from quarterly data. Estimates of value of private nonhousekeeping, nonresidential buildings, and State and local government construction are obtained by mail from owners (or agents) for a probability sample of projects estimates of farm nonresidential construction expenditures are based on U.S. Department of Agriculture annual estimates of construction; public utility estimates are obtained from reports submitted to Federal regulatory agencies and from private utility companies; estimates for all other private construction (nonbuilding) are obtained by phasing F. W. Dodge contract award data; government estimates of Federal construction are based on monthly data supplied by Federal agencies. For 1970 and 1980, a complete count of 12 housing items. In 1970, other items collected from 5% and 15% probability samples selected from two sets of detailed questions on housing (these two sets having some common items). In 1980, a 20% sample was taken. The national sample is a multistage probability sample with about 73,000 units eligible for interview in 1979. Sample units, selected within 461 PSU's, are surveyed over a 3-month period.

(See section 1 above for information pertaining to the Census of Population and section 15 pertaining to table 1361.)

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
Data obtained by telephone inquiry and field visit.	Estimated CV of 3% to 4% for estimates of national totals; as high as 20% for estimated totals of more detailed characteristics, such as residential multiunit structures.	Response rate over 90% for most items. Non-sampling errors attributed to definitional problems, differences in interpretation of questions, incorrect reporting, inability to obtain information about all cases in the sample, and processing errors.	U.S. Bureau of Census, <i>Construction Reports</i> , series C20, <i>Housing Starts</i> ; C22, <i>Housing Completions</i> ; C25, <i>New One-Family Houses Sold and For Sale</i> ; and C27, <i>Price Index of New One-Family Houses Sold</i> .
See "Type of Data Collection Operation." Imputation accounts for approximately 20% of estimated value of construction each month.	CV estimates for private non-residential building construction range from 3% for estimated value of industrial buildings to 10% for miscellaneous buildings. CV approximately 2% for total new private nonresidential buildings.	For directly measured data series based on samples, some nonsampling errors may arise from processing errors, imputations, and misunderstanding of questions. Indirect data series are dependent on the validity of the underlying assumptions and procedures.	U.S. Bureau of the Census, <i>Construction Reports</i> , series C30, <i>Value of New Construction Put in Place</i> .
In 1970, a self-enumeration census using a mail-out/mail-back procedure used in most area. In 1980, mail questionnaires were used in even more areas than in 1970, with personal interviews in the remainder. Followup for nonrespondents and identification of vacant units done by phone and personal visit.	Evaluation programs are currently being conducted to provide information on the magnitude of both sampling (for sample items) and nonsampling errors in the 1980 census, including undercount (undercount of housing units in 1970 was estimated to be 1.4 percent).		U.S. Bureau of the Census, <i>U.S. Census of Population and Housing: Procedural History, 1960 and 1970</i> ; and <i>Census of Housing, vol. 1, HC80-1, Appendixes B and C</i> , forthcoming.
Survey conducted by personal interview with subsequent followup by telephone or personal visit.	For the national sample, illustrations of the S.E. of the estimates are provided in the appendix of each report. As an example, the estimated CV is about .4% for the estimate of the number of owner occupied housing units.	Response rate about 94%. Errors result from incorrect or incomplete responses, errors in coding and recording, and processing errors. For the 1979 national sample, about 750,000 units were not included in the sample coverage. A reinterview study also indicates some inconsistencies in the data, especially in some attitudinal items.	U.S. Bureau of the Census, <i>Current Housing Reports</i> , series H-150 and H-170, <i>Annual Housing Survey</i> .

SUBJECT, SOURCE, TITLE, TABLES	UNIVERSE, FREQUENCY, TYPES OF DATA	TYPE OF DATA COLLECTION OPERATION
SECTION 29. MANUFACTURES U.S. Bureau of the Census <i>Census of Manufactures</i> See tables citing <i>Census of Manufactures</i> in source notes in section 29 and also tables 585, 918, 969, 970, 979, 980, 1266, and 1534. <i>Annual Survey of Manufactures</i> See tables citing <i>Annual Survey of Manufactures</i> in source notes in section 29.	Conducted every five years to obtain information on labor materials, capital input and output characteristics, plant location, and legal form of organization for all plants in the United States with one or more employees. Universe was 340,000 manufacturing firms. Conducted annually to provide basic measures of manufacturing activity for intercensal years for all manufacturing establishments having one or more paid employees.	Complete enumeration of data items obtained from 200,000 firms. Administrative records from Internal Revenue Service and Social Security Administration used for 140,000 smaller single-unit firms, which were determined by various cutoffs based on size and industry. Sampling frame is 340,000 firms in the 1972 Census of Manufacturers (see above), supplemented by Social Security Administration lists of new manufacturers and new manufacturing establishments of multi-establishment companies identified by the Census Bureau's Company Organization Survey from which a probability sample of 55,000 establishments is selected. All companies having at least one establishment with 250+ employees included in the sample along with a probability sample of smaller companies.
(See section 24 above for information pertaining to table 1432 and section 15 for table 1448.)		
SECTION 30. DOMESTIC TRADE AND SERVICES U.S. Bureau of the Census <i>Census of Wholesale Trade, Census of Retail Trade, Census of Selected Service Industries</i> See tables citing the above censuses or the <i>Census of Business</i>, or the titles above in source notes in section 30, table 317 in section 6, and table 571 in section 11. <i>Annual Retail Trade Survey</i> See tables 1466-1470. <i>Current Business Surveys</i> See tables 1465-1469, 1480, 1483, 1484, and 1487.	Conducted every five years to obtain data on number of establishments, number of employees, total payroll size, and total sales. In 1972, universe was all employer establishments primarily engaged in wholesale trade, and employer and non-employer establishments primarily engaged in retail trade or selected service industries. The universe for the 1977 Census of Retail Trade and Wholesale Trade was the same. 1977 Census of Service Industries was expanded to cover several new service industries. Annual survey to obtain estimates of retail sales and inventories in the U.S. represents all employers and nonemployer retail establishments operating at the end of the calendar year. Provides monthly estimates of retail sales by kind of business and geographic area, and end of month inventories of retail stores; wholesale sales and inventories; and receipts of selected service industries. are included monthly; a sample of others is included every three months on a rotating basis. The area frame covers businesses not subjected to sampling on the first frame. The area sample consists of selected land segments in which all in-scope businesses are canvassed and those businesses determined not to be subjected to sampling on the list frame are tabulated.	All wholesale firms with paid employees surveyed; all retail and selected service industries with 4+ paid employees surveyed plus a sample of smaller firms. Firms with no employees were not required to file a census return. Probability sample from firms in the sample of the Current Business Survey (CBS); see below. Probability sample of establishments from a list frame and an area frame. List frame is the Bureau's Standard Statistical Establishment List (SSEL) updated quarterly for recent "births" from the Social Security Administration list of establishments having an employer identification number. The largest firms
SECTION 31. FOREIGN COMMERCE AND AID		
(See section 23 above for information pertaining to tables citing import and export statistics in source notes in this section.)		

DATA COLLECTION AND IMPUTATION PROCEDURES	INFORMATION ON ERRORS IN THE DATA		SOURCES OF ADDITIONAL MATERIAL
	Estimates of sampling error	Other (nonsampling) errors	
Five mail and telephone followups for larger nonrespondents. Data for small single-unit firms (generally those with fewer than 10 employees) not mailed census questionnaires are estimated from administrative records of IRS and SSA. Data for nonrespondents imputed from related responses or administrative records from IRS and SSA. Approximately 3.7% of total value of shipments was represented by fully imputed records in 1977.	Not applicable.	Based on evaluation studies, estimates of nonsampling errors for 1972 were about 1.3% for estimated total payroll; 2% for total employment; and 1% for value of shipments. Estimates for 1977 are not available.	U.S. Bureau of the Census, <i>Census of Manufactures, 1977</i> , vol. I, <i>Subject and Special Statistics</i> , forthcoming.
Survey conducted by mail with phone and mail followups of nonrespondents. Imputation (for all nonresponse items) based on previous year reports, or for new establishments in survey, on industry averages.	Estimated CV's for number of employees and for value added totals given in annual publications. For State totals, estimated CV's are 2% or less, but vary considerably for detailed characteristics.	Response rate about 85%. Nonsampling errors include those due to collection, reporting, and transcription errors, many of which are corrected through computer and clerical checks.	U.S. Bureau of the Census, <i>Annual Survey of Manufactures</i> , and Technical Paper 24.
Mail and telephone followups for nonrespondents. Data for nonrespondents and "nonselected" firms in retail trade and selected services from administrative records of IRS and the Social Security Administration. Imputation from related responses or administrative records from IRS or SSA.	Not applicable.	Response rate 85% for single establishment firms; 92% for multi-establishment firms. Item response ranged from 60% to 90% with higher rates for less detailed questions.	U.S. Bureau of the Census, Appendix A of <i>Census of Retail Trade</i> , vol. I; <i>Census of Selected Services</i> , vol. I; <i>Census of Wholesale Trade</i> , vol. I; and <i>History of the 1977 Economic Censuses</i> , December 1980.
Survey questionnaire mailed early in year and followed by mail and phone followups. Imputation based on previous reports of the firm in current monthly surveys or latest business census, supplemented by administrative records. Imputation used extensively for firms not in business at end of year.	CV's for national estimates of total sales and inventories are about 1%. For more detailed estimates by kind of business, or geographic areas, estimated CV's range from 0 to 8%, occasionally as high as 10.6%.	Nonresponse rate, 5% or less. Incomplete response ranges from 5% for inventories to 9% for sales.	U.S. Bureau of the Census, <i>Current Business Reports</i> , <i>Annual Retail Trade Report</i> , 1979.
Data collected by mail with telephone followup for nonrespondents. Imputation made for each nonresponse item and each item failing edit checks.	CV's about .8% for estimated total retail sales, 1.5% for wholesale sales, 1.4% for wholesale inventories, and 1.2% for selected service receipts. Sampling errors shown in monthly publications.	Nonresponse rate about 10% monthly. Incomplete response for wholesale inventories ranges between 20% and 25% monthly. Special studies indicate a tendency to underreport current month sales and inventories.	U.S. Bureau of the Census, <i>Current Business Reports</i> , <i>Monthly Retail Trade Reports</i> , <i>Monthly Wholesale Trade Reports</i> , and <i>Monthly Selected Services Receipts Reports</i> .

APPENDIX IV

Guide to Sources of Statistics

Alphabetically arranged by subject, this guide contains references to the important primary sources of statistical information for the United States. Secondary sources have been included if the information contained in them is presented in a particularly convenient form or if primary sources are not readily available. Nonrecurrent publications presenting compilations or estimates for years later than 1971 or types of data not available in regular series are also included.

Much valuable information may also be found in State reports (see pp. 985-988) and in reports for particular commodities, industries, or similar segments of our economic and social structures, many of which are not included here.

Publications listed under each subject are divided into two main groups: "U.S. Government" and "Other." The location of the publisher of each report is given except for Federal agencies located in Washington, D.C. Most Federal publications may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, tel. (202) 783-3238, or from Government Printing Office bookstores in certain major cities. In some cases, Federal publications may be obtained from the issuing agency.

Major reports, such as the Census of Population, which consist of many volumes, are listed by their general, all-inclusive titles.

Abortions—see Vital Statistics.

Accidents—See also Health; Insurance; and Vital Statistics

U.S. Government

Bureau of Labor Statistics

Occupational Injuries and Illness in the United States, by Industry. Annual.

Civil Aeronautics Board

Supplement to the Handbook of Airline Statistics. Biennial.

Department of Transportation

Transportation Safety Information Report. Quarterly.

Federal Railroad Administration

Accident/Incident Bulletin. Summary, statistics, and analysis of accidents on railroads in United States. Annual.

Advance Accident/Incident Bulletin. A preliminary summary of accident data covering incidents causing more than \$2,300 damage, casualties from rail operations, and rail-highway grade crossing accidents.

Rail-Highway Grade-Crossing Accident/Incident Bulletin. Annual.

Summary Statistics of the National Railroad-Highway Crossing Inventory For Public At-Grade Crossings. An inventory which contains data on the physical and operational characteristics of the 402,000 railroad-highway crossings in the United States.

Accidents—Con.

U.S. Government—Con.

Mine Safety and Health Administration

Informational Reports by Mining Industry: Coal, Metallic Minerals, Nonmetallic Minerals (except stone and coal), Stone, Sand, and Gravel. Annual.

Mine Injuries and Worktime. (Preliminary data.) Quarterly.

National Center for Health Statistics

Current Estimates from the Health Interview Survey. Annual.

Vital Statistics of the United States. Annual.

National Transportation Safety Board.

Accidents. Annual.

Other

Metropolitan Life Insurance Company, New York

Statistical Bulletin. Quarterly.

National Fire Protection Association, Quincy, Mass.

Fire Journal. Bimonthly.

National Safety Council, Chicago

Accident Facts. Annual.

Agriculture—*see also* Food; Irrigation; Labor; Money and Banking; and Population

U.S. Government

Bureau of the Census

Census of Agriculture. Quinquennial. (1978, most recent.)

U.S. Commodity Exports and Imports as Related to Output. Annual. (Series ES2.)

Bureau of the Census and Bureau of Mines

Raw Materials in the United States Economy, 1900-1977. (Issued 1980, Working Paper No. 47.)

Commodity Futures Trading Commission

Commodity Futures Statistics. Annual. (Statistical Bulletin No. 516.)

Department of Agriculture

Agricultural Finance Statistics. Annual.

Agricultural Outlook. Monthly.

Agricultural Price Reports. Reports on prices received for farm commodities, prices paid for farm supplies, indexes and parity ratios. Monthly and annual.

Agricultural Statistics. Annual.

Commodity Credit Corporation Report of Financial Condition and Operations. Quarterly.

Conversion Factors and Weights and Measures for Agricultural Commodities and Products. March 1979. (Statistical Bulletin No. 616.)

Economic Indicators of the Farm Sector: Income and Balance Sheet Statistics. Annual. (Statistical Bulletin No. 650.)

Economic Indicators of the Farm Sector: Production and Efficiency Statistics. Annual. (Statistical Bulletin No. 657.)

Economic Indicators of the Farm Sector: State Income and Balance Sheet Statistics. Annual. (Statistical Bulletin No. 661.)

Farm Real Estate Market Developments. Annual with supplements.

Farm Real Estate Taxes. Annual.

Farm-Retail Spreads for Food Products. (Miscellaneous Publication No. 741.) 1972.

Field Crop Reports. Acreage, yield, production, and value of various commodities. Periodic.

Food Consumption, Prices, and Expenditures. (Agricultural Economics Report No. 138.) Supplemented annually.

Foreign Agricultural Trade of the United States (FATUS). Monthly with annual supplements on calendar year and fiscal year trade data.

Foreign Ownership of U.S. Agricultural Land. 1980. (Agricultural Economic Report No. 447.)

Agriculture—Con.

U.S. Government—Con.

Department of Agriculture—Con.

Fruit and Vegetable Reports. Acreage, yield, production, value, and utilization of various fruits and vegetables. Periodic.

Handbook of Agricultural Charts. (Agricultural Handbook No. 574.) Annual.

The Hired Farm Working Force. Biennial.

Landownership in the United States. 1978. (Agricultural Economic Report No. 435.)

Livestock and Livestock Products. Reports pertaining to cattle, cattle on feed, hogs and pigs, lamb crop and wool, livestock slaughter, sheep and goats, sheep on feed, and wool and mohair. Periodic.

Major Uses of Land in the United States. Summary for 1974. November 1979. (Agricultural Economics Report No. 440.)

Milk and Dairy Products Reports. Milk production, dairy products, butter, and American cheese production reports. Weekly, monthly, annual.

Other Reports. Reports on varied items including cold storage, commercial fertilizer, farm employment and wages, farm numbers, farm production expenditures, floriculture, honey, maple sirup, milk, mushrooms, naval stores. Monthly, quarterly, annual.

Outlook for U.S. Agricultural Exports. Quarterly.

Poultry and Egg Reports. Reports covering eggs, chickens, turkeys, hatcheries, and poultry slaughter. Weekly, monthly, annual.

Seed Crop Reports. Acreage, yield, production, value of various seed crops. Periodic.

Situation Reports. Issued for cotton and wool, dairy products, fats and oils, feed, fertilizer, fruit, livestock and meat, poultry and eggs, rice, sugar and sweeteners, tobacco, vegetables, wheat, aquaculture and world agriculture. Monthly, quarterly, annual.

Statistics of Farmer Cooperatives. Annual.

Stock Reports. Stocks of grain, hogs, peanuts, potatoes, rice, and soybeans. Monthly, quarterly, annual.

U.S. Food Expenditures, 1954-1978. August 1979. (Agriculture Economic Report No. 431.)

Weekly Weather and Crop Bulletin. Report summarizing weather and its effect on crops the previous week.

Agriculture—Con.*U.S. Government—Con.*

Farm Credit Administration

Annual Report.

Loans and Discounts of Farm Credit
Banks and Associations. Annual.National Oceanic and Atmospheric Admin-
istrationWeekly Weather and Crop Bulletin. Na-
tional summary.Air Force—*see* National Defense.Air Pollution—*see* Environment.Aliens—*see* Immigration.American Samoa—*see* Outlying Areas.Area—*see* Geography.Army—*see* National Defense.Aviation—*see* Transportation.Banks and Banking—*see* Money.Births—*see* Vital Statistics.Broadcasting—*see* Communications.Building Permits—*see* Construction.**Business—*see also* Economic Indexes; Invest-
ments; Manufactures; Retail and Wholesale
Trade; Scientific Resources; and Service
Establishments.***U.S. Government*Administrative Office of the United States
Courts

Tables of Bankruptcy Statistics. Annual.

Board of Governors of the Federal Reserve
System

Federal Reserve Bulletin Monthly.

Bureau of the Census

Census of Retail Trade. Quinquennial.
(1977, most recent.)Census of Service Industries. Quinquen-
nial. (1977, most recent.)Census of Wholesale Trade. Quinquenni-
al. (1977, most recent.)

County Business Patterns. Annual.

Current Business Reports. Monthly series
on Department Store Sales in Selected
Areas, BD; Retail Trade, Sales, and In-
ventories, BR; Selected Services Re-
ceipts, BS; and Wholesale Trade,
Sales, and Inventories, BW. Canned
Food Report, BI, issued five times a
year. Green Coffee, BG, issued quar-
terly.Mergers & Acquisitions, 1972-1974.
1978.

Minority-Owned Businesses: 1977.

Business—Con.*U.S. Government—Con.*

Bureau of Economic Analysis

Business Conditions Digest. Monthly.

Business Statistics. Biennial.

Handbook of Cyclical Indicators. 1977.

The National Income and Product Ac-
counts of the United States, 1929-
1976: Statistics Tables. 1981.The National Income and Product Ac-
counts of the United States, 1976-
1979: Statistical Tables. 1981.

Survey of Current Business. Monthly.

Tangible Wealth in the U.S. 1981.

Council of Economic Advisers

Economic Indicators. Monthly.

Economic Report of the President.
Annual.Department of Commerce, Bureau of Indus-
trial Economics

U.S. Industrial Outlook. Annual.

Federal Trade Commission

Quarterly Financial Report for Manufac-
turing, Mining, and Trade Corporations.Statistical Report on Mergers and Acqui-
sitions. Annual.Working Capital for U.S. Nonfinancial
Corporations. Quarterly. Beginning
August 1978 published by the Federal
Reserve Board.

Internal Revenue Service

Statistics of Income.

Business Income Tax Returns. Annual.

Corporation Tax Returns. Annual.

Statistics of Income Bulletin. Quarterly.

Patent and Trademark Office

Commissioner of Patents and Trade-
marks Annual Report.

Securities and Exchange Commission

SEC Monthly Statistical Review.

Senate, Committee on Government Oper-
ationsDisclosure of Corporate Ownership.
1973. (93d Congress, 1st Session.)

Small Business Administration

Annual Report.

*Other*The Conference Board, New York
Economic Road Maps. Monthly.Dun & Bradstreet, Inc., New York
The Failure Record. Annual.

Business—Con.*Other—Con.*

Dun & Bradstreet, Inc., New York—Con.

Monthly Failure Report.

Monthly New Business Incorporation Report.

Quarterly Business Starts.

Quarterly Businessmen's Expectations Report.

Fortune (Time, Inc.), New York

The Fortune Directory of the 500 Largest Industrial Corporations. (Annual supplement to Fortune.)

National Bureau of Economic Research, Cambridge, Mass.

The American Economy in Transition, Martin Feldstein, editor. 1980. (University of Chicago Press, Chicago.)

Business Cycles, Inflation, and Forecasting, by Geoffrey H. Moore. 1980. (Studies in Business Cycles 24.) (Ballinger Press, Cambridge, Mass.)

Conference on Research in Taxation, Michael Boskin, editor. Published as Supplement to Journal of Political Economy, April 1978. (Vol. 86, No. 2, part 2.)

Conference on Secular Inflation, Karl Brunner, editor. 1973. (Universities—National Bureau Conference 25.) (Supplement to Journal of Money, Credit, and Banking, No. 1, part 2. University Microfilms, Ann Arbor.)

Factors in Business Investment, by Robert Eisner. 1978. (General Series 102.) (Ballinger Publishing Co., Cambridge, Mass.)

Forecasts with Macroeconometric Models, by Yoel Haitovsky, George Treyz, and Vincent Su. 1974. (Studies in Business Cycles 23.) (Columbia University Press, Irvington, N.Y.)

The Formation and Stocks of Total Capital, by John W. Kendrick. 1976. (General Series 100.) (Columbia University Press, Irvington, N.Y.)

Institutional Investors and Corporate Stock—A Background Report, Raymond Goldsmith, editor. 1973. (Studies in Capital Formation and Financing 13.) (Columbia University Press, Irvington, N.Y.)

The Measurement of Capital, Dan Usher, editor. 1980. (Studies in Income and Wealth 45.) (University of Chicago Press, Chicago.)

New Developments in Productivity Measurement, John W. Kendrick and Beatrice N. Vaccara, editors. 1980. (Studies in Income and Wealth 44.) (University of Chicago Press, Chicago.)

Business—Con.*Other—Con.*

National Bureau of Economic Research, Cambridge, Mass.—Con.

Orders, Production, and Investment—A Cyclical and Structural Analysis, by Victor Zarnowitz. 1973. (Business Cycles 22.) (Columbia University Press, Irvington, N.Y.)

Postwar Productivity Trends in the United States, by John W. Kendrick. 1973. (General Series 98.) (Columbia University Press, Irvington, N.Y.)

Substituting a Value-Added Tax for the Corporate Income Tax, by S. P. Dresch, An-loh Linn, and D. K. Stout. (Fiscal Studies Series 15.) (Ballinger Publishing Co., Cambridge, Mass.)

Canal Zone—*see* Outlying Areas.

Child Welfare—*see* Education; *and* Social Insurance.

City Government—*see* State and Local Government.

Civil Service—*see* Federal Government; *and* State and Local Government.

Climate—*see also* Health

U.S. Government

National Oceanic and Atmospheric Administration

Climatological Data. National Summary; also issued in sections for States and outlying areas. Monthly with annual summary.

Comparative Climatic Data Through 1979.

Daily River Stages. Annual.

General Summary of Tornadoes. Annual.

Hourly Precipitation Data. Monthly with annual summary; for each State.

Local Climatological Data. Monthly with annual summary; for major cities.

Storm Data. Monthly.

Weekly Weather and Crop Bulletin. National summary.

Commerce—*see* Foreign Commerce; Retail and Wholesale Trade; *and* Transportation.

Commodity Prices—*see also* Economic Indexes

U.S. Government

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Commodity Prices—Con.*U.S. Government—Con.***Bureau of Labor Statistics**

Announcement to Users of the Consumer Price Index. 1978.

City Worker's Family Budget, Pricing Procedures, Specifications, and Average Prices. (Bulletin No. 1570-3.) Updated in annual press releases; titles vary.

Consumer Expenditure Survey Series; Daily Data, 1972, 1975. (Reports 1973 and 1974. Series 448.)

Consumer Price Index. Monthly.

Consumer Price Index; Energy. Monthly.

Consumer Price Index, U.S. City Average and Selected Items, Groups, and Areas. Monthly.

Facts About the Revised Consumer Price Index. 1978.

Handbook of Labor Statistics. Annual.

Monthly Labor Review.

Producer Prices and Price Indexes. Monthly and annual.

Productivity and Costs. Quarterly.

Productivity and Costs in Nonfinancial Corporations. Quarterly.

Relative Importance of Items in the Consumer Price Index. Annual.

Three Budgets for a Retired Couple in Urban Areas of the United States. (Bulletin No. 1570-6 and supplements.) Updated in annual press releases; titles vary.

Three Standards of Living for an Urban Family of Four Persons. (Bulletin No. 1570-5 and supplements.) Updated in annual press releases.

Tuesday Spot Market Price Indexes and Prices. Weekly and monthly summary. Discontinued May 26, 1981.

U.S. Import and Export Price Indexes. Quarterly.

Department of Agriculture

Agricultural Price Reports. Monthly and annual.

Agricultural Statistics. Annual.

Other

Commodity Research Bureau, New York
Commodity Yearbook. Annual

Morgan Guaranty Trust Company of New York

The Morgan Guaranty Survey. Monthly. (Wholesale price index.)

Wall Street Journal. (Dow Jones & Co., New York.) Daily except Saturdays, Sundays, and holidays.

Communications—see also Newspapers*U.S. Government***Bureau of the Census**

Households With Television Sets in the United States. Irregular. (Current Housing Reports, H-121, Housing Characteristics.)

Federal Communications Commission

AM-FM Broadcast Financial Data. Annual.

Annual Report.

Cable Television Revenues. Annual.

Statistics of Communications Common Carriers. Annual.

TV Broadcast Financial Data. Annual.

Rural Electrification Administration

Annual Statistical Report—Rural Telephone Borrowers.

U.S. Postal Service

Annual Report of the Postmaster General.

Revenue and Cost Analysis. Annual.

Other

John Blair & Company, New York
Statistical Trends in Broadcasting. Annual.

Book Industry Study Group, Inc., New York
Book Industry Trends. Annual.

Broadcasting Publications, Inc., Washington, D.C.

Broadcasting Magazine. Weekly.

Broadcasting Yearbook.

Corporation for Public Broadcasting, Washington, D.C.

Public Radio and Television Programming Content by Category. Annual.

Public Radio Subscription Programs. Annual.

TV Subscription Membership Programs. Annual.

Editor & Publisher Co., Inc., New York
International Year Book. Annual.

Market Guide. Annual.

Electronic Industries Association, Washington, D.C.

Electronic Market Data Book. Annual.

Electronics Foreign Trade. Monthly.

Radio Advertising Bureau, New York

Radio Facts. Annual.

Communications—Con.*Other—Con.*

- Television Digest, Inc., Washington, D.C.
- Cable and Station Coverage Atlas. Annual.
- Television Factbook. Annual.

- United States Independent Telephone Association, Washington, D.C.
- Statistics of the Independent Telephone Industry. Annual.

Construction, Housing, and Real Estate—see also Money and Roads*U.S. Government*

- Board of Governors of the Federal Reserve System
- Federal Reserve Bulletin. Monthly.

Bureau of Census

- Census of Construction Industries. Quinquennial. (1977, most recent.)
- Census of Housing. Decennial. (1980, most recent.)

Current Construction Reports: Housing Starts, C20 (monthly); New Residential Construction in Selected Standard Metropolitan Statistical Areas, C21 (quarterly); Housing Completions, C22 (monthly); New One-Family Houses Sold and for Sale, C25 (monthly and annual); Price Index of New One-Family Houses Sold, C27 (quarterly); Value of New Construction Put in Place, C30 (monthly with occasional historical supplement); Housing Authorized by Building Permits and Public Contracts, C40 (monthly and annual); Residential Alterations and Repairs, C50 (quarterly and annual).

Current Housing Reports: Housing Vacancies, H-111 (quarterly and annual); Market Absorption of Apartments, H-130 (quarterly and annual); Characteristics of Apartments Completed, H-131 (annual); Annual Housing Survey, H-150 (series of six annual reports); Annual Housing Survey—Housing Characteristics for Selected Metropolitan Areas, H-170.

Social Indicators, 1973; 1976; III.

Bureau of Economic Analysis

- Business Conditions Digest. Monthly.
- Business Statistics. Biennial.
- Fixed Nonresidential Business and Residential Capital in the United States, 1925-75. 1976.
- Handbook of Cyclical Indicators. 1977.
- The National Income and Product Accounts of the United States, 1929-76: Statistical Tables. 1981.

Construction, Housing, and Real Estate—Con.*U.S. Government—Con.*

Bureau of Economic Analysis—Con.

The National Income and Product Accounts of the United States, 1976-1979: Statistical Tables. 1981.

Survey of Current Business. Monthly.

Bureau of Industrial Economics
Construction Review. Monthly.

Bureau of Labor Statistics

Consumer Price Index. Monthly. (Housing, rent, and home ownership indexes.)

Employment and Earnings. Monthly.

Employment and Earnings. States and Areas. Annual.

Employment and Earnings, United States. Annual.

Labor and Material Requirements for (selected types of) Construction. (Bulletins issued at irregular intervals.)

Monthly Labor Review.

Rent or Buy? Evaluating Alternatives in the Shelter Market. 1979. (Bulletin No. 2016.)

Union Wages and Benefits: Building Trades. Annual with quarterly releases and summary reports.

Department of Housing and Urban Development

Housing and Urban Development Trends. Quarterly.

Statistical Yearbook.

Survey of Mortgage Lending Activity. Monthly.

Energy Information Administration

Nonresidential Buildings Energy Consumption Survey: Building Characteristics, 1981.

Residential Energy Consumption Survey: Characteristics of the Housing Stock and Households, 1978. 1980.

Federal Home Loan Bank Board.

Annual Report.

Savings and Home Financing Source Book. Annual.

Veterans Administration

Loan Guaranty Highlights. Monthly.

Other

Dodge, F.W., Division, McGraw-Hill Information Systems Co., New York

Dodge Construction Potentials. Monthly.

Construction, Housing, and Real Estate—
Con.*Other—Con.*

National Association of Realtors, Washington, D.C.

Existing Home Sales. Monthly.

National Bureau of Economic Research, Cambridge, Mass.

Long Swings in Urban Development, by Manuel Gottlieb, 1976. (Urban and Regional Studies 4.) (Columbia University Press, Irvington, N.Y.)

Residential Location and Urban Housing Markets, by Gregory K. Ingram, editor. 1978. (Income and Wealth 43.) (Ballingier Publishing Company, Cambridge, Mass.)

Whitman, Requardt and Associates, Baltimore

The Handy-Whitman Index of Public Utility Construction Costs. Semiannual.

Consumer Income and Expenditures—see also Agriculture; Economic Indexes; Investments; and National Income*U.S. Government*

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of the Census

Census of Population. Decennial. (1980, most recent.)

Current Population Reports. (Series on Consumer Income, P-60.)

Bureau of Economic Analysis

Local Area Personal Income, 1974-79. Annual personal income by type of income and by major industries, and population and per capita income, for States, counties, BEA economic areas, and standard metropolitan statistical areas. Nine volumes published by the Government Printing Office, Washington, D.C.

Personal Income by States Since 1929. (Supplement to Survey of Current Business.) 1976. Updated and published twice annually—preliminary in the April Survey and final in the August Survey.

Personal Income by States Since 1948. Updated and published quarterly in January, April, July, and October issues of Survey of Current Business.

Survey of Current Business. Monthly.

Bureau of Labor Statistics

Consumer Expenditure Survey:

Diary Survey, July 1972-June 1974. 1977. (Bulletin No. 1959.)

Integrated Diary and Interview Survey Data, 1972-1973—Total Expendi-

Consumer Income and Expenditures—Con.*U.S. Government—Con.*

Bureau of Labor Statistics—Con.

tures and Income for the United States and Selected Areas. 1978. (Bulletin No. 1999.)

Interview Survey, 1972-73. 1978.

Vol. I: U.S. tables—Families Classified by Ten Family Characteristics.

Vol. II: Regional Tables—Families Classified by Income for Four Regions.

Consumer Expenditure Survey Series:

Diary Survey, July 1973-June 1974. 1976. (Reports 448-1 to 4.)

Interview Survey, 1972-73. 1977. (Reports 455-1 to 5.)

Interview Survey, 1972-73—Annual Expenditures and Sources of Income Cross-Classified by Family Characteristics, 1972 and 1973 Combined. 1978. (Bulletin No. 1985.)

Digest of Selected Pension Plans. 1977.

Handbook of Labor Statistics. Annual.

Monthly Labor Review.

Three Budgets for a Retired Couple in Urban Areas of the United States. (Bulletin No. 1570-6 and supplements.) Updated in annual press releases; titles vary.

Three Standards of Living for an Urban Family of Four Persons. (Bulletin No. 1570-5 and supplements.) Updated in annual press releases; titles vary.

Internal Revenue Service

Statistics of Income. (Annual report on Individual Income Tax Returns. Supplemental. Report on Personal Wealth.)

Statistics of Income Bulletin. Quarterly.

Other

National Bureau of Economic Research, Cambridge, Mass.

Household production and Consumption, Nestor E. Terleckyj, editor. 1976. (Studies in Income and Wealth, vol. 40.) (Columbia University Press Irvington, N.Y.)

The Measurement of Economic and Social Performance, Milton Moss, editor. 1974. (Studies in Income and Wealth, vol. 38.) (Columbia University Press, Irvington, N.Y.)

National Consumer Finance Association, Washington, D.C.

Finance Facts Yearbook. Annual.

Consumer Prices—see Commodity Prices.

Corporations—see Business; and Manufactures.

Correctional Institutions—*see* Law Enforcement.

Cost of Living—*see* Commodity Prices.

Courts—*see* Law Enforcement.

Crime—*see* Law Enforcement.

Crops—*see* Agriculture.

Deaths—*see* Vital Statistics.

Defense—*see* National Defense.

Divorce—*see* Vital Statistics.

Domestic Trade—*see* Retail and Wholesale Trade.

Drainage—*see* Irrigation.

Economic Indexes—*see also* Agriculture; Business; Commodity Prices; and Manufacturers

U.S. Government

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly. (Also monthly releases on business and industrial production indexes.)

Bureau of Economic Analysis

Business Conditions Digest. Monthly.

Business Statistics. Biennial.

Handbook of Cyclical Indicators. 1977.

Survey of Current Business. Monthly.

Bureau of Labor Statistics

Employment Projections for the 1980's. 1979. (Bulletin No. 2030.)

Monthly Labor Review.

Productivity and Costs. Quarterly.

Productivity Indexes for Selected Industries. Annual.

The Structure of the U.S. Economy in 1980 and 1985. 1975. (Bulletin No. 1831.)

The U.S. Economy in 1985. 1974. (Bulletin No. 1809.)

U.S. Import and Export Price Indexes. Quarterly.

Council of Economic Advisers

Economic Indicators. Monthly.

Economic Report of the President. Annual.

Other

Business Week. (Billboard Publications, Inc., New York.) (Index of Business Activity.)

The Conference Board, New York

The Conference Board Statistical Bulletin. Monthly.

Economic Indexes—Con.

Other—Con.

Federal Reserve Banks

Monthly review published by each bank with special reference to its own Federal Reserve district.

National Bureau of Economic Research, Cambridge, Mass.

The American Economy in Transition, Martin Feldstein, editor. 1980. (University of Chicago Press, Chicago.)

Business Cycles, Inflation, and Forecasting, by Geoffrey H. Moore. 1980. (Studies in Business Cycles 24.) (Ballinger Publishing Co., Cambridge, Mass.)

Conference on Secular Inflation, Karl Brunner, editor. 1973. (Universities-National Bureau Conference 25.) (Supplement to Journal of Money, Credit, and Banking, No. 1, part 2. University Microfilms, Ann Arbor.)

Dating U.S. Growth Cycles, by Ilse Mintz, Exploration in Economic Research, vol. I, No. 1. Summer 1974. (University Microfilms, Ann Arbor.)

The Financial Effects of Inflation, by Philip Cagan and Robert E. Lipsey. 1978. (General Series 103.) (Ballinger Publishing Co., Cambridge, Mass.)

The Measurement of Economic and Social Performance, Milton Moss, editor. 1974. (Studies in Income and Wealth, vol. 38.) (Columbia University Press, Irvington, N.Y.)

New Developments in Productivity Measurement, John W. Kendrick and Beatrice N. Vaccara, editors. 1980. (Studies in Income and Wealth 44.) (University of Chicago Press, Chicago.)

Orders, Production and Investment—A Cyclical and Structural Analysis, by Victor Zarnowitz. 1973. (Business Cycles 22.) (Columbia University Press, Irvington, N.Y.)

Postwar Productivity Trends in the United States, by John W. Kendrick. 1973. (General Series 98.) (Columbia University Press, Irvington, N.Y.)

Education—*see also* Scientific Resources; and Vocational Rehabilitation

U.S. Government

Bureau of the Census

Census of Population. Decennial. (1980, most recent.)

Current Population Reports. (Series on Population Characteristics, P-20; Technical Studies, P-23; and Population Estimates, P-25.)

Finances of Public School Systems. Annual. (GF No. 10.)

Education—Con.*U.S. Government—Con.*

Bureau of the Census—Con.

Social Indicators, 1973; 1976; III.

Bureau of Indian Affairs

Statistics Concerning Indian Education. Annual.

Bureau of Labor Statistics

Handbook of Labor Statistics. Annual.

Monthly Labor Review.

Occupational Manpower and Training Needs. 1974. (Bulletin No. 1824.)

Occupational Projections and Training Data. Annual.

Special Labor Force Reports. (Occasional.)

Department of Education

Annual Report.

Higher Education Prices and Price Indexes. 1976. Supplemented annually.

Employment and Training Administration

Employment and Training Report of the President. Annual.

Equal Employment Opportunity Commission

Employment Opportunity in the Schools. Job patterns of minorities and women in public elementary and secondary schools. 1975.

National Center for Education Statistics

Associate Degrees and Other Formal Awards Below the Baccalaureate. Annual.

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APPENDIX V

Index to State Statistics in the Forthcoming State and Metropolitan Area Data Book, 1982

[Forthcoming in 1982 will be the second edition of the *State and Metropolitan Area Data Book*, which will contain over 2,000 items of comparative State statistics (see inside back cover). Listed below are the *Statistical Abstract* tables in this edition and the item numbers from table C of the forthcoming edition of the *State and Metropolitan Area Data Book* or which comparable State statistics will be presented. Both national-level and State-level *Abstract* tables are linked to the items in table C in order to provide easy reference to more detailed statistics.]

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